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?
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

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?
SWMU 124	Bldg 11-50 Waste water Treatment System	Admin Closure	2001	N	N	N	N
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

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?
SWMU 141	Classified Waste Incinerator	Admin Closure	2001	N	N	N	N
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?
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?
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	Inactive		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
AOC 3a	Former Boiler House Areas	3		N	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?
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
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

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?
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
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

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?
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
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
SWMU 20*	Explosive Burn Pad 7 (including ash disposal trench)	3		Soil Cover	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?
SWMU 21*	Explosive Burn Pad 7A (including ash disposal trench)	3		Soil Cover	Y	Y	Y
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
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

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?
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
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

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?
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
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
SWMU 66	Landfill 15	3		N	Y	Y	Y
SWMU 68a	Original Landfill	3		N	Y	Y	Y
SWMU 68b	Landfill 1	3		Administrative Soil Cover	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?
SWMU 68c	Landfill 2	3		Administrative Soil Cover	Y	Y	Y
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
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
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

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?
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
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

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?
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
SWMU 63	Landfill 12	2	2005	Administrative Soil Cover	Y	N	Y
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

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?
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
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

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?
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
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

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?
Unassigned	UST #7 Bldg 12-5B	1	1999	Tank Removal / Excavation	N	N	N
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
Building 11-35 AOC	Asbestos Release - Former Location of Building 11-35	Remedy Standard B	Under Investigation		Y	N	Y

*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.

Remedy Standard B - TRRP

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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. 2023 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 Section 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 fifteenth year of operation. The system was shutdown to undergo a construction tie-in to the new center pivot irrigation system in April of 2022. P1PTS was not operated until the end of July of 2023, when the system was brought back online for testing purposes. The system was partially or fully run from August – December of 2023, but was affected by a break at the wet well in early December that required extensive repairs. The break was repaired in February 2024.

Table B-1 presents the downtime contributors. Pumping was primarily affected by shutdown to allow SEPTS to operate fully, loss of paging system, and shutdown due to construction activities. The loss of paging system required the system to only operate during the day when workers were present. When the system was operating, flow was restricted in July due to the loss of the subsurface irrigation system, which required water to be released to Playa 1. Flow to Playa 1 is restricted by permit. Flow improved later in the year when the pivot irrigation system came online.

Table B-1. P1PTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions
January	Shutdown due to construction activities	-
February	Shutdown due to construction activities	-
March	Shutdown due to construction activities	-
April	Shutdown due to construction activities	-
May	Shutdown due to construction activities	-
June	Shutdown due to construction activities	-

Month	Operational Contributor	Well Contributions
July	Limited pumping for testing new pivot irrigation system.	EW-70 – EW-75, EW-78A, EW-79, EW-80, EW-81
August	Paging issues, only operated 1 week, 8 hr/day	EW-69 – EW-75, EW-78A, EW-79, EW-80, EW-81
September	None	EW-69 – EW-75, EW-78A, EW-79, EW-80, EW-81
October	GAC exchange	EW-69 – EW-75, EW-78A, EW-79, EW-80, EW-81
November	None	EW-69, EW-71 – EW-75, EW-80, EW-81
December	Break at wet well	EW-69, EW-71 – EW-75, EW-80, EW-81

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.

Operation of the system was affected by carbon change-outs, communication issues, construction activities and power outages. Well operation time has also been impacted by various electrical, pump, and control problems, and the prioritization of pumping from the well field. As discussed in Section 2, the SEPTS, as designed, can treat up to 300 gpm, although the system can exceed 300 gpm at times. Since the system well field capacity exceeds 300 gpm, pumping priorities were established for extraction well operation (see Figure 2-9 in Section 2). Due to decline in water levels, future pumping is expected to be impacted and pumping prioritization will no longer be required.

Table B-2 provides a summary of well downtime contributions by month. SEPTS operated consistently through the year due to the shutdown of P1PTS. During 2023, well downtime impacted flow. Wells east of FM 2373, PTX06-EW-87 and PTX06-EW-88, were down variably. Water levels at PTX06-EW-83 through PTX06-EW-86 have declined to the point they can no longer be operated. Several high priority wells are not operating due to low water levels. Several wells required repair during 2023. To address the continued issues, a new electrical contract was started during 2022, allowing quicker response to well repair. Eleven wells were repaired by the end of 2023.

Injection was started in July 2017 after the break at the filter bank and continues to provide an outlet for a portion of the SEPTS flow. Repairs were made to the filter bank, but repairs were then required to the subsurface system, with communication issues arising that also required repair. All issues were addressed in early 2022 and limited operation of the system began. However, the

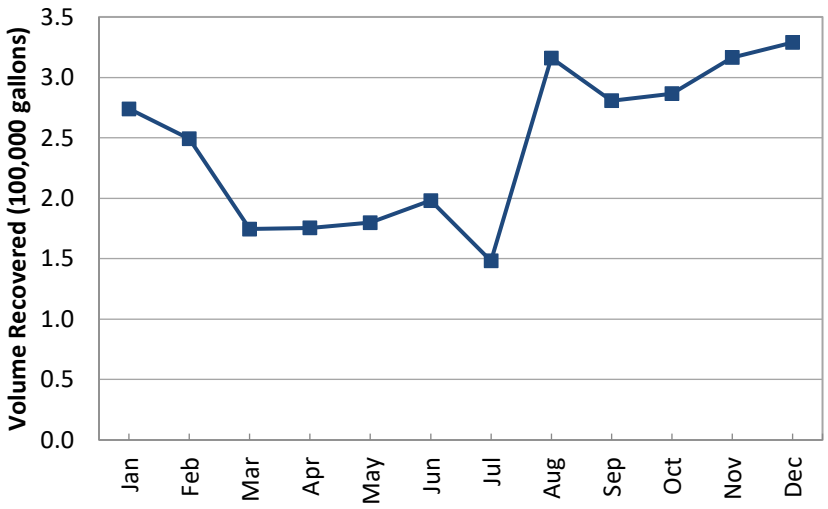
WWTF ponds required maintenance in 2022 that impacted operation of the subsurface irrigation system due to limited storage capacity during the maintenance period. A mishap with a bird also caused an electrical failure of the subsurface irrigation system in early December 2022. The electrical system is repaired; however, the lagoons are undergoing repair and release to the irrigation system is on hold until repairs are complete. Pantex has completed construction of the center pivot irrigation system east of FM 2373. The system became operational in August, but was affected by a break at the wet well in early December that required extensive repairs. Repairs were complete in February 2024. Injection was part of the operation strategy for SEPTS until the pivot irrigation system became operational in late summer of 2023.

Table B-2. SEPTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions
Jan	None	EW-4, EW-7, EW-9, EW-10, EW-12, EW-15, EW-35, EW-42, EW-44, EW-51, EW-53, EW-55, EW-62, EW-67, EW-83 – 87
Feb	GAC exchange	EW-2, EW-4, EW-7, EW-9, EW-10, EW-12, EW-15, EW-41, EW-42, EW-44, EW-46, EW-51, EW-53, EW-67, EW-83 - 86
Mar	Construction activities	EW-2, EW-4, EW-7, EW-9, EW-10, EW-12, EW-15, EW-23, EW-26, EW-27, EW-40, EW-41, EW-42, EW-44, EW-46, EW-48, EW-51, EW-53, EW-83 - 86
Apr	GAC Exchange	EW-2, EW-4, EW-7, EW-12, EW-23, EW-26, EW-27, EW-35, EW-39, EW-41, EW-42, EW-44, EW-48, EW-49, EW-53, EW-55, EW-67, EW-83 - 85
May	GAC Exchange	EW-2, EW-4, EW-7, EW-12, EW-23, EW-26, EW-27, EW-39, EW-44, EW-48, EW-53, EW-67, EW-83 - 85
Jun	None	EW-4, EW-7, EW-12, EW-23, EW-26, EW-35, EW-42, EW-46, EW-53, EW-59, EW-65, EW-68, EW-83 - 85
Jul	GAC Exchange	EW-4, EW-7, EW-12, EW-16, EW-17, EW-18, EW-19, EW-23, EW-27, EW-35, EW-46, EW-48, EW-50, EW-55, EW-66, EW-68, EW-53, EW-58, EW-59, EW-65, EW-66, EW-68, EW-83 – 85
Aug	GAC Exchange	EW-4, EW-7, EW-12, EW-16, EW-18, EW-27, EW-30, EW-43, EW-48, EW-50, EW-53, EW-55, EW-59, EW-83 – 85
Sep	None	EW-4, EW-7, EW-12, EW-42, EW-43, EW-46, EW-48, EW-49, EW-50, EW-53, EW-55, EW-58, EW-59, EW-83 - 86
Oct	None	EW-4, EW-7, EW-12, EW-30, EW-42, EW-43, EW-46, EW-48, EW-50, EW-53, EW-55, EW-58, EW-59, EW-83 – 86
Nov	GAC Exchange	EW-4, EW-7, EW-12, EW-30, EW-43, EW-48, EW-50, EW-53, EW-54, EW-55, EW-56, EW-57, EW-59, EW-83 - 86
Dec	None	EW-4, EW-7, EW-12, EW-26, EW-27, EW-30, EW-42, EW-43, EW-48, EW-50, EW-53, EW-54, EW-55, EW-56, WE-57, EW-59, EW-65, EW-83 - 85

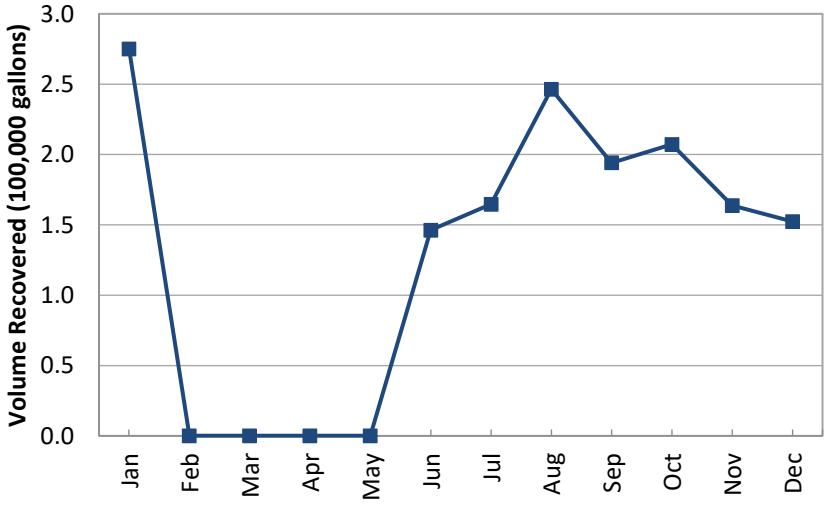
Southeast Pump and Treat System

PTX06-EW-1



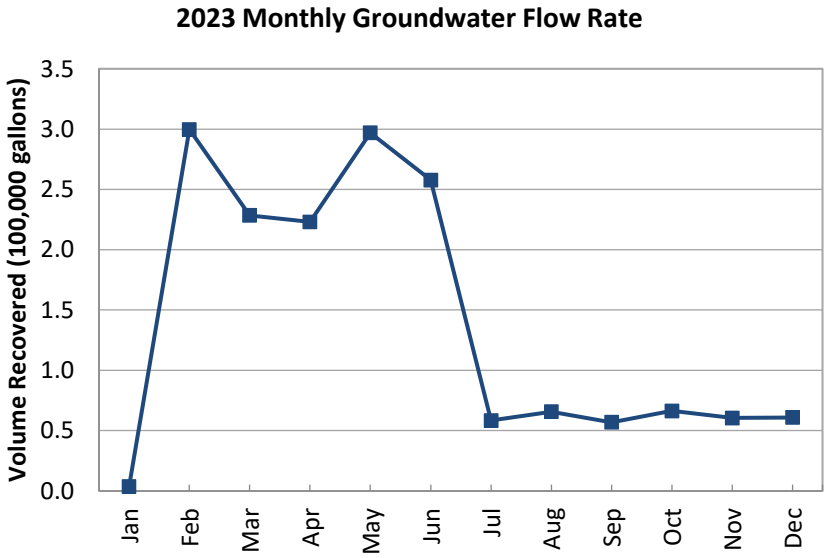
Month	Volume Recovered (gallons)
Jan	274,060
Feb	249,308
Mar	174,634
Apr	175,576
May	179,943
Jun	198,169
Jul	148,228
Aug	316,207
Sep	280,766
Oct	286,679
Nov	316,694
Dec	329,102
Total	**2,929,366**

PTX06-EW-2



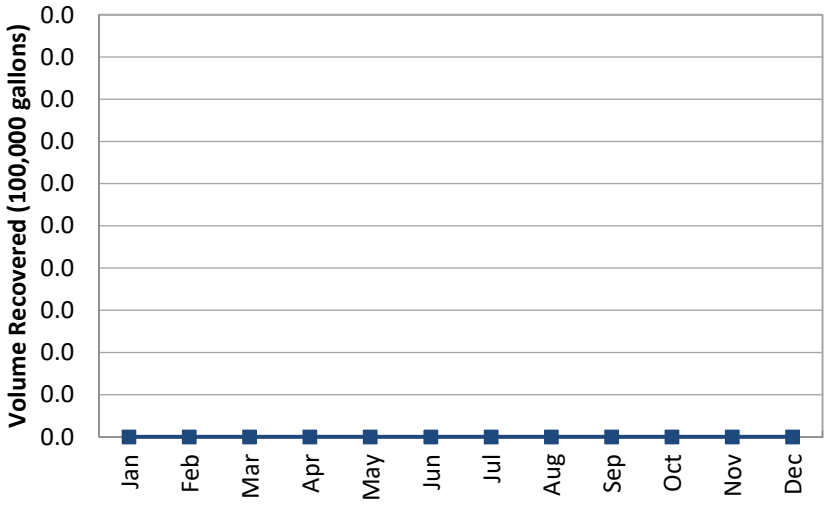
Month	Volume Recovered (gallons)
Jan	275,204
Feb	0
Mar	0
Apr	0
May	0
Jun	146,291
Jul	164,611
Aug	246,484
Sep	194,082
Oct	207,192
Nov	163,697
Dec	152,427
Total	**1,549,988**

PTX06-EW-3



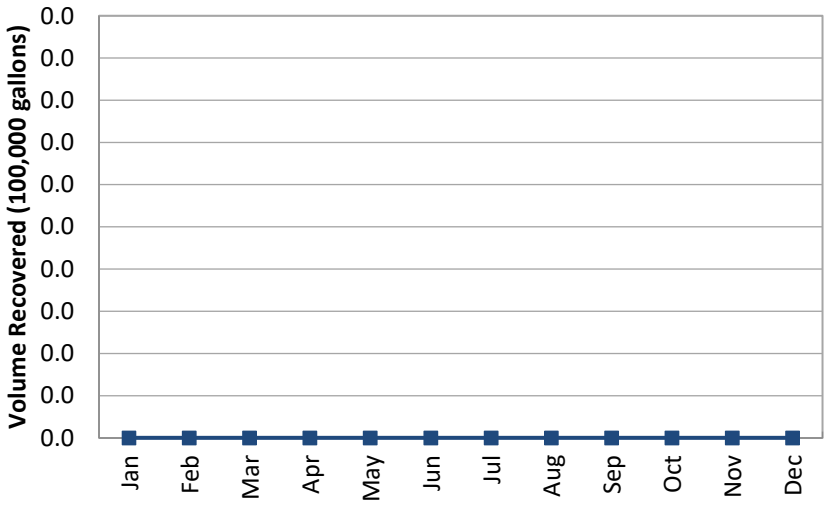
Month	Volume Recovered (gallons)
Jan	3,616
Feb	299,792
Mar	228,600
Apr	223,173
May	296,991
Jun	257,927
Jul	58,423
Aug	65,744
Sep	56,969
Oct	66,366
Nov	60,539
Dec	60,900
Total	**1,679,040**

PTX06-EW-4



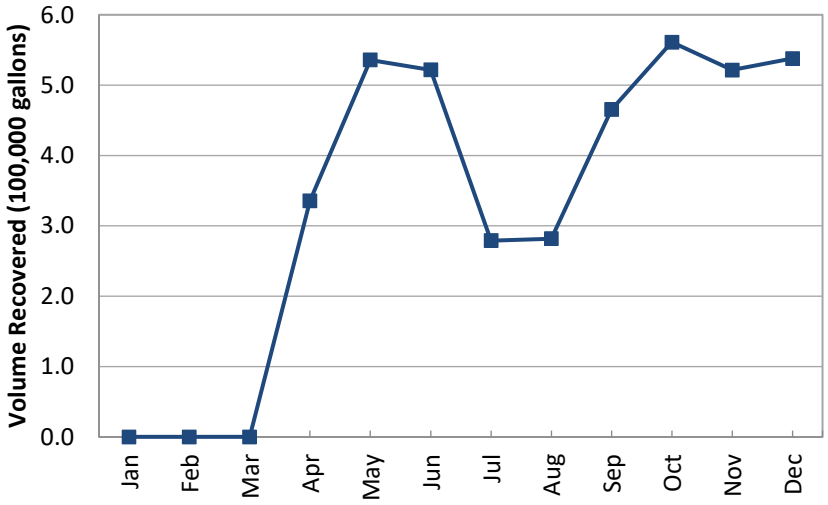
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-7



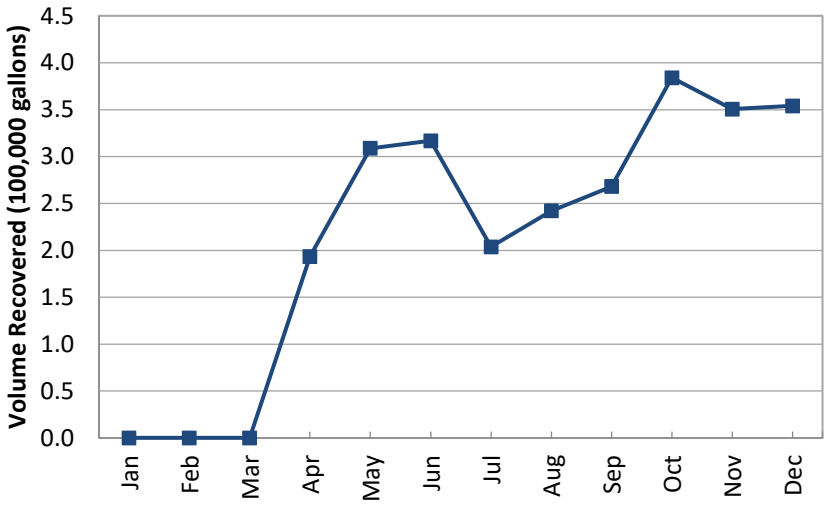
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-9



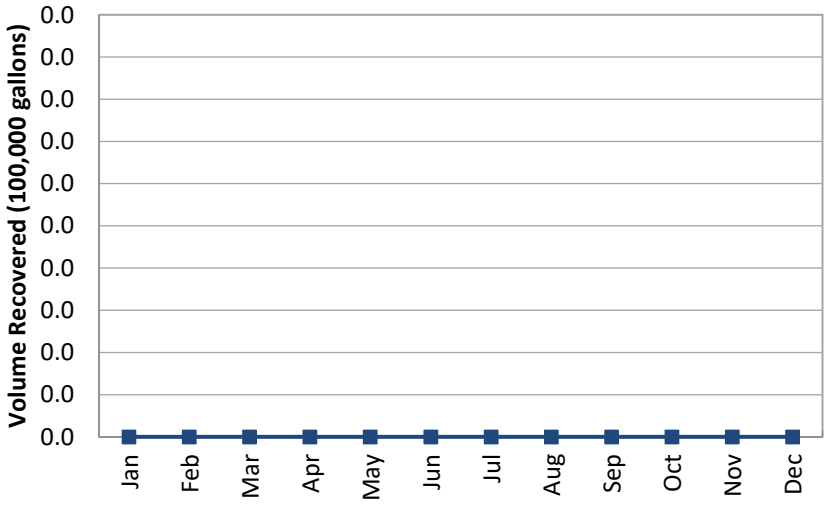
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	335,580
May	535,920
Jun	521,774
Jul	279,163
Aug	281,795
Sep	465,384
Oct	561,120
Nov	521,724
Dec	538,021
Total	**4,040,481**

PTX06-EW-10



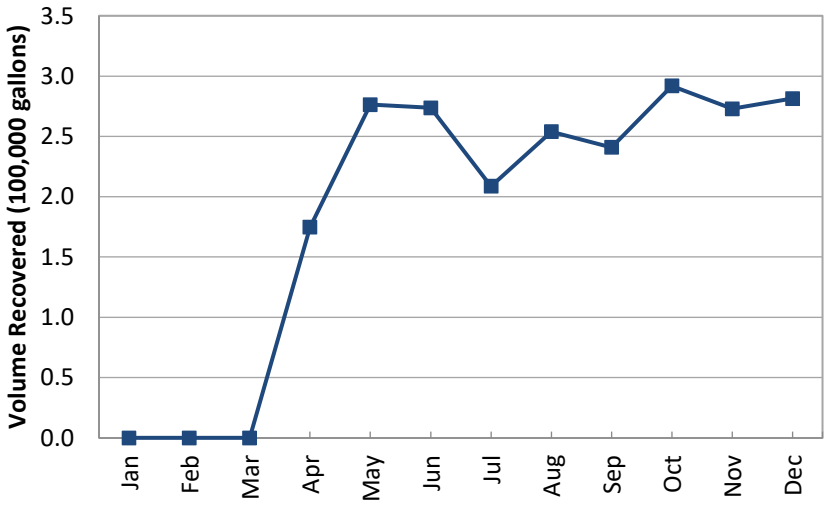
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	193,368
May	308,951
Jun	316,954
Jul	203,622
Aug	242,019
Sep	268,040
Oct	384,077
Nov	350,601
Dec	354,039
Total	**2,621,671**

PTX06-EW-12



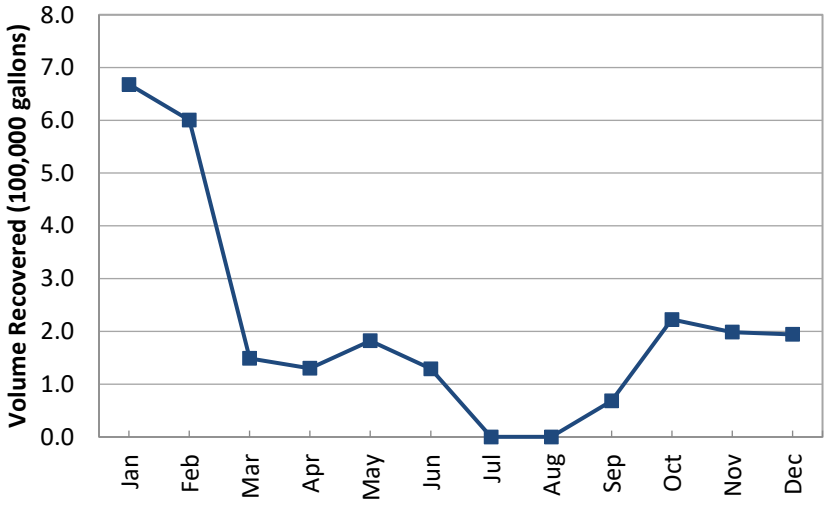
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-15



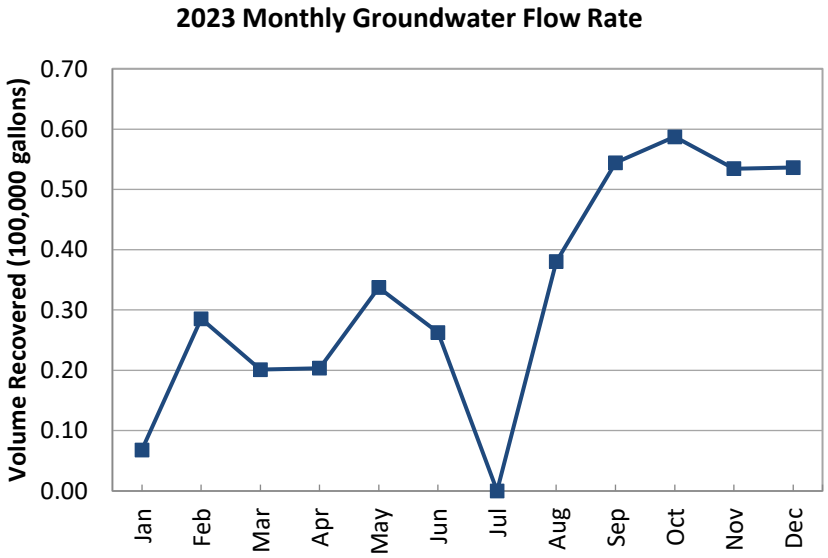
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	174,789
May	276,510
Jun	273,826
Jul	208,706
Aug	254,067
Sep	240,991
Oct	292,005
Nov	273,010
Dec	281,522
Total	**2,275,426**

PTX06-EW-16



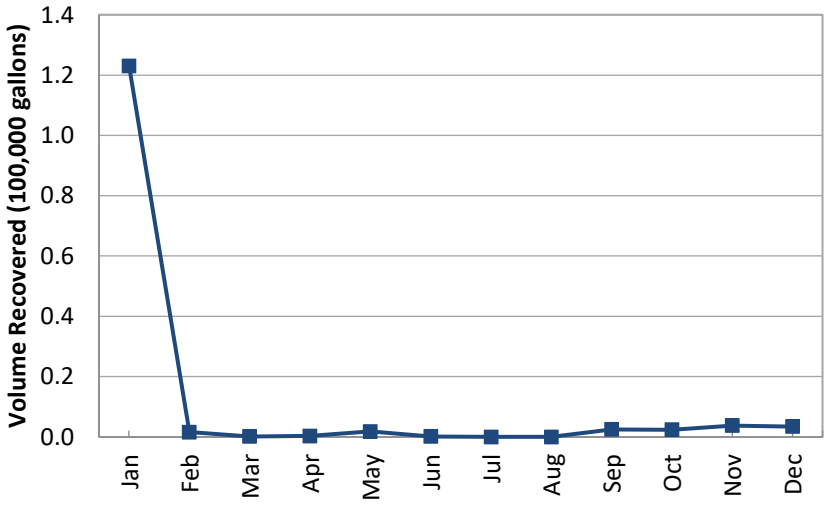
Month	Volume Recovered (gallons)
Jan	668,229
Feb	600,600
Mar	148,863
Apr	130,196
May	182,246
Jun	129,191
Jul	0
Aug	0
Sep	68,430
Oct	222,623
Nov	198,590
Dec	194,490
Total	**2,543,458**

PTX06-EW-17



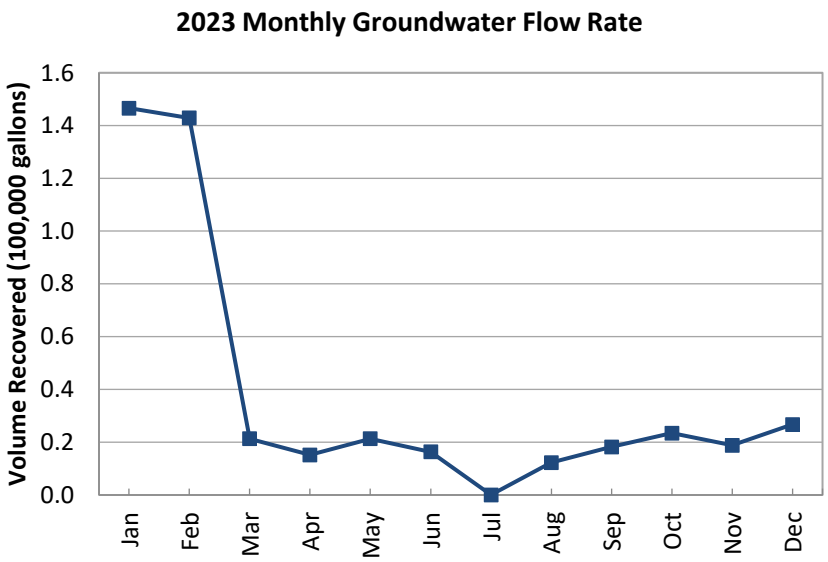
Month	Volume Recovered (gallons)
Jan	6,815
Feb	28,560
Mar	20,124
Apr	20,349
May	33,724
Jun	26,271
Jul	0
Aug	38,026
Sep	54,438
Oct	58,729
Nov	53,451
Dec	53,647
Total	**394,134**

PTX06-EW-18



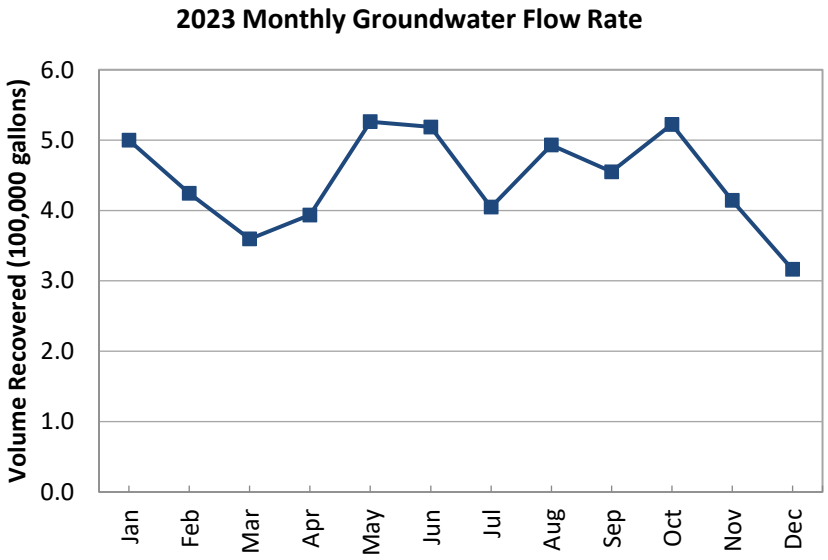
Month	Volume Recovered (gallons)
Jan	123,078
Feb	1,600
Mar	189
Apr	320
May	1,825
Jun	199
Jul	0
Aug	0
Sep	2,494
Oct	2,436
Nov	3,817
Dec	3,447
Total	**139,405**

PTX06-EW-19



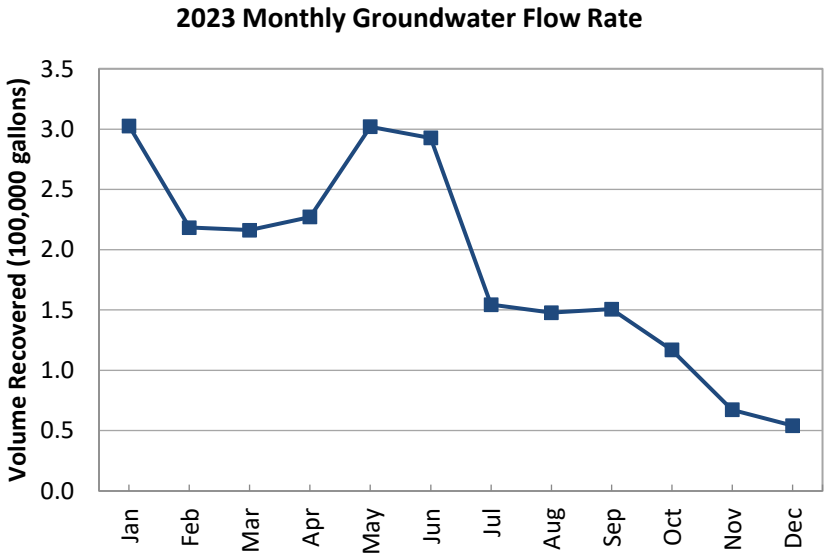
Month	Volume Recovered (gallons)
Jan	146,596
Feb	142,897
Mar	21,316
Apr	15,172
May	21,320
Jun	16,333
Jul	0
Aug	12,279
Sep	18,223
Oct	23,429
Nov	18,812
Dec	26,708
Total	**463,085**

PTX06-EW-20



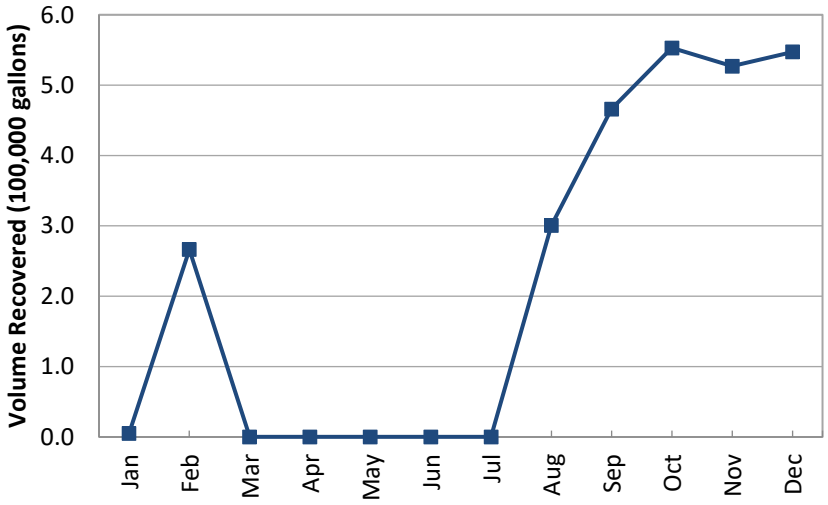
Month	Volume Recovered (gallons)
Jan	499,961
Feb	424,614
Mar	359,555
Apr	393,943
May	526,399
Jun	518,903
Jul	405,092
Aug	493,302
Sep	455,344
Oct	522,625
Nov	414,463
Dec	316,451
Total	**5,330,652**

PTX06-EW-22



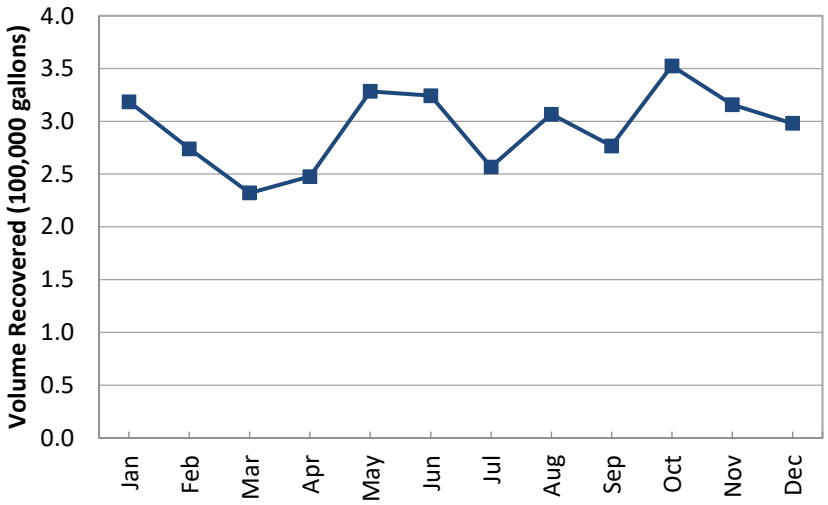
Month	Volume Recovered (gallons)
Jan	302,674
Feb	218,308
Mar	216,271
Apr	227,290
May	302,046
Jun	292,770
Jul	154,425
Aug	147,788
Sep	150,686
Oct	116,837
Nov	67,300
Dec	54,177
Total	**2,250,572**

PTX06-EW-23



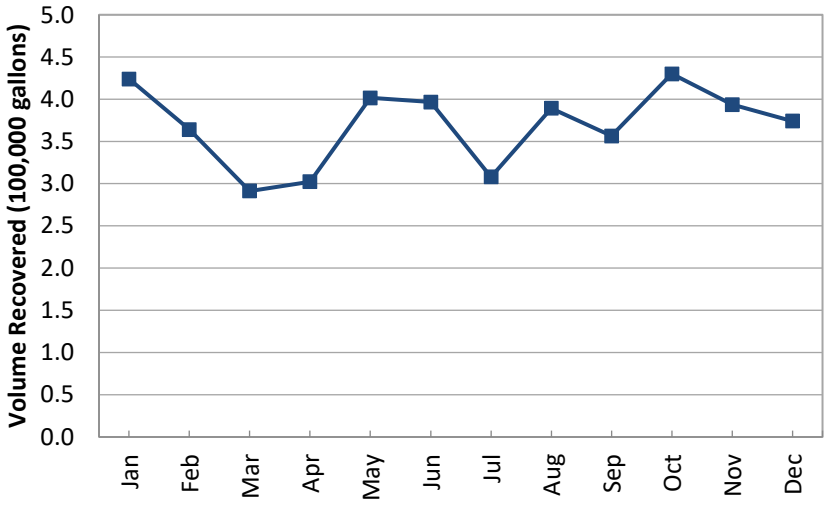
Month	Volume Recovered (gallons)
Jan	5,086
Feb	266,298
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	300,419
Sep	466,112
Oct	553,086
Nov	527,136
Dec	547,399
Total	**2,665,536**

PTX06-EW-24



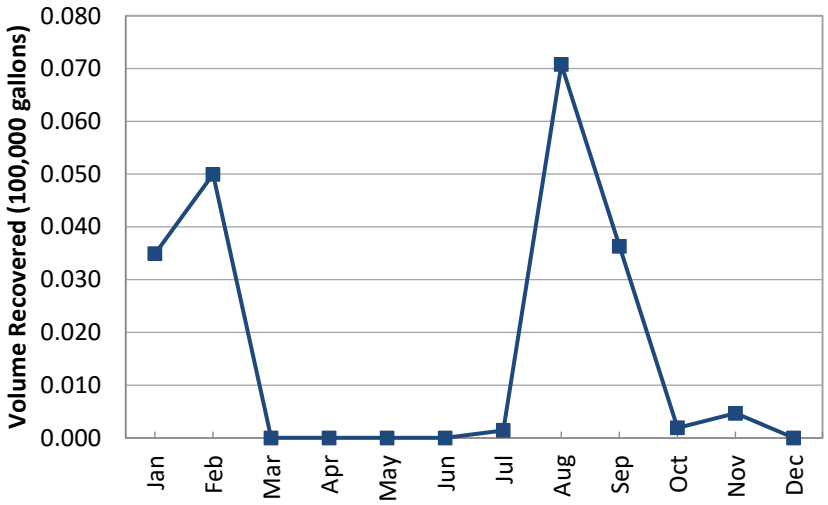
Month	Volume Recovered (gallons)
Jan	318,618
Feb	274,053
Mar	232,175
Apr	247,716
May	328,566
Jun	324,354
Jul	256,813
Aug	306,882
Sep	276,830
Oct	352,687
Nov	316,004
Dec	298,247
Total	**3,532,945**

PTX06-EW-25



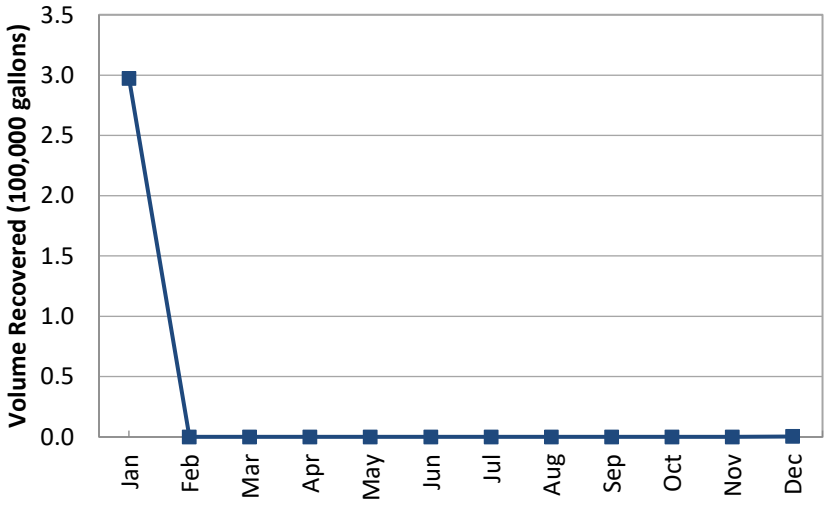
Month	Volume Recovered (gallons)
Jan	424,114
Feb	364,287
Mar	291,378
Apr	302,198
May	401,811
Jun	396,819
Jul	308,033
Aug	389,414
Sep	356,583
Oct	430,142
Nov	393,715
Dec	374,223
Total	**4,432,717**

PTX06-EW-26



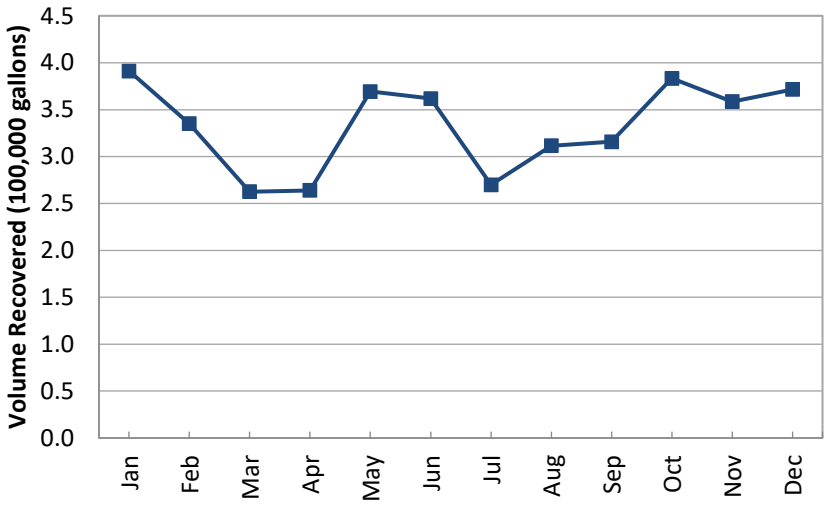
Month	Volume Recovered (gallons)
Jan	3,489
Feb	4,996
Mar	0
Apr	0
May	0
Jun	0
Jul	145
Aug	7,079
Sep	3,634
Oct	193
Nov	468
Dec	0
Total	**20,004**

PTX06-EW-27



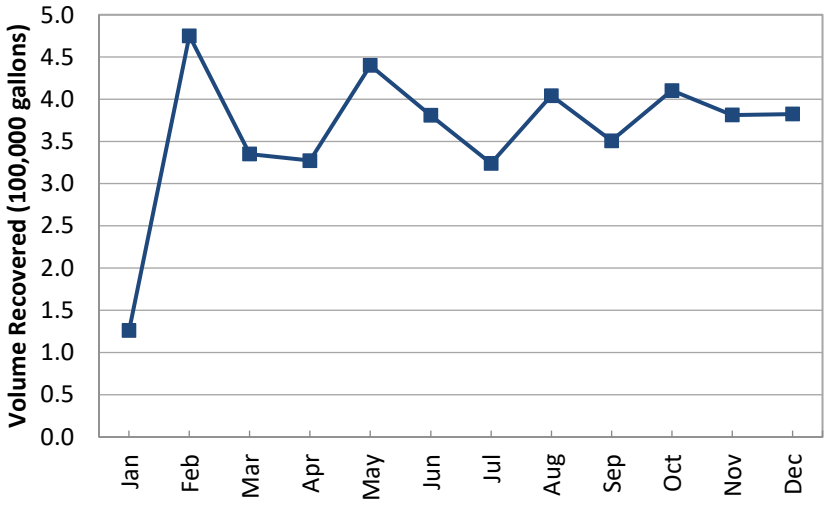
Month	Volume Recovered (gallons)
Jan	297,235
Feb	95
Mar	0
Apr	0
May	0
Jun	116
Jul	0
Aug	112
Sep	0
Oct	0
Nov	0
Dec	471
Total	**298,029**

PTX06-EW-28



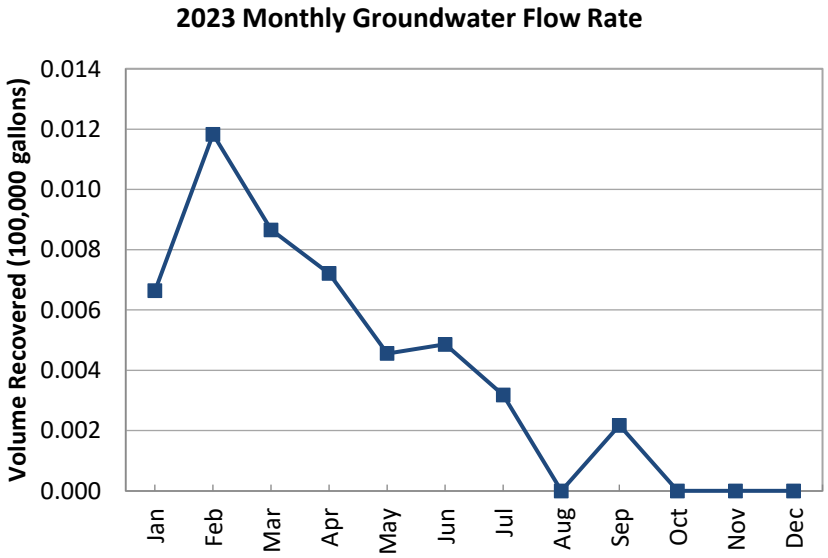
Month	Volume Recovered (gallons)
Jan	391,192
Feb	335,146
Mar	262,585
Apr	263,841
May	369,333
Jun	361,977
Jul	269,842
Aug	311,654
Sep	315,859
Oct	383,378
Nov	358,592
Dec	371,556
Total	**3,994,955**

PTX06-EW-29



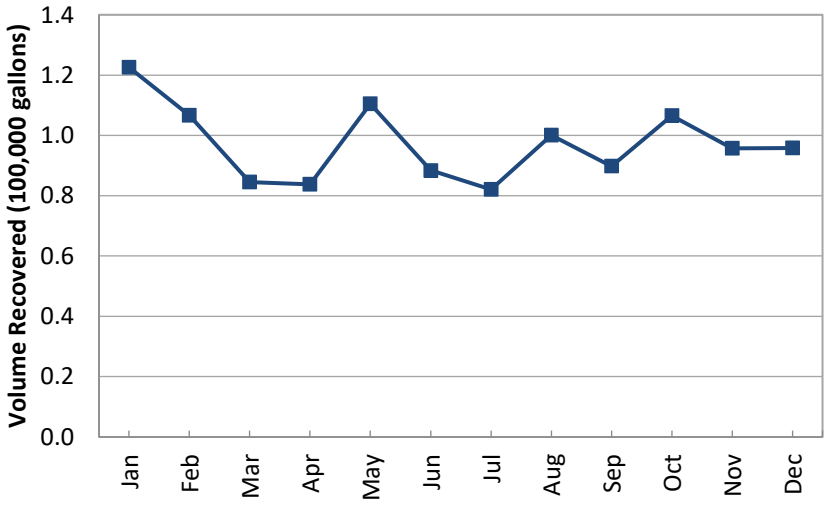
Month	Volume Recovered (gallons)
Jan	126,071
Feb	475,259
Mar	335,209
Apr	327,515
May	440,235
Jun	381,099
Jul	323,996
Aug	404,376
Sep	350,935
Oct	410,385
Nov	381,378
Dec	382,551
Total	**4,339,009**

PTX06-EW-30



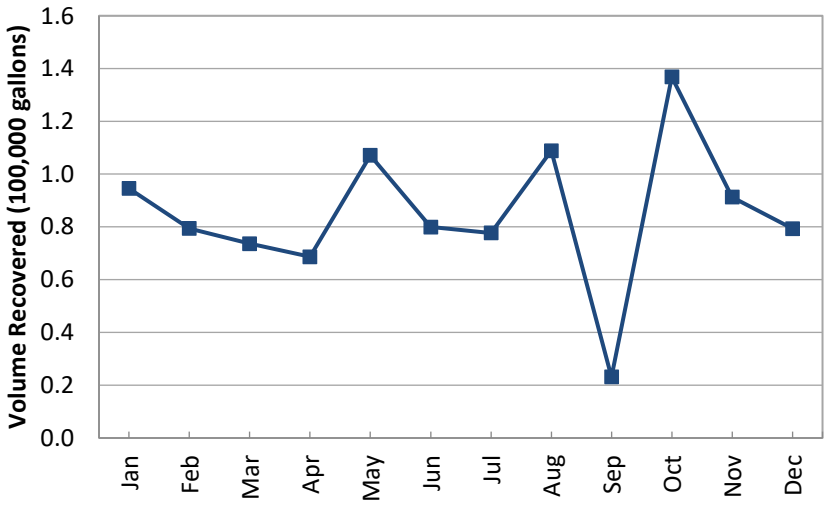
Month	Volume Recovered (gallons)
Jan	664
Feb	1,183
Mar	866
Apr	721
May	456
Jun	486
Jul	318
Aug	0
Sep	218
Oct	0
Nov	0
Dec	0
Total	**4,912**

PTX06-EW-31



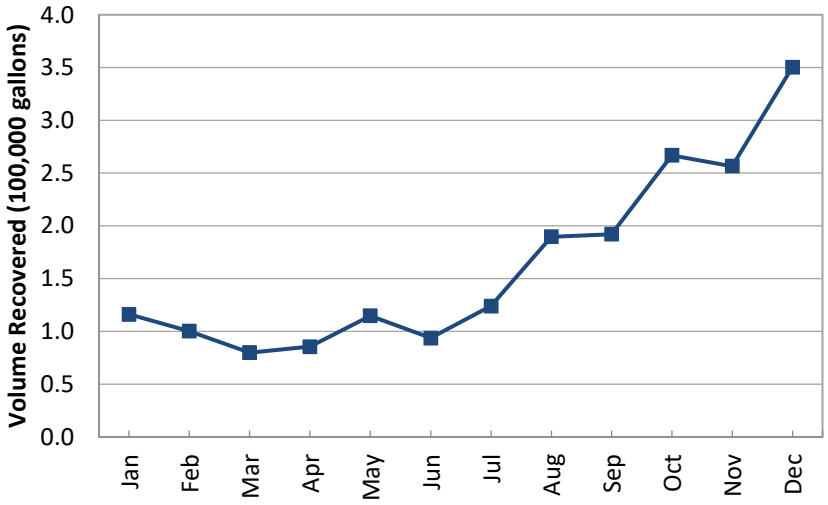
Month	Volume Recovered (gallons)
Jan	122,611
Feb	106,711
Mar	84,527
Apr	83,767
May	110,517
Jun	88,411
Jul	82,075
Aug	100,140
Sep	89,853
Oct	106,618
Nov	95,770
Dec	95,904
Total	**1,166,904**

PTX06-EW-32



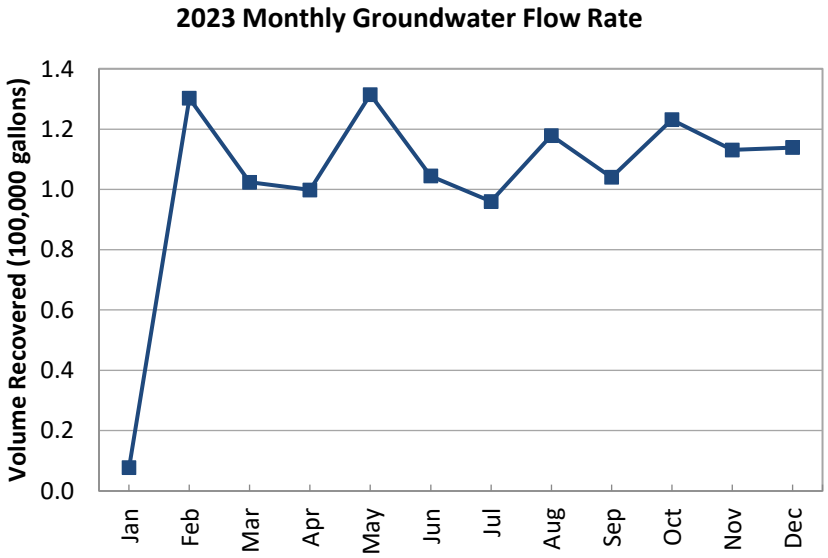
Month	Volume Recovered (gallons)
Jan	94,529
Feb	79,375
Mar	73,606
Apr	68,651
May	107,184
Jun	79,965
Jul	77,690
Aug	108,912
Sep	23,122
Oct	136,877
Nov	91,259
Dec	79,342
Total	**1,020,512**

PTX06-EW-33



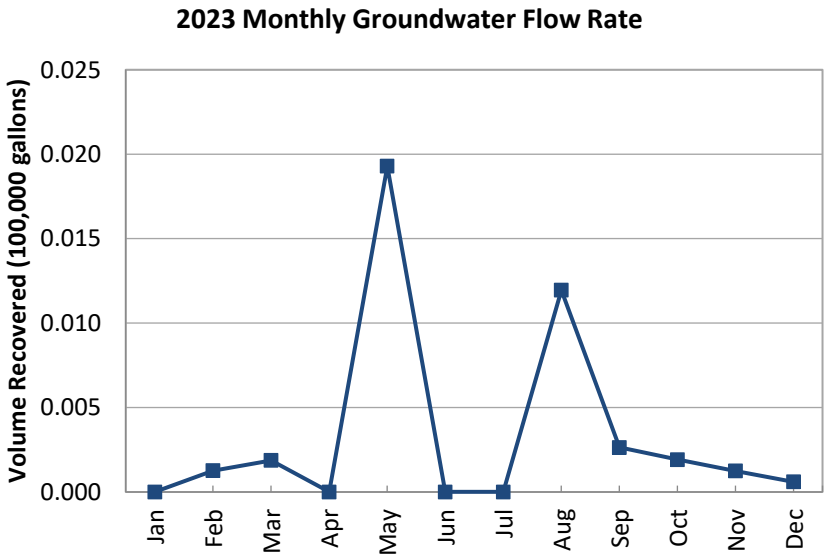
Month	Volume Recovered (gallons)
Jan	116,189
Feb	100,192
Mar	79,875
Apr	85,568
May	114,883
Jun	93,704
Jul	124,054
Aug	189,691
Sep	192,132
Oct	266,916
Nov	256,611
Dec	350,490
Total	**1,970,305**

PTX06-EW-34



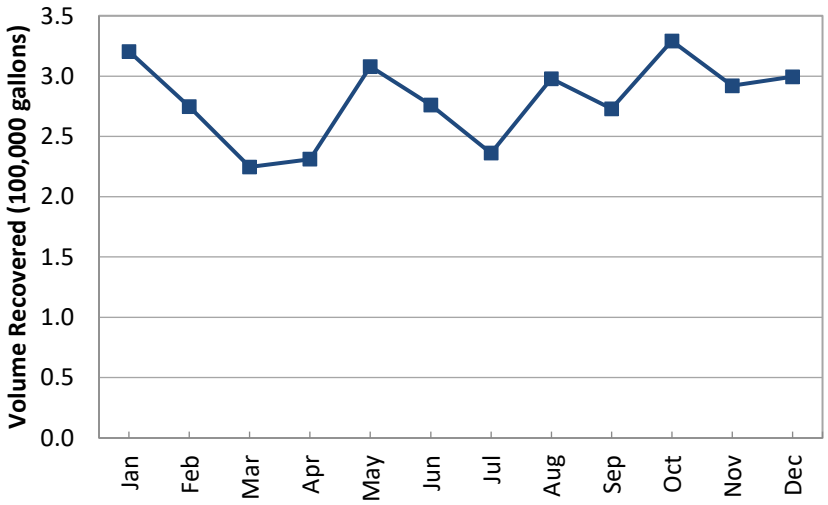
Month	Volume Recovered (gallons)
Jan	7,716
Feb	130,242
Mar	102,391
Apr	99,844
May	131,470
Jun	104,483
Jul	96,068
Aug	117,908
Sep	104,048
Oct	123,147
Nov	113,116
Dec	113,914
Total	**1,244,347**

PTX06-EW-35



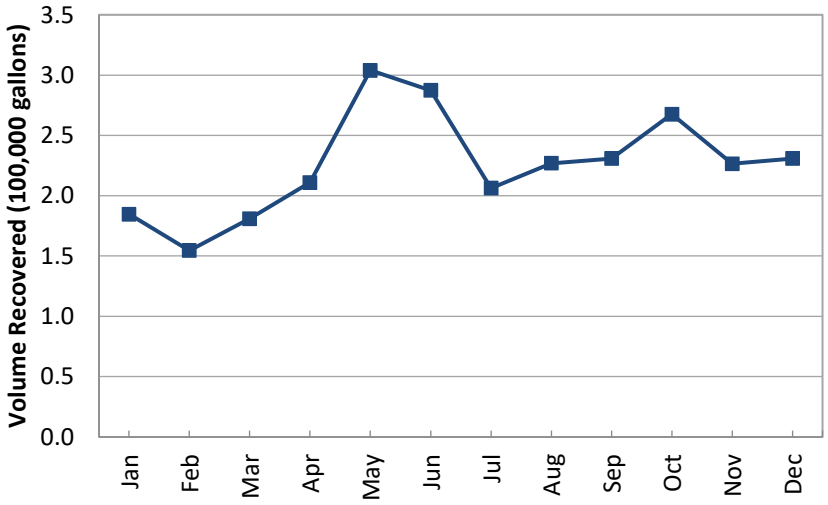
Month	Volume Recovered (gallons)
Jan	0
Feb	126
Mar	187
Apr	0
May	1,930
Jun	0
Jul	0
Aug	1,195
Sep	264
Oct	192
Nov	125
Dec	60
Total	**4,079**

PTX06-EW-36



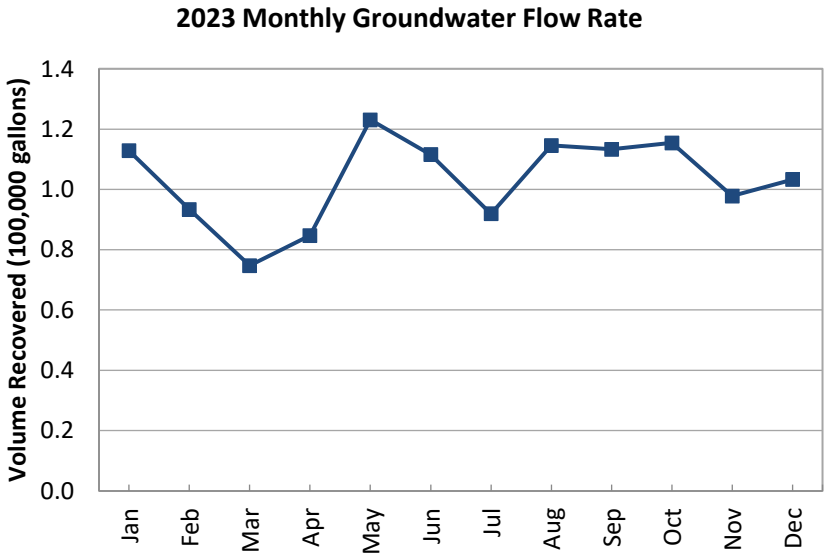
Month	Volume Recovered (gallons)
Jan	320,496
Feb	274,681
Mar	224,658
Apr	231,189
May	307,968
Jun	276,203
Jul	236,207
Aug	297,978
Sep	272,971
Oct	329,271
Nov	292,100
Dec	299,545
Total	**3,363,267**

PTX06-EW-37



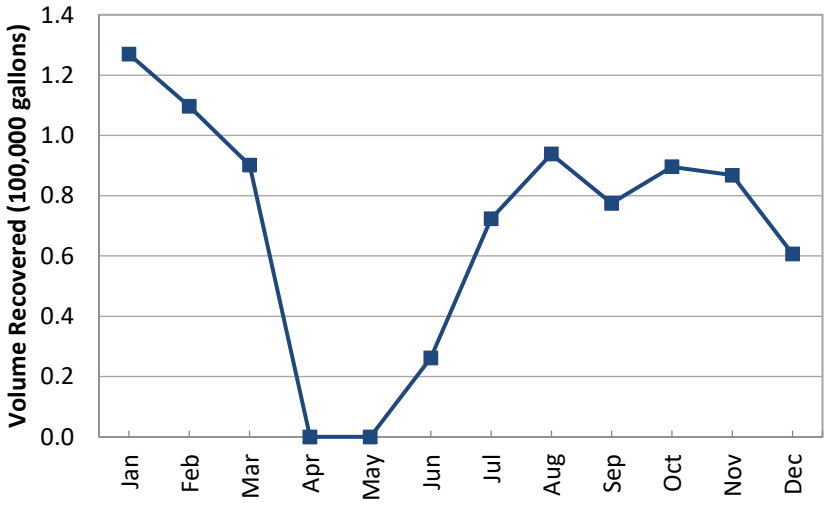
Month	Volume Recovered (gallons)
Jan	184,723
Feb	154,511
Mar	180,973
Apr	210,910
May	304,060
Jun	287,491
Jul	206,280
Aug	227,014
Sep	230,951
Oct	267,692
Nov	226,567
Dec	230,918
Total	**2,712,090**

PTX06-EW-38



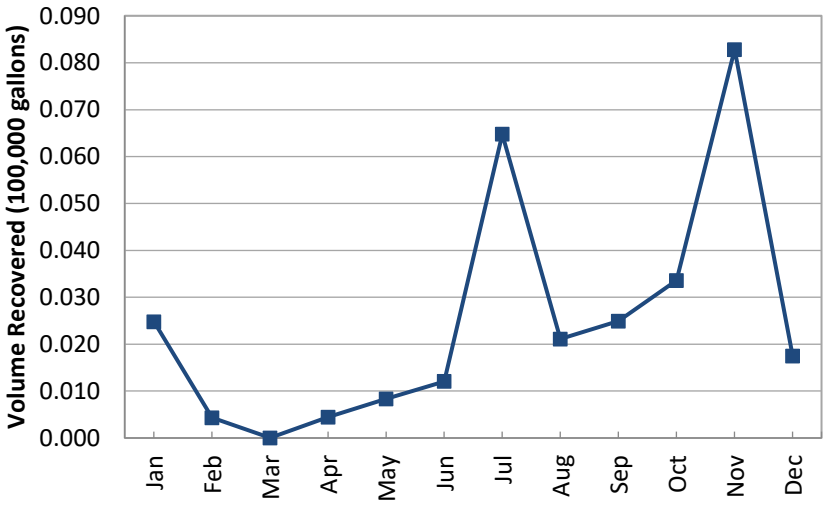
Month	Volume Recovered (gallons)
Jan	112,850
Feb	93,390
Mar	74,703
Apr	84,674
May	123,119
Jun	111,566
Jul	91,980
Aug	114,626
Sep	113,313
Oct	115,450
Nov	97,859
Dec	103,290
Total	**1,236,820**

PTX06-EW-39



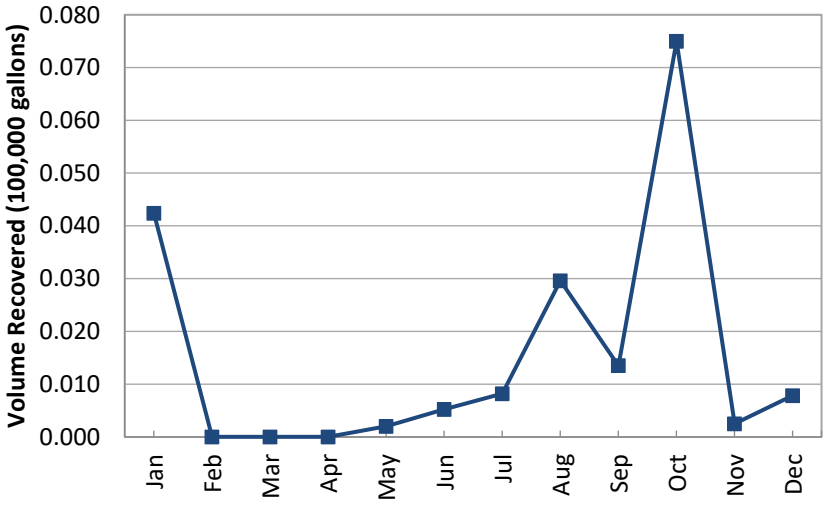
Month	Volume Recovered (gallons)
Jan	126,971
Feb	109,671
Mar	90,131
Apr	0
May	0
Jun	26,200
Jul	72,320
Aug	93,854
Sep	77,485
Oct	89,604
Nov	86,799
Dec	60,731
Total	**833,766**

PTX06-EW-40



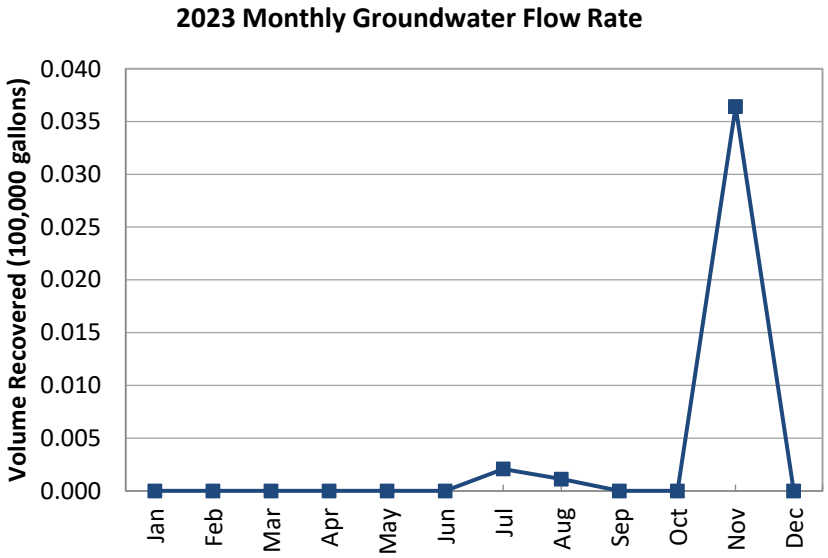
Month	Volume Recovered (gallons)
Jan	2,478
Feb	430
Mar	0
Apr	446
May	835
Jun	1,207
Jul	6,476
Aug	2,109
Sep	2,492
Oct	3,359
Nov	8,282
Dec	1,744
Total	**29,858**

PTX06-EW-41



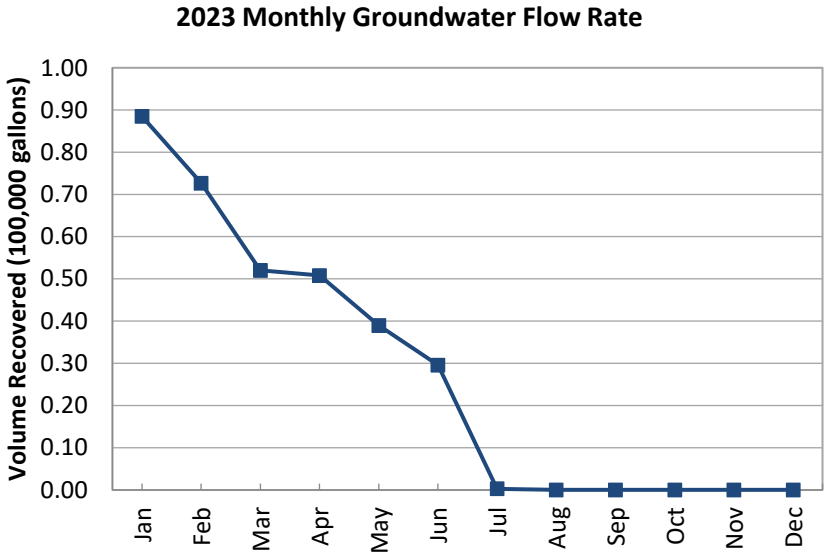
Month	Volume Recovered (gallons)
Jan	4,235
Feb	0
Mar	0
Apr	0
May	200
Jun	523
Jul	820
Aug	2,959
Sep	1,350
Oct	7,501
Nov	251
Dec	785
Total	**18,624**

PTX06-EW-42



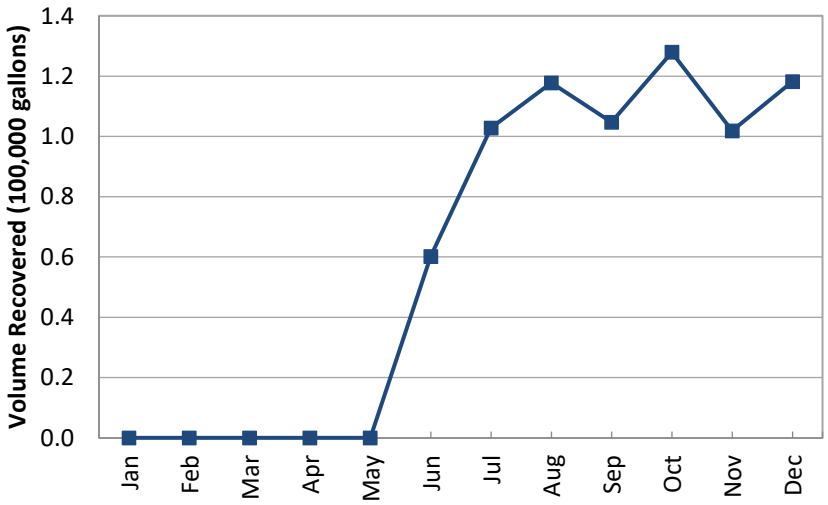
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	209
Aug	113
Sep	0
Oct	0
Nov	3,643
Dec	0
Total	**3,965**

PTX06-EW-43



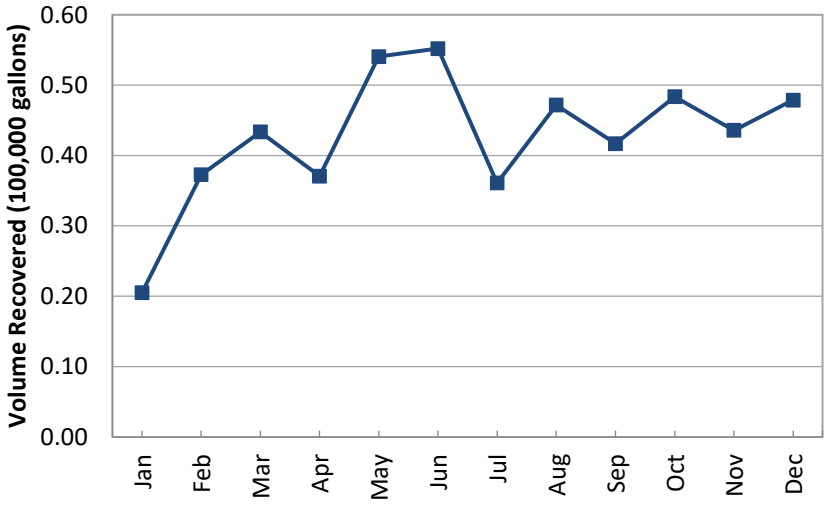
Month	Volume Recovered (gallons)
Jan	88,537
Feb	72,688
Mar	52,006
Apr	50,796
May	38,957
Jun	29,560
Jul	274
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**332,818**

PTX06-EW-44



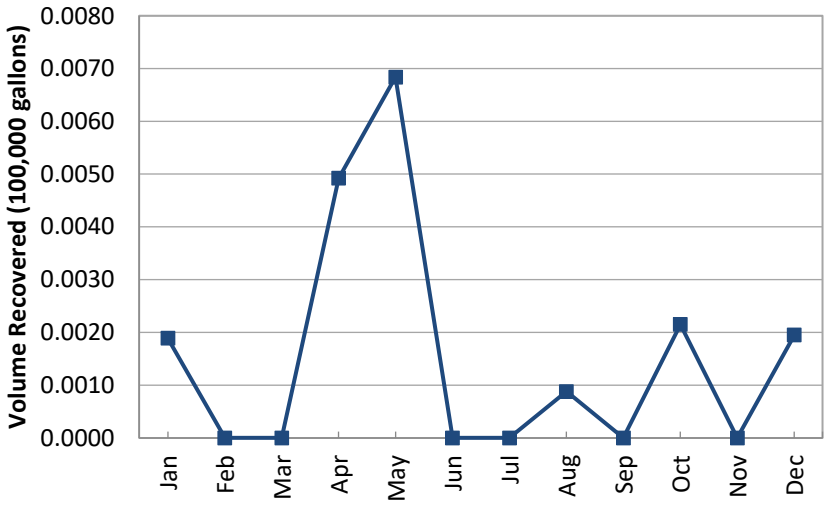
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	60,195
Jul	102,851
Aug	117,771
Sep	104,735
Oct	127,906
Nov	101,888
Dec	118,233
Total	**733,579**

PTX06-EW-45



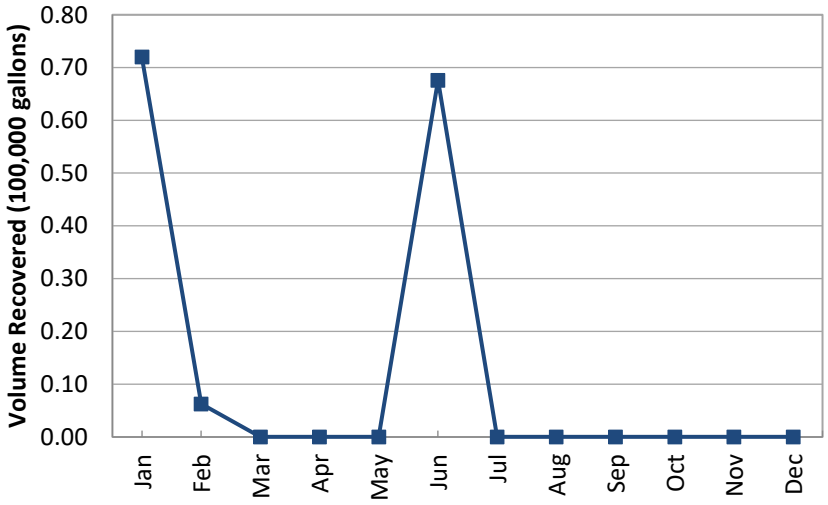
Month	Volume Recovered (gallons)
Jan	20,486
Feb	37,272
Mar	43,375
Apr	37,078
May	54,085
Jun	55,202
Jul	36,098
Aug	47,175
Sep	41,697
Oct	48,376
Nov	43,584
Dec	47,884
Total	**512,312**

PTX06-EW-46



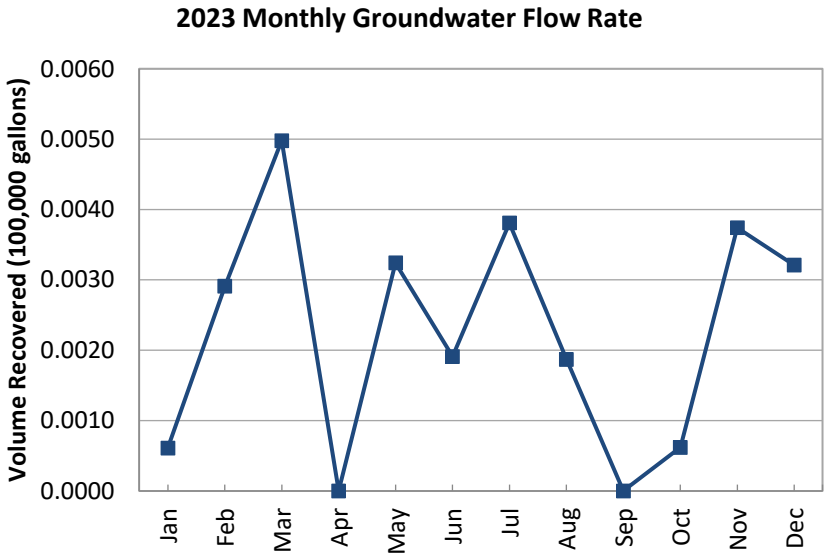
Month	Volume Recovered (gallons)
Jan	189
Feb	0
Mar	0
Apr	492
May	684
Jun	0
Jul	0
Aug	88
Sep	0
Oct	215
Nov	0
Dec	195
Total	**1,863**

PTX06-EW-48



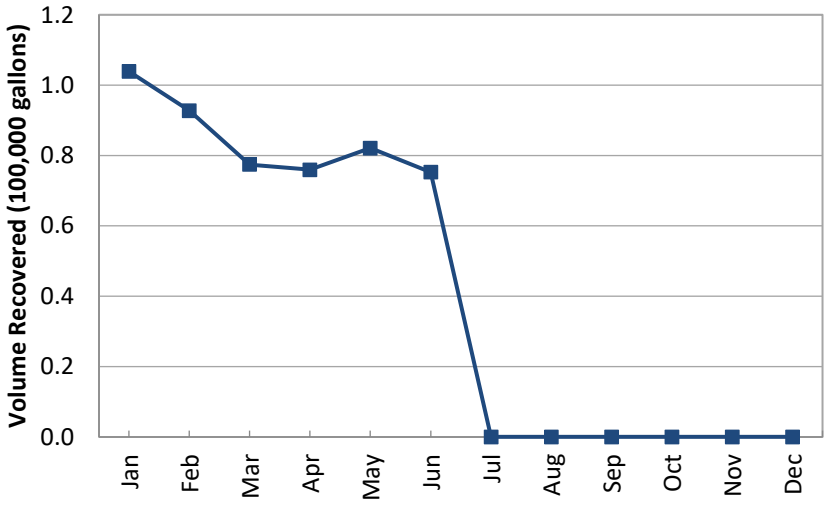
Month	Volume Recovered (gallons)
Jan	72,016
Feb	6,251
Mar	0
Apr	0
May	0
Jun	67,623
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**145,890**

PTX06-EW-49



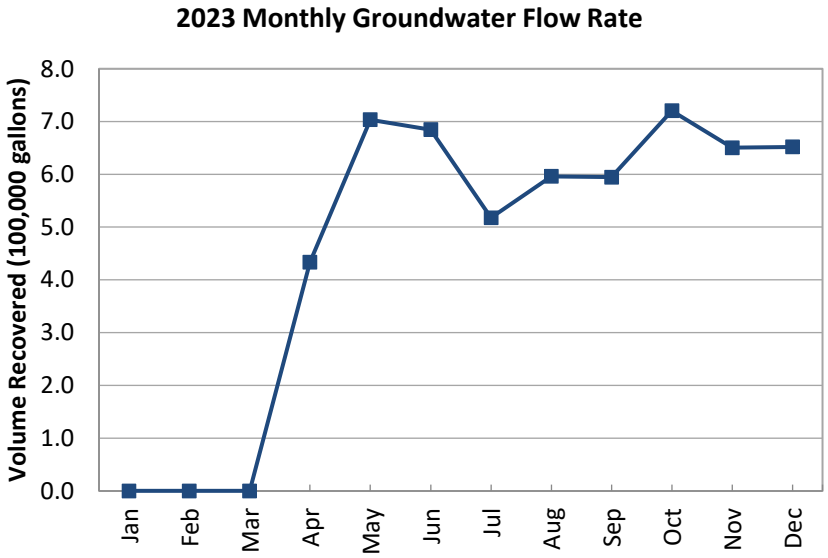
Month	Volume Recovered (gallons)
Jan	61
Feb	291
Mar	498
Apr	0
May	324
Jun	191
Jul	381
Aug	187
Sep	0
Oct	62
Nov	374
Dec	321
Total	**2,690**

PTX06-EW-50



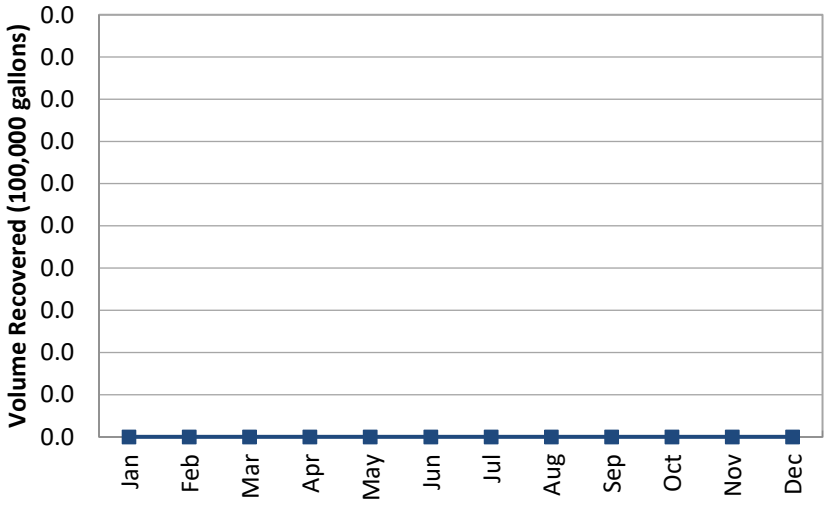
Month	Volume Recovered (gallons)
Jan	103,899
Feb	92,802
Mar	77,478
Apr	75,951
May	82,159
Jun	75,274
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**507,563**

PTX06-EW-51



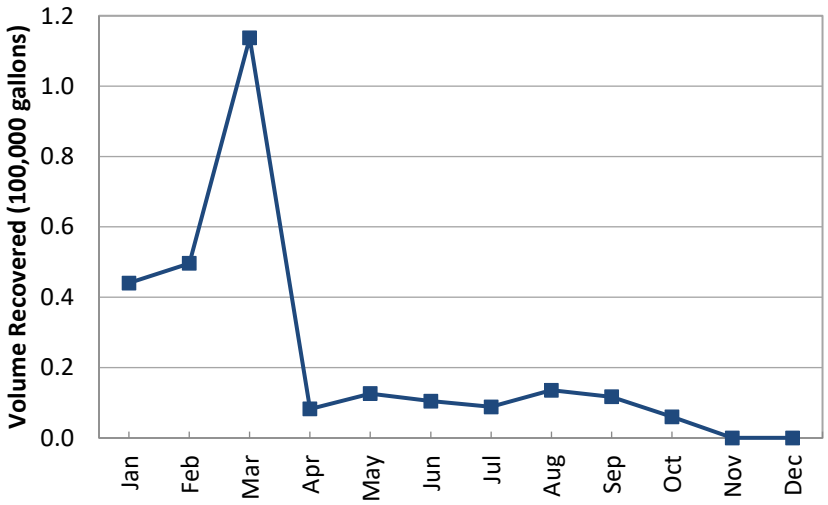
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	433,673
May	703,836
Jun	684,851
Jul	517,985
Aug	596,531
Sep	594,850
Oct	720,842
Nov	650,645
Dec	652,145
Total	**5,555,358**

PTX06-EW-53



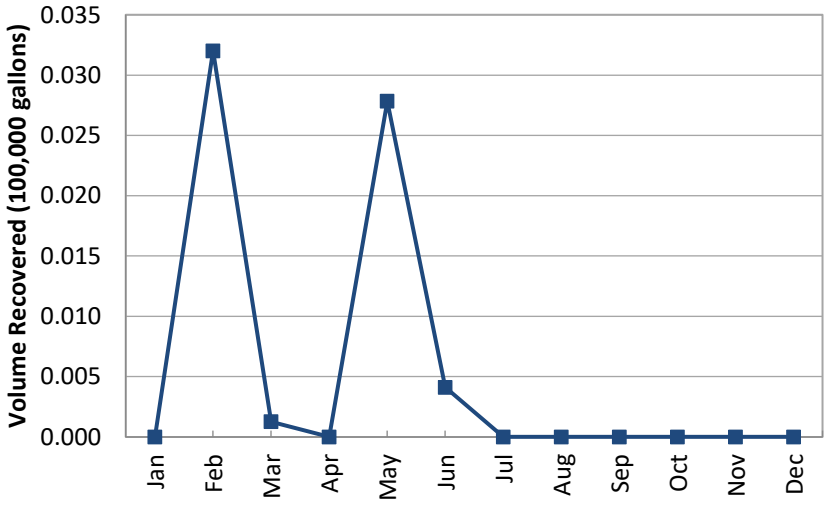
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-54



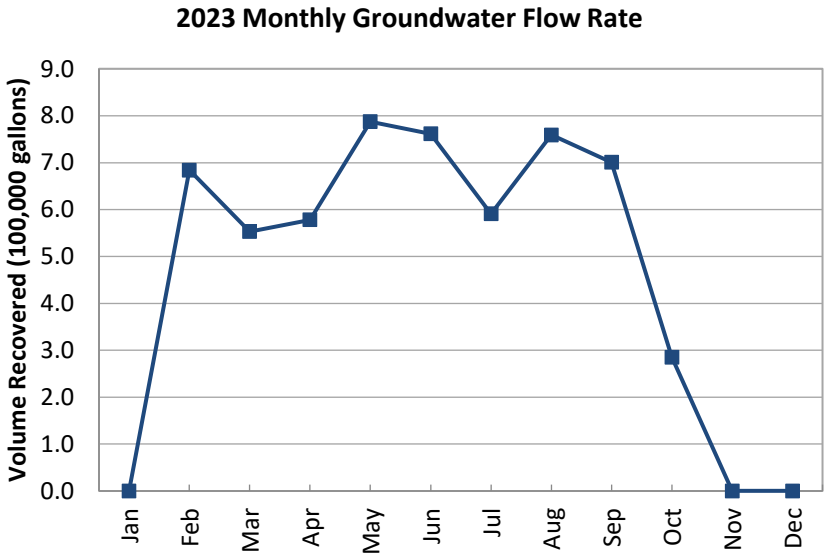
Month	Volume Recovered (gallons)
Jan	44,014
Feb	49,628
Mar	113,755
Apr	8,234
May	12,627
Jun	10,479
Jul	8,845
Aug	13,588
Sep	11,687
Oct	6,005
Nov	0
Dec	0
Total	**278,862**

PTX06-EW-55



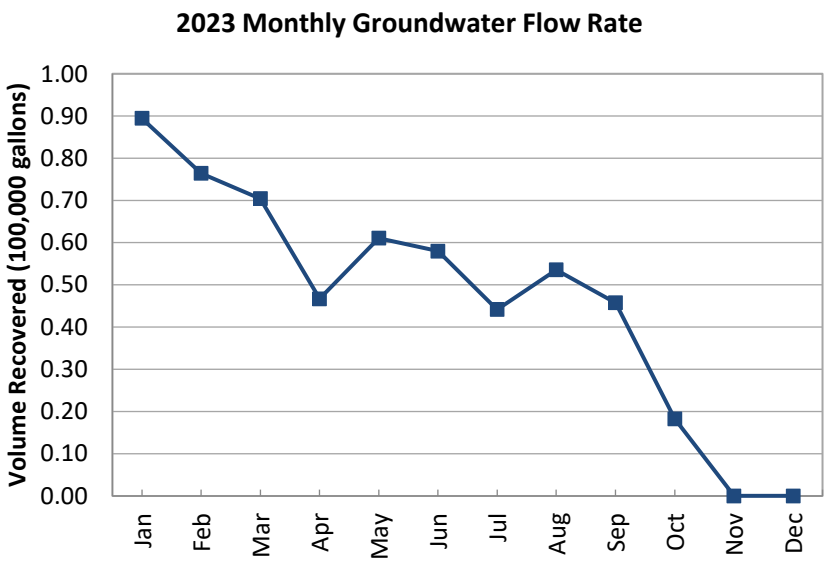
Month	Volume Recovered (gallons)
Jan	0
Feb	3,202
Mar	126
Apr	0
May	2,785
Jun	412
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**6,525**

PTX06-EW-56



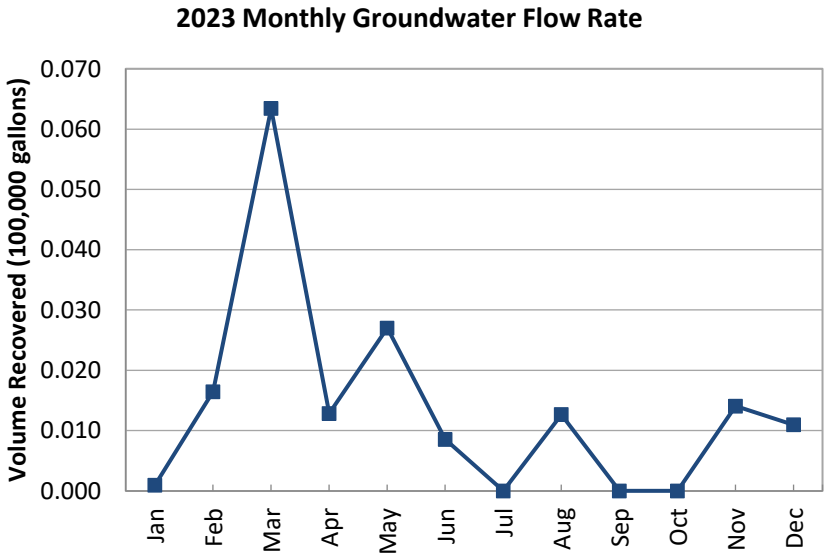
Month	Volume Recovered (gallons)
Jan	0
Feb	684,110
Mar	552,978
Apr	578,347
May	787,719
Jun	761,682
Jul	591,197
Aug	759,189
Sep	700,877
Oct	285,236
Nov	0
Dec	0
Total	**5,701,335**

PTX06-EW-57



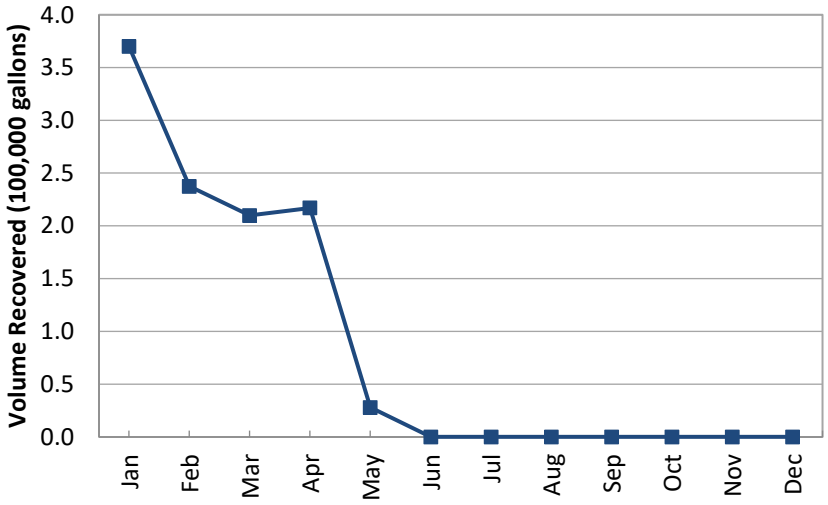
Month	Volume Recovered (gallons)
Jan	89,473
Feb	76,431
Mar	70,468
Apr	46,688
May	61,079
Jun	57,999
Jul	44,158
Aug	53,547
Sep	45,761
Oct	18,275
Nov	0
Dec	0
Total	**563,879**

PTX06-EW-58



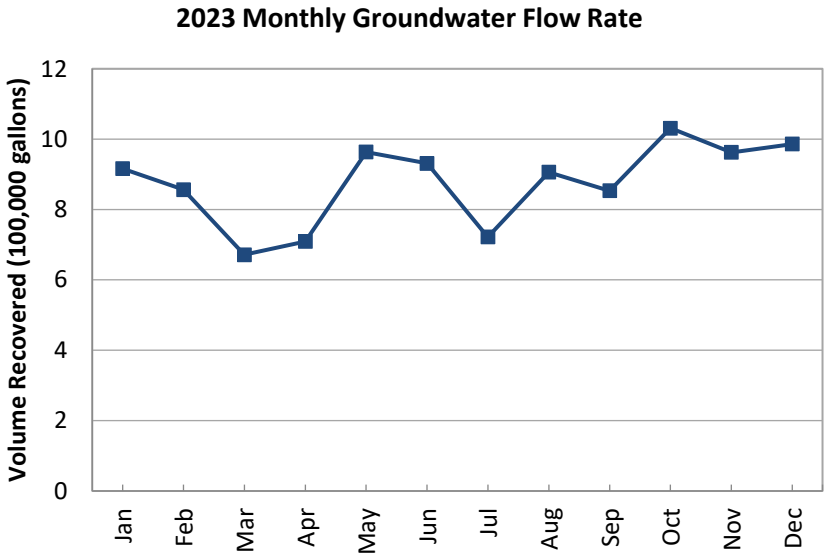
Month	Volume Recovered (gallons)
Jan	96
Feb	1,645
Mar	6,342
Apr	1,285
May	2,701
Jun	856
Jul	0
Aug	1,267
Sep	0
Oct	0
Nov	1,408
Dec	1,096
Total	**16,696**

PTX06-EW-59



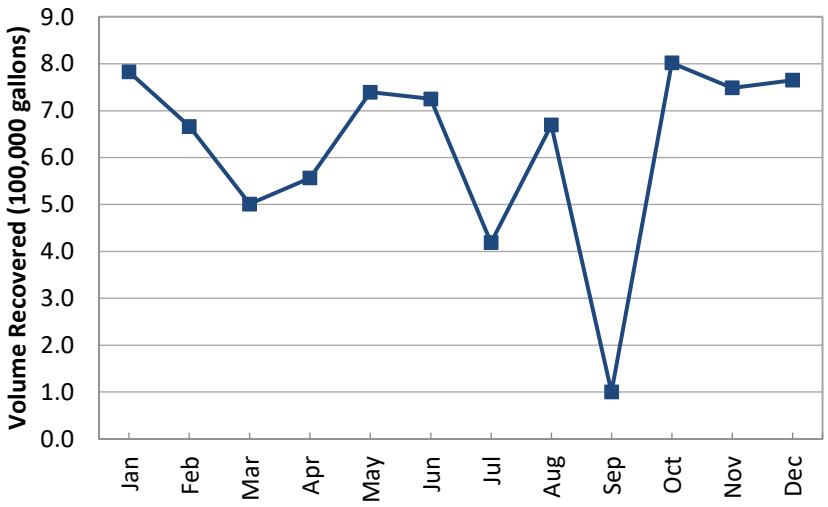
Month	Volume Recovered (gallons)
Jan	370,051
Feb	237,399
Mar	209,851
Apr	216,897
May	27,890
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**1,062,088**

PTX06-EW-60



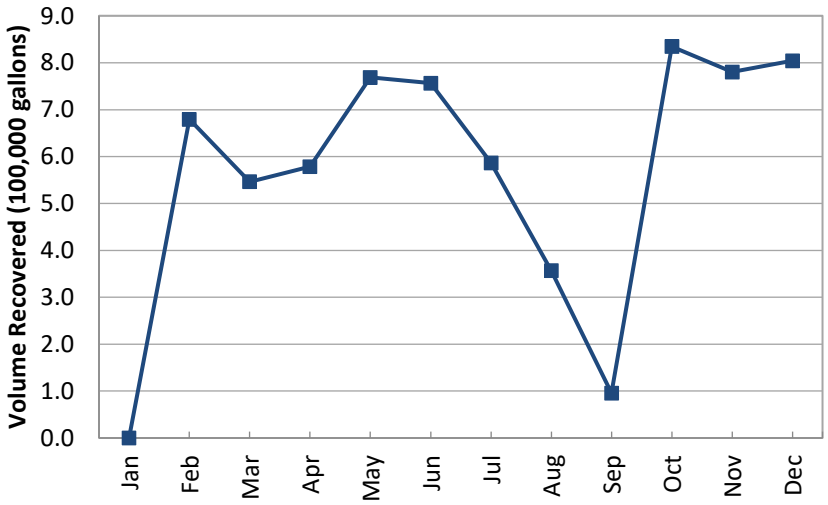
Month	Volume Recovered (gallons)
Jan	916,498
Feb	856,768
Mar	671,562
Apr	709,106
May	963,628
Jun	931,406
Jul	721,970
Aug	906,361
Sep	853,630
Oct	1,031,464
Nov	962,788
Dec	986,635
Total	**10,511,816**

PTX06-EW-61



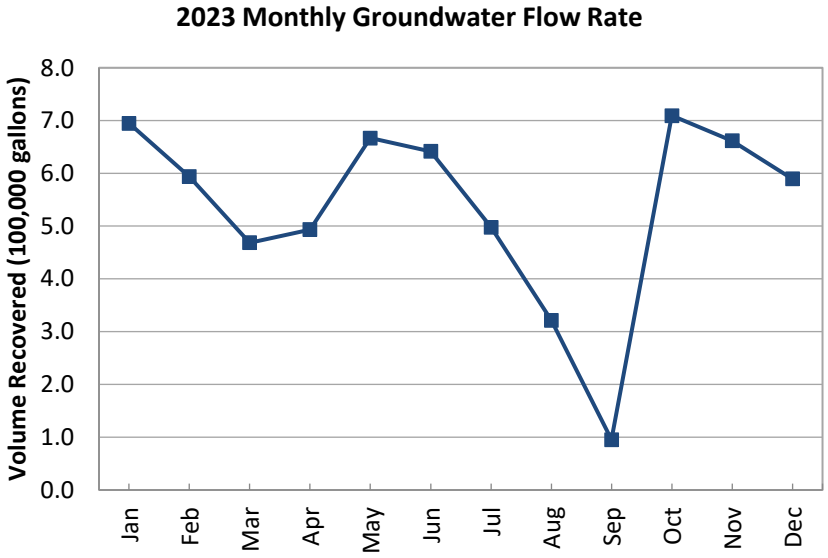
Month	Volume Recovered (gallons)
Jan	782,717
Feb	666,625
Mar	500,929
Apr	556,224
May	739,358
Jun	725,150
Jul	418,540
Aug	669,470
Sep	100,219
Oct	801,819
Nov	748,788
Dec	765,218
Total	**7,475,057**

PTX06-EW-62



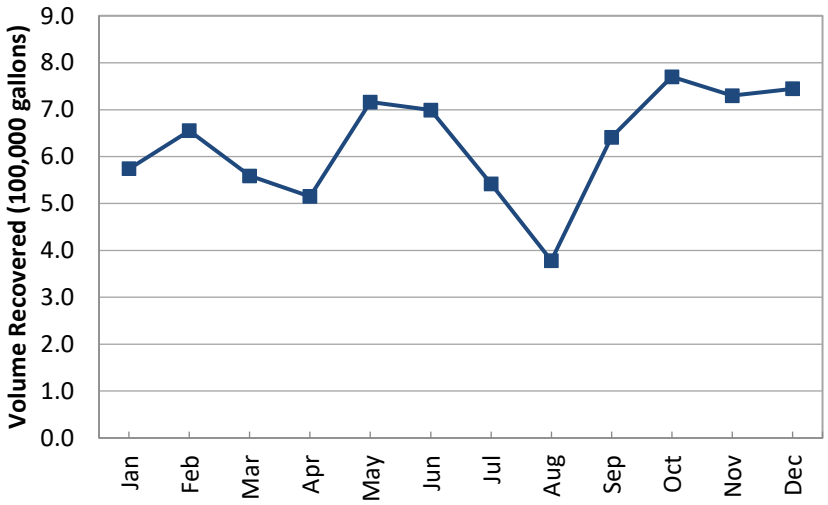
Month	Volume Recovered (gallons)
Jan	0
Feb	679,512
Mar	546,004
Apr	578,493
May	768,688
Jun	756,536
Jul	586,608
Aug	356,552
Sep	95,510
Oct	834,516
Nov	780,266
Dec	804,391
Total	**6,787,076**

PTX06-EW-63



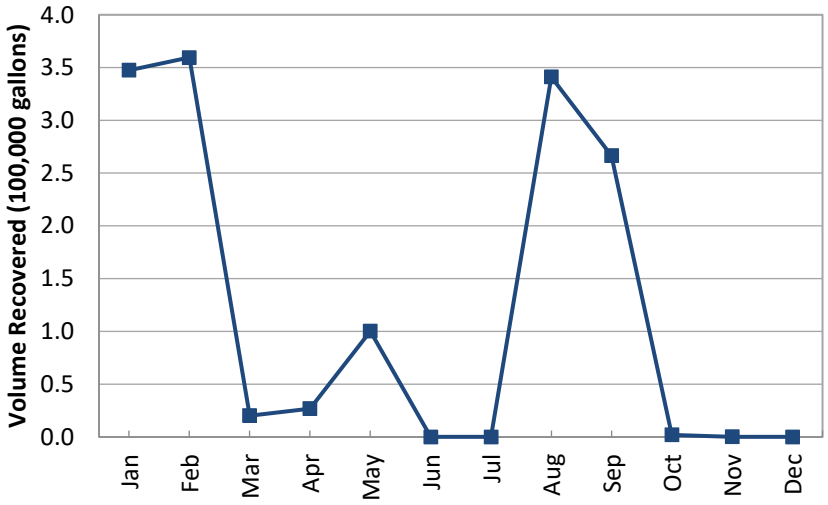
Month	Volume Recovered (gallons)
Jan	694,936
Feb	593,991
Mar	468,400
Apr	493,259
May	666,895
Jun	641,736
Jul	497,914
Aug	321,491
Sep	95,194
Oct	709,617
Nov	661,900
Dec	589,846
Total	**6,435,179**

PTX06-EW-64



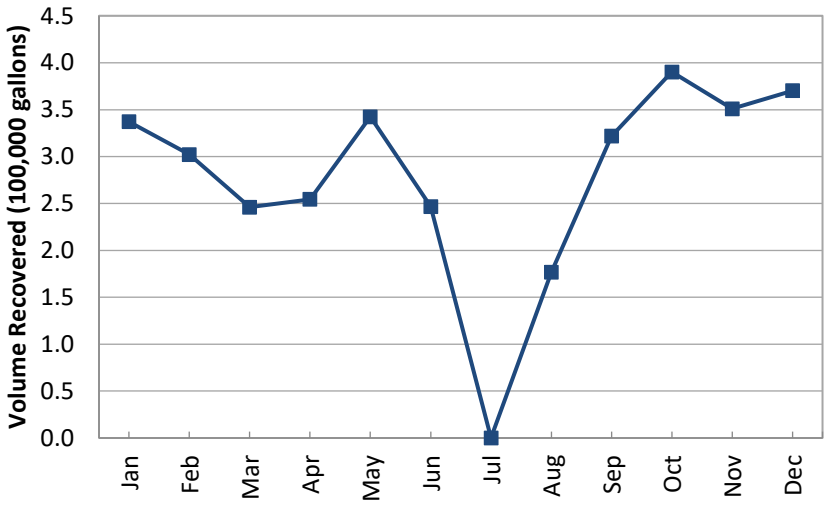
Month	Volume Recovered (gallons)
Jan	574,118
Feb	655,254
Mar	558,626
Apr	514,792
May	716,388
Jun	699,312
Jul	541,873
Aug	377,863
Sep	641,207
Oct	770,201
Nov	729,814
Dec	744,784
Total	**7,524,232**

PTX06-EW-65



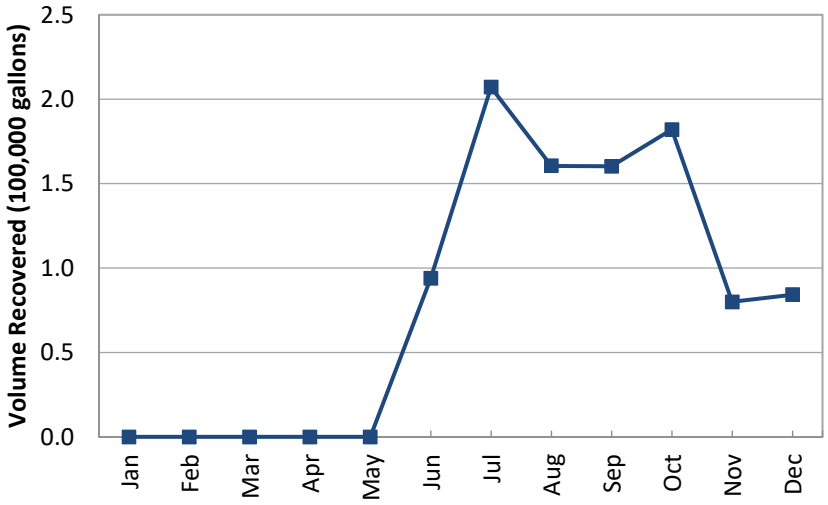
Month	Volume Recovered (gallons)
Jan	347,651
Feb	359,536
Mar	20,279
Apr	26,897
May	100,313
Jun	0
Jul	0
Aug	341,205
Sep	266,725
Oct	2,116
Nov	167
Dec	0
Total	**1,464,889**

PTX06-EW-66



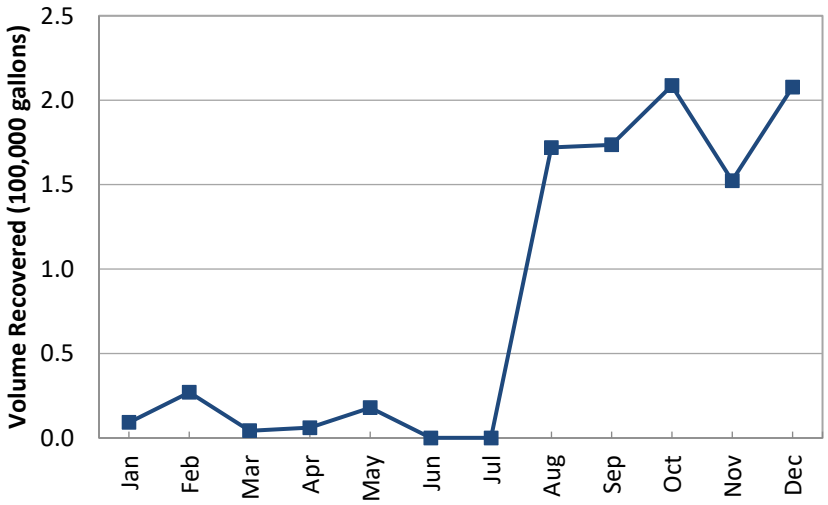
Month	Volume Recovered (gallons)
Jan	337,215
Feb	302,295
Mar	246,020
Apr	254,234
May	342,484
Jun	246,642
Jul	0
Aug	176,610
Sep	321,889
Oct	390,246
Nov	350,977
Dec	370,255
Total	**3,338,867**

PTX06-EW-67



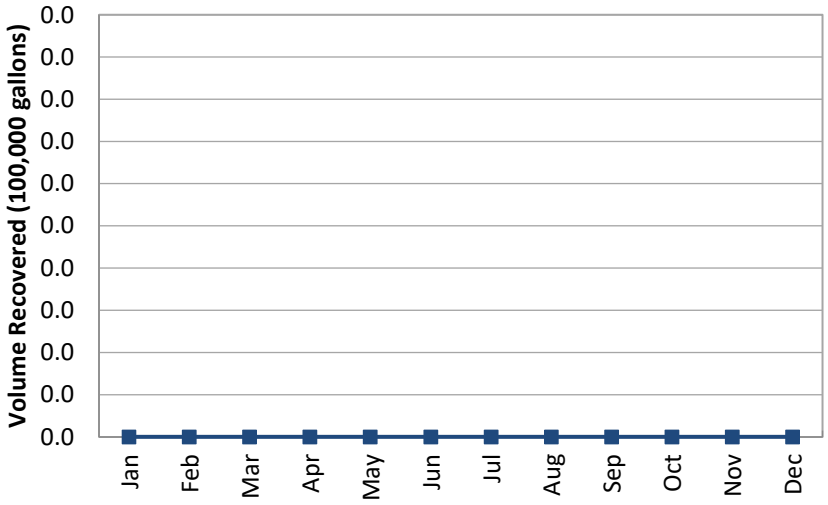
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	93,898
Jul	207,222
Aug	160,648
Sep	160,285
Oct	182,160
Nov	79,960
Dec	84,246
Total	**968,419**

PTX06-EW-68



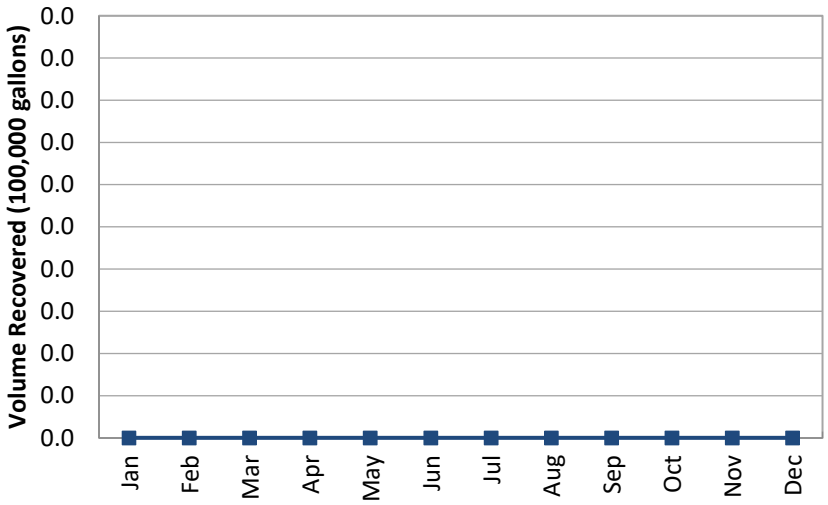
Month	Volume Recovered (gallons)
Jan	9,268
Feb	27,009
Mar	4,346
Apr	6,092
May	17,925
Jun	0
Jul	0
Aug	172,091
Sep	173,712
Oct	208,725
Nov	152,412
Dec	207,781
Total	**979,361**

PTX06-EW-83



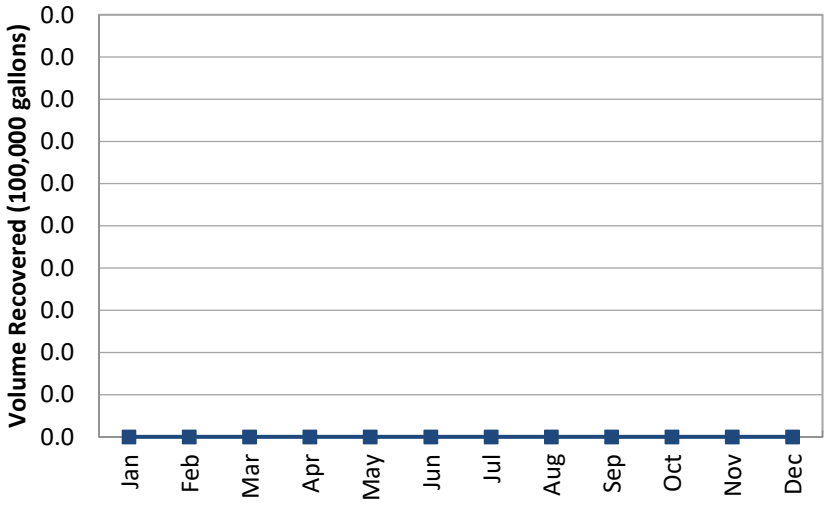
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-84



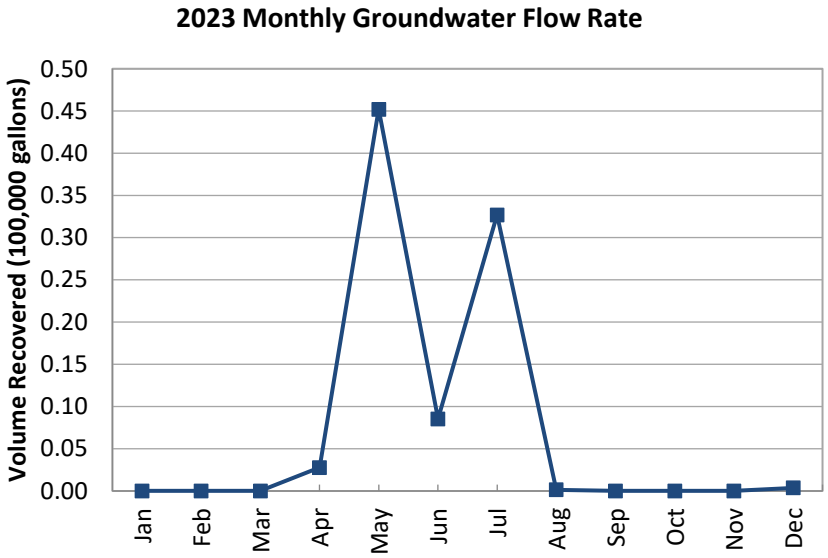
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-85



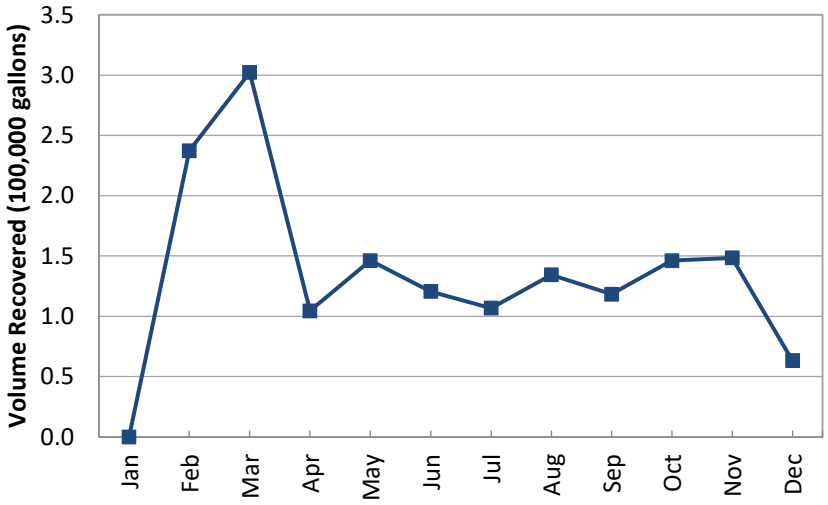
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-86



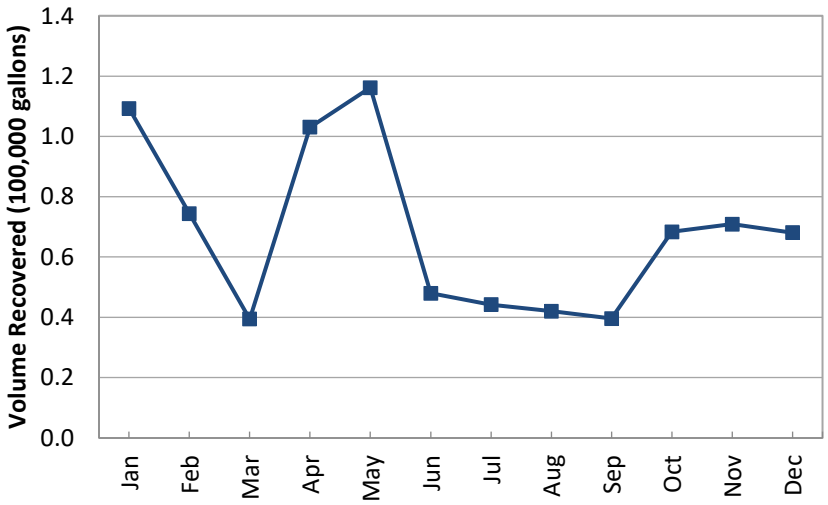
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	2,773
May	45,215
Jun	8,526
Jul	32,716
Aug	138
Sep	0
Oct	0
Nov	0
Dec	362
Total	**89,730**

PTX06-EW-87



Month	Volume Recovered (gallons)
Jan	0
Feb	237,404
Mar	302,259
Apr	104,606
May	146,267
Jun	120,552
Jul	106,811
Aug	134,403
Sep	118,395
Oct	146,187
Nov	148,530
Dec	63,308
Total	**1,628,722**

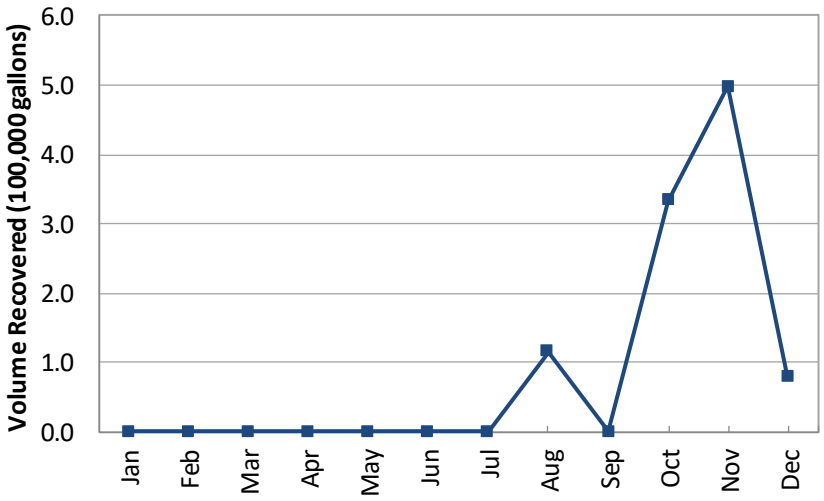
PTX06-EW-88



Month	Volume Recovered (gallons)
Jan	109,301
Feb	74,409
Mar	39,445
Apr	103,092
May	116,175
Jun	47,997
Jul	44,231
Aug	42,043
Sep	39,597
Oct	68,349
Nov	70,879
Dec	68,090
Total	**823,608**

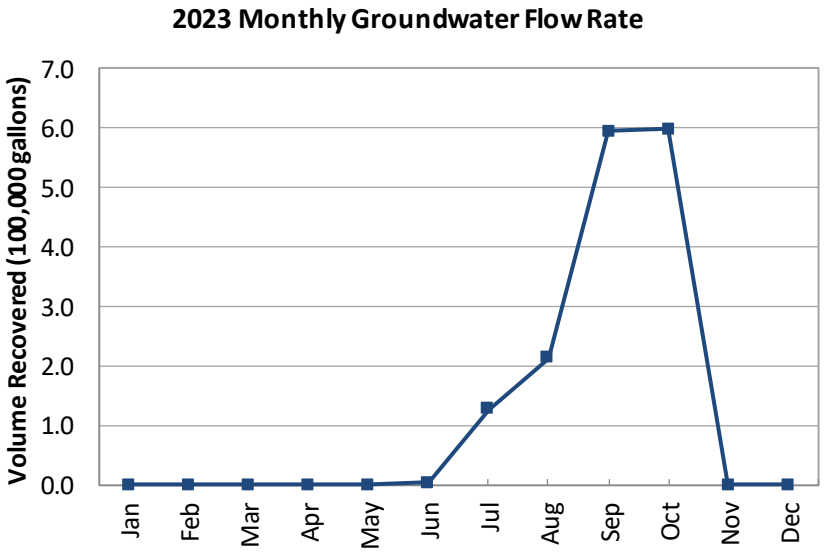
Playa 1 Pump and Treat System

PTX06-EW-69



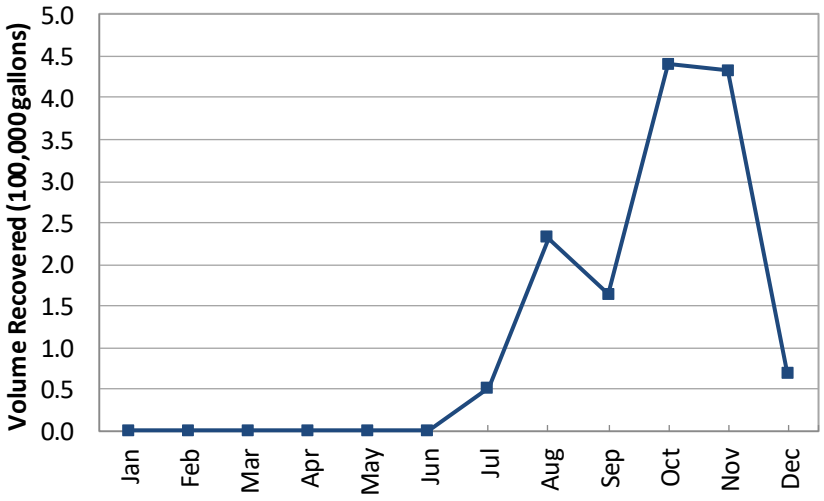
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	114,833
Sep	0
Oct	332,690
Nov	497,405
Dec	78,293
Total	**1,023,221**

PTX06-EW-70



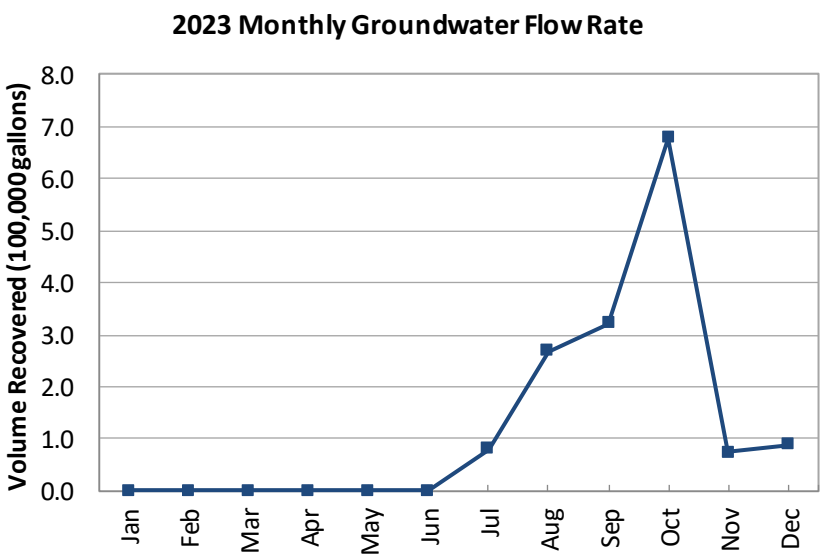
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	3,474
Jul	126,512
Aug	212,974
Sep	595,023
Oct	599,342
Nov	0
Dec	0
Total	**1,537,325**

PTX06-EW-71



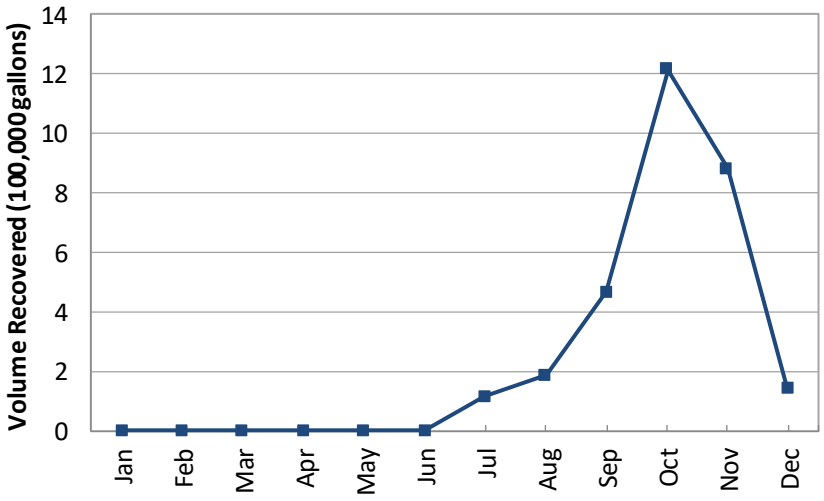
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	51,426
Aug	231,380
Sep	164,276
Oct	439,958
Nov	432,905
Dec	67,948
Total	**1,387,893**

PTX06-EW-72



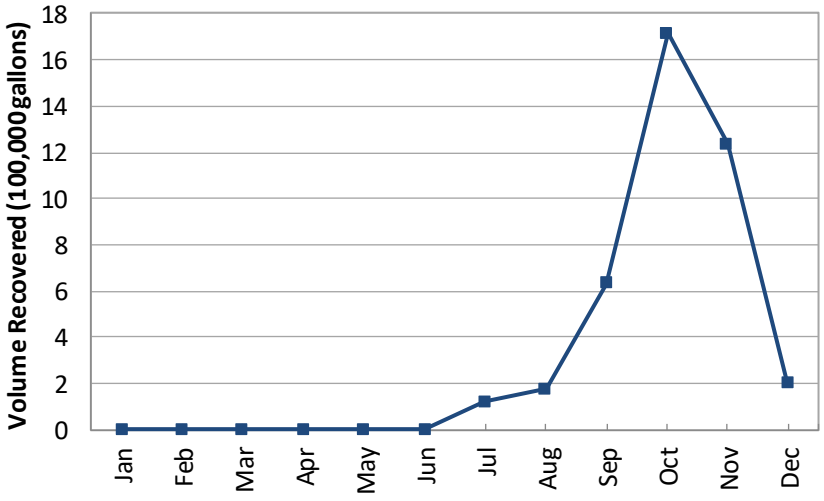
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	80,810
Aug	267,388
Sep	321,125
Oct	677,523
Nov	72,927
Dec	89,101
Total	**1,508,874**

PTX06-EW-73



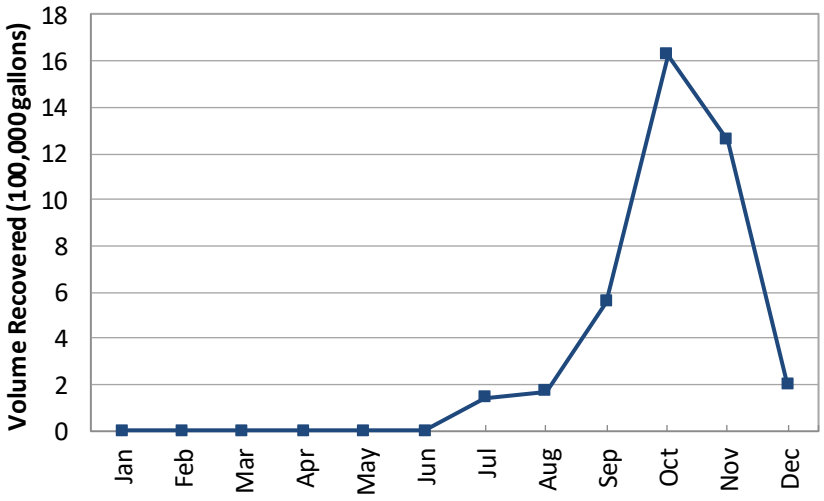
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	114,844
Aug	186,889
Sep	467,565
Oct	1,215,696
Nov	880,620
Dec	139,819
Total	**3,005,433**

PTX06-EW-74



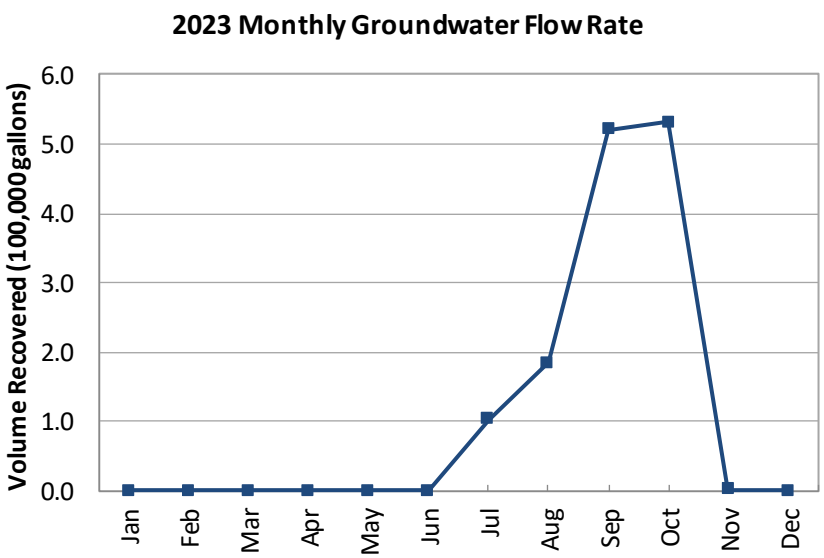
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	120,739
Aug	174,408
Sep	630,556
Oct	1,712,080
Nov	1,233,072
Dec	199,852
Total	**4,070,707**

PTX06-EW-75



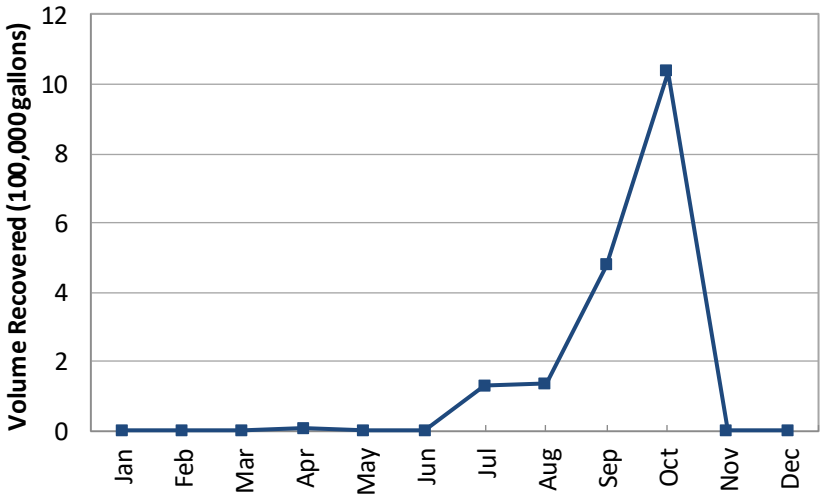
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	144,174
Aug	170,967
Sep	557,208
Oct	1,625,502
Nov	1,258,043
Dec	199,908
Total	**3,955,802**

PTX06-EW-78A



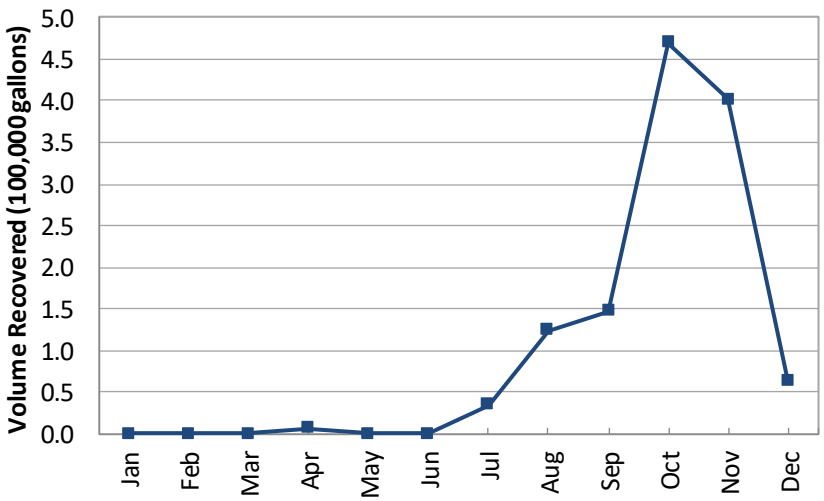
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	102,696
Aug	184,107
Sep	520,694
Oct	530,756
Nov	953
Dec	0
Total	**1,339,206**

PTX06-EW-79



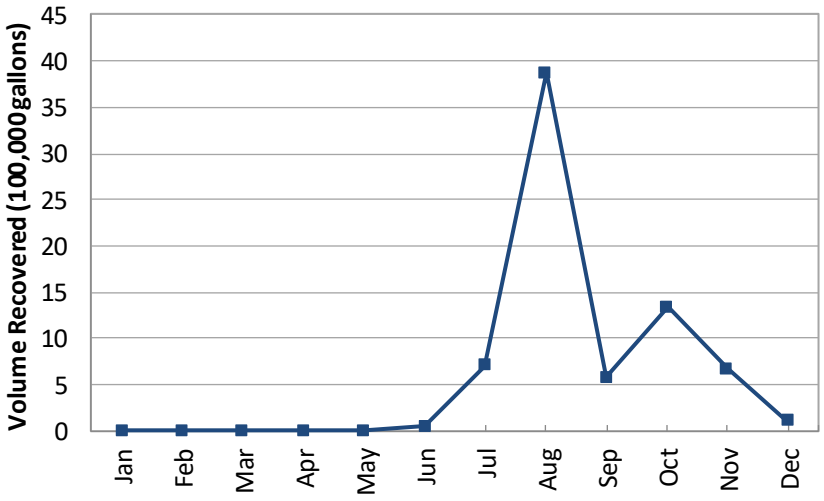
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	6,000
May	0
Jun	0
Jul	129,619
Aug	133,883
Sep	475,260
Oct	1,036,143
Nov	0
Dec	0
Total	**1,780,905**

PTX06-EW-80



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	6,000
May	0
Jun	0
Jul	35,007
Aug	124,268
Sep	147,554
Oct	470,117
Nov	401,603
Dec	63,923
Total	**1,248,472**

PTX06-EW-81



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	45,000
Jul	700,772
Aug	3,875,700
Sep	572,558
Oct	1,334,729
Nov	665,166
Dec	100,100
Total	**7,294,025**

Appendix C

Well Information

Table C-1. Well Maintenance Logbook Information

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1193	12/21/2023	Well inspection & video						4" PVC Riser and Screen top @259.7 and Bottom of Screen @269.2 DRY WELL sump had dirt in it
PTX06-1216	12/20/2023	Well inspection & video	282.60	285				Pull bundle PVC Riser and Screen and top @ 273.7 and top of water @ 282.5 and bottom of screen @ 283.3 little silt in sump re-install bundle pump for 15 min we believe ran out of water 12-21-23 Went back and pumped for 10 min
PTX06-1202	12/20/2023	Well inspection & video	283.30	291				Pull bundle 4" PVC Riser and Screen top @ 274.8 and water @ 283.3 and bottom of screen @289.3 little silt in sump re-install bundle and pump for 10 min
PTX06-1215	12/20/2023	Well inspection & video	281.50	291				Pull bundle 4" PVC Riser and screen top of screen @ 280.7 has floating debris on water. Top of water @281.4 and black staying on screen bottom of screen @290.3 little silt in sump re-install bundle pump for 10 min
PTX06-PZ03	12/19/2023	Well inspection & video						2" PVC Riser Run camera down got stuck @ 125.4 and tried going up and down 2 times did not pass. pull camera out
PTX06-1097	12/19/2023	Well inspection & video						4" PVC Riser to Transducer @258.1 to SS Riser @ 258.4 and top of SS Screen @278.6. Bottom of Screen @ 293 There's PVC shavings in Sump
PTX06-1055	12/19/2023	Well inspection & video						4" PVC Riser and screen top of screen @ 262.3 and Bottom @291.9 There's PVC shaving and a Rock in sump
PTX06-1139	12/7/2023	Re-development	444.50	554				pulled pump tubing looked good getting it ready to Re-hab
PTX06-1140	12/6/2023	Re-development	502.70	683				Pull bundle for Re-Hab
PTX08-1007	12/5/2023	Well inspection & video	271.20	299				Pull bundle to do Well video 4' PVC Riser and Screen the screen top @268.5 and water @271.2 and @ 285.3 staining and iron build up from maybe centralizer bottom of screen @303.1 little silt in sump. Reinstall bundle and pump for 10 min

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1222	12/5/2023	Bennett pump service			282	4.5	286.5	In-stall New tubing bundle and pump. Cut 10 foot off and test pump for 20min
PTX06-EW-54	11/30/2023	Well inspection & video						Video well 6"PVC riser looks good and SS screen top @ 265.6 and water @ 268.6 screen looks good has some staining could not see bottom of screen because sump has silt @ 279.8
PTX06-1220	11/29/2023	Bennett pump service			280	6.0	286.0	Install new bundle and pump run for 10 min
PTX06-1217	11/29/2023	Bennett pump service			280	5.5	285.5	Install new bundle and pump run for 10 min
PTX06-1008	11/29/2023	Bennett pump service			266	6.0	272.0	Install new tubing bundle and pump. test run for 10 min
PTX06-EW-54	11/28/2023	Re-development & Extraction well service						Surge/Brush well for 1.5 hrs and bailed for 1 hour well cleaned up and pulled 100 Gal
PTX06-1222	11/22/2023	Other: Water Level and TD	283.10	288				Obtained top of water and total depth measurements in preparation for dedicated tubing bundle and Bennett pump installation. No Water Level and Total Depth measurements were recorded in the EIS when well acceptance video was performed.
PTX06-1217	11/22/2023	Other: Water level and TD	281.70	287				Obtained top of water and total depth measurements in preparation for dedicated tubing bundle and Bennett pump installation. No Water Level and Total Depth measurements were recorded in the EIS when well acceptance video was performed.
PTX06-1220	11/22/2023	Other: Water level and TD	281.60	292				Obtained top of water and total depth measurements in preparation for dedicated tubing bundle and Bennett pump installation. No Water Level and Total Depth measurements were recorded in the EIS when well acceptance video was performed.
PTX06-EW-59	11/21/2023	Re-development						put new scrubbers on tool and brushed and surge well for 1.5HR

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1213	11/20/2023		278.90					Pump 1806-1022 was not working tried different things could not get it to work pulled out benched tested still not able to get it to work pulled pump put different pump in 1806-470 in ran for 10min did good the well had a large amount of amendment in it so we did not get TD measurement
PTX06-1072	11/20/2023	Bennett pump service						pump was not working pump1806-499 tried different things would not work pulled out benched tested did not work put different pump 1806B-1028 on and benched tested it worked sent down hole pumped for 10min pumped good called it good
PTX06-1221	11/16/2023	Bennett pump service	282.70	288				try pump 1806B 1049 did not work then tried several things still nothing pulled bundle then benched test still did not work put new pump tested it re-install bundle pumped for 10 min it did good new pump #1806B-1029
PTX06-EW-59	11/10/2023	Re-development & Extraction well service						11/10/23 Surge/Brush Well 11/13/23 surge/brush and bail silty pulled 200 Gal still in trailer 11/14/23 surge/brush and bail well cleared up pulled 300 Gal TOTAL 500 GAL
PTX06-EW-57	11/7/2023	Re-development & Extraction well service						11/7/23 Surge/Brush and Bail Well has a lot of Fine Silt Pulled 220 Gal still in trailer 11/8/23 Surge/Brush and Bail well still has very little silt pulled 280 GAL still in trailer will dump tomorrow p&t 11/9/23 Surge/Brush and Bail well cleared up pulled 160 Gal 220 280 160 TOTAL Gal 660
PTX06-EW-56	11/2/2023	Re-development & Extraction well service						11/2/23 Surge/Brush and bail lite silt pulled 200 Gal 11/6/23 Surge/Brush and Bail Well cleared up pulled 200 GAL and dumped at SEPTS

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-ISB101	11/2/2023	Well video						Received direction per Matt Jones to conduct a well video at this well to assess condition of the well as tubing and fittings were lost down the well during well rehab. Ran camera down well to top of water which is below top of screen. No foreign objects were visible above water. Camera was not run below top of water to avoid contaminating the camera with amendment. The video recording was not kept due to the inability to see anything above top of water. A WMR submission was requested from Matt Monroe.
PTX06-EW-54	10/30/2023	Re-development & Extraction well service						10/30/23 surge/brush 10/31/23 surge/Brush and Bail has a little silt pulled 50 GAL 11/1/23 Surge/Brush and Bail silt cleared out pulled 250 Gal
PTX06-EW-54	10/26/2023	Extraction well service						10/26/23 Set up tank and mast up rig then personnel safety for wind. Mast down and clean up and wait a little 10/27/23 Surge/Brush Well
PTX06-EW-48	10/26/2023	Extraction well service	276.50	287				Pull Pump for pump service
PTX06-EW-30	10/25/2023	Extraction well service	275.20	289				Pull Pump for service 1-3 foot 14-20 foots
PTX06-EW-55	10/25/2023	Extraction well service	289.40	293				Pull Pump for service 1-9 foot 14-20 foot
PTX06-EW-59	10/25/2023	Extraction well service	277.40	295				Pull Pump for rehab 1-8 foot 14-20 foot
PTX06-EW-57	10/25/2023	Extraction well service	278.30	293				Pull Pump for rehab 1-5 foot 7 inches 14-20 foot

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-56	10/24/2023	Extraction well service	278.70	293				Pull Pump for rehab 14-20 foot sections 1-9 foot 3 inches section
PTX06-EW-54	10/24/2023	Extraction well service	265.50	280				Pull Pump for rehab 13-20 foot sections 1-15 foot section
PTX01-1008	10/18/2023	Other:	274.10	282				10/18/23 pulled bundle 10/19/23 Re-install bundle because we didn't know another team members did the work already it was not noted for us
PTX06-1083	10/17/2023	Well inspection & video	178.80	200				pulled pump to do video 10/18/23 Well Inspection 4" PVC Riser looks good and PVC Screen @ 169.0 and water @ 178.9 little silt on bottom portion of screen walls and bottom screen @ 198.4 little silt in sump pull out and re-install bundle pump for 10 min
PTX06-1064	10/17/2023	Bennett pump service						re-install bundle and pump for 10 min
PTX06-1068	10/16/2023	Bennett pump service						re-install bundle pump back in let it pump for about 15 min because all of the silt wanted to make sure it was pumping good and it did
PTX06-1068	10/13/2023	Well inspection & video						Well Video 4" SS Riser and Screen Casing looks good. Screen @ 458.4 upper portion of screen above water looks good. Water @539.8 and blank piece of riser stated @ 758.4 to 778.9 a 20 foot joint bottom portion of screen started to get bad with silt @ 781.3 and at 787.3 stopped casing was silted in. pulled out
PTX01-1010	10/12/2023	Bennett pump service	517.10	847				got it to pump it was not very good pulled out found a crack on the hose put back in still didn't pump good so we pulled back out the diverter was all tangled up fixed it and put new pump 1806-472 in the well and let it pump for 10min it pumped good
PTX06-1014	10/10/2023	Reinstall bundle	281.90	288				Reinstalled tubing bundle post PFAS study.
PTX06-1195	10/5/2023	Reinstall bundle	283.60	293				Reinstalled tubing bundle post PFAS study.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1052	10/5/2023	Reinstall bundle	278.30	292				Reinstalled tubing bundle post PFAS study.
PTX06-1041	10/5/2023	Other: Reinstalled bundle	284.40	301				Reinstalled tubing bundle post PFAS study.
PTX06-1068	10/4/2023	Re-development						10/4 Get every thing ready to set pump go to location. Rig up hook pump to drop pipe went down 80 foot be for Personnel Safety for Lighting clean up mast down 10/5 started pumping @ 560 run from 30 min to one hour then move in 40 foot sections to 720 pulled 50 Gal 10/10 pumped for 30 min move to next 40 foot section and after 20 foot section to 780 pump for two hours started cleaning up and got to 790 and pump Stopped working pulled out 80 foot and that the end of the day pulled 200 Gal 10/11 pull pump and dump water and take Rig to VMF
PTX06-1068	10/3/2023	Re-development						4" Well Surge/Brush and bail. Had to put new brushes has a lot of silt only pulling half or less change SS end cap to PVC end cap pulling less water maybe got 10 Gal came to office talk to Matt about putting a pump
PTX06-1064	10/2/2023	Well inspection & video						Well video 4" SS Riser had deep scratches threw out the well. SS screen @ 442.5 and water @ 527.9 and screen has a lot build up and scaling could not see bottom of screen full of silt stopped @ 791.5
PTX06-1064	9/28/2023	Re-development						9-28-23 4" PVC Surge/Brush and Bail pulled 150 Gal still has silt 9-29-23 Surge/Brush and Bail pulled 150 Gal, Has very little silt
PTX06-ISB424	9/27/2023	Well video						4" PVC Riser to SS Riser @265.7 water above screen @ 282.6 and SS screen top @ 285.8 and bottom of screen 295.4 little silt in sump well looks good
PTX06-ISB448	9/27/2023	Well video						4" PVC Riser to SS riser @ 257.6 about 20 feet to SS screen top @ 277.7 and water @ 280.3 bottom of screen 287.3 silt in bottom portion of screen and little in sump looks good and water not that cloudy

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-ISB448	9/26/2023	Well video						4" PVC riser to SS riser @ 257.8 about 20 feet then SS screen top of screen 277.8and water @280.5 only went to 287.1 water to cloudy did not want to run equipment to TD
PTX06-1154	9/26/2023	Bennett pump service						was instructed to trouble shoot the well Bennett pump was not working got it working the problem was on the top did NOT have to pull pump
PTX06-ISB447	9/26/2023	Well video						4" PVC Riser to 258.4 to SS riser 20 foot and top of SS screen @ 278.6 and water @280.4 little bit of pvc shavings on top of water and bottom screen @ 288.1 well looks good little silt in sump
PTX06-MINJ403	9/25/2023	Well video						6"PVC well riser with SS screen and screen @ 278.7 water @ 280.6 bottom of screen @288.3 little silt in sump
PTX06-MINJ402A	9/25/2023	Well video						6" PVC riser had black smears on the riser and SS screen @278.7 water was only in sump @ 283.2 and little silt in sump
PTX06-1229	9/25/2023	Well video						6"PVC riser and screen top of screen @ 388.5 the top of water @ 399.0 water looked cloudy bottom of first part of screen is 427.9 then 36' blank back to screen at 463.4 drill mud coming out of screen and floating bottom of second set of screen at 492.8 very cloudy and silt in sump
PTX06-ISB420	9/21/2023	Well video						4" well PVC riser with 20'SS riser on top of SS screen water above screen top of screen @ 282.4 and water at 281.6 bottom of screen at 286.9 well looked good little silt in sump
PTX06-ISB421	9/21/2023	Well video						4" well PVC riser with 20' SS riser on top of the SS screen water above screen top of screen at 282.8 and water at 280. and the bottom of screen at 287.3 looks good little silt on the bottom of sump
PTX06-ISB422	9/21/2023	Well video						4"PVC riser with 20'SS riser on top of SS screen water was above screen it had SS screen @284.4 water is at 282.3 well looked good little silt in sump with PVC shavings
PTX06-ISB423	9/21/2023	Well video						4"well PVC riser with 20'SS riser on top of SS screen top of screen @277.8 and water at 283.1 the bottom of screen at 297.4 look good light silt in sump

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PTX06-1220	9/21/2023	Well inspection & video						4"PVC riser brown smears on walls a lot of black smears could be grease PVC screen @280.8 water at 281.5 bottom screen @290.3 looks dirty little silt in sump
PTX06-1222	9/21/2023	Well inspection & video						4"well PVC riser and screen black smears on wall looks like grease or rubber screen @281.4water @283.0 bottom screen at 285.9 little silt in sump
PTX06-1217	9/21/2023	Well inspection & video						4" PVC riser and screen start of screen was @281.6 and water is @ 281.7 bottom screen 286.1 looks good little silt in sump
PTX06-ISB449	9/19/2023	Well video						4"well PVC riser then 20'SS riser then SS screen water was above screen was @ 282.5 and water was @280.2 bottom of screen at 287.1 well look good lite silt in sump little PVC shavings
PTX06-ISB451	9/19/2023	Well video						well video 4"PVC riser with 20' SS riser right above screen water 280.8 above screen the screen was at 281.1 the screen was grinded down on the top and bottom at the veins bottom of screen is at 285.7 sump had little silt and it had a smell to the water
PTX06-ISB450	9/19/2023	Well video						4" well PVC riser with 20'SS riser on top of the SS screen water above screen. screen @280.8 and water @279.9 the screen was grinded down on the top and bottom water had a brown tint to it lite silt in sump
PTX06-ISB452	9/19/2023	Well video						well acceptance 4"PVC riser and 20' SS riser on top of SS screen starts at 278.8 and water @280.9 bottom of screen 283.4 the water had a green tint to it with light silt in sump
PTX06-1052	9/18/2023	Well inspection & video						4"PVC riser and screen riser casing was dirty black smeared screen @272.6 and top of H2/O @ 278.1 bottom of screen at 291.8 Pump or tubing was not in well
PTX01-1006	9/18/2023	Well inspection & video						4"PVC riser and Screen top of screen 261.6 and the screen has a black film and scaling the bottom screen is 291.9 in the sump is big piece of scaling on the bottom

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PTX06-1064	9/12/2023	Re-development & Bennett pump service	528.20	788				9-12-23 Pull bundle and looks good. Needs new label falling off 4" Casing then surge/brush well has little filter pack and silt pulled 45 Gal 9-13-23 surge/brush and bail filter pack cleaning up but still has fine silt and bailer not sealing ball leaking pulling half bailers pulled 50 Gal 9-14-23 surge/brush and bail still has fine silt and ball not sealing. replace bailer shoe with new one and came back from lunch run the Rig for about 30 min to a hour then noticed oil leaking from sand line spool pull bailer out got 25 Gal and hook trailer and go to office and Gabe made calls they said take it in. 9/12/23 pulled 45 Gal 9/13/23 pulled 50 Gal 9/14/23 pulled 25 Gal Total pulled 120 Gal
PTX06-1052	9/6/2023	Bennett pump service	278.30	292		6.0		DEDICATED TUBING BUNDLE REMOVAL PER SRS# 2023-4992-031 PFAS STUDY INSTRUCTIONS.
PTX06-1068	9/6/2023	Re-development						09-06-23 Surge / Brush and Bail water still dirty a lot of fine silt pulled 50 Gal still in tank 09-07-23 Surge/Brush and Bail not cleaning up much still has a lot of fine silt pulled 50 Gal still in tank have a total of 200 Gal
PTX06-1098	9/6/2023	Well inspection & video	278.70	306				Well inspection pull bundle the pump had scaling and looks to be iron build-up and had the big tubing then run camera 4" PVC riser brown scaling on walls the SS screen top 269.9 the screen had a dark grey scaling on the screen and a lot of Iron build up a red/black color water @278.7 and had a white substance on the wall of the lower portion of screen did not make to bottom blockage @ 302.5 pull out
PTX06-1195	9/6/2023	Bennett pump service	283.80	293		6.0		DEDICATED TUBING BUNDLE REMOVAL PER SRS# 2023-4992-031 PFAS STUDY INSTRUCTIONS. OBSERVED HEAVY CALCIFICATION ON PUMP AND DROP TUBE.

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PTX06-1041	9/5/2023	Bennett pump service	284.20	301		15.0		DEDICATED TUBING BUNDLE REMOVAL PER SRS# 2023-4992-031 PFAS STUDY INSTRUCTIONS.
PTX06-1014	9/5/2023	Bennett pump service	279.50	287		15.0		DEDICATED TUBING BUNDLE REMOVAL PER SRS# 2023-4992-031 PFAS STUDY INSTRUCTIONS.
PTX06-ISB435	9/1/2023	Well inspection & video for well acceptance	282.90	291				4" PVC riser had some black staining transducer at 261.4 to SS riser and screen top @282.4 water @ 282.8 bottom of screen 287 little silt in sump
PTX06-ISB446	8/31/2023	Well inspection & video for well acceptance						4" PVC riser with black smearing on walls the transducer 262.8 to SS riser 20 foot water above screen wit a thin film on top water @ 282.5 and top of screen @ 283.9 and bottom of screen @ 293.4 well looks good has little silt in sump
PTX06-ISB433	8/31/2023	Well inspection & video for well acceptance						4" PVC Riser little black smearing on casing walls transducer @ 262.5 to SS riser 20 foot water above SS screen @283.8 and screens @ 283.9 water is cloudy and bottom of screen @ 288.4 well looks good little silt in sump
PTX06-ISB434	8/31/2023	Well inspection & video						4" PVC riser a little black smearing on casing wall the transducer @ 262.5 to SS riser 20 foot water above screen @ 282.7 and top of screen @ 283.5 water a little cloudy looks good and bottom of screen @ 288 little silt in sump
PTX06-ISB444	8/31/2023	Well inspection & video for well acceptance						4"PVC riser had some black smears on riser transducer 261.3 and a 20'SS riser top of screen at 281.3 top of water 282.5 well looks good bottom of screen at 290.9 little silt in sump well pad cracks
PTX06-ISB443	8/31/2023	Well inspection & video for well acceptance						4" PVC Riser some black smearing on riser transducer at 261.2 and a 20' SS riser then top of water at 282.1 top screen at 282.2 bottom of screen at 291.8 looks good little silt in sump well pad has cracks
PTX06-ISB445	8/31/2023	Well inspection & video for well acceptance						4" PVC riser had some black smearing on riser transducer at 259.9 with a 20'SS riser screen at 280.9 and water at 282.5 screen looks good bottom of screen 290.5 sump had little silt pad has some cracks

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PTX06-ISB442	8/31/2023	Well inspection & video for well acceptance						4"PVC riser had some black smears don't know if oil or plastic the transducer is at 262.3 then it has a 20'SS riser and water is above screen water at 282.1 and top screen 282.4 well looks good bottom of screen little silt in sump well pad has cracks
PTX06-ISB441	8/31/2023	Well inspection & video for well acceptance						4"PVC riser black smearing on riser walls the transducer was at 263'.2 then a 20' SS riser water above screen at 281'.9 top of screen @283'.7 bottom of screen at 288'.3 well looks good little silt in sump Well pad has cracks
PTX06-1208	8/30/2023	Well inspection & video	283.00	289				pulled bundle ran camera 4" PVC riser and screen, screen was at 282.7 and H2/O was at 283.1 riser looked good thin layer of film on screen and staining bottom of screen @ 287.3 and some silt in sump re-install bundle test pump run pump for 10min
PTX08-1003	8/30/2023	Well inspection & video	276.00	302				pull bundle was a 4" well SS riser and screen was at 269.7 and H2/O was at 276.0 a little iron build-up the bottom of screen was at 299.2 a lot of silt in sump and floating settlement re-install bundle pumped for 10min
PTX06-1151	8/29/2023	Well inspection & video	272.90	294				Pulled bundle 4" well there was a lot of zip ties missing PVC riser looked good water was above screen 272.7 top of screen was 277.1 the bottom portion of riser was black the screen has little iron build up and staining bottom of the screen 292.1 bottom portion screen had some build up and little silt and zip ties in sump re-install bundle and replace a lot of zip-ties pump well for 10min back down well
PTX06-1223	8/24/2023	Other: pull pump for test	376.70	442				Pull pump from sampling test
PTX06-1223	8/22/2023	Pre-sample Purge & pump and test						4" Well set pump with intake at 401 pump 15 gal put in tank trailer.it was pumping 5 Gal in 1.9 min

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PTX06-1068	8/21/2023	Re-development Bennett pump service	539.20	800				8-21-23 4"Well pull bundle and looks good. then pick up tank and truck. Surge/brush 8-22-23 surge/brush and bail. Bailer not holding water change shoe end 4 different ones go to yard pick up new one 8-24-23 surge/brush and bail well has filter pack and a lot of fine grit pulled 100 Gal
PTX06-1224	8/18/2023	Other: Pull Pump	394.80	502				Pull pump for pump test and sample
PTX06-1223	8/18/2023	Bennett pump service	376.50	442				Today's activities are being performed in support of SRS 2023-4992-043 sampling of new Ogallala wells. Installed Bennett portable tubing bundle with pump and diverters configured per SRS instructions. Pump intake is set at 400.5' btoc. Began pumping water to test pump. After pumping ~ 1 gallon of water, the pump stopped operating. Pulled the portable tubing bundle out and replaced pump # 1806-964 with rebuilt pump # 1806-480. Re-installed the portable tubing bundle to 400.5' btoc. Pumped ~ 5 gallons of water to purge DI water and ensure pump action. Pumping good. The formation water turned orange-red in color. Sampling of this well to commence 8/21/23. 8/21/23 - Removed the Bennett portable tubing bundle with pump and diverters from the well after sampling activities were completed. GKN
PTX06-REC430	8/16/2023	Well video						6' PVC Riser and SS Screen. Top of screen 280.9 and top of water 281.4 and bottom of screen 285.5 looks good little silt in sump
PTX06-REC439	8/16/2023	Well video						6"PVC Riser and SS Screen. Top of screen was 278.8 their was red stains on screen water was at 282.7 and little silt on bottom portion of screen and little in sump
PTX06-REC440	8/16/2023	Well video						6" PVC Riser and SS Screen top of screen 282 and top of water 282.6 and bottom of screen 291.7 look real good very little silt in sump

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PTX06-REC441	8/16/2023	Well video						6" PVC Riser and SS screen top of screen 281.7 and to top of water 282.8 bottom of screen 291.8. brown coloration bottom portion of screen water was cloudy very little silt in sump
PTX06-REC429	8/16/2023	Well video						6" PVC Riser and SS Screen. Top of screen 279.5 and top of water 281.1 and the bottom of screen 284 little silt in sump
PTX06-REC431	8/16/2023	Well video						6" PVC Riser and SS Screen. Top of screen 280.8 and top of water 281.5 and bottom of screen 285.3 all looks good little silt in sump
PTX06-REC432	8/16/2023	Well video						6"PVC Riser and SS Screen. Top of riser still has threads so J-Plug won't seal correctly. Top of screen 280.3 and top of water 281.7 screen look good bottom of screen 284.8 little silt in sump
PTX06-REC428	8/16/2023	Well video						6" PVC Riser and SS screen water above screen it's at 280.6 and top of screen is 280.9 and about 283.6 staining on screen and bottom of screen 285.4 and little silt in sump
PTX06-1224	8/15/2023	Set pump for sample test						4" Well set pump at 406 at intake then run pump pulled 20 Gal put in tank pump pulled 5 gal @ 1.24 min
PTX06-REC437	8/10/2023	Well video						6" PVC Riser and SS Screen has about 3" of silt on bottom portion of screen and very little silt in sump
PTX06-REC438	8/10/2023	Well inspection & video						6"PVC riser looks good SS screen last3"had light silt very light silt on bottom of well
PTX06-1224	8/10/2023	Bennett pump service	394.80	502				Today's activities are being performed in support of SRS 2023-4992-043 sampling of new Ogallala wells. Installed Bennett portable tubing bundle with pump and diverters configured per SRS instructions. Pump intake is set at 405.5' btoc. Pumped ~5 gallons of water. Water was red in color and cleared up to light red in color by end of pumping. Sampling of this well to commence 8/14/23. 8/14/23 - Removed the Bennett portable tubing bundle with pump and diverters from the well after sampling activities were completed. GKN
PTX06-EW-69	8/10/2023	Extraction well service						pull up drop pipe 20' to replace and modify well seal

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PTX06-REC438	8/10/2023	Well video						6" PVC Riser and SS Screen last 3" of the bottom portion of screen had light silt and very little in sump
PTX06-REC414	8/10/2023	Well video						6"PVC Riser and SS Screen. Water was above screen little silt in bottom portion of screen and in sump
PTX06-REC415	8/10/2023	Well video						6" PVC Riser and SS Screen little silt on bottom portion of screen and Sump water was cloudy
PTX06-EW-69	8/9/2023	Extraction well service						re-install pump
PTX06-EW-68	8/9/2023	Extraction well service						re-install pump
PTX06-EW-16	8/8/2023	Extraction well service						re-install pump
PTX06-EW-16	8/8/2023	Extraction well service						re-install pump
PTX06-EW-18	8/8/2023	Extraction well service						re-install pump
PTX06-EW-50	8/8/2023	Extraction well service						re-install pump
PTX06-EW-23A	8/7/2023	Extraction well service						re-install pump
PTX06-EW-65	8/7/2023	Extraction well service						re-install pump
PTX06-EW-66	8/7/2023	Extraction well service						
PTX06-EW-66	8/4/2023	Well inspection & video						Well video per WMP. This well has 6" pvc casing and 6" stainless steel screen. Observed top of water above top of screen into the casing. Observed staining in the screen with no infiltration. This well has no sump with a 6" end cap only.
PTX06-EW-50	8/4/2023	Well inspection & video						Well video per WMP. This well has 6" pvc casing and 6" stainless steel screen. The water was extremely cloudy throughout the screen section which impaired the down hole view of the camera. Observed sand and infiltration throughout the screened section. Unable to get clear view of the sump due to cloudiness of the water.

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PTX06-EW-18	8/4/2023	Well inspection & video						Performed well video per WMP. This well has 6" stainless steel casing and screen. No problems noted in the casing with some staining noted with no infiltration in the screen. The sump is clean.
PTX06-EW-68	8/4/2023	Well inspection & video						Performed well video per WMP. This well has 6" pvc casing and 6" stainless steel screen. The top of water is ~ 2' above top of screen. No problems noted in the casing with light amounts of sand in the screen. This well has no sump with a 6" end cap only.
PTX06-EW-69	8/1/2023	Extraction well service & Re-development	213.40	268				6" well surge brush and bail well brushed more than usual because all the scaling on the pipe got out sand didn't clear any
PTX06-EW-18	7/31/2023	Extraction well service & Re-development	258.60	278				6"well surge brush and bail well got a lot of filter sand out and gravel Total of H2/O 400 gal
PTX06-EW-18	7/27/2023	Extraction well service & Re-development	258.60	278				6" well surge/brush and bail still have big pieces of gravel and water bailed down wait for recharge
PTX06-EW-18	7/26/2023	Extraction well service	258.60	278				6" well surge/brush and bail first couple of bails had large gravel rocks and sand then bailed out
PTX06-1224	7/26/2023	Other-See Comments						4' well run bailer 3 1/2 got stuck about 315 then run 2 1/2 bailer went to TD
PTX06-1223	7/26/2023	Other-See Comments						4" Run Bailer to see how Straight 3 1/2 bailer got stuck at 286 then run 2 1/2 bailer and went to TD
PTX06-EW-16	7/25/2023	Extraction well service & Re-development	262.80	279				6" Surge/Brush and Bail Well cleaned up pulled 250 Gal 7/24/23 250 Gal 7/25/23 250 Gal Total 500

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PTX06-EW-16	7/24/2023	Extraction well service & Re-development	262.80	279				Surge/Brush and Bail 6"well the first bail had about a half a gallon of sand and Gradually worked down still a little dirty
PTX06-EW-16	7/21/2023	Extraction well service & Re-development	262.80	279				Surge/Brush - 6" well
PTX06-EW-50	7/20/2023	Extraction well service & Re-development	266.50	285				Surge/Brush and Bail pulled 300 Gal cleaned up good
PTX06-EW-50	7/19/2023	Extraction well service & Re-development	266.50	285				Surge/Brush and bail 6" well pulled 200 Gal still dirty
PTX06-EW-66	7/18/2023	Extraction well service & Re-development	272.80	290				Surge/Brush and Bail 6" well first Bail had coarse sand about a Gal then gradually bailed out the rest
PTX06-EW-66	7/17/2023	Extraction well service & Re-development	272.80	290				6" Well Surge/brush
PTX06-EW-68	7/13/2023	Re-development	273.70	292				6" Well surge/brush and bail well. cleaned up good pulled 100 Gal 7-11-23 150 Gal 7-12-23 250 Gal 7-13-23 100 Gal TOTAL 500 Gal
PTX06-EW-68	7/12/2023	Re-development	273.70	292				6" Well surge/brush and bail. Pulled 250 Gal still has little silt. Did not dump water still in tank. On 7/11/23 150 Gal 7/12/23 250 Gal

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PTX06-1085	7/11/2023	Well video	259.50	288				Bundle was pulled. Bundle gathering quick ties degrading. 15-20 came off while pulling the bundle. Performed a well video on PTX06-1085. 4-inch PVC casing and screen. Casing was in 10 foot sections. There appeared to be algae build up on the screen. There was a lot of silt and debris in the sump. Bundle was reinstalled and tested for functionality.
PTX07-1P05	7/11/2023	Other-See Comments						Access restricted by landfill and security barriers. Unable to get equipment to the well to remove bundle and perform a well video.
PTX06-EW-68	7/11/2023	Re-development	273.70	292				6" Well change out wire brushes and rubber surge blocks then surge/brush and bail well. pulled 150 Gal of water still in trailer did not dump and water still dirty with silt
PTX01-1008	7/10/2023	Well video	274.10	281				Bundle was pulled. Performed a well video on PTX01-1008. 4-inch PVC casing and screen. Casing was 10 foot sections. The screen looked clean. The sump was full of dirt and debris. Bundle was reinstalled and tested for functionality.
PTX06-EW-68	7/10/2023	Re-development & Extraction well service	273.70	292				Pull Pump with help from SEPTS Crew 1 1/4 drop pipe and water had a black tint. Brush well1-7 foot, 14-20 foot
PTX01-1009	7/10/2023	Well video	285.50	291				Performed a well video on PTX01-1009. 4-inch PVC casing with joints every 10 feet. PVC shavings visible in camera view around the screen.
PTX06-EW-69	7/7/2023	Re-development	213.40	268				pull pump it had a lot of scaling on drop pipe 1"1/4 pipe 1 - 15'4" 1 - 1'-7" 12 - 20'
PTX06-EW-18	7/7/2023	Re-development	258.60	278				pull pump drop pipe was 1 1/4 with 1 - 9'1" 13 - 20'

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-16	7/6/2023	Re-development & Extraction well service	262.80	279				pulled pump it had 1 1/4 drop pipe 1 - 13' 6" and 13- 20' with SEPTS help
PTX06-EW-50	7/6/2023	Re-development & Extraction well service	266.50	285				pulled pump with 1 1/4 drop pipe 14 - 20' sticks when we got the pump out we seen some filter pack sand on the pump. with SEPTS help
PTX06-EW-66	7/5/2023	Re-development & Extraction well service	272.80	290				pulled pump it had 1 1/4, drop pipe 14 - 20' sticks and 1 - 5.5' stick. with SEPTS help
PTX06-EW-23A	7/5/2023	Extraction well service	278.20	302				pulled pump drop pipe was 1 1/4 and 14 - 20' and 1 15' 6"
PTX06-EW-65	7/5/2023	Extraction well service	272.80	294				pulled pump it had 1 1/4 drop pipe 14 - 20' sticks and 1 - 7'.3" sticks with SEPTS help
PTX06-ISB096	7/3/2023	Well inspection & video	271.40					4" well was too dark to see anything
PTX06-ISB091	7/3/2023	Well inspection & video & Other-See Comments	270.10					the well is not Labeled correctly needs to be fixed it is labeled as PTX06-1165 The well is A 6" and there was foam on the top of the well it was so dark could not see anything
PTX06-ISB092	7/3/2023	Well inspection & video	271.30					the well was label as PTX06-1163 not as PTX06-ISB092 well jetting inspection top of screen above H2/O was very scaly but the screen below the water looked good from what I could see could not get the bottom camera to show it was too dark
PTX06-ISB095	7/3/2023	Well inspection & video	268.70					4" well was to dark could not see anything

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX07-1R01	6/29/2023	Well inspection & video & Bennett pump service	463.60	601		10.0		Video well 4"Ssriser and screen riser looked good a film on the water pulled camera out to clean lens and re-enter still has scaling on screen about 4' above sump silt coming out of screen put Bennett pump back in let run for 10min
PTX06-1061	6/29/2023	Well inspection & video	522.70	839				video well 4"SS riser and screen. screen looked good little bit of scaling there is a blank joint at 737-776 close to the bottom around 840
PTX06-1061	6/28/2023	Re-development	522.70	839				surge brush and bail H2/0 in tank
PTX06-1061	6/27/2023	Re-development	522.70	839				brush surge and bail H2/0 in tank
PTX06-1061	6/26/2023	Re-development	522.70	839				brush surge and bail well H2/0 in tank
PTX06-1061	6/23/2023	Re-development	522.70	839				surg bail brush put H2/0 in tank
PTX06-1215	6/22/2023	Bennett pump service	281.90	292	281	6.0	287.0	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well to test the pump. Good pump action.
PTX06-1061	6/22/2023	Re-development	522.70	839				pulled Bennett Pump
PTX06-1221	6/22/2023		282.70	288	282	4.5	86.5	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well to test the pump. Good pump action.
PTX06-1219	6/22/2023	Bennett pump service	281.90	287	281	4.5	285.5	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well to test the pump. Good pump action.
PTX06-1216	6/22/2023	Bennett pump service	281.30	284	280	3.0	283.0	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 2 gallons of water from the well to test the pump. Good pump action.
PTX06-1218	6/22/2023	Bennett pump service	280.60	287	280	5.5	285.5	Installed new dedicated tubing bundle, Bennett pump and drop tube in well. Pumped 3 gallons of water from the well to test the pump. Good pump action.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1060	6/21/2023	Well inspection & video & Bennett pump service	357.40	511				4"PVC for about 1" and then SS riser and screen riser looked good slim film on water had to pull out to clean camera lens 2 times water was above screen 257'.7 to 282'.8 about 25' and bottom portion of screen had scaling and little silt in sump then install bundle missing a lot of zip ties ran pump for 10 min did good
PTX06-EW-44	6/19/2023	Extraction well service	274.90	286				Reinstall pump
PTX06-EW-39	6/19/2023	Extraction well service	273.50	287				Reinstall pump
PTX06-1060	6/15/2023	Re-development	357.40	511				4" Well Surge/Brush and Bail Dirty still Silty pulled 150 GAL and dumped in playa 1 Total for well 620 GAL
PTX06-1060	6/14/2023	Re-development	357.40	511				4" Well Surge/Brush and Bail Dirty and silty pulled 210 GAL dump at playa 1 go to SEPTS rinse tank out total pulled 470 GAL
PTX06-1088	6/13/2023	Bennett pump service	277.40	298	262	21.0	283.0	Pulled existing bundle and pump to determine why well was not pumping. Existing bundle worked fine above ground. Reinstalled bundle and pump and could not produce water. Pulled bundle and pump again. Changed pump and reinstalled system. Tested upon completion and system is operable pumping at 1.5 liters/minute @ 80 psi.
PTX06-1060	6/13/2023	Re-development	357.40	511				4" Well Surge/Brush and Bail pulled 100 GAL water still in tank did not unload
PTX06-1060	6/12/2023	Re-development	357.60	511				4" Well Surge/Brush and Bail. Lot of Silt and Dirty pulled 160 GAL did not dump still in trailer
PTX06-1041	6/12/2023	Bennett pump service	283.80	301	276	15.0	291.0	Installed new 15' drop tube per M. Jarrett. Previous drop tube was 6'. Two gallon purge was pumped back down the well.
PTX06-1191	6/9/2023	Other-See Comments & pull bundle						Late entry pump removal for injection . Martin Amos on 11/8/2022

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1060	6/6/2023	Re-development & Pulled bundle	357.60	511				Check location looks ok pull bundle unload at office. Take hunkey set up and surge/brush well
PTX06-REC412	5/30/2023	Well inspection & video well acceptance video	282.30	293				Well Acceptance video. 6"PVC Riser and SS screen PVC shavings on top of water. Well looks good very little silt in Sump NO STEEL LOCKING LID
PTX06-REC427	5/30/2023	Well inspection & video Well acceptance video	281.10	288				Well Acceptance Video 6" PVC Riser and SS Screen. PVC shavings on top of water well looks good little silt in Sump NO STEEL LOCKING LID
PTX06-1223	5/30/2023	Well inspection & video well acceptance	376.50	442				Well Acceptance video. 4" PVC Riser and screen. Film on top of water and dirty lens pull out and cleaned it. Water above screen camera says waters at 377 and top of screen is 399 around 22 feet above screen. Well looks good little silt in sump
PTX06-ISB607	5/30/2023	Well inspection & video well acceptance	280.80	288				well acceptance video 4" PVC riser and 20'of SS riser and then SS screen well looks good light silt in sump
PTX06-1224	5/30/2023	Well inspection & video well acceptance	394.80	502				well acceptance video 4"PVC riser and screen camera show 395.6 water at and screen at 404. about 8.6' over screen green tint on screen 20' riser then screen little silt in sump
PTX06-REC413	5/24/2023	Well video for Well acceptance	282.50	295				Well acceptance video. Well did not have lock or seal 6" well PVC riser and SS screen theirs a mouth above screen and in water bottom portion of screen has a Green tint little silt in sump well looks good
PTX06-REC423	5/24/2023	Well video for Well acceptance	283.70	294				Well acceptance video no lock or seal 6"PVC riser and SS screen Green tint on lower screen section and little silt in sump. Well looks good and well ballard still need cement caps

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
OW-WR-38	5/17/2023	Other-See Comments & well inspection	216.50	228		13.0		Pull bundle then run camera.4" PVC riser and screen @ 165.5 Dark spot on riser can't tell what it is screen looks good little silt in sump
PTX06-1008	5/12/2023	Other-See Comments & pump removal	267.60	279				bundle Removal Water probe was stuck down hole and tubing bundle was Damaged when pulled out
PTX07-1R01	5/8/2023	Re-development	463.60	599		10.0		5/8/23 Surge/brush and Bail Dirty pulled 40 Gal 5/9/23 Surge/brush and Bail Still Dirty pulled 60 Gal 5/10/23 Surge/brush and Bail Still Dirty but cleaned up a little then surge and pulled 140 Gal
PTX07-1R01	5/3/2023	Rehab	463.60	599		10.0		4" Well pull tubing bundle and blow water out then surge/brush well
PTX06-EW-2	5/2/2023	Other-See Comments & re-install pump	274.60	295				Re-install pump help from SEPTS Crew
PTX06-EW-48	5/2/2023	Other-See Comments & re-install pump	276.30	287				Re-install Pump with Help from SEPTS crew
PTX06-EW-67	5/2/2023	Other-See Comments & re-install pump	272.60	294				Re-install Pump with Help from SEPTS crew
PTX06-EW-48	5/1/2023	Other-See Comments & try to fish cable						Try to Fish cable form bottom of well, tried a magnet and tool from Talon could not get it

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-44	5/1/2023	Other-See Comments & Try to fish cable						Try to Fish cable from bottom of well, tried magnet and tool from Talon could not get it
PTX06-EW-44	4/28/2023	Well video						Well inspection 5" PVC riser and SS screen light staining on screen closer to bottom. Water got cloudy and a piece of cable in sump well looks good
PTX06-EW-44	4/26/2023	Extraction well service	275.00	286				4/26/23 5" well had to cut the surge block rubber seals and wire. Surge/brush and bail 4/27/23 surge/brush and bail well cleaned up
PTX06-EW-39	4/25/2023	Well video						Well inspection 6" PVC riser and SS screen well looked good light staining on screen little silt in sump
PTX06-1201	4/25/2023	Well video	282.60	294		6.0		Well inspection 4" PVC riser and screen black film on screen
PTX06-EW-48	4/24/2023	Well video						Well inspection 6" PVC riser and SS screen all looked good light staining on screen and cable in the sump bottom of well
PTX06-EW-39	4/18/2023	Extraction well service	273.30	287				4/18/23 surge/brush and bail pulled 150 Gal 4/19/23 surge/brush and bail cleared up pull 225 Gal
PTX06-EW-48	4/17/2023	Extraction well service						6" PVC riser and SS screen surge/brush and bail only 10 foot of water pulled 30 Gal
PTX06-1062A	4/14/2023	Misc. maintenance Add drop tube			520	6.0	526.0	Pull bundle to add drop tube. 6 foot extension and re-install pump for 10 min
PTX06-1058	4/14/2023	Well video & Re-install bundle						Well Video 4"SS riser/screen on top of water a film and camera lens got dirty pull out and clean re-enter well looks good just fine silt and water was murky could not see bottom. Pull out and re-install bundle pump for 10 min
PTX06-EW-2	4/13/2023	Well video						Well Video 6" SS riser and screen well looks good very little scaling little silt on bottom of well
PTX06-EW-48	4/12/2023	Extraction well service	276.30	287				surge/brush and bail not much water let recharge pulled 25 Gal 14 sticks of 21 foot and a one foot eight inch

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-2	4/10/2023	Extraction well service	274.60	295				4-10-23 6" SS riser and screen surge/brush and bail pulled 75 Gal 4-11-23 surge/brush and bail pulled 175 Gal clean up good 14 stick of 21 foot and one five foot
PTX06-EW-39	4/5/2023	Re-development						Pull pump and drop pipe 14 sticks of 21 foot and a one foot
PTX06-EW-67	4/5/2023	Re-development						Pull pump and drop pipe 14 sticks of 21 foot and eight and a half
PTX06-EW-44	4/5/2023	Re-development						Pull pump and drop pipe 14 sticks of 21 foot and a two foot
PTX06-EW-2	4/3/2023	Re-development						Pull pump and drop pipe 14 sticks and one five foot
PTX06-EW-48	4/3/2023	Re-development						Pull pump and drop pipe
PTX06-1058	3/29/2023	Re-development				0.0		3/29/23 Surge/Brush and Bail pulled 160 Gal 3/30/23 Surge/Brush and Bail pulled 140 Gal
PTX06-1198	3/28/2023	Well video Well inspection	295.90	299				Well inspection 6" PVC riser and SS screen Silty/Clay in screen. Water only in sump little silt
PTX06-1093	3/28/2023	Well video Well inspection	0.00	265				Well inspection 4" PVC riser and SS screen well looks good but Dry
PTX07-1O01	3/27/2023	Well video Well inspection	254.00	262		11.0		Pull bundle.4"SS riser and screen run camera screen above water has a lot Calcium/Scaling and screen in water has some staining Sump has little silt
PTX01-1010	3/23/2023	Re-install bundle	514.80	847				Tie Diverter to pump. Drop tubing bundle test pump for 15 min. water in tubing bundle drop down could have a hole in tubing

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX01-1010	3/22/2023	Well video	514.80	847				4"SS Riser and Screen. Looks Good the deeper we go more silt and scaling in the screen. Sump had little silt. Couldn't set pump had Personal Safety conditions
PTX06-1058	3/15/2023	Bennett pump service				0.0		Pull pump. Blow out tubing and grease Rig then brushed and shut down Personal Safety conditions
PTX01-1010	3/7/2023	Bennett pump service Re-development	514.80	847				3-7-23 / pulled bundle and diverter was stuck got it pulled cable was tangled up on pump 3-8-23 / surge - brush and bailed pulled 50GAL 3-9-23 / surge - brush and bailed pulled 70GAL 3-13-23/ surge - brush and bailed pulled 50GAL 3-14-23 / surge - brush and bailed pulled 50GAL
PTX06-1044	3/6/2023	Well video	505.40	615		15.0		4"SS riser and screen. Screen above riser has a lot of Clay and screen in water has a lot of scaling and Bottom has a lot of Silt and sump is full Re-install tubing bundle and pump for 10 min
PTX06-1044	2/27/2023	Re-development	505.40	617		15.0		2/27/23 4' SS screen and riser. pull bundle and surge/brush well had a lot of silty/mud on brushing tool 2/28/23 surge/brush and bail well pull 40 Gal had to stop for Personnel Safety 11:45 rest of the day 3/1/23 surge/brush and bail well pull 110 Gal unload tank in Ditch 3/2/23 surge/brush and bail well cleaned up. Pull 80 Gal and unload tank in ditch
PTX06-ISB079	2/23/2023	pump removal						pull bundle for injection
PTX01-1011	2/23/2023	Re-development	512.20	789				2/23/23 install tubing bundle and diverter got stuck pull back out take it apart remove washers and reassemble and set pump 2/27/23 test pump run for 10 min
PTX06-1059	2/23/2023	Re-development	423.40	539				re-install bundle. wait for ice in bundle to melt pump for 10 min
PTX06-ISB082	2/23/2023	pump removal						pull bundle for injection

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1076	2/21/2023	Bennett pump service	346.70	366				Install bundle
PTX06-1076	2/20/2023	Well inspection & video	346.70	366				4" SS riser and screen riser looked good the top of the screen looked good the deeper we got it started to have scaling and the deeper we went the worse it got
PTX06-1072	2/17/2023	Bennett pump service	523.30	551	440		440.0	Installed new dedicated tubing bundle, Bennett pump with lower diverter attached. The diverter is set at 505' btoc with 1/8" stainless steel cable attaching the diverter to the pump. All hardware on the diverter was replaced with new stainless steel hardware (clamps/washers), as well as new diverter material was installed. Pumped 3 gallons of water from the well with strong pump action and steady water flow.
PTX06-1076	2/15/2023	Re-development	346.70	366				02-15-23 surg, brush and bail 75GAL 02-17-23 surg , brush and bail 250GAL
PTX06-1076	2/13/2023	Bennett pump service	346.70	366	344	12.0	356.0	Pulled dedicated tubing bundle, Bennett pump and drop tube in prep for well rehab activities per WMP schedule. The pump hung up in numerous spots in the casing while bundle was being pulled. Obtained water level and total depth measurements. There was no documentation in EIS as to tubing bundle length. Researched tubing length data and recorded on this entry.
PTX01-1011	2/13/2023	Well inspection & video	512.20	789				4"SS riser and screen riser looked good screen looked ok there was a a spot with more riser then more screen it had some build up and some silt in the screen closer to the bottom the more silt it got the sump was full up to the screen with silt
PTX06-1174	2/8/2023	Bennett pump service						re-install Bennett pump a lot of the zip ties was broken off
PTX06-1059	2/8/2023	Well inspection & video	423.40	539				4"SS riser and screen video down around 264.7 was a dent in the riser thick clay on screen above water and scaling on screen in water sump was full up to the screen

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX01-1011	2/6/2023	Re-development	513.00	783				02-06-23 surge/brush and bailed 4" well 50GAL 02-07-23 surge/brush and bailed 4" well 50GAL 02-08-23 surge/brush and bailed 4" well 50GAL Micah with helping 02-09-23 surge/brush and bailed 4" well 140GAL
PTX01-1011	2/3/2023	Bennett pump service	513.60	783				Pulled dedicated tubing bundle, Bennett pump and lower diverter in prep for well rehab per WMP. Pump in good condition. The diverter cable had about 10' wrapped around the lower portion of the tubing bundle just above the pump. Obtained total depth and top of water measurements. Installed j-plug in top of casing and secured well.
PTX06-1059	2/1/2023	Bennett pump service & Re-development	423.60	538				02-01-23 Pull bundle 4"PVC well and brush / surge 02-02-23 brush/surge and bailed well 140GAL 02-03-23 brush /surge and bail well 150GAL
PTX06-1218	1/31/2023	Misc. maintenance	280.80					drive out to get water level on well it had a lock on it with no security seal did have a J-plug
PTX06-1221	1/31/2023	Misc. maintenance	282.80					drive out to get water level on well it had a lock on it with no security seal did have a J-plug
PTX06-1219	1/31/2023	Misc. maintenance	282.10					drive out to get water level on well it had a lock on it with no security seal did have a J-plug there was paint on the tag
PTX06-1215	1/31/2023	Misc. maintenance	281.50					drive out to get water level on well it had a lock on it with no security seal did have a J-plug
PTX06-1216	1/31/2023	Misc. maintenance	281.10					drive out to get water level on well it had a lock with security seal did have a J-plug also
PTX06-EW-62	1/19/2023	Misc. maintenance & Set pump	277.90	296				Set pump
PTX06-EW-30	1/19/2023	Misc. maintenance & Set pump	277.40	301				Set pump
PTX06-EW-23A	1/19/2023	Misc. maintenance & Set pump	277.40	303				Set pump. Well vault Lid seal and hinge broke

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-29	1/19/2023	Misc. maintenance & Set pump	272.80	286				Set pump
PTX06-EW-56	1/18/2023	Misc. maintenance & Set pump	277.30	294				Set pump
PTX06-EW-3	1/18/2023	Re-development	273.70	283				set pump back in well with help from P&T guys
PTX06-EW-1	1/18/2023	Re-development	273.60	292				set pump back in well with help with P&T guys
PTX06-EW-29	1/17/2023	Well inspection & video	272.80	286				ran camera 6"well PVC riser SS screen the screen looks very good water looks cloudy fine silt in sump with zip-tie on the bottom
PTX06-EW-23A	1/17/2023	Well inspection & video	277.40	303				6" PVC and 6" SS screen ran camera screen looks good water was cloudy very little fine silt in sump needs new seal on lid and the lid hinge on lid is broke easy for varmints to get in to the vault
PTX06-EW-29	1/16/2023	Re-development						bailed well H 2/O was black so we brushed and surged well for 1 HR then bailed till H2/O till cleared up then brushed and surged for a HR and then bailed again it cleaned up very fast called it good
PTX06-EW-23A	1/12/2023	Re-development						Change wire on brush then, Surge/brush and bail well. Pulled 300 Gal of water
PTX06-EW-30	1/11/2023	Re-development & Fishing						6" Well casing mount magnet to TD reel to fish out bolt/washer at the bottom. Run it down to TD feel around then pull out nothing on magnet and STOP for Personnel Safety
PTX06-1047A	1/10/2023	Well inspection & video	279.00	300		10.0		Pull bundle. run camera 4" PVC riser and screen looks Good. Very little silt in end cap.re-install bundle did not work pull back out check fitting and drain tube re-install working good pumped for 10 min
PTX06-1174	1/6/2023	Well inspection & video				6.0		pulled bundle ran camera 4"PVC riser water was green looks like it still has some fluorescein in it water was above screen could not tell if it was SS or PVC we did not go in to the water we did not want to contaminate our equipment

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1096A	1/6/2023	Well inspection & video		267				well looked good PVC riser and SS screen well was DRY
PTX06-1091	1/5/2023	Well inspection & video	0.00					4"PVC riser and SS screen all looked good well DRY
PTX06-1190	1/5/2023	Well inspection & video	282.10	290				4"PVC riser and screen well looked good some spots of rust staining on screen small amount of silt in sump
PTX06-1203	1/5/2023	Well inspection & video	283.30	295				4"PVC riser and screen riser looked good screen had some saining on the top but the rest looked good with a small amount of silt and sand in the sump
PTX06-1051	1/4/2023	Well inspection & video	293.10	294				video well 4" PVC riser and PVC screen well looked good VERY little water in well it was below the screen
PTX06-1183	1/4/2023	Well inspection & video	280.10	290				4"PVC riser and PVC screen looked good small amount of silt put pump back in tested pump it would not pump correctly so we changed out pumps started to work good with no issues pump (1806B-1027)
PTX06-EW-30	1/3/2023	Well inspection & video	277.40	301				6" PVC riser and SS screen cleaned up good still had some stains and some build up some fine silt in the bottom of the screen and sump it had some parts or fittings on the bottom of the well
PTX06-EW-23A	1/3/2023	Well inspection & video	273.70	302				6"well PVC riser with SS screen had some build up with staining in the lower section of the well the H2/O started to get cloudy it had some fine silt on the bottom of the well

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 and Groundwater Elevations

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX01-1010	Ogallala	2/28/2023	514.30	3061.85
PTX01-1010	Ogallala	6/20/2023	516.20	3059.95
PTX01-1010	Ogallala	11/15/2023	517.60	3058.55
PTX01-1010	Ogallala	12/11/2023	516.80	3059.35
PTX01-1011	Ogallala	2/28/2023	511.70	3063.37
PTX01-1011	Ogallala	6/20/2023	513.40	3061.67
PTX01-1011	Ogallala	7/26/2023	516.50	3058.57
PTX01-1011	Ogallala	12/11/2023	515.40	3059.67
PTX01-1012	Ogallala	2/6/2023	525.90	3048.86
PTX01-1012	Ogallala	6/19/2023	527.30	3047.46
PTX01-1012	Ogallala	12/11/2023	525.00	3049.76
PTX01-1013	Ogallala	1/31/2023	523.40	3060.90
PTX01-1013	Ogallala	6/19/2023	523.90	3060.40
PTX01-1013	Ogallala	12/11/2023	525.80	3058.50
PTX06-1043	Ogallala	2/6/2023	453.90	3070.74
PTX06-1043	Ogallala	6/19/2023	454.60	3070.04
PTX06-1043	Ogallala	7/25/2023	454.60	3070.04
PTX06-1043	Ogallala	12/11/2023	455.40	3069.24
PTX06-1044	Ogallala	5/1/2023	506.50	3038.01
PTX06-1044	Ogallala	6/19/2023	506.60	3037.91
PTX06-1044	Ogallala	10/24/2023	507.10	3037.41
PTX06-1044	Ogallala	12/11/2023	507.50	3037.01
PTX06-1056	Ogallala	1/30/2023	401.60	3131.36
PTX06-1056	Ogallala	6/20/2023	401.80	3131.16
PTX06-1056	Ogallala	8/1/2023	401.70	3131.26
PTX06-1056	Ogallala	8/23/2023	401.70	3131.26
PTX06-1056	Ogallala	12/11/2023	401.90	3131.06
PTX06-1057A	Ogallala	4/17/2023	479.70	3087.40
PTX06-1057A	Ogallala	6/21/2023	480.10	3087.00
PTX06-1057A	Ogallala	12/11/2023	480.90	3086.20
PTX06-1058	Ogallala	6/20/2023	406.50	3162.05
PTX06-1058	Ogallala	7/17/2023	406.50	3162.05
PTX06-1058	Ogallala	12/11/2023	406.60	3161.95
PTX06-1059	Ogallala	6/20/2023	423.90	3124.13
PTX06-1059	Ogallala	7/17/2023	423.90	3124.13
PTX06-1059	Ogallala	12/11/2023	423.80	3124.23
PTX06-1060	Ogallala	4/17/2023	357.60	3215.16
PTX06-1060	Ogallala	6/19/2023	357.20	3215.56

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1060	Ogallala	12/11/2023	357.50	3215.26
PTX06-1061	Ogallala	4/17/2023	522.20	3069.74
PTX06-1061	Ogallala	6/19/2023	520.60	3071.34
PTX06-1061	Ogallala	12/11/2023	522.10	3069.84
PTX06-1062A	Ogallala	5/9/2023	521.00	3052.96
PTX06-1062A	Ogallala	6/20/2023	520.30	3053.66
PTX06-1062A	Ogallala	7/26/2023	522.10	3051.86
PTX06-1062A	Ogallala	12/11/2023	521.00	3052.96
PTX06-1064	Ogallala	1/10/2023	526.10	3038.53
PTX06-1064	Ogallala	6/19/2023	526.10	3038.53
PTX06-1064	Ogallala	11/15/2023	527.50	3037.13
PTX06-1064	Ogallala	12/11/2023	527.40	3037.23
PTX06-1068	Ogallala	4/25/2023	537.80	3000.91
PTX06-1068	Ogallala	6/19/2023	537.80	3000.91
PTX06-1068	Ogallala	10/24/2023	539.00	2999.71
PTX06-1068	Ogallala	12/11/2023	539.40	2999.31
PTX06-1072	Ogallala	2/28/2023	422.50	3129.30
PTX06-1072	Ogallala	6/19/2023	423.00	3128.80
PTX06-1072	Ogallala	12/4/2023	423.50	3128.30
PTX06-1072	Ogallala	12/11/2023	423.70	3128.10
PTX06-1075	Ogallala	6/20/2023	351.70	3196.76
PTX06-1075	Ogallala	8/1/2023	351.70	3196.76
PTX06-1075	Ogallala	12/12/2023	351.90	3196.56
PTX06-1076	Ogallala	5/1/2023	346.70	3183.66
PTX06-1076	Ogallala	6/20/2023	346.80	3183.56
PTX06-1076	Ogallala	8/1/2023	346.80	3183.56
PTX06-1076	Ogallala	10/17/2023	346.80	3183.56
PTX06-1076	Ogallala	10/17/2023	346.80	3183.56
PTX06-1076	Ogallala	11/14/2023	346.80	3183.56
PTX06-1076	Ogallala	12/6/2023	346.80	3183.56
PTX06-1076	Ogallala	12/11/2023	346.80	3183.56
PTX06-1137A	Ogallala	4/24/2023	481.00	3048.61
PTX06-1137A	Ogallala	6/19/2023	480.90	3048.71
PTX06-1137A	Ogallala	10/16/2023	482.10	3047.51
PTX06-1137A	Ogallala	12/11/2023	482.00	3047.61
PTX06-1138	Ogallala	4/24/2023	474.20	3062.50
PTX06-1138	Ogallala	6/19/2023	474.20	3062.50
PTX06-1138	Ogallala	10/16/2023	475.00	3061.70
PTX06-1138	Ogallala	12/11/2023	475.00	3061.70

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1139	Ogallala	1/30/2023	443.80	3087.93
PTX06-1139	Ogallala	6/19/2023	443.80	3087.93
PTX06-1139	Ogallala	7/25/2023	444.20	3087.53
PTX06-1139	Ogallala	8/16/2023	444.20	3087.53
PTX06-1139	Ogallala	12/11/2023	444.40	3087.33
PTX06-1140	Ogallala	4/24/2023	502.00	3027.39
PTX06-1140	Ogallala	6/19/2023	501.70	3027.69
PTX06-1140	Ogallala	10/16/2023	502.80	3026.59
PTX06-1140	Ogallala	12/11/2023	502.70	3026.69
PTX06-1141	Ogallala	2/6/2023	488.50	3074.23
PTX06-1141	Ogallala	6/21/2023	489.20	3073.53
PTX06-1141	Ogallala	12/11/2023	489.90	3072.83
PTX06-1143	Ogallala	4/25/2023	504.70	3043.24
PTX06-1143	Ogallala	6/19/2023	505.90	3042.04
PTX06-1143	Ogallala	8/28/2023	506.30	3041.64
PTX06-1143	Ogallala	10/17/2023	506.30	3041.64
PTX06-1143	Ogallala	12/11/2023	506.90	3041.04
PTX06-1144	Ogallala	4/25/2023	504.60	3023.98
PTX06-1144	Ogallala	6/19/2023	504.90	3023.68
PTX06-1144	Ogallala	10/17/2023	506.00	3022.58
PTX06-1144	Ogallala	12/11/2023	507.00	3021.58
PTX06-1157	Ogallala	1/30/2023	399.20	3126.75
PTX06-1157	Ogallala	6/19/2023	398.90	3127.05
PTX06-1157	Ogallala	7/25/2023	399.10	3126.85
PTX06-1157	Ogallala	12/11/2023	399.20	3126.75
PTX06-1223	Ogallala	8/21/2023	376.90	3155.26
PTX06-1223	Ogallala	8/21/2023	375.90	3156.26
PTX06-1223	Ogallala	8/21/2023	376.70	3155.46
PTX06-1223	Ogallala	8/23/2023	370.70	3161.46
PTX06-1223	Ogallala	8/23/2023	382.90	3149.26
PTX06-1223	Ogallala	12/6/2023	376.70	3155.46
PTX06-1224	Ogallala	8/14/2023	395.60	3135.53
PTX06-1224	Ogallala	8/14/2023	394.70	3136.43
PTX06-1224	Ogallala	8/14/2023	394.70	3136.43
PTX06-1224	Ogallala	8/16/2023	405.30	3125.83
PTX06-1224	Ogallala	8/16/2023	406.70	3124.43
PTX06-1224	Ogallala	12/5/2023	395.00	3136.13
PTX06-1229	Ogallala	12/6/2023	397.40	3136.85
PTX07-1R01	Ogallala	6/19/2023	463.60	3108.27

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX07-1R01	Ogallala	7/17/2023	463.90	3107.97
PTX07-1R01	Ogallala	12/12/2023	464.40	3107.47
1114-MW4	Perched	6/19/2023	274.30	3276.43
1114-MW4	Perched	8/8/2023	274.40	3276.33
1114-MW4	Perched	12/11/2023	274.30	3276.43
OW-WR-38	Perched	5/9/2023	216.80	3305.14
OW-WR-38	Perched	6/19/2023	216.80	3305.14
OW-WR-38	Perched	12/11/2023	212.30	3309.64
OW-WR-45	Perched	6/19/2023	261.70	3285.40
OW-WR-45	Perched	12/11/2023	261.00	3286.10
PTX01-1001	Perched	6/21/2023	283.70	3285.46
PTX01-1001	Perched	10/23/2023	283.10	3286.06
PTX01-1001	Perched	10/23/2023	283.10	3286.06
PTX01-1001	Perched	12/11/2023	282.90	3286.26
PTX01-1004	Perched	6/21/2023	DRY	
PTX01-1004	Perched	12/11/2023	DRY	
PTX01-1006	Perched	6/21/2023	DRY	
PTX01-1006	Perched	12/11/2023	DRY	
PTX01-1007	Perched	6/21/2023	DRY	
PTX01-1007	Perched	12/11/2023	DRY	
PTX01-1008	Perched	6/21/2023	274.20	3296.58
PTX01-1008	Perched	10/23/2023	274.70	3296.08
PTX01-1008	Perched	10/23/2023	274.70	3296.08
PTX01-1008	Perched	12/11/2023	274.80	3295.98
PTX01-1009	Perched	6/21/2023	285.50	3283.81
PTX01-1009	Perched	12/11/2023	285.40	3283.91
PTX01-1014A	Perched	6/21/2023	265.20	3300.03
PTX01-1014A	Perched	12/12/2023	264.80	3300.43
PTX04-1002	Perched	6/19/2023	223.60	3307.65
PTX04-1002	Perched	12/11/2023	223.70	3307.55
PTX06-1002A	Perched	2/22/2023	257.50	3283.88
PTX06-1002A	Perched	6/20/2023	257.40	3283.98
PTX06-1002A	Perched	12/11/2023	257.10	3284.28
PTX06-1003	Perched	6/20/2023	264.00	3275.82
PTX06-1003	Perched	12/11/2023	263.90	3275.92
PTX06-1005	Perched	2/22/2023	281.10	3256.81
PTX06-1005	Perched	6/20/2023	281.10	3256.81
PTX06-1005	Perched	8/7/2023	281.20	3256.71
PTX06-1005	Perched	12/12/2023	281.80	3256.11

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1006	Perched	6/20/2023	269.60	3275.32
PTX06-1006	Perched	11/8/2023	269.70	3275.22
PTX06-1006	Perched	11/8/2023	269.70	3275.22
PTX06-1006	Perched	12/11/2023	269.60	3275.32
PTX06-1007	Perched	6/19/2023	269.30	3277.40
PTX06-1007	Perched	11/7/2023	269.20	3277.50
PTX06-1007	Perched	11/7/2023	269.20	3277.50
PTX06-1007	Perched	12/11/2023	269.20	3277.50
PTX06-1008	Perched	6/19/2023	267.40	3281.78
PTX06-1008	Perched	12/11/2023	267.40	3281.78
PTX06-1009	Perched	6/19/2023	266.10	3280.51
PTX06-1009	Perched	12/11/2023	266.20	3280.41
PTX06-1010	Perched	5/17/2023	259.30	3286.86
PTX06-1010	Perched	6/19/2023	259.20	3286.96
PTX06-1010	Perched	12/11/2023	258.80	3287.36
PTX06-1011	Perched	5/17/2023	276.00	3269.37
PTX06-1011	Perched	6/19/2023	276.00	3269.37
PTX06-1011	Perched	12/11/2023	276.00	3269.37
PTX06-1012	Perched	5/30/2023	269.25	3271.61
PTX06-1012	Perched	6/20/2023	269.20	3271.66
PTX06-1012	Perched	11/1/2023	269.10	3271.76
PTX06-1012	Perched	12/12/2023	269.10	3271.76
PTX06-1013	Perched	2/13/2023	248.50	3295.74
PTX06-1013	Perched	6/19/2023	248.40	3295.84
PTX06-1013	Perched	12/11/2023	248.40	3295.84
PTX06-1014	Perched	6/20/2023	279.40	3253.74
PTX06-1014	Perched	7/18/2023	279.50	3253.64
PTX06-1014	Perched	8/30/2023	279.60	3253.54
PTX06-1014	Perched	8/30/2023	279.60	3253.54
PTX06-1014	Perched	9/13/2023	279.50	3253.64
PTX06-1014	Perched	12/12/2023	279.70	3253.44
PTX06-1015	Perched	3/1/2023	288.10	3242.00
PTX06-1015	Perched	6/20/2023	288.00	3242.10
PTX06-1015	Perched	12/11/2023	288.10	3242.00
PTX06-1017	Perched	6/20/2023	280.50	3253.16
PTX06-1017	Perched	12/12/2023	280.80	3252.86
PTX06-1023	Perched	2/13/2023	248.40	3296.03
PTX06-1023	Perched	6/19/2023	246.20	3298.23
PTX06-1023	Perched	12/11/2023	246.20	3298.23

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1030	Perched	6/19/2023	DRY	
PTX06-1030	Perched	12/11/2023	DRY	
PTX06-1031	Perched	5/3/2023	286.10	3243.31
PTX06-1031	Perched	6/19/2023	286.30	3243.11
PTX06-1031	Perched	10/30/2023	286.50	3242.91
PTX06-1031	Perched	12/11/2023	286.40	3243.01
PTX06-1031	Perched	12/19/2023	286.40	3243.01
PTX06-1034	Perched	2/8/2023	284.20	3240.72
PTX06-1034	Perched	6/19/2023	284.70	3240.22
PTX06-1034	Perched	8/7/2023	284.60	3240.32
PTX06-1034	Perched	12/11/2023	284.80	3240.12
PTX06-1035	Perched	2/21/2023	269.80	3271.89
PTX06-1035	Perched	6/20/2023	270.00	3271.69
PTX06-1035	Perched	8/9/2023	270.00	3271.69
PTX06-1035	Perched	9/27/2023	270.00	3271.69
PTX06-1035	Perched	12/12/2023	270.00	3271.69
PTX06-1036	Perched	6/20/2023	284.80	3249.81
PTX06-1036	Perched	12/11/2023	284.80	3249.81
PTX06-1037	Perched	2/22/2023	279.70	3248.65
PTX06-1037	Perched	6/19/2023	279.80	3248.55
PTX06-1037	Perched	9/12/2023	280.10	3248.25
PTX06-1037	Perched	12/11/2023	279.80	3248.55
PTX06-1038	Perched	4/18/2023	265.40	3276.89
PTX06-1038	Perched	6/20/2023	265.30	3276.99
PTX06-1038	Perched	12/11/2023	265.10	3277.19
PTX06-1039A	Perched	6/20/2023	274.20	3266.51
PTX06-1039A	Perched	10/31/2023	273.60	3267.11
PTX06-1039A	Perched	12/12/2023	273.40	3267.31
PTX06-1040	Perched	5/10/2023	284.50	3255.16
PTX06-1040	Perched	6/20/2023	284.70	3254.96
PTX06-1040	Perched	11/20/2023	284.70	3254.96
PTX06-1040	Perched	12/12/2023	284.40	3255.26
PTX06-1041	Perched	6/14/2023	283.90	3254.86
PTX06-1041	Perched	6/20/2023	283.80	3254.96
PTX06-1041	Perched	8/29/2023	284.20	3254.56
PTX06-1041	Perched	8/29/2023	284.20	3254.56
PTX06-1041	Perched	9/13/2023	284.20	3254.56
PTX06-1041	Perched	10/30/2023	283.90	3254.86
PTX06-1041	Perched	12/12/2023	283.60	3255.16

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1042	Perched	5/10/2023	280.60	3254.77
PTX06-1042	Perched	6/20/2023	280.60	3254.77
PTX06-1042	Perched	11/20/2023	280.90	3254.47
PTX06-1042	Perched	12/12/2023	281.00	3254.37
PTX06-1045	Perched	2/28/2023	279.20	3249.00
PTX06-1045	Perched	6/20/2023	279.50	3248.70
PTX06-1045	Perched	12/11/2023	276.50	3251.70
PTX06-1046	Perched	5/3/2023	281.00	3246.79
PTX06-1046	Perched	6/20/2023	281.20	3246.59
PTX06-1046	Perched	10/25/2023	280.70	3247.09
PTX06-1046	Perched	12/11/2023	280.50	3247.29
PTX06-1047A	Perched	5/2/2023	279.10	3247.37
PTX06-1047A	Perched	6/20/2023	279.30	3247.17
PTX06-1047A	Perched	10/25/2023	278.80	3247.67
PTX06-1047A	Perched	12/11/2023	278.60	3247.87
PTX06-1048A	Perched	4/18/2023	235.70	3304.84
PTX06-1048A	Perched	6/19/2023	235.80	3304.74
PTX06-1048A	Perched	9/26/2023	235.80	3304.74
PTX06-1048A	Perched	12/11/2023	235.70	3304.84
PTX06-1049	Perched	6/21/2023	274.90	3281.68
PTX06-1049	Perched	7/18/2023	275.00	3281.58
PTX06-1049	Perched	12/11/2023	275.10	3281.48
PTX06-1050	Perched	2/13/2023	256.10	3298.28
PTX06-1050	Perched	6/19/2023	256.20	3298.18
PTX06-1050	Perched	12/12/2023	255.90	3298.48
PTX06-1051	Perched	6/20/2023	292.90	3239.39
PTX06-1051	Perched	12/11/2023	292.80	3239.49
PTX06-1052	Perched	3/1/2023	277.70	3259.30
PTX06-1052	Perched	6/20/2023	278.00	3259.00
PTX06-1052	Perched	8/2/2023	278.10	3258.90
PTX06-1052	Perched	9/1/2023	278.30	3258.70
PTX06-1052	Perched	9/1/2023	278.30	3258.70
PTX06-1052	Perched	9/12/2023	278.20	3258.80
PTX06-1052	Perched	12/11/2023	278.60	3258.40
PTX06-1053	Perched	2/15/2023	250.40	3269.44
PTX06-1053	Perched	6/20/2023	250.40	3269.44
PTX06-1053	Perched	12/11/2023	250.40	3269.44
PTX06-1069	Perched	6/19/2023	254.00	3279.01
PTX06-1069	Perched	7/18/2023	254.00	3279.01

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1069	Perched	12/11/2023	254.20	3278.81
PTX06-1071	Perched	6/19/2023	223.00	3308.15
PTX06-1071	Perched	12/11/2023	223.00	3308.15
PTX06-1073A	Perched	6/19/2023	DRY	
PTX06-1073A	Perched	12/11/2023	DRY	
PTX06-1077A	Perched	6/19/2023	269.40	3280.05
PTX06-1077A	Perched	8/2/2023	269.50	3279.95
PTX06-1077A	Perched	12/11/2023	269.40	3280.05
PTX06-1078	Perched	6/19/2023	DRY	
PTX06-1078	Perched	12/11/2023	DRY	
PTX06-1079	Perched	6/19/2023	276.60	3266.38
PTX06-1079	Perched	12/11/2023	DRY	
PTX06-1080	Perched	6/19/2023	271.20	3265.04
PTX06-1080	Perched	12/11/2023	271.00	3265.24
PTX06-1081	Perched	6/19/2023	226.90	3306.55
PTX06-1081	Perched	12/11/2023	227.20	3306.25
PTX06-1082	Perched	12/11/2023	175.20	3293.71
PTX06-1083	Perched	12/11/2023	179.10	3289.09
PTX06-1084	Perched	12/11/2023	208.30	3271.37
PTX06-1085	Perched	6/20/2023	259.30	3274.50
PTX06-1085	Perched	12/11/2023	258.70	3275.10
PTX06-1086	Perched	6/20/2023	250.40	3275.56
PTX06-1086	Perched	12/11/2023	249.50	3276.46
PTX06-1087	Perched	6/20/2023	255.60	3278.46
PTX06-1087	Perched	12/11/2023	255.70	3278.36
PTX06-1088	Perched	5/17/2023	277.30	3266.61
PTX06-1088	Perched	6/14/2023	277.50	3266.41
PTX06-1088	Perched	6/19/2023	277.40	3266.51
PTX06-1088	Perched	11/8/2023	278.00	3265.91
PTX06-1088	Perched	12/11/2023	278.00	3265.91
PTX06-1089	Perched	6/19/2023	272.50	3262.96
PTX06-1089	Perched	12/11/2023	272.30	3263.16
PTX06-1090	Perched	6/19/2023	DRY	
PTX06-1090	Perched	12/11/2023	DRY	
PTX06-1091	Perched	6/19/2023	DRY	
PTX06-1091	Perched	12/11/2023	DRY	
PTX06-1093	Perched	6/19/2023	DRY	
PTX06-1093	Perched	12/11/2023	DRY	
PTX06-1095A	Perched	5/8/2023	279.70	3256.03

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1095A	Perched	6/20/2023	279.60	3256.13
PTX06-1095A	Perched	10/23/2023	280.00	3255.73
PTX06-1095A	Perched	12/12/2023	280.30	3255.43
PTX06-1097	Perched	6/21/2023	DRY	
PTX06-1097	Perched	12/11/2023	DRY	
PTX06-1098	Perched	3/6/2023	278.70	3254.89
PTX06-1098	Perched	6/20/2023	278.60	3254.99
PTX06-1098	Perched	12/11/2023	279.10	3254.49
PTX06-1100	Perched	3/7/2023	279.40	3255.23
PTX06-1100	Perched	6/19/2023	279.40	3255.23
PTX06-1100	Perched	12/11/2023	279.90	3254.73
PTX06-1101	Perched	3/7/2023	278.80	3254.75
PTX06-1101	Perched	6/19/2023	278.60	3254.95
PTX06-1101	Perched	12/11/2023	279.10	3254.45
PTX06-1102	Perched	6/20/2023	288.40	3246.52
PTX06-1102	Perched	12/11/2023	288.40	3246.52
PTX06-1103	Perched	6/20/2023	DRY	
PTX06-1103	Perched	12/11/2023	DRY	
PTX06-1109	Perched	6/19/2023	218.90	3300.42
PTX06-1109	Perched	12/11/2023	217.90	3301.42
PTX06-1110	Perched	6/19/2023	221.50	3300.03
PTX06-1110	Perched	12/11/2023	220.60	3300.93
PTX06-1112	Perched	6/19/2023	240.80	3302.67
PTX06-1112	Perched	12/11/2023	236.20	3307.27
PTX06-1113	Perched	6/19/2023	243.00	3302.47
PTX06-1113	Perched	12/11/2023	238.50	3306.97
PTX06-1115	Perched	6/19/2023	228.00	3301.18
PTX06-1115	Perched	12/11/2023	224.60	3304.58
PTX06-1116	Perched	6/19/2023	230.00	3300.16
PTX06-1116	Perched	12/11/2023	227.20	3302.96
PTX06-1118	Perched	6/19/2023	DRY	
PTX06-1118	Perched	12/11/2023	DRY	
PTX06-1120	Perched	6/20/2023	279.60	3247.98
PTX06-1120	Perched	10/25/2023	279.10	3248.48
PTX06-1120	Perched	12/11/2023	278.90	3248.68
PTX06-1121	Perched	6/20/2023	279.30	3247.23
PTX06-1121	Perched	12/11/2023	279.10	3247.43
PTX06-1122	Perched	6/20/2023	DRY	
PTX06-1122	Perched	12/11/2023	DRY	

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1123	Perched	2/22/2023	279.15	3249.88
PTX06-1123	Perched	6/19/2023	279.40	3249.63
PTX06-1123	Perched	12/11/2023	279.50	3249.53
PTX06-1125	Perched	6/20/2023	DRY	
PTX06-1125	Perched	12/11/2023	DRY	
PTX06-1126	Perched	4/26/2023	269.20	3273.25
PTX06-1126	Perched	6/20/2023	269.20	3273.25
PTX06-1126	Perched	11/1/2023	269.00	3273.45
PTX06-1126	Perched	12/12/2023	269.00	3273.45
PTX06-1127	Perched	4/26/2023	265.50	3273.10
PTX06-1127	Perched	6/20/2023	265.50	3273.10
PTX06-1127	Perched	11/7/2023	265.20	3273.40
PTX06-1127	Perched	11/7/2023	265.20	3273.40
PTX06-1127	Perched	12/12/2023	265.40	3273.20
PTX06-1128	Perched	6/19/2023	219.70	3302.26
PTX06-1128	Perched	12/11/2023	218.40	3303.56
PTX06-1129	Perched	6/19/2023	224.60	3297.94
PTX06-1129	Perched	12/11/2023	224.60	3297.94
PTX06-1130	Perched	6/19/2023	DRY	
PTX06-1130	Perched	11/20/2023	DRY	
PTX06-1130	Perched	12/11/2023	DRY	
PTX06-1131	Perched	4/18/2023	279.20	3270.17
PTX06-1131	Perched	6/20/2023	279.30	3270.07
PTX06-1131	Perched	9/26/2023	279.40	3269.97
PTX06-1131	Perched	12/12/2023	279.40	3269.97
PTX06-1133A	Perched	5/10/2023	279.60	3241.05
PTX06-1133A	Perched	6/19/2023	279.90	3240.75
PTX06-1133A	Perched	11/20/2023	279.70	3240.95
PTX06-1133A	Perched	12/11/2023	279.70	3240.95
PTX06-1134	Perched	4/19/2023	266.30	3271.89
PTX06-1134	Perched	6/20/2023	266.40	3271.79
PTX06-1134	Perched	11/14/2023	266.30	3271.89
PTX06-1134	Perched	12/11/2023	266.20	3271.99
PTX06-1135	Perched	6/20/2023	273.30	3262.23
PTX06-1135	Perched	12/11/2023	274.00	3261.53
PTX06-1136	Perched	6/21/2023	DRY	
PTX06-1136	Perched	12/11/2023	DRY	
PTX06-1146	Perched	2/15/2023	279.50	3256.59
PTX06-1146	Perched	6/19/2023	280.00	3256.09

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1146	Perched	8/7/2023	279.90	3256.19
PTX06-1146	Perched	12/11/2023	280.10	3255.99
PTX06-1147	Perched	5/3/2023	288.10	3241.65
PTX06-1147	Perched	6/19/2023	288.30	3241.45
PTX06-1147	Perched	10/30/2023	288.50	3241.25
PTX06-1147	Perched	12/11/2023	288.20	3241.55
PTX06-1148	Perched	6/13/2023	255.10	3271.02
PTX06-1148	Perched	6/19/2023	255.10	3271.02
PTX06-1148	Perched	11/7/2023	255.20	3270.92
PTX06-1148	Perched	12/11/2023	255.10	3271.02
PTX06-1149	Perched	6/13/2023	259.70	3271.75
PTX06-1149	Perched	6/19/2023	259.60	3271.85
PTX06-1149	Perched	11/7/2023	259.60	3271.85
PTX06-1149	Perched	12/11/2023	259.60	3271.85
PTX06-1150	Perched	6/13/2023	261.70	3272.29
PTX06-1150	Perched	6/19/2023	261.70	3272.29
PTX06-1150	Perched	11/7/2023	261.80	3272.19
PTX06-1150	Perched	12/11/2023	261.70	3272.29
PTX06-1151	Perched	3/6/2023	273.30	3273.38
PTX06-1151	Perched	6/19/2023	273.10	3273.58
PTX06-1151	Perched	9/19/2023	272.80	3273.88
PTX06-1151	Perched	12/12/2023	272.70	3273.98
PTX06-1153	Perched	2/28/2023	280.40	3248.89
PTX06-1153	Perched	6/19/2023	280.40	3248.89
PTX06-1153	Perched	9/12/2023	280.50	3248.79
PTX06-1153	Perched	12/11/2023	280.40	3248.89
PTX06-1154	Perched	2/22/2023	278.70	3249.44
PTX06-1154	Perched	6/19/2023	278.70	3249.44
PTX06-1154	Perched	11/7/2023	278.90	3249.24
PTX06-1154	Perched	12/11/2023	278.90	3249.24
PTX06-1155	Perched	5/30/2023	269.15	3272.77
PTX06-1155	Perched	6/20/2023	269.00	3272.92
PTX06-1155	Perched	11/1/2023	268.90	3273.02
PTX06-1155	Perched	12/12/2023	269.20	3272.72
PTX06-1156	Perched	5/30/2023	257.20	3272.22
PTX06-1156	Perched	6/20/2023	257.20	3272.22
PTX06-1156	Perched	11/1/2023	257.00	3272.42
PTX06-1156	Perched	12/12/2023	257.40	3272.02
PTX06-1158	Perched	6/19/2023	285.30	3234.91

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1158	Perched	12/11/2023	287.10	3233.11
PTX06-1159	Perched	2/21/2023	269.30	3272.57
PTX06-1159	Perched	6/20/2023	269.50	3272.37
PTX06-1159	Perched	8/9/2023	269.50	3272.37
PTX06-1159	Perched	9/27/2023	269.40	3272.47
PTX06-1159	Perched	12/12/2023	269.40	3272.47
PTX06-1160	Perched	2/21/2023	272.70	3273.89
PTX06-1160	Perched	6/20/2023	272.70	3273.89
PTX06-1160	Perched	8/9/2023	272.50	3274.09
PTX06-1160	Perched	9/27/2023	272.30	3274.29
PTX06-1160	Perched	12/12/2023	272.40	3274.19
PTX06-1164	Perched	5/10/2023	272.70	3272.68
PTX06-1164	Perched	6/20/2023	272.30	3273.08
PTX06-1164	Perched	11/13/2023	271.90	3273.48
PTX06-1164	Perched	12/12/2023	272.30	3273.08
PTX06-1166	Perched	2/15/2023	282.00	3251.46
PTX06-1166	Perched	6/20/2023	281.90	3251.56
PTX06-1166	Perched	8/2/2023	281.90	3251.56
PTX06-1166	Perched	12/11/2023	282.00	3251.46
PTX06-1167	Perched	6/20/2023	DRY	
PTX06-1167	Perched	12/11/2023	DRY	
PTX06-1168	Perched	6/20/2023	279.60	3254.09
PTX06-1168	Perched	12/12/2023	279.80	3253.89
PTX06-1169	Perched	5/10/2023	267.50	3272.22
PTX06-1169	Perched	6/20/2023	267.40	3272.32
PTX06-1169	Perched	11/14/2023	267.20	3272.52
PTX06-1169	Perched	12/12/2023	267.40	3272.32
PTX06-1170	Perched	5/10/2023	271.10	3271.64
PTX06-1170	Perched	6/20/2023	270.10	3272.64
PTX06-1170	Perched	11/14/2023	270.20	3272.54
PTX06-1170	Perched	12/12/2023	270.20	3272.54
PTX06-1171	Perched	6/20/2023	271.40	3273.14
PTX06-1171	Perched	9/19/2023	270.70	3273.84
PTX06-1171	Perched	12/12/2023	271.20	3273.34
PTX06-1173	Perched	6/14/2023	271.40	3271.57
PTX06-1173	Perched	6/20/2023	270.50	3272.47
PTX06-1173	Perched	10/31/2023	270.60	3272.37
PTX06-1173	Perched	12/12/2023	270.60	3272.37
PTX06-1174	Perched	6/14/2023	271.50	3272.79

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1174	Perched	6/20/2023	271.50	3272.79
PTX06-1174	Perched	10/31/2023	271.40	3272.89
PTX06-1174	Perched	12/12/2023	271.40	3272.89
PTX06-1175	Perched	6/14/2023	272.60	3272.69
PTX06-1175	Perched	6/20/2023	272.60	3272.69
PTX06-1175	Perched	11/1/2023	272.20	3273.09
PTX06-1175	Perched	12/12/2023	272.70	3272.59
PTX06-1176	Perched	4/19/2023	271.50	3272.65
PTX06-1176	Perched	6/20/2023	271.40	3272.75
PTX06-1176	Perched	11/13/2023	271.20	3272.95
PTX06-1176	Perched	12/12/2023	271.30	3272.85
PTX06-1177	Perched	4/19/2023	271.90	3272.84
PTX06-1177	Perched	6/20/2023	271.80	3272.94
PTX06-1177	Perched	11/13/2023	271.80	3272.94
PTX06-1177	Perched	12/12/2023	271.60	3273.14
PTX06-1180	Perched	3/7/2023	274.00	3273.37
PTX06-1180	Perched	6/19/2023	273.60	3273.77
PTX06-1180	Perched	9/19/2023	273.20	3274.17
PTX06-1180	Perched	12/12/2023	273.10	3274.27
PTX06-1181	Perched	3/7/2023	273.80	3273.61
PTX06-1181	Perched	6/19/2023	273.40	3274.01
PTX06-1181	Perched	9/25/2023	273.00	3274.41
PTX06-1181	Perched	12/12/2023	272.90	3274.51
PTX06-1182	Perched	5/2/2023	278.10	3239.22
PTX06-1182	Perched	6/19/2023	278.20	3239.12
PTX06-1182	Perched	10/30/2023	278.30	3239.02
PTX06-1182	Perched	12/11/2023	278.20	3239.12
PTX06-1183	Perched	4/19/2023	280.10	3254.22
PTX06-1183	Perched	6/20/2023	280.10	3254.22
PTX06-1183	Perched	11/14/2023	280.40	3253.92
PTX06-1183	Perched	12/11/2023	280.50	3253.82
PTX06-1184	Perched	6/19/2023	274.60	3241.57
PTX06-1184	Perched	12/11/2023	275.00	3241.17
PTX06-1185	Perched	5/2/2023	280.00	3237.37
PTX06-1185	Perched	6/19/2023	280.10	3237.27
PTX06-1185	Perched	10/18/2023	279.90	3237.47
PTX06-1185	Perched	12/11/2023	280.10	3237.27
PTX06-1188	Perched	6/20/2023	DRY	
PTX06-1188	Perched	12/11/2023	DRY	

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1189	Perched	6/20/2023	DRY	
PTX06-1189	Perched	12/11/2023	DRY	
PTX06-1190	Perched	5/2/2023	282.20	3236.39
PTX06-1190	Perched	6/19/2023	282.30	3236.29
PTX06-1190	Perched	10/18/2023	281.70	3236.89
PTX06-1190	Perched	12/11/2023	282.00	3236.59
PTX06-1192	Perched	2/7/2023	280.70	3231.62
PTX06-1192	Perched	6/20/2023	280.80	3231.52
PTX06-1192	Perched	7/19/2023	280.70	3231.62
PTX06-1192	Perched	12/12/2023	280.60	3231.72
PTX06-1193	Perched	6/20/2023	DRY	
PTX06-1193	Perched	12/12/2023	DRY	
PTX06-1194	Perched	3/8/2023	279.30	3235.45
PTX06-1194	Perched	6/20/2023	279.30	3235.45
PTX06-1194	Perched	9/18/2023	279.50	3235.25
PTX06-1194	Perched	12/12/2023	279.60	3235.15
PTX06-1195	Perched	5/3/2023	283.80	3235.08
PTX06-1195	Perched	6/19/2023	283.90	3234.98
PTX06-1195	Perched	8/29/2023	284.00	3234.88
PTX06-1195	Perched	8/29/2023	284.00	3234.88
PTX06-1195	Perched	9/12/2023	283.90	3234.98
PTX06-1195	Perched	10/18/2023	283.50	3235.38
PTX06-1195	Perched	12/11/2023	283.60	3235.28
PTX06-1196	Perched	3/8/2023	281.50	3233.45
PTX06-1196	Perched	6/20/2023	281.30	3233.65
PTX06-1196	Perched	9/18/2023	281.90	3233.05
PTX06-1196	Perched	12/12/2023	281.50	3233.45
PTX06-1197	Perched	2/7/2023	281.60	3231.47
PTX06-1197	Perched	6/21/2023	281.20	3231.87
PTX06-1197	Perched	10/18/2023	281.30	3231.77
PTX06-1197	Perched	12/12/2023	281.40	3231.67
PTX06-1198	Perched	6/19/2023	296.00	3234.65
PTX06-1198	Perched	12/11/2023	295.90	3234.75
PTX06-1199	Perched	2/7/2023	282.70	3231.20
PTX06-1199	Perched	6/20/2023	282.70	3231.20
PTX06-1199	Perched	7/19/2023	282.60	3231.30
PTX06-1199	Perched	12/12/2023	282.50	3231.40
PTX06-1200	Perched	2/20/2023	282.60	3227.64
PTX06-1200	Perched	6/20/2023	283.00	3227.24

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1200	Perched	7/24/2023	282.90	3227.34
PTX06-1200	Perched	12/12/2023	282.90	3227.34
PTX06-1201	Perched	2/20/2023	282.70	3228.32
PTX06-1201	Perched	6/20/2023	283.00	3228.02
PTX06-1201	Perched	7/31/2023	283.00	3228.02
PTX06-1201	Perched	12/12/2023	283.20	3227.82
PTX06-1202	Perched	2/20/2023	283.30	3229.81
PTX06-1202	Perched	6/20/2023	283.70	3229.41
PTX06-1202	Perched	7/19/2023	283.50	3229.61
PTX06-1202	Perched	12/12/2023	283.50	3229.61
PTX06-1203	Perched	2/20/2023	283.10	3228.95
PTX06-1203	Perched	6/20/2023	283.40	3228.65
PTX06-1203	Perched	7/31/2023	283.20	3228.85
PTX06-1203	Perched	12/12/2023	283.40	3228.65
PTX06-1204	Perched	2/8/2023	282.20	3227.72
PTX06-1204	Perched	6/20/2023	282.70	3227.22
PTX06-1204	Perched	7/24/2023	282.40	3227.52
PTX06-1204	Perched	12/12/2023	282.50	3227.42
PTX06-1205	Perched	6/20/2023	DRY	
PTX06-1205	Perched	12/12/2023	DRY	
PTX06-1206	Perched	6/20/2023	279.70	3246.99
PTX06-1206	Perched	12/11/2023	279.60	3247.09
PTX06-1207	Perched	4/19/2023	255.00	3271.19
PTX06-1207	Perched	6/20/2023	255.00	3271.19
PTX06-1207	Perched	11/14/2023	255.00	3271.19
PTX06-1207	Perched	12/11/2023	254.90	3271.29
PTX06-1208	Perched	2/8/2023	283.10	3227.01
PTX06-1208	Perched	6/20/2023	283.50	3226.61
PTX06-1208	Perched	7/24/2023	283.20	3226.91
PTX06-1208	Perched	12/12/2023	283.20	3226.91
PTX06-1209	Perched	4/19/2023	264.50	3272.71
PTX06-1209	Perched	6/20/2023	264.70	3272.51
PTX06-1209	Perched	11/8/2023	264.50	3272.71
PTX06-1209	Perched	12/12/2023	264.70	3272.51
PTX06-1210	Perched	4/19/2023	261.70	3272.61
PTX06-1210	Perched	6/20/2023	261.90	3272.41
PTX06-1210	Perched	11/8/2023	261.90	3272.41
PTX06-1210	Perched	12/12/2023	261.90	3272.41
PTX06-1211	Perched	4/26/2023	266.30	3272.97

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-1211	Perched	6/20/2023	266.30	3272.97
PTX06-1211	Perched	11/1/2023	266.10	3273.17
PTX06-1211	Perched	12/12/2023	266.10	3273.17
PTX06-1212	Perched	6/20/2023	282.80	3249.94
PTX06-1212	Perched	12/11/2023	282.80	3249.94
PTX06-1213	Perched	3/13/2023	278.80	3237.59
PTX06-1213	Perched	6/20/2023	278.80	3237.59
PTX06-1213	Perched	11/28/2023	278.90	3237.49
PTX06-1213	Perched	12/12/2023	279.10	3237.29
PTX06-1214	Perched	3/13/2023	281.50	3235.37
PTX06-1214	Perched	6/20/2023	281.30	3235.57
PTX06-1214	Perched	7/10/2023	281.40	3235.47
PTX06-1214	Perched	12/12/2023	281.50	3235.37
PTX06-1215	Perched	6/20/2023	281.90	3226.77
PTX06-1215	Perched	6/26/2023	281.90	3226.77
PTX06-1215	Perched	10/31/2023	281.80	3226.87
PTX06-1215	Perched	12/12/2023	281.80	3226.87
PTX06-1216	Perched	6/20/2023	281.30	3229.42
PTX06-1216	Perched	6/26/2023	281.30	3229.42
PTX06-1216	Perched	10/31/2023	281.80	3228.92
PTX06-1216	Perched	12/12/2023	282.60	3228.12
PTX06-1218	Perched	6/20/2023	280.60	3231.12
PTX06-1218	Perched	6/26/2023	280.80	3230.92
PTX06-1218	Perched	10/17/2023	281.10	3230.62
PTX06-1218	Perched	12/12/2023	281.10	3230.62
PTX06-1219	Perched	6/21/2023	281.90	3229.90
PTX06-1219	Perched	6/26/2023	282.20	3229.60
PTX06-1219	Perched	10/17/2023	282.30	3229.50
PTX06-1219	Perched	12/12/2023	282.40	3229.40
PTX06-1221	Perched	6/21/2023	282.70	3230.61
PTX06-1221	Perched	11/20/2023	283.20	3230.11
PTX06-1221	Perched	12/12/2023	283.20	3230.11
PTX06-1230	Perched	4/11/2023	269.10	3273.04
PTX06-1230	Perched	6/20/2023	268.70	3273.44
PTX06-1230	Perched	12/6/2023	268.90	3273.24
PTX06-1230	Perched	12/12/2023	269.10	3273.04
PTX06-ISB010	Perched	6/19/2023	283.20	3248.04
PTX06-ISB010	Perched	12/11/2023	282.90	3248.34
PTX06-ISB011	Perched	6/19/2023	282.70	3248.01

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-ISB011	Perched	12/11/2023	282.80	3247.91
PTX06-ISB012	Perched	6/19/2023	282.90	3248.29
PTX06-ISB012	Perched	12/11/2023	282.90	3248.29
PTX06-ISB013	Perched	6/19/2023	284.90	3245.66
PTX06-ISB013	Perched	12/11/2023	285.00	3245.56
PTX06-ISB014	Perched	6/19/2023	282.80	3247.75
PTX06-ISB014	Perched	12/11/2023	282.90	3247.65
PTX06-ISB015	Perched	6/19/2023	285.50	3244.70
PTX06-ISB015	Perched	12/11/2023	285.80	3244.40
PTX06-ISB016	Perched	6/19/2023	281.40	3248.52
PTX06-ISB016	Perched	12/11/2023	281.70	3248.22
PTX06-ISB017	Perched	6/19/2023	282.50	3247.36
PTX06-ISB017	Perched	12/11/2023	DRY	
PTX06-ISB018	Perched	6/19/2023	285.10	3244.39
PTX06-ISB018	Perched	12/11/2023	285.20	3244.29
PTX06-ISB019	Perched	6/19/2023	289.20	3240.47
PTX06-ISB019	Perched	12/11/2023	289.40	3240.27
PTX06-ISB020	Perched	6/19/2023	283.30	3245.25
PTX06-ISB020	Perched	12/11/2023	283.60	3244.95
PTX06-ISB021	Perched	2/13/2023	283.70	3245.56
PTX06-ISB021	Perched	6/19/2023	284.90	3244.36
PTX06-ISB021	Perched	8/8/2023	285.80	3243.46
PTX06-ISB021	Perched	12/11/2023	285.80	3243.46
PTX06-ISB022	Perched	6/19/2023	DRY	
PTX06-ISB022	Perched	12/11/2023	DRY	
PTX06-ISB023A	Perched	6/19/2023	287.20	3242.07
PTX06-ISB023A	Perched	12/11/2023	287.20	3242.07
PTX06-ISB024	Perched	6/19/2023	DRY	
PTX06-ISB024	Perched	12/11/2023	DRY	
PTX06-ISB025	Perched	6/19/2023	285.30	3243.69
PTX06-ISB025	Perched	12/11/2023	285.30	3243.69
PTX06-ISB026	Perched	6/19/2023	283.80	3245.07
PTX06-ISB026	Perched	12/11/2023	283.80	3245.07
PTX06-ISB027	Perched	6/19/2023	DRY	
PTX06-ISB027	Perched	12/11/2023	DRY	
PTX06-ISB028	Perched	6/19/2023	DRY	
PTX06-ISB028	Perched	12/11/2023	DRY	
PTX06-ISB029A	Perched	6/20/2023	284.30	3246.42
PTX06-ISB029A	Perched	12/11/2023	284.40	3246.32

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-ISB030B	Perched	2/15/2023	283.10	3247.68
PTX06-ISB030B	Perched	6/19/2023	282.50	3248.28
PTX06-ISB030B	Perched	8/21/2023	282.20	3248.58
PTX06-ISB030B	Perched	12/11/2023	282.60	3248.18
PTX06-ISB031	Perched	6/20/2023	282.40	3247.34
PTX06-ISB031	Perched	12/11/2023	282.60	3247.14
PTX06-ISB032	Perched	6/20/2023	283.00	3247.28
PTX06-ISB032	Perched	12/11/2023	283.50	3246.78
PTX06-ISB033	Perched	6/20/2023	DRY	
PTX06-ISB033	Perched	12/11/2023	DRY	
PTX06-ISB034	Perched	6/20/2023	DRY	
PTX06-ISB034	Perched	12/11/2023	DRY	
PTX06-ISB035	Perched	6/20/2023	285.60	3243.59
PTX06-ISB035	Perched	12/11/2023	284.70	3244.49
PTX06-ISB036	Perched	6/20/2023	DRY	
PTX06-ISB036	Perched	12/11/2023	284.90	3243.79
PTX06-ISB037	Perched	6/20/2023	280.30	3248.35
PTX06-ISB037	Perched	12/11/2023	280.90	3247.75
PTX06-ISB038	Perched	2/15/2023	280.15	3248.68
PTX06-ISB038	Perched	6/20/2023	280.70	3248.13
PTX06-ISB038	Perched	8/8/2023	280.30	3248.53
PTX06-ISB038	Perched	12/11/2023	280.80	3248.03
PTX06-ISB039	Perched	6/20/2023	280.20	3248.69
PTX06-ISB039	Perched	12/11/2023	280.40	3248.49
PTX06-ISB040	Perched	6/20/2023	279.20	3249.39
PTX06-ISB040	Perched	12/11/2023	279.70	3248.89
PTX06-ISB041	Perched	6/20/2023	279.30	3249.36
PTX06-ISB041	Perched	12/11/2023	279.80	3248.86
PTX06-ISB042	Perched	2/13/2023	278.80	3250.01
PTX06-ISB042	Perched	6/20/2023	284.40	3244.41
PTX06-ISB042	Perched	8/21/2023	285.50	3243.31
PTX06-ISB042	Perched	12/11/2023	284.50	3244.31
PTX06-ISB043	Perched	6/20/2023	285.10	3243.63
PTX06-ISB043	Perched	12/11/2023	285.20	3243.53
PTX06-ISB044A	Perched	6/20/2023	281.10	3248.09
PTX06-ISB044A	Perched	12/11/2023	281.10	3248.09
PTX06-ISB045	Perched	6/19/2023	280.60	3247.82
PTX06-ISB045	Perched	12/11/2023	276.30	3252.12
PTX06-ISB046	Perched	2/21/2023	279.00	3249.48

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-ISB046	Perched	6/20/2023	279.30	3249.18
PTX06-ISB046	Perched	8/9/2023	279.00	3249.48
PTX06-ISB046	Perched	12/11/2023	279.40	3249.08
PTX06-ISB047	Perched	6/20/2023	279.60	3248.80
PTX06-ISB047	Perched	12/11/2023	279.50	3248.90
PTX06-ISB048	Perched	2/21/2023	284.40	3244.13
PTX06-ISB048	Perched	6/20/2023	284.20	3244.33
PTX06-ISB048	Perched	8/9/2023	284.20	3244.33
PTX06-ISB048	Perched	12/11/2023	284.40	3244.13
PTX06-ISB049	Perched	6/19/2023	286.60	3242.05
PTX06-ISB049	Perched	12/11/2023	286.70	3241.95
PTX06-ISB050	Perched	6/20/2023	288.10	3240.28
PTX06-ISB050	Perched	12/11/2023	288.10	3240.28
PTX06-ISB051	Perched	6/19/2023	DRY	
PTX06-ISB051	Perched	12/11/2023	DRY	
PTX06-ISB055	Perched	4/12/2023	261.30	3272.72
PTX06-ISB055	Perched	6/20/2023	257.22	3276.80
PTX06-ISB055	Perched	11/27/2023	259.60	3274.42
PTX06-ISB055	Perched	12/12/2023	261.10	3272.92
PTX06-ISB059	Perched	4/12/2023	261.50	3272.17
PTX06-ISB059	Perched	6/20/2023	261.60	3272.07
PTX06-ISB059	Perched	11/27/2023	261.10	3272.57
PTX06-ISB059	Perched	12/12/2023	261.90	3271.77
PTX06-ISB064	Perched	4/11/2023	262.80	3272.91
PTX06-ISB064	Perched	6/20/2023	262.90	3272.81
PTX06-ISB064	Perched	11/27/2023	262.70	3273.01
PTX06-ISB064	Perched	12/12/2023	263.10	3272.61
PTX06-ISB137	Perched	4/11/2023	273.80	3273.52
PTX06-ISB137	Perched	6/20/2023	272.63	3274.69
PTX06-ISB137	Perched	11/28/2023	273.30	3274.02
PTX06-ISB137	Perched	12/12/2023	273.20	3274.12
PTX06-ISB302	Perched	4/17/2023	277.70	3238.61
PTX06-ISB302	Perched	6/20/2023	279.90	3236.41
PTX06-ISB302	Perched	7/31/2023	277.80	3238.51
PTX06-ISB302	Perched	12/4/2023	278.00	3238.31
PTX06-ISB302	Perched	12/12/2023	278.80	3237.51
PTX06-ISB305	Perched	6/20/2023	279.90	3236.85
PTX06-ISB305	Perched	12/12/2023	280.10	3236.65
PTX06-ISB312	Perched	4/17/2023	280.70	3236.11

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX06-ISB312	Perched	6/20/2023	280.70	3236.11
PTX06-ISB312	Perched	7/31/2023	280.60	3236.21
PTX06-ISB312	Perched	10/30/2023	280.10	3236.71
PTX06-ISB312	Perched	12/12/2023	280.60	3236.21
PTX06-ISB324	Perched	6/20/2023	282.40	3234.88
PTX06-ISB324	Perched	12/12/2023	282.70	3234.58
PTX06-ISB325	Perched	4/18/2023	282.75	3234.45
PTX06-ISB325	Perched	6/20/2023	282.90	3234.30
PTX06-ISB325	Perched	7/31/2023	283.00	3234.20
PTX06-ISB325	Perched	12/4/2023	282.00	3235.20
PTX06-ISB325	Perched	12/12/2023	282.90	3234.30
PTX06-ISB328	Perched	6/20/2023	282.70	3234.87
PTX06-ISB328	Perched	12/12/2023	282.80	3234.77
PTX06-ISB331	Perched	4/18/2023	282.70	3235.47
PTX06-ISB331	Perched	6/20/2023	282.95	3235.22
PTX06-ISB331	Perched	7/31/2023	282.90	3235.27
PTX06-ISB331	Perched	12/4/2023	282.90	3235.27
PTX06-ISB331	Perched	12/12/2023	283.10	3235.07
PTX06-MEW402	Perched	6/28/2023	0.00	3514.99
PTX06-MEW402	Perched	11/6/2023	0.00	3514.99
PTX06-MEW405	Perched	6/28/2023	0.00	3514.47
PTX06-MEW405	Perched	11/6/2023	0.00	3514.47
PTX06-PRB09	Perched	6/19/2023	DRY	
PTX06-PRB09	Perched	12/11/2023	DRY	
PTX06-PZ01	Perched	6/19/2023	258.60	3283.43
PTX06-PZ01	Perched	12/11/2023	258.30	3283.73
PTX06-PZ02	Perched	6/19/2023	258.50	3283.69
PTX06-PZ02	Perched	12/11/2023	258.10	3284.09
PTX06-PZ03	Perched	6/19/2023	257.40	3284.90
PTX06-PZ03	Perched	12/11/2023	257.30	3285.00
PTX06-PZ05	Perched	6/20/2023	267.70	3273.97
PTX06-PZ05	Perched	12/11/2023	267.30	3274.37
PTX06-PZ06	Perched	6/20/2023	279.50	3257.52
PTX06-PZ06	Perched	12/12/2023	279.70	3257.32
PTX07-1O01	Perched	6/19/2023	254.20	3298.25
PTX07-1O01	Perched	12/11/2023	254.00	3298.45
PTX07-1O02	Perched	6/19/2023	251.10	3300.23
PTX07-1O02	Perched	11/7/2023	251.20	3300.13
PTX07-1O02	Perched	12/11/2023	251.10	3300.23

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX07-1O03	Perched	6/19/2023	249.80	3300.71
PTX07-1O03	Perched	7/31/2023	249.90	3300.61
PTX07-1O03	Perched	12/11/2023	249.30	3301.21
PTX07-1O04	Perched	6/19/2023	254.70	3297.81
PTX07-1O04	Perched	12/11/2023	254.70	3297.81
PTX07-1O05	Perched	6/19/2023	255.20	3297.10
PTX07-1O05	Perched	12/11/2023	255.20	3297.10
PTX07-1P01	Perched	6/19/2023	246.40	3297.45
PTX07-1P01	Perched	12/11/2023	246.10	3297.75
PTX07-1P02	Perched	6/19/2023	235.00	3299.89
PTX07-1P02	Perched	11/6/2023	233.40	3301.49
PTX07-1P02	Perched	11/6/2023	233.40	3301.49
PTX07-1P02	Perched	12/11/2023	233.20	3301.69
PTX07-1P03	Perched	6/19/2023	252.00	3294.80
PTX07-1P03	Perched	12/11/2023	251.80	3295.00
PTX07-1P04	Perched	6/19/2023	DRY	
PTX07-1P04	Perched	12/11/2023	DRY	
PTX07-1P05	Perched	6/19/2023	247.10	3298.22
PTX07-1P05	Perched	12/11/2023	246.60	3298.72
PTX07-1P06	Perched	6/19/2023	252.40	3293.10
PTX07-1P06	Perched	12/11/2023	252.20	3293.30
PTX07-1Q01	Perched	6/20/2023	276.10	3271.45
PTX07-1Q01	Perched	12/12/2023	276.20	3271.35
PTX07-1Q02	Perched	6/20/2023	280.60	3271.47
PTX07-1Q02	Perched	12/12/2023	280.70	3271.37
PTX07-1R03	Perched	6/19/2023	254.70	3318.80
PTX07-1R03	Perched	12/12/2023	255.00	3318.50
PTX08-1001	Perched	5/8/2023	218.10	3300.76
PTX08-1001	Perched	6/19/2023	217.70	3301.16
PTX08-1001	Perched	12/11/2023	214.70	3304.16
PTX08-1002	Perched	6/19/2023	217.50	3299.51
PTX08-1002	Perched	11/6/2023	219.20	3297.81
PTX08-1002	Perched	11/6/2023	219.20	3297.81
PTX08-1002	Perched	12/11/2023	217.00	3300.01
PTX08-1003	Perched	3/1/2023	276.20	3277.29
PTX08-1003	Perched	6/19/2023	276.20	3277.29
PTX08-1003	Perched	12/11/2023	276.00	3277.49
PTX08-1005	Perched	3/6/2023	273.50	3273.23
PTX08-1005	Perched	6/19/2023	273.40	3273.33

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl
PTX08-1005	Perched	12/12/2023	273.20	3273.53
PTX08-1006	Perched	3/6/2023	272.40	3273.36
PTX08-1006	Perched	6/19/2023	272.30	3273.46
PTX08-1006	Perched	9/25/2023	272.40	3273.36
PTX08-1006	Perched	12/11/2023	272.20	3273.56
PTX08-1007	Perched	6/19/2023	271.20	3277.61
PTX08-1007	Perched	8/8/2023	271.20	3277.61
PTX08-1007	Perched	12/11/2023	271.10	3277.71
PTX08-1008	Perched	5/8/2023	268.90	3269.57
PTX08-1008	Perched	6/20/2023	268.90	3269.57
PTX08-1008	Perched	11/1/2023	269.00	3269.47
PTX08-1008	Perched	12/12/2023	269.10	3269.37
PTX08-1009	Perched	2/22/2023	274.30	3264.90
PTX08-1009	Perched	6/20/2023	274.90	3264.30
PTX08-1009	Perched	12/12/2023	275.50	3263.70
PTX08-1010	Perched	6/19/2023	216.50	3308.22
PTX08-1010	Perched	12/11/2023	216.50	3308.22
PTX10-1008	Perched	6/19/2023	266.20	3277.88
PTX10-1008	Perched	12/11/2023	265.90	3278.18
PTX10-1014	Perched	6/19/2023	256.60	3287.59
PTX10-1014	Perched	8/8/2023	256.60	3287.59
PTX10-1014	Perched	12/11/2023	256.50	3287.69

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

Appendix D

Data Evaluation Table and Electronic Data

Table D-1. Perched Monitoring Well Data Exceeding GWPS

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
1114-MW4		8/8/2023	Perchlorate	41.8	20			0.4	15
1114-MW4		8/8/2023	Trichloroethene	19.3	1			0.4	5
OW-WR-38		5/9/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	32.4	6.46	*	J	0.17	2
PTX06-1002A		2/22/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	29.9	0.647		J	0.15	2
PTX06-1002A		2/22/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.3	0.259			0.15	2
PTX06-1005		2/22/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.55	0.253		J	2.41	2
PTX06-1005		2/22/2023	1,3,5-Trinitrobenzene	315	25.3			2.41	220
PTX06-1005		8/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.16	6.49			0.75	2
PTX06-1005		8/7/2023	1,3,5-Trinitrobenzene	288	6.49			0.75	220
PTX06-1005		8/7/2023	Trichloroethene	5.49	1			0.75	5
PTX06-1006		11/8/2023	4-Amino-2,6-Dinitrotoluene	1.75	0.26			0.68	1.2
PTX06-1006		11/8/2023	Perchlorate	116	20			0.68	15
PTX06-1007		11/7/2023	4-Amino-2,6-Dinitrotoluene	5.76	0.258		J-	1.14	1.2
PTX06-1007		11/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.73	0.258			1.14	2
PTX06-1007		11/7/2023	Perchlorate	57.2	20			1.14	15
PTX06-1007		11/7/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0502	0.0183			1.14	0.009
PTX06-1008		5/9/2023	1,2-Dichloroethane	77.9	1			8.25	5
PTX06-1010		5/17/2023	Chromium, Total	230	10			1.38	100
PTX06-1010		5/17/2023	Chromium, Hexavalent	171.6	20	I	J	1.38	100
PTX06-1011		5/17/2023	Trichloroethene	9.56	1			0.28	5
PTX06-1012		5/30/2023	1,4-Dioxane	35.6	1			0.89	7.7
PTX06-1012		5/30/2023	Vinyl Chloride	10.9	1			0.89	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1012		11/1/2023	1,4-Dioxane	39.2	1			0.98	7.7
PTX06-1012		11/1/2023	1,4-Dioxane	39.6	1				7.7
PTX06-1012		11/1/2023	Vinyl Chloride	13.6	1			0.98	2
PTX06-1012		11/1/2023	Vinyl Chloride	13.5	1				2
PTX06-1013		2/13/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.98	0.258	*	J-	0.2	2
PTX06-1014		7/18/2023	2-Amino-4,6-Dinitrotoluene	1.21	0.259			0	1.2
PTX06-1014		7/18/2023	4-Amino-2,6-Dinitrotoluene	1.92	0.259			0	1.2
PTX06-1014		7/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	522	13	*		0	2
PTX06-1014		7/18/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	23.2	1.3			0	2
PTX06-1031		5/3/2023	4-Amino-2,6-Dinitrotoluene	1.92	0.256			1.07	1.2
PTX06-1031		5/3/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	523	25.3	h	J	1.07	2
PTX06-1031		5/3/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	36.9	6.39			1.07	2
PTX06-1031		5/3/2023	Chromium, Total	194	10			1.07	100
PTX06-1031		5/3/2023	Chromium, Hexavalent	226.514	20	I		1.07	100
PTX06-1034		2/8/2023	4-Amino-2,6-Dinitrotoluene	4.76	0.255			0.33	1.2
PTX06-1034		2/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	953	25.5			0.33	2
PTX06-1034		2/8/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	38.8	1.28			0.33	2
PTX06-1034		8/7/2023	4-Amino-2,6-Dinitrotoluene	7.1	0.259	*	J-	0	1.2
PTX06-1034		8/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	837	130	*		0	2
PTX06-1034		8/7/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	39.4	2.59	*		0	2
PTX06-1035		2/21/2023	Perchlorate	258	100		J	0.24	15
PTX06-1035		2/21/2023	Trichloroethene	29.8	1			0.24	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1035		9/27/2023	Perchlorate	300	100	H	J	0.18	15
PTX06-1035		9/27/2023	Trichloroethene	44.7	1			0.18	5
PTX06-1037		2/22/2023	Arsenic	25.7	5			2.36	12
PTX06-1037		2/22/2023	Barium	3440	30	D ^ *		2.36	2000
PTX06-1037		2/22/2023	Manganese	1730	3.5	*	J	2.36	1715.5
PTX06-1037		9/12/2023	Arsenic	29.6	2.5			1.43	12
PTX06-1037		9/12/2023	Barium	3220	1.5	*		1.43	2000
PTX06-1037		9/12/2023	Manganese	2190	1.5	*		1.43	1715.5
PTX06-1038		4/18/2023	2-Amino-4,6-Dinitrotoluene	1.91	0.26	h	J	0.16	1.2
PTX06-1038		4/18/2023	4-Amino-2,6-Dinitrotoluene	3.78	0.26	h	J	0.16	1.2
PTX06-1038		4/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	89.6	2.6	h	J	0.16	2
PTX06-1038		4/18/2023	TNT (2,4,6-Trinitrotoluene)	5.18	0.26	h	J	0.16	3.6
PTX06-1038		4/18/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.3	0.26	h	J	0.16	2
PTX06-1039A		10/31/2023	2,4-Dinitrotoluene	1.53	0.259			1.17	1
PTX06-1039A		10/31/2023	2-Amino-4,6-Dinitrotoluene	2.64	0.259			1.17	1.2
PTX06-1039A		10/31/2023	4-Amino-2,6-Dinitrotoluene	24.4	0.647			1.17	1.2
PTX06-1039A		10/31/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	9.43	0.259			1.17	2
PTX06-1039A		10/31/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.84	0.259			1.17	2
PTX06-1039A		10/31/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	639	25.9			1.17	2
PTX06-1039A		10/31/2023	TNT (2,4,6-Trinitrotoluene)	32.2	0.647		J	1.17	3.6
PTX06-1039A		10/31/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	43.9	12.9		J-	1.17	2
PTX06-1041		6/14/2023	2,6-Dinitrotoluene	1.22	0.255			0.6	1
PTX06-1041		6/14/2023	2-Amino-4,6-Dinitrotoluene	2.75	0.255			0.6	1.2
PTX06-1041		6/14/2023	4-Amino-2,6-Dinitrotoluene	10	0.255	*	J-	0.6	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1041		6/14/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	788	25.5	*	J	0.6	2
PTX06-1041		6/14/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	16.2	0.255			0.6	2
PTX06-1041		10/30/2023	2-Amino-4,6-Dinitrotoluene	2.5	0.259			0.05	1.2
PTX06-1041		10/30/2023	4-Amino-2,6-Dinitrotoluene	11	0.259			0.05	1.2
PTX06-1041		10/30/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	924	13			0.05	2
PTX06-1041		10/30/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	18.5	6.48			0.05	2
PTX06-1046	Compliance	5/3/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	53.3	2.56	h	J	0.25	2
PTX06-1046	Compliance	10/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	62.2	6.46	*		0.17	2
PTX06-1047A		5/2/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.33	0.257	h	J	0.24	2
PTX06-1047A		10/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	7.89	0.258			0.01	2
PTX06-1049		7/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13	0.261			0.65	2
PTX06-1050	Compliance	2/13/2023	2-Amino-4,6-Dinitrotoluene	3.51	0.255			0.26	1.2
PTX06-1050	Compliance	2/13/2023	4-Amino-2,6-Dinitrotoluene	1.98	0.255			0.26	1.2
PTX06-1050	Compliance	2/13/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	419	12.8		J-	0.26	2
PTX06-1050	Compliance	2/13/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.9	0.255			0.26	2
PTX06-1052	Compliance	3/1/2023	4-Amino-2,6-Dinitrotoluene	2.57	0.264			0.31	1.2
PTX06-1052	Compliance	3/1/2023	Perchlorate	919	500		J	0.31	15
PTX06-1052	Compliance	3/1/2023	Trichloroethene	6.22	1			0.31	5
PTX06-1052	Compliance	8/2/2023	4-Amino-2,6-Dinitrotoluene	3.21	0.261			0.5	1.2
PTX06-1052	Compliance	8/2/2023	Perchlorate	776	1000	J	J-	0.5	15
PTX06-1052	Compliance	8/2/2023	Trichloroethene	6.99	1			0.5	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1053		2/15/2023	4-Amino-2,6-Dinitrotoluene	1.32	0.261		J+	0.15	1.2
PTX06-1053		2/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.41	0.261		J	0.15	2
PTX06-1053		2/15/2023	Perchlorate	16.5	5		J	0.15	15
PTX06-1088		6/14/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.2	0.261		J	1.65	2
PTX06-1088		6/14/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.8	0.264		J		2
PTX06-1088		6/14/2023	Chromium, Total	431	10			1.65	100
PTX06-1088		6/14/2023	Chromium, Total	437	10				100
PTX06-1088		6/14/2023	Chromium, Hexavalent	406.807	20	I		1.65	100
PTX06-1088		6/14/2023	Chromium, Hexavalent	389.03	20	I			100
PTX06-1088		6/14/2023	Trichloroethene	5.85	1			1.65	5
PTX06-1088		6/14/2023	Trichloroethene	5.05	1				5
PTX06-1088		11/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	11	0.26			1.17	2
PTX06-1088		11/8/2023	Chromium, Total	258	10			1.17	100
PTX06-1088		11/8/2023	Chromium, Hexavalent	263.501	2	I		1.17	100
PTX06-1095A		5/8/2023	2,4-Dinitrotoluene	1.52	0.256		J-	0.38	1
PTX06-1095A		5/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.92	0.256			0.38	2
PTX06-1095A		5/8/2023	Trichloroethene	5.83	1			0.38	5
PTX06-1095A		10/23/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.66	0.254			0.12	2
PTX06-1098		3/6/2023	Arsenic	22.6	5			0.62	12
PTX06-1100		3/7/2023	Arsenic	15.9	5			3.03	12
PTX06-1101		3/7/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.72	0.102	*		6.07	2
PTX06-1101		3/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	68.9	5.12	D *		6.07	2
PTX06-1120		10/25/2023	2-Amino-4,6-Dinitrotoluene	1.3	0.258			1.46	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1120		10/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	254	6.46			1.46	2
PTX06-1120		10/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	18.6	0.258			1.46	2
PTX06-1126		4/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.52	0.255		J	0.8	2
PTX06-1126		4/26/2023	Trichloroethene	21.3	1		J-	0.8	5
PTX06-1126		11/1/2023	Trichloroethene	16.3	1			0.49	5
PTX06-1127		4/26/2023	4-Amino-2,6-Dinitrotoluene	13.1	0.258			4.68	1.2
PTX06-1127		4/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	136	2.58	*	J	4.68	2
PTX06-1127		4/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.6	0.258			4.68	2
PTX06-1127		4/26/2023	Perchlorate	102	20		J	4.68	15
PTX06-1127		4/26/2023	1,4-Dioxane	15.7	5			4.68	7.7
PTX06-1127		4/26/2023	Trichloroethene	107	2		J-	4.68	5
PTX06-1127		11/7/2023	4-Amino-2,6-Dinitrotoluene	13	0.257	*	J-	9.8	1.2
PTX06-1127		11/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	135	6.42	*		9.8	2
PTX06-1127		11/7/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.5	0.257			9.8	2
PTX06-1127		11/7/2023	Chromium, Total	111	10			9.8	100
PTX06-1127		11/7/2023	Perchlorate	110	20			9.8	15
PTX06-1127		11/7/2023	Perfluorooctanoic Acid (Pfoa)	0.0104	0.00203			9.8	0.004
PTX06-1127		11/7/2023	1,4-Dioxane	13.5	5			9.8	7.7
PTX06-1127		11/7/2023	Trichloroethene	167	2			9.8	5
PTX06-1134		4/19/2023	Perchlorate	369	100		J	45.7	15
PTX06-1134		4/19/2023	Trichloroethene	27.1	1			45.7	5
PTX06-1134		11/14/2023	Perchlorate	495	100			93.3	15
PTX06-1134		11/14/2023	Trichloroethene	42.7	1			93.3	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1146	Compliance	2/15/2023	4-Amino-2,6-Dinitrotoluene	15.6	0.26	*	J+	0.25	1.2
PTX06-1146	Compliance	2/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1880	65.1	*	J	0.25	2
PTX06-1146	Compliance	2/15/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	45.5	13	*	J	0.25	2
PTX06-1146	Compliance	8/7/2023	4-Amino-2,6-Dinitrotoluene	22.2	2.55		J-	0.18	1.2
PTX06-1146	Compliance	8/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1700	128			0.18	2
PTX06-1146	Compliance	8/7/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	31.4	2.55			0.18	2
PTX06-1147		5/3/2023	4-Amino-2,6-Dinitrotoluene	1.84	0.259			2.69	1.2
PTX06-1147		5/3/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	379	12.5	h	J	2.69	2
PTX06-1147		5/3/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	20.3	6.48			2.69	2
PTX06-1147		10/30/2023	2-Amino-4,6-Dinitrotoluene	3.19	0.257			1.08	1.2
PTX06-1147		10/30/2023	4-Amino-2,6-Dinitrotoluene	3.03	0.257			1.08	1.2
PTX06-1147		10/30/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	503	6.41	*		1.08	2
PTX06-1147		10/30/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	19.1	6.41			1.08	2
PTX06-1148		6/13/2023	4-Amino-2,6-Dinitrotoluene	1.24	0.102	*	J-	0.85	1.2
PTX06-1148		6/13/2023	Perchlorate	80.2	10	D		0.85	15
PTX06-1148		6/13/2023	1,4-Dioxane	33.7	1			0.85	7.7
PTX06-1148		6/13/2023	Trichloroethene	43	5	D		0.85	5
PTX06-1148		11/7/2023	Perchlorate	24	5	D *		1.16	15
PTX06-1148		11/7/2023	1,2-Dichloroethane	5.17	2.5	* F	J	1.16	5
PTX06-1148		11/7/2023	1,4-Dioxane	39.2	1			1.16	7.7
PTX06-1148		11/7/2023	Trichloroethene	95.8	2.5	* F	J	1.16	5
PTX06-1149		6/13/2023	Perchlorate	69.6	10	D		1.87	15
PTX06-1149		6/13/2023	1,4-Dioxane	45.6	1			1.87	7.7

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1149		6/13/2023	Tetrachloroethene	5.06	2.5			1.87	5
PTX06-1149		6/13/2023	Trichloroethene	211	10	D		1.87	5
PTX06-1149		11/7/2023	Perchlorate	88.6	10	D *		1.35	15
PTX06-1149		11/7/2023	1,4-Dioxane	50.3	1			1.35	7.7
PTX06-1149		11/7/2023	Tetrachloroethene	5.96	10	J D *	J	1.35	5
PTX06-1149		11/7/2023	Trichloroethene	255	10	D *	J	1.35	5
PTX06-1150	Compliance	6/13/2023	1,4-Dioxane	14.3	1			10.77	7.7
PTX06-1150	Compliance	6/13/2023	Trichloroethene	70.2	2.5			10.77	5
PTX06-1150	Compliance	11/7/2023	1,4-Dioxane	21.2	1			0.23	7.7
PTX06-1150	Compliance	11/7/2023	Trichloroethene	98	2.5	*	J	0.23	5
PTX06-1151		3/6/2023	Perchlorate	20.2	10		J-	1.17	15
PTX06-1151		3/6/2023	1,4-Dioxane	25.5	5			1.17	7.7
PTX06-1151		3/6/2023	Trichloroethene	214	4		J-	1.17	5
PTX06-1151		9/19/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.88	0.263			0.66	2
PTX06-1151		9/19/2023	Perchlorate	17.2	5	H	J	0.66	15
PTX06-1151		9/19/2023	1,4-Dioxane	19.7	5		J+	0.66	7.7
PTX06-1151		9/19/2023	Trichloroethene	220	5		J+	0.66	5
PTX06-1153		2/28/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	190	5.1	D *	J	1.65	2
PTX06-1153		2/28/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.28	5.1	D *	J	1.65	2
PTX06-1153		9/12/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	150	5.15	D *		0.48	2
PTX06-1153		9/12/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	134	5.08	D *			2
PTX06-1153		9/12/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.85	0.103	*		0.48	2
PTX06-1153		9/12/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.17	0.102	*			2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1154	Compliance	2/22/2023	Arsenic	60.3	5			1.97	12
PTX06-1154	Compliance	2/22/2023	Arsenic	58.7	5				12
PTX06-1154	Compliance	2/22/2023	Barium	9870	150	D * ^		1.97	2000
PTX06-1154	Compliance	2/22/2023	Barium	9830	150	D ^ *			2000
PTX06-1154	Compliance	2/22/2023	Manganese	2670	3.5	*	J	1.97	1715.5
PTX06-1154	Compliance	2/22/2023	Manganese	2750	3.5	*	J		1715.5
PTX06-1154	Compliance	11/7/2023	Arsenic	88.8	2.5			4.34	12
PTX06-1154	Compliance	11/7/2023	Barium	12500	75	D * ^		4.34	2000
PTX06-1155	Compliance	5/30/2023	Arsenic	22.5	2.5			3.15	12
PTX06-1155	Compliance	5/30/2023	Arsenic	22.6	2.5				12
PTX06-1155	Compliance	5/30/2023	1,4-Dioxane	48.2	1			3.15	7.7
PTX06-1155	Compliance	5/30/2023	1,4-Dioxane	45	1				7.7
PTX06-1155	Compliance	5/30/2023	Trichloroethene	6.73	2.5			3.15	5
PTX06-1155	Compliance	5/30/2023	Trichloroethene	6.4	2.5				5
PTX06-1155	Compliance	5/30/2023	Vinyl Chloride	47.8	1			3.15	2
PTX06-1155	Compliance	5/30/2023	Vinyl Chloride	46	1				2
PTX06-1155	Compliance	11/1/2023	Arsenic	19.3	5			1.25	12
PTX06-1155	Compliance	11/1/2023	1,4-Dioxane	46.1	1			1.25	7.7
PTX06-1155	Compliance	11/1/2023	Vinyl Chloride	20.2	1			1.25	2
PTX06-1156	Compliance	5/30/2023	Arsenic	46.7	2.5			3.35	12
PTX06-1156	Compliance	5/30/2023	Barium	2800	2.5	^ *	J	3.35	2000
PTX06-1156	Compliance	5/30/2023	1,4-Dioxane	41.9	1			3.35	7.7
PTX06-1156	Compliance	11/1/2023	Arsenic	70.8	5			2.78	12
PTX06-1156	Compliance	11/1/2023	Barium	4590	30	^ * D		2.78	2000
PTX06-1156	Compliance	11/1/2023	1,4-Dioxane	51.2	1			2.78	7.7
PTX06-1159		2/21/2023	4-Amino-2,6-Dinitrotoluene	1.24	0.257			0.29	1.2
PTX06-1159		2/21/2023	Perchlorate	67.6	10		J	0.29	15

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1159		2/21/2023	1,4-Dioxane	8.12	1	*	J	0.29	7.7
PTX06-1159		2/21/2023	Trichloroethene	70.1	1			0.29	5
PTX06-1159		9/27/2023	4-Amino-2,6-Dinitrotoluene	1.22	0.255			0.02	1.2
PTX06-1159		9/27/2023	Perchlorate	27.2	10	H	J	0.02	15
PTX06-1159		9/27/2023	cis-1,2-Dichloroethene	96	1			0.02	70
PTX06-1159		9/27/2023	1,4-Dioxane	16.1	5			0.02	7.7
PTX06-1159		9/27/2023	Trichloroethene	55.8	1			0.02	5
PTX06-1164		5/10/2023	Arsenic	959	5	*	J	9	12
PTX06-1164		5/10/2023	1,4-Dioxane	11.4	1			9	7.7
PTX06-1164		5/10/2023	Trichloroethene	38.4	2.5			9	5
PTX06-1164		5/10/2023	Vinyl Chloride	6.35	1			9	2
PTX06-1164		11/13/2023	Arsenic	13.6	5			5.08	12
PTX06-1164		11/13/2023	1,4-Dioxane	11.2	1			5.08	7.7
PTX06-1164		11/13/2023	Trichloroethene	8.62	2.5	*	J-	5.08	5
PTX06-1164		11/13/2023	Vinyl Chloride	7.71	1			5.08	2
PTX06-1166	Compliance	2/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13	0.259		J	0.22	2
PTX06-1166	Compliance	8/2/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.8	0.264			0.99	2
PTX06-1169		5/10/2023	Arsenic	69.3	5	*	J	2.58	12
PTX06-1169		5/10/2023	cis-1,2-Dichloroethene	199	10	D		2.58	70
PTX06-1169		5/10/2023	1,4-Dioxane	20.4	1			2.58	7.7
PTX06-1169		5/10/2023	Trichloroethene	31.5	5	D		2.58	5
PTX06-1169		5/10/2023	Vinyl Chloride	4.27	2	D		2.58	2
PTX06-1169		11/14/2023	Arsenic	66.4	5			3.38	12
PTX06-1169		11/14/2023	1,2-Dichloroethane	5.97	10	J F D	J	3.38	5
PTX06-1169		11/14/2023	cis-1,2-Dichloroethene	244	20	* D	J+	3.38	70
PTX06-1169		11/14/2023	1,4-Dioxane	20	1			3.38	7.7

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1169		11/14/2023	Trichloroethene	12.4	10	F * D	J	3.38	5
PTX06-1169		11/14/2023	Vinyl Chloride	6.21	4	F D	J	3.38	2
PTX06-1170		5/10/2023	Arsenic	96.1	5	*	J	3.63	12
PTX06-1170		5/10/2023	Manganese	3880	3.5	*		3.63	1715.5
PTX06-1170		5/10/2023	1,4-Dioxane	19.4	1			3.63	7.7
PTX06-1170		5/10/2023	Vinyl Chloride	2.63	2	D		3.63	2
PTX06-1170		11/14/2023	Arsenic	135	5			1.69	12
PTX06-1170		11/14/2023	Manganese	3010	3.5	*		1.69	1715.5
PTX06-1170		11/14/2023	1,4-Dioxane	21.9	1			1.69	7.7
PTX06-1170		11/14/2023	Vinyl Chloride	3.39	1		J	1.69	2
PTX06-1171		9/19/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19.8	0.26	*		1.31	2
PTX06-1171		9/19/2023	Perchlorate	38.7	10	H	J	1.31	15
PTX06-1171		9/19/2023	1,2-Dichloroethane	5.1	1			1.31	5
PTX06-1171		9/19/2023	1,4-Dioxane	11.3	5	*	J+	1.31	7.7
PTX06-1171		9/19/2023	Trichloroethene	258	5			1.31	5
PTX06-1173		6/14/2023	Arsenic	60.1	2.5			6.34	12
PTX06-1173		6/14/2023	1,4-Dioxane	19.8	1			6.34	7.7
PTX06-1173		6/14/2023	Vinyl Chloride	2.65	1			6.34	2
PTX06-1173		10/31/2023	Arsenic	69.7	2.5			4.97	12
PTX06-1173		10/31/2023	Manganese	1880	2.5	* B		4.97	1715.5
PTX06-1173		10/31/2023	1,4-Dioxane	22.2	1			4.97	7.7
PTX06-1173		10/31/2023	Vinyl Chloride	2.19	1			4.97	2
PTX06-1174		6/14/2023	Arsenic	97	2.5			34	12
PTX06-1174		6/14/2023	Barium	2430	2.5	^ *	J	34	2000
PTX06-1174		10/31/2023	Arsenic	101	2.5			18.5	12
PTX06-1174		10/31/2023	Arsenic	102	2.5	*	J-		12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1174		10/31/2023	Barium	2240	2.5	^ *		18.5	2000
PTX06-1174		10/31/2023	Barium	2510	2.5	* ^			2000
PTX06-1175	Compliance	6/14/2023	Vinyl Chloride	16.3	1			14.1	2
PTX06-1175	Compliance	11/1/2023	Vinyl Chloride	17.4	1			4.21	2
PTX06-1176		4/19/2023	Arsenic	106	5			5.41	12
PTX06-1176		4/19/2023	Barium	7090	30	^ D		5.41	2000
PTX06-1176		4/19/2023	1,4-Dioxane	10.9	1	B * F	J	5.41	7.7
PTX06-1176		11/13/2023	Arsenic	115	5			0.9	12
PTX06-1176		11/13/2023	Barium	11400	150	D * ^		0.9	2000
PTX06-1177		4/19/2023	Arsenic	142	5			2.96	12
PTX06-1177		4/19/2023	Barium	5920	30	^ D		2.96	2000
PTX06-1177		4/19/2023	1,4-Dioxane	8.17	1	B *	J	2.96	7.7
PTX06-1177		4/19/2023	Vinyl Chloride	7.56	1			2.96	2
PTX06-1177		11/13/2023	Arsenic	114	5			2.58	12
PTX06-1177		11/13/2023	Barium	5430	30	D * ^		2.58	2000
PTX06-1177		11/13/2023	1,4-Dioxane	8.05	1			2.58	7.7
PTX06-1177		11/13/2023	Vinyl Chloride	9.29	1			2.58	2
PTX06-1180		3/7/2023	Trichloroethene	144	2		J-	1.16	5
PTX06-1180		3/7/2023	Trichloroethene	147	2		J-		5
PTX06-1180		9/19/2023	Trichloroethene	103	2			1.57	5
PTX06-1183		4/19/2023	Chromium, Total	211	10			0.24	100
PTX06-1183		4/19/2023	Chromium, Hexavalent	182.409	2	I		0.24	100
PTX06-1183		4/19/2023	Perchlorate	653	100		J	0.24	15
PTX06-1183		4/19/2023	Trichloroethene	6.19	1			0.24	5
PTX06-1183		11/14/2023	Chromium, Total	159	10			0.11	100
PTX06-1183		11/14/2023	Chromium, Hexavalent	144.894	2	I		0.11	100
PTX06-1183		11/14/2023	Perchlorate	720	100			0.11	15

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1185		5/2/2023	4-Amino-2,6-Dinitrotoluene	1.32	0.254		J-	0.27	1.2
PTX06-1185		5/2/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	146	6.34	h	J	0.27	2
PTX06-1185		10/18/2023	4-Amino-2,6-Dinitrotoluene	1.56	0.259			0.2	1.2
PTX06-1185		10/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	120	6.48			0.2	2
PTX06-1190		5/2/2023	4-Amino-2,6-Dinitrotoluene	4.7	0.256		J-	0.69	1.2
PTX06-1190		5/2/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1060	25.6	*	J	0.69	2
PTX06-1190		5/2/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	14.4	0.256	*	J+	0.69	2
PTX06-1190		10/18/2023	4-Amino-2,6-Dinitrotoluene	5.59	0.261			0.38	1.2
PTX06-1190		10/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	911	26.1			0.38	2
PTX06-1190		10/18/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	16.1	0.261			0.38	2
PTX06-1196	Compliance	3/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.72	1.01	D *	J-	0.74	2
PTX06-1196	Compliance	9/18/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.17	1.02	D		1.34	2
PTX06-1197		10/18/2023	Arsenic	53.7	5			2.36	12
PTX06-1197		10/18/2023	Barium	8510	30	D * ^		2.36	2000
PTX06-1197		10/18/2023	Manganese	3620	3.5			2.36	1715.5
PTX06-1199		2/7/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.36	0.26			0.11	2
PTX06-1199		7/19/2023	4-Amino-2,6-Dinitrotoluene	1.22	0.26			0	1.2
PTX06-1199		7/19/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.95	0.26			0	2
PTX06-1201		2/20/2023	4-Amino-2,6-Dinitrotoluene	2.5	0.259		J	0.46	1.2
PTX06-1201		2/20/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	49.7	1.3			0.46	2
PTX06-1201		7/31/2023	4-Amino-2,6-Dinitrotoluene	1.67	0.258			5.44	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1201		7/31/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	38.8	2.58	*		5.44	2
PTX06-1203		2/20/2023	4-Amino-2,6-Dinitrotoluene	3.74	0.262		J	0.18	1.2
PTX06-1203		2/20/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	266	6.55			0.18	2
PTX06-1203		2/20/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.32	0.262			0.18	2
PTX06-1203		7/31/2023	4-Amino-2,6-Dinitrotoluene	1.63	0.265			0.08	1.2
PTX06-1203		7/31/2023	4-Amino-2,6-Dinitrotoluene	1.78	0.26				1.2
PTX06-1203		7/31/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	176	6.62			0.08	2
PTX06-1203		7/31/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	195	6.5				2
PTX06-1203		7/31/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.05	0.265			0.08	2
PTX06-1203		7/31/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.81	0.26				2
PTX06-1207		4/19/2023	4-Amino-2,6-Dinitrotoluene	4.34	0.262			0.54	1.2
PTX06-1207		4/19/2023	Perchlorate	28.7	10		J	0.54	15
PTX06-1207		11/14/2023	4-Amino-2,6-Dinitrotoluene	4.87	0.259			0.58	1.2
PTX06-1207		11/14/2023	Perchlorate	23.1	5			0.58	15
PTX06-1209		4/19/2023	Arsenic	59.1	5			11.7	12
PTX06-1209		4/19/2023	1,4-Dioxane	20	1	B *	J	11.7	7.7
PTX06-1209		4/19/2023	Trichloroethene	19.9	2.5			11.7	5
PTX06-1209		4/19/2023	Vinyl Chloride	7.96	1			11.7	2
PTX06-1209		11/8/2023	Arsenic	49.6	5			5.52	12
PTX06-1209		11/8/2023	Manganese	7720	3.5			5.52	1715.5
PTX06-1209		11/8/2023	1,4-Dioxane	17.4	1			5.52	7.7
PTX06-1209		11/8/2023	Vinyl Chloride	4.58	1			5.52	2
PTX06-1210		4/19/2023	Arsenic	153	5			14.5	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1210		4/19/2023	Barium	3190	3	^		14.5	2000
PTX06-1210		4/19/2023	Manganese	2470	3.5	B	J	14.5	1715.5
PTX06-1210		4/19/2023	1,4-Dioxane	12.3	1	B *	J	14.5	7.7
PTX06-1210		11/8/2023	Arsenic	181	5			19.1	12
PTX06-1210		11/8/2023	Barium	6470	30	D * ^		19.1	2000
PTX06-1210		11/8/2023	Manganese	18400	35	D		19.1	1715.5
PTX06-1211		4/26/2023	4-Amino-2,6-Dinitrotoluene	9.85	0.258			5.32	1.2
PTX06-1211		4/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	55.3	2.58		J	5.32	2
PTX06-1211		4/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.45	0.258			5.32	2
PTX06-1211		4/26/2023	1,4-Dioxane	22.1	10			5.32	7.7
PTX06-1211		4/26/2023	Tetrachloroethene	7.49	1			5.32	5
PTX06-1211		4/26/2023	Trichloroethene	495	5		J-	5.32	5
PTX06-1211		11/1/2023	4-Amino-2,6-Dinitrotoluene	8.48	0.26			7.24	1.2
PTX06-1211		11/1/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	89.4	6.51			7.24	2
PTX06-1211		11/1/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	15.3	0.26			7.24	2
PTX06-1211		11/1/2023	Trichloroethene	185	5			7.24	5
PTX06-1213		3/13/2023	Arsenic	133	5		J	2.64	12
PTX06-1213		3/13/2023	Barium	3200	3	* B ^	J	2.64	2000
PTX06-1213		11/28/2023	Arsenic	214	50	* D	J	8.12	12
PTX06-1213		11/28/2023	Barium	8350	30	^ * D	J	8.12	2000
PTX06-1214		3/13/2023	Arsenic	170	5		J	9.11	12
PTX06-1214		3/13/2023	Barium	2660	3	* ^ B	J	9.11	2000
PTX06-1214		7/10/2023	Arsenic	124	5			1.01	12
PTX06-1218	Compliance	6/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	12.5	1.03	D	J-	0.86	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-1218	Compliance	10/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	11.3	2.12	D *		0.33	2
PTX06-1218	Compliance	10/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	11.7	2.08	D *			2
PTX06-1219		6/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	11.3	1.05	D * F	J	1.99	2
PTX06-1219		6/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	11.9	1.03	D *	J		2
PTX06-1219		6/26/2023	Arsenic	12.6	5			1.99	12
PTX06-1219		6/26/2023	Arsenic	12.5	5				12
PTX06-1219		6/26/2023	Manganese	5070	3.5	*		1.99	1715.5
PTX06-1219		6/26/2023	Manganese	5160	3.5	*			1715.5
PTX06-1219		10/17/2023	Arsenic	20.9	5			0.24	12
PTX06-1219		10/17/2023	Barium	3370	3	^ *		0.24	2000
PTX06-1219		10/17/2023	Manganese	5950	3.5			0.24	1715.5
PTX06-1221	Compliance	11/20/2023	4-Amino-2,6-Dinitrotoluene	1.85	0.102			1.14	1.2
PTX06-1221	Compliance	11/20/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.54	0.102			1.14	2
PTX06-1230		4/11/2023	Arsenic	222	5			2.88	12
PTX06-1230		4/11/2023	Arsenic	222	5			2.88	12
PTX06-1230		4/11/2023	Vinyl Chloride	2.4	1			2.88	2
PTX06-1230		4/11/2023	Vinyl Chloride	2.4	1			2.88	2
PTX06-1230		12/6/2023	Arsenic	246	5	*		2.15	12
PTX06-1230		12/6/2023	Arsenic	246	5	*		2.15	12
PTX06-1230		12/6/2023	1,4-Dioxane	21.3	1			2.15	7.7
PTX06-1230		12/6/2023	1,4-Dioxane	21.3	1			2.15	7.7
PTX06-1230		12/6/2023	Vinyl Chloride	3.45	1			2.15	2
PTX06-1230		12/6/2023	Vinyl Chloride	3.45	1			2.15	2
PTX06-EW-1		5/10/2023	2-Amino-4,6-Dinitrotoluene	3.3	0.104		J		1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-1		5/10/2023	4-Amino-2,6-Dinitrotoluene	1.78	0.104	*	J		1.2
PTX06-EW-1		5/10/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	276	20.8	D *	J		2
PTX06-EW-1		5/10/2023	1,3,5-Trinitrobenzene	755	20.8	* D	J		220
PTX06-EW-1		5/10/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.21	0.104	*	J		2
PTX06-EW-1		5/10/2023	Chromium, Total	943	3				100
PTX06-EW-1		5/10/2023	Trichloroethene	20.7	1				5
PTX06-EW-10		5/17/2023	Chromium, Total	267	3	B			100
PTX06-EW-10		5/17/2023	Chromium, Hexavalent	223.942	20	I			100
PTX06-EW-10		5/17/2023	Perchlorate	301	50	D *	J		15
PTX06-EW-10		11/15/2023	Perchlorate	249	20	D *			15
PTX06-EW-16		10/4/2023	2-Amino-4,6-Dinitrotoluene	1.58	0.104				1.2
PTX06-EW-16		10/4/2023	4-Amino-2,6-Dinitrotoluene	9.17	1.04	D *			1.2
PTX06-EW-16		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	278	10.4	D *			2
PTX06-EW-16		10/4/2023	TNT (2,4,6-Trinitrotoluene)	22.1	1.04	D *			3.6
PTX06-EW-16		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.8	1.04	D			2
PTX06-EW-16		10/18/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0098	0.00184	*			0.009
PTX06-EW-16		10/18/2023	Perfluorooctanoic Acid (Pfoa)	0.2	0.00201				0.004
PTX06-EW-17		10/4/2023	2-Amino-4,6-Dinitrotoluene	2.33	0.103				1.2
PTX06-EW-17		10/4/2023	4-Amino-2,6-Dinitrotoluene	7.07	1.03	D *			1.2
PTX06-EW-17		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	179	5.15	D *			2
PTX06-EW-17		10/4/2023	TNT (2,4,6-Trinitrotoluene)	17.2	1.03	D *			3.6
PTX06-EW-17		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.83	0.103				2
PTX06-EW-18		10/4/2023	2-Amino-4,6-Dinitrotoluene	1.86	0.102				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-18		10/4/2023	4-Amino-2,6-Dinitrotoluene	4.76	0.102	*			1.2
PTX06-EW-18		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	113	5.12	D *			2
PTX06-EW-18		10/4/2023	TNT (2,4,6-Trinitrotoluene)	10.1	1.02	D *			3.6
PTX06-EW-18		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.06	0.102				2
PTX06-EW-19		10/18/2023	Perfluorooctanoic Acid (Pfoa)	0.245	0.002				0.004
PTX06-EW-2		7/10/2023	Perfluorooctanoic Acid (Pfoa)	0.0436	0.00199				0.004
PTX06-EW-2		11/15/2023	2-Amino-4,6-Dinitrotoluene	4.23	0.103	*			1.2
PTX06-EW-2		11/15/2023	4-Amino-2,6-Dinitrotoluene	2.35	0.103	*	J-		1.2
PTX06-EW-2		11/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	343	10.3	D *			2
PTX06-EW-2		11/15/2023	1,3,5-Trinitrobenzene	1150	51.7	D *			220
PTX06-EW-2		11/15/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.04	0.103	*			2
PTX06-EW-20		5/10/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	63.1	2.05	D *	J		2
PTX06-EW-20		5/10/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.13	0.102	*	J		2
PTX06-EW-20		5/10/2023	Tetrachloroethene	11.5	1				5
PTX06-EW-20		5/10/2023	Trichloroethene	18.4	1				5
PTX06-EW-20		7/10/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0113	0.00173				0.009
PTX06-EW-20		7/10/2023	Perfluorooctanoic Acid (Pfoa)	0.158	0.00189				0.004
PTX06-EW-23A		10/4/2023	2-Amino-4,6-Dinitrotoluene	1.43	0.103				1.2
PTX06-EW-23A		10/4/2023	4-Amino-2,6-Dinitrotoluene	2.85	0.103	*			1.2
PTX06-EW-23A		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	262	10.3	D *			2
PTX06-EW-23A		10/4/2023	TNT (2,4,6-Trinitrotoluene)	12.8	1.03	D *			3.6
PTX06-EW-23A		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	11.6	1.03	D			2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-24		5/10/2023	2-Amino-4,6-Dinitrotoluene	6.62	1.02	D	J		1.2
PTX06-EW-24		5/10/2023	4-Amino-2,6-Dinitrotoluene	6.31	1.02	D	J		1.2
PTX06-EW-24		5/10/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	536	20.4	D *	J		2
PTX06-EW-24		5/10/2023	1,3,5-Trinitrobenzene	360	20.4	* D	J		220
PTX06-EW-24		5/10/2023	TNT (2,4,6-Trinitrotoluene)	3.84	0.102		J-		3.6
PTX06-EW-24		5/10/2023	Chromium, Total	384	3				100
PTX06-EW-24		5/10/2023	Chromium, Hexavalent	347.857	20	I	J		100
PTX06-EW-24		5/10/2023	Trichloroethene	30.1	1				5
PTX06-EW-24		7/10/2023	Perfluorooctanoic Acid (Pfoa)	0.477	0.0019				0.004
PTX06-EW-27		7/11/2023	Perfluorooctanoic Acid (Pfoa)	0.0171	0.002				0.004
PTX06-EW-27		7/24/2023	2-Amino-4,6-Dinitrotoluene	3.44	1.02	D			1.2
PTX06-EW-27		7/24/2023	4-Amino-2,6-Dinitrotoluene	18.4	10.2	D *			1.2
PTX06-EW-27		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	905	51.1	* D			2
PTX06-EW-27		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	16.9	10.2	D *	J		2
PTX06-EW-28		5/10/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.72	1.03	D *	J		2
PTX06-EW-29		11/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19	1.02	D *			2
PTX06-EW-29		11/15/2023	1,3,5-Trinitrobenzene	257	10.2	D *			220
PTX06-EW-3		11/15/2023	2-Amino-4,6-Dinitrotoluene	2.92	0.102	*			1.2
PTX06-EW-3		11/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	264	10.2	* D			2
PTX06-EW-3		11/15/2023	1,3,5-Trinitrobenzene	351	10.2	D *			220
PTX06-EW-3		11/15/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.2	0.102	*			2
PTX06-EW-31		10/4/2023	2-Amino-4,6-Dinitrotoluene	1.29	0.103				1.2
PTX06-EW-31		10/4/2023	4-Amino-2,6-Dinitrotoluene	2.98	0.103	*			1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-31		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	192	10.3	D *			2
PTX06-EW-31		10/4/2023	TNT (2,4,6-Trinitrotoluene)	13.4	1.03	D *			3.6
PTX06-EW-31		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.7	0.103				2
PTX06-EW-31		10/4/2023	Chromium, Total	235	3	*			100
PTX06-EW-31		10/4/2023	Chromium, Hexavalent	211.698	20	I			100
PTX06-EW-33		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	171	10.2	D *			2
PTX06-EW-33		7/25/2023	TNT (2,4,6-Trinitrotoluene)	9.04	1.02	* D			3.6
PTX06-EW-33		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.56	0.102	*			2
PTX06-EW-34		7/25/2023	2-Amino-4,6-Dinitrotoluene	4.02	1.01	D *			1.2
PTX06-EW-34		7/25/2023	4-Amino-2,6-Dinitrotoluene	3.11	1.01	D	J		1.2
PTX06-EW-34		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	634	20.2	D *			2
PTX06-EW-34		7/25/2023	TNT (2,4,6-Trinitrotoluene)	9.14	1.01	* D			3.6
PTX06-EW-34		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	20.5	1.01	D			2
PTX06-EW-35		7/24/2023	2-Amino-4,6-Dinitrotoluene	3.86	1.03	D			1.2
PTX06-EW-35		7/24/2023	4-Amino-2,6-Dinitrotoluene	25.9	1.03	D *			1.2
PTX06-EW-35		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	858	51.5	* D			2
PTX06-EW-35		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.29	1.03	D *	J		2
PTX06-EW-36		7/17/2023	2-Amino-4,6-Dinitrotoluene	2.02	0.102				1.2
PTX06-EW-36		7/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	91.6	2.04	* D			2
PTX06-EW-36		7/17/2023	1,3,5-Trinitrobenzene	266	10.2	* D			220
PTX06-EW-37		5/17/2023	Chromium, Total	106	3	B			100
PTX06-EW-37		5/17/2023	Perchlorate	19.5	1	*	J		15

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-37		10/11/2023	Perchlorate	21.6	2	D *			15
PTX06-EW-38C		5/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.02	0.103				2
PTX06-EW-39		7/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	12.9	1.02	D *			2
PTX06-EW-40		5/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	24.9	2.06	D			2
PTX06-EW-40		5/24/2023	TNT (2,4,6-Trinitrotoluene)	4.21	0.103	*	J		3.6
PTX06-EW-41		5/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	45.7	2.16	D	J		2
PTX06-EW-41		5/24/2023	TNT (2,4,6-Trinitrotoluene)	10.8	1.08	D	J		3.6
PTX06-EW-42A		5/24/2023	2-Amino-4,6-Dinitrotoluene	1.33	0.107		J+		1.2
PTX06-EW-42A		5/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	77.3	2.14	D	J+		2
PTX06-EW-42A		5/24/2023	TNT (2,4,6-Trinitrotoluene)	14	1.07	D	J		3.6
PTX06-EW-43		7/17/2023	2-Amino-4,6-Dinitrotoluene	1.83	0.506	D			1.2
PTX06-EW-43		7/17/2023	4-Amino-2,6-Dinitrotoluene	2.06	0.506	D			1.2
PTX06-EW-43		7/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	464	10.1	D *			2
PTX06-EW-43		7/17/2023	TNT (2,4,6-Trinitrotoluene)	18.9	0.506	* B D	J-		3.6
PTX06-EW-43		7/17/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.34	0.506	D			2
PTX06-EW-44		10/11/2023	2,6-Dinitrotoluene	1.25	0.104		J		1
PTX06-EW-44		10/11/2023	2-Amino-4,6-Dinitrotoluene	3.7	0.104				1.2
PTX06-EW-44		10/11/2023	4-Amino-2,6-Dinitrotoluene	2.77	0.104				1.2
PTX06-EW-44		10/11/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	575	51.8	D			2
PTX06-EW-44		10/11/2023	TNT (2,4,6-Trinitrotoluene)	15.6	1.04	D			3.6
PTX06-EW-44		10/11/2023	Trichloroethene	18.4	1				5
PTX06-EW-45		7/12/2023	Perfluorooctanoic Acid (Pfoa)	0.28	0.01				0.004
PTX06-EW-45		7/17/2023	2-Amino-4,6-Dinitrotoluene	1.96	0.511	D			1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-45		7/17/2023	4-Amino-2,6-Dinitrotoluene	3.53	0.511	D			1.2
PTX06-EW-45		7/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	611	51.1	* D			2
PTX06-EW-45		7/17/2023	TNT (2,4,6-Trinitrotoluene)	17.8	0.511	D B *	J-		3.6
PTX06-EW-45		7/17/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.56	0.511	D			2
PTX06-EW-46		5/17/2023	2-Amino-4,6-Dinitrotoluene	2.8	0.12				1.2
PTX06-EW-46		5/17/2023	4-Amino-2,6-Dinitrotoluene	3.17	0.12				1.2
PTX06-EW-46		5/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	867	59.9	D			2
PTX06-EW-46		5/17/2023	TNT (2,4,6-Trinitrotoluene)	12.6	1.2	D			3.6
PTX06-EW-46		5/17/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	17.4	1.2	D			2
PTX06-EW-46		5/17/2023	Trichloroethene	19.7	1				5
PTX06-EW-49		7/17/2023	2-Amino-4,6-Dinitrotoluene	3.1	0.115				1.2
PTX06-EW-49		7/17/2023	4-Amino-2,6-Dinitrotoluene	2.13	0.115				1.2
PTX06-EW-49		7/17/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	765	57.6	* D			2
PTX06-EW-49		7/17/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	41.7	11.5	D			2
PTX06-EW-49		7/17/2023	Chromium, Total	200	3				100
PTX06-EW-49		7/17/2023	Chromium, Hexavalent	157.785	20	I			100
PTX06-EW-50		10/4/2023	2-Amino-4,6-Dinitrotoluene	2.59	0.103				1.2
PTX06-EW-50		10/4/2023	4-Amino-2,6-Dinitrotoluene	26.1	1.03	D *			1.2
PTX06-EW-50		10/4/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	23.7	1.03	D			2
PTX06-EW-50		10/4/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	5.73	1.03	D			2
PTX06-EW-50		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	976	51.3	D *			2
PTX06-EW-50		10/4/2023	TNT (2,4,6-Trinitrotoluene)	27.2	1.03	D *			3.6

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-50		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	134	5.13	D			2
PTX06-EW-50		10/18/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.113	0.00178	*	J+		0.009
PTX06-EW-50		10/18/2023	Perfluorooctanoic Acid (Pfoa)	0.286	0.00195				0.004
PTX06-EW-51		5/17/2023	Chromium, Total	260	3	B			100
PTX06-EW-51		5/17/2023	Chromium, Hexavalent	221.117	20	I			100
PTX06-EW-51		5/17/2023	Perchlorate	326	50	D *	J		15
PTX06-EW-51		10/11/2023	Perchlorate	332	40	D *			15
PTX06-EW-54		7/24/2023	2-Amino-4,6-Dinitrotoluene	2.84	2.05	D			1.2
PTX06-EW-54		7/24/2023	2-Amino-4,6-Dinitrotoluene	3.14	2.08	D			1.2
PTX06-EW-54		7/24/2023	4-Amino-2,6-Dinitrotoluene	42	10.3	D *			1.2
PTX06-EW-54		7/24/2023	4-Amino-2,6-Dinitrotoluene	36.5	10.4	D *			1.2
PTX06-EW-54		7/24/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.9	2.05	D *	J-		2
PTX06-EW-54		7/24/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.14	2.08	D *	J-		2
PTX06-EW-54		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	797	51.4	* D			2
PTX06-EW-54		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	804	51.9	* D			2
PTX06-EW-54		7/24/2023	TNT (2,4,6-Trinitrotoluene)	44.9	10.3	D			3.6
PTX06-EW-54		7/24/2023	TNT (2,4,6-Trinitrotoluene)	42.9	10.4	D			3.6
PTX06-EW-54		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	71	10.3	D *	J		2
PTX06-EW-54		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	61.2	10.4	D *	J		2
PTX06-EW-55		7/24/2023	2-Amino-4,6-Dinitrotoluene	4.49	2.03	D			1.2
PTX06-EW-55		7/24/2023	4-Amino-2,6-Dinitrotoluene	21.4	10.2	D *			1.2
PTX06-EW-55		7/24/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.3	2.03	D *	J-		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-55		7/24/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.01	2.03	D *	J-		2
PTX06-EW-55		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	703	50.8	* D			2
PTX06-EW-55		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	51.3	10.2	D *	J		2
PTX06-EW-56		7/24/2023	2-Amino-4,6-Dinitrotoluene	2.41	2.11	D			1.2
PTX06-EW-56		7/24/2023	4-Amino-2,6-Dinitrotoluene	17.2	10.6	D *			1.2
PTX06-EW-56		7/24/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.32	2.11	D *	J-		2
PTX06-EW-56		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	938	52.9	* D			2
PTX06-EW-56		7/24/2023	TNT (2,4,6-Trinitrotoluene)	19	10.6	D			3.6
PTX06-EW-56		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	61.4	10.6	D *	J		2
PTX06-EW-57		7/11/2023	Perfluorooctanoic Acid (Pfoa)	0.0864	0.00202				0.004
PTX06-EW-57		7/24/2023	2-Amino-4,6-Dinitrotoluene	4.41	1.02	D			1.2
PTX06-EW-57		7/24/2023	4-Amino-2,6-Dinitrotoluene	18	10.2	D *			1.2
PTX06-EW-57		7/24/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	908	51.2	* D			2
PTX06-EW-57		7/24/2023	TNT (2,4,6-Trinitrotoluene)	20.9	10.2	D			3.6
PTX06-EW-57		7/24/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22.9	10.2	D *	J		2
PTX06-EW-58		10/4/2023	2-Amino-4,6-Dinitrotoluene	2.28	0.101				1.2
PTX06-EW-58		10/4/2023	4-Amino-2,6-Dinitrotoluene	13.3	1.01	D *			1.2
PTX06-EW-58		10/4/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.14	0.101				2
PTX06-EW-58		10/4/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	569	20.3	D *			2
PTX06-EW-58		10/4/2023	TNT (2,4,6-Trinitrotoluene)	24.9	1.01	D *			3.6
PTX06-EW-58		10/4/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22.3	1.01	D			2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-60		7/25/2023	4-Amino-2,6-Dinitrotoluene	2.75	0.517	D	J		1.2
PTX06-EW-60		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	162	10.3	D *			2
PTX06-EW-60		7/25/2023	TNT (2,4,6-Trinitrotoluene)	13	0.517	D			3.6
PTX06-EW-60		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.9	0.517	D			2
PTX06-EW-61		7/11/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0307	0.00179				0.009
PTX06-EW-61		7/11/2023	Perfluorooctanoic Acid (Pfoa)	0.161	0.00196				0.004
PTX06-EW-61		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	56.8	2.02	D *			2
PTX06-EW-61		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.12	0.101				2
PTX06-EW-62		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19.7	1.02	D *			2
PTX06-EW-62		7/25/2023	TNT (2,4,6-Trinitrotoluene)	7.51	1.02	* D			3.6
PTX06-EW-63		7/11/2023	Perfluorooctanoic Acid (Pfoa)	0.058	0.00198				0.004
PTX06-EW-63		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	56.9	2.08	D *			2
PTX06-EW-63		7/25/2023	TNT (2,4,6-Trinitrotoluene)	5.88	2.08	D			3.6
PTX06-EW-63		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.35	0.104	*			2
PTX06-EW-64		7/25/2023	2-Amino-4,6-Dinitrotoluene	2.29	1.06	D			1.2
PTX06-EW-64		7/25/2023	4-Amino-2,6-Dinitrotoluene	3.35	1.06	D	J		1.2
PTX06-EW-64		7/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	235	10.6	D *			2
PTX06-EW-64		7/25/2023	1,3,5-Trinitrobenzene	227	10.6	D			220
PTX06-EW-64		7/25/2023	TNT (2,4,6-Trinitrotoluene)	5.7	1.06	D			3.6
PTX06-EW-64		7/25/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.45	1.06	D			2
PTX06-EW-64		7/25/2023	Chromium, Total	150	3				100

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-67		7/17/2023	Chromium, Total	337	3				100
PTX06-EW-67		7/17/2023	Chromium, Hexavalent	262.933	20	I			100
PTX06-EW-67		7/17/2023	Perchlorate	221	20	D *			15
PTX06-EW-67		10/11/2023	Perchlorate	223	20	D *			15
PTX06-EW-68		10/11/2023	Chromium, Total	324	3				100
PTX06-EW-68		10/11/2023	Chromium, Total	336	3				100
PTX06-EW-68		10/11/2023	Chromium, Hexavalent	288.315	20	I			100
PTX06-EW-68		10/11/2023	Chromium, Hexavalent	315.19	20	I			100
PTX06-EW-68		10/11/2023	Perchlorate	181	20	D *			15
PTX06-EW-68		10/11/2023	Perchlorate	243	20	D *			15
PTX06-EW-70		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19.7	2.1	* D			2
PTX06-EW-70		8/2/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0189	0.00156				0.009
PTX06-EW-70		8/2/2023	Perfluorooctanoic Acid (Pfoa)	0.00641	0.00156				0.004
PTX06-EW-70		8/2/2023	Perfluorooctane Sulfonic Acid (Pfos)	0.148	0.00156	*			0.004
PTX06-EW-71		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.92	0.105	*			2
PTX06-EW-71		8/2/2023	Perfluorooctanoic Acid (Pfoa)	0.0104	0.00155				0.004
PTX06-EW-72		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.21	0.105	*			2
PTX06-EW-72		8/2/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.333	0.00159				0.009
PTX06-EW-72		8/2/2023	Perfluorooctanoic Acid (Pfoa)	0.0525	0.00159				0.004
PTX06-EW-72		8/2/2023	Perfluorooctane Sulfonic Acid (Pfos)	0.185	0.00159	*			0.004
PTX06-EW-75		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	29.5	2.08	D *			2
PTX06-EW-75		7/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.71	0.104				2
PTX06-EW-78A		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.02	0.105	*			2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-79		7/26/2023	4-Amino-2,6-Dinitrotoluene	1.9	0.104				1.2
PTX06-EW-79		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	59.3	5.19	D *			2
PTX06-EW-79		7/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.81	0.104				2
PTX06-EW-80		7/26/2023	2-Amino-4,6-Dinitrotoluene	1.59	0.105				1.2
PTX06-EW-80		7/26/2023	4-Amino-2,6-Dinitrotoluene	6.51	5.24	D			1.2
PTX06-EW-80		7/26/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	108	5.24	D *			2
PTX06-EW-80		7/26/2023	TNT (2,4,6-Trinitrotoluene)	8.99	5.24	D			3.6
PTX06-EW-80		7/26/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	30.5	5.24	D			2
PTX06-EW-80		8/2/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0387	0.00159				0.009
PTX06-EW-80		8/2/2023	Perfluorooctanoic Acid (Pfoa)	0.122	0.00159				0.004
PTX06-EW-80		8/2/2023	Perfluorooctane Sulfonic Acid (Pfos)	0.00421	0.00159	*			0.004
PTX06-EW-81A		10/18/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.173	0.0016				0.009
PTX06-EW-81A		10/18/2023	Perfluorooctanoic Acid (Pfoa)	0.0385	0.0016				0.004
PTX06-EW-81A		10/18/2023	Perfluorooctane Sulfonic Acid (Pfos)	0.0359	0.0016				0.004
PTX06-EW-86		7/12/2023	Perfluorooctanoic Acid (Pfoa)	0.265	0.00983				0.004
PTX06-EW-88		11/15/2023	4-Amino-2,6-Dinitrotoluene	5.07	0.103	*	J-		1.2
PTX06-EW-88		11/15/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	394	10.3	D *			2
PTX06-EW-9		5/17/2023	Chromium, Total	175	3	B			100
PTX06-EW-9		5/17/2023	Chromium, Hexavalent	149.996	20	I			100
PTX06-EW-9		5/17/2023	Perchlorate	47.6	5	D *	J		15
PTX06-EW-9		10/11/2023	Chromium, Total	169	3				100
PTX06-EW-9		10/11/2023	Chromium, Hexavalent	159.031	20	I			100
PTX06-ISB021		2/13/2023	Arsenic	83.7	2.5			0.38	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB021		2/13/2023	Manganese	2890	1.5	*	J	0.38	1715.5
PTX06-ISB030B		2/15/2023	Arsenic	108	2.5			9	12
PTX06-ISB030B		2/15/2023	Barium	4710	1.5	^ *	J	9	2000
PTX06-ISB030B		2/15/2023	Manganese	1780	1.5	*	J	9	1715.5
PTX06-ISB030B		8/21/2023	Arsenic	132	2.5	*	J	13.2	12
PTX06-ISB030B		8/21/2023	Barium	4570	1.5	* ^	J	13.2	2000
PTX06-ISB030B		8/21/2023	Manganese	1850	1.5	* B	J	13.2	1715.5
PTX06-ISB038		2/15/2023	Arsenic	267	2.5			9.12	12
PTX06-ISB038		2/15/2023	Manganese	5300	1.5	*	J	9.12	1715.5
PTX06-ISB038		8/8/2023	Arsenic	168	2.5			6.51	12
PTX06-ISB038		8/8/2023	Manganese	1890	1.5	*		6.51	1715.5
PTX06-ISB046		2/21/2023	Arsenic	65.3	2.5			13.4	12
PTX06-ISB046		8/9/2023	Arsenic	36.2	2.5			14.5	12
PTX06-ISB055		4/12/2023	Arsenic	143	5			3.99	12
PTX06-ISB055		4/12/2023	Manganese	15300	3.5			3.99	1715.5
PTX06-ISB055		11/27/2023	Arsenic	41.5	5			94.2	12
PTX06-ISB055		11/27/2023	Manganese	29200	35	D *	J	94.2	1715.5
PTX06-ISB059		4/12/2023	Arsenic	22.7	5			82.3	12
PTX06-ISB059		4/12/2023	Manganese	22300	17.5	D		82.3	1715.5
PTX06-ISB059		11/27/2023	Arsenic	45.8	5			1486	12
PTX06-ISB059		11/27/2023	Manganese	15600	35	D *	J	1486	1715.5
PTX06-ISB064		4/11/2023	Arsenic	35.5	5			24.5	12
PTX06-ISB064		11/27/2023	Arsenic	39.8	5			23.6	12
PTX06-ISB064		11/27/2023	Vinyl Chloride	6.8	1		J	23.6	2
PTX06-ISB137		4/11/2023	Arsenic	40.5	5			106.6	12
PTX06-ISB137		4/11/2023	Manganese	25600	17.5	D		106.6	1715.5
PTX06-ISB137		11/28/2023	Arsenic	13.8	5			792	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB137		11/28/2023	Manganese	20100	35	* D	J	792	1715.5
PTX06-ISB302		4/17/2023	Arsenic	316	5			3.9	12
PTX06-ISB302		4/17/2023	Manganese	3310	3.5	B		3.9	1715.5
PTX06-ISB302		12/4/2023	Arsenic	606	5		J	0.26	12
PTX06-ISB312		4/17/2023	Arsenic	222	5			24.1	12
PTX06-ISB312		4/17/2023	Nitrate As N	120880	7000	I		24.1	10000
PTX06-ISB312		10/30/2023	Arsenic	18.6	5	F *	J	1020	12
PTX06-ISB312		10/30/2023	Manganese	6410	3.5	* F	J	1020	1715.5
PTX06-ISB325		4/18/2023	Arsenic	251	5			59.9	12
PTX06-ISB325		12/4/2023	Arsenic	82.7	5		J	1706	12
PTX06-ISB325		12/4/2023	Manganese	23400	175	* D		1706	1715.5
PTX06-ISB331		4/18/2023	Arsenic	229	5			4.13	12
PTX06-ISB331		12/4/2023	Arsenic	21.5	5		J	1.02	12
PTX06-MEW402		6/28/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	4.07	0.102		J+		2
PTX06-MEW402		6/28/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	168	10.2	D *			2
PTX06-MEW402		6/28/2023	Arsenic	34	5				12
PTX06-MEW402		11/6/2023	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	7.31	1.04	D			2
PTX06-MEW402		11/6/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	15.5	1.04	D			2
PTX06-MEW402		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	51.3	1.04	D *	J-		2
PTX06-MEW402		11/6/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	12.3	1.04	D			2
PTX06-MEW405		6/28/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.42	0.105		J+		2
PTX06-MEW405		6/28/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	145	10.5	D *			2
PTX06-MEW405		6/28/2023	Arsenic	49.7	5				12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-MEW405		6/28/2023	Barium	2150	3	^ *			2000
PTX06-MEW405		6/28/2023	Manganese	2070	3.5	*			1715.5
PTX06-MEW405		11/6/2023	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.97	0.103				2
PTX06-MEW405		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	94.3	5.15	D *	J-		2
PTX06-MEW405		11/6/2023	Arsenic	53.7	5				12
PTX06-MEW405		11/6/2023	Barium	2550	3	^ *			2000
PTX06-MEW405		11/6/2023	Manganese	2000	3.5	^ *			1715.5
PTX06-REC402		11/6/2023	Arsenic	40.5	5				12
PTX06-REC403		3/29/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.13	0.104	*			2
PTX06-REC403		3/29/2023	Arsenic	19.9	5				12
PTX06-REC403		3/29/2023	Barium	3610	3	B ^ *			2000
PTX06-REC403		3/29/2023	Manganese	2230	3.5	*			1715.5
PTX06-REC404		3/29/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.73	0.107	*	J+		2
PTX06-REC404		3/29/2023	Arsenic	20.7	5				12
PTX06-REC404		3/29/2023	Barium	3690	3	* ^ B			2000
PTX06-REC404		3/29/2023	Manganese	2380	3.5	*			1715.5
PTX06-REC404		5/17/2023	Arsenic	20.1	5			3.38	12
PTX06-REC404		5/17/2023	Barium	3250	3	^ *	J	3.38	2000
PTX06-REC404		5/17/2023	Manganese	1920	3.5	B *		3.38	1715.5
PTX06-REC404		11/6/2023	4-Amino-2,6-Dinitrotoluene	1.3	0.103		J-		1.2
PTX06-REC404		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.2	0.514	D *	J-		2
PTX06-REC404		11/6/2023	Arsenic	20.8	5				12
PTX06-REC407		5/17/2023	Arsenic	152	5			9.3	12
PTX06-REC407		5/17/2023	Barium	8670	30	^ D *	J	9.3	2000

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX06-REC407		5/17/2023	Manganese	3290	3.5	B *		9.3	1715.5
PTX06-REC412		11/8/2023	4-Amino-2,6-Dinitrotoluene	1.45	0.106	*	J+		1.2
PTX06-REC412		11/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	34	1.06	D *	J+		2
PTX06-REC416		6/6/2023	4-Amino-2,6-Dinitrotoluene	4.39	0.103	*		9.2	1.2
PTX06-REC416		6/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	149	10.3	D *	J	9.2	2
PTX06-REC416		11/6/2023	4-Amino-2,6-Dinitrotoluene	4.32	0.104		J-		1.2
PTX06-REC416		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	148	5.19	D *	J-		2
PTX06-REC416		11/6/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.07	0.104				2
PTX06-REC419		6/6/2023	4-Amino-2,6-Dinitrotoluene	6.85	1.06	D *	J	10	1.2
PTX06-REC419		6/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	127	10.6	D *	J	10	2
PTX06-REC419		11/6/2023	4-Amino-2,6-Dinitrotoluene	7.69	0.518	D	J		1.2
PTX06-REC419		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	149	5.18	D *	J		2
PTX06-REC419		11/6/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.05	0.104		J+		2
PTX06-REC422		6/6/2023	4-Amino-2,6-Dinitrotoluene	1.31	0.105	*	J	9.4	1.2
PTX06-REC422		11/6/2023	4-Amino-2,6-Dinitrotoluene	1.77	0.106		J		1.2
PTX07-1O03		7/31/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	24.1	2.62			0.85	2
PTX07-1P02	Compliance	11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	32.2	6.46			0.92	2
PTX07-1P02	Compliance	11/6/2023	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.11	0.258			0.92	2
PTX07-1P02	Compliance	11/6/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0235	0.00187			0.92	0.009
PTX07-1P02	Compliance	11/6/2023	Perfluorooctanoic Acid (Pfoa)	0.0107	0.00205			0.92	0.004

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX08-1002		11/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	27.5	6.49			0.05	2
PTX08-1002		11/6/2023	Perfluorohexane Sulfonic Acid (Pfhxs)	0.0384	0.00185			0.05	0.009
PTX08-1002		11/6/2023	Perfluorooctanoic Acid (Pfoa)	0.0166	0.00202			0.05	0.004
PTX08-1002		11/6/2023	Perfluorooctane Sulfonic Acid (Pfos)	0.00933	0.00187		J	0.05	0.004
PTX08-1005		3/6/2023	1,4-Dioxane	51.8	10			0.38	7.7
PTX08-1005		3/6/2023	Trichloroethene	90.4	1	*	J-	0.38	5
PTX08-1006		3/6/2023	2-Amino-4,6-Dinitrotoluene	1.62	0.254			0.3	1.2
PTX08-1006		3/6/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	17.2	0.254			0.3	2
PTX08-1006		3/6/2023	Perchlorate	40.4	20		J-	0.3	15
PTX08-1006		3/6/2023	Trichloroethene	31.8	1		J-	0.3	5
PTX08-1006		9/25/2023	2-Amino-4,6-Dinitrotoluene	1.91	0.262			0.13	1.2
PTX08-1006		9/25/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	12.7	0.262			0.13	2
PTX08-1006		9/25/2023	Perchlorate	43.8	10	H	J	0.13	15
PTX08-1006		9/25/2023	Trichloroethene	42.8	1			0.13	5
PTX08-1007		8/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.65	0.256			0	2
PTX08-1007		8/8/2023	1,2-Dichloroethane	55.6	1			0	5
PTX08-1007		8/8/2023	Trichloroethene	11	1			0	5
PTX08-1008		5/8/2023	4-Amino-2,6-Dinitrotoluene	4.54	0.261			1.13	1.2
PTX08-1008		5/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.9	0.261			1.13	2
PTX08-1008		5/8/2023	Perchlorate	341	100			1.13	15
PTX08-1008		5/8/2023	1,4-Dioxane	11.1	5			1.13	7.7
PTX08-1008		11/1/2023	4-Amino-2,6-Dinitrotoluene	5.67	0.265			0.14	1.2
PTX08-1008		11/1/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	16	0.265			0.14	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab[a] Qualifier	PTX[a] Qualifier	Turbidity	GWPS (ug/L)
PTX08-1008		11/1/2023	Perchlorate	299	100			0.14	15
PTX08-1008		11/1/2023	1,4-Dioxane	8.75	1			0.14	7.7
PTX10-1014		8/8/2023	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.54	0.261			105.5	2
PTX10-1014		8/8/2023	Chromium, Total	401	10			105.5	100
PTX10-1014		8/8/2023	Nickel	832	2			105.5	730
PTX10-1014		8/8/2023	Trichloroethene	12	1			105.5	5

[a] Explanation of Lab and Pantex (PTX) qualifiers can be found below under the Acronyms list.

Table D-2. Detected COCs Results in Group 1 Perched Aquifer Uncertainty Management/Early Detection Wells

Well ID	Sample ID	Sample Date	Sample Type	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug/L)	>GWPS?	Expected Condition?	Explanation
PTX01-1001	20231023M00254	10/23/2023	N	Perfluorodecanoic Acid (PFDA)	0.000788	0.00197	J				0.00197	N	0.37	N	N	Emerging contaminant.

Table D-3. Detected COCs Results in Group 1 Ogallala Aquifer Uncertainty Management/Early Detection Wells

Well ID	Sample ID	Sample Date	Sample Type	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug/L)	>GWPS?	Expected Condition?	Explanation
PTX06-1044	20230501M00086	5/1/2023	N	Chromium, Hexavalent	3.207	0.02			3.2	Y	0.02	NA	100	N	Y	Likely background variability.
PTX06-1056	20230130M00005	1/30/2023	N	2,6-Dinitrotoluene	0.0501	0.104	J H	J		NA	0.104	N	1	N	N	Unexpected condition.
PTX06-1056	20230130M00005	1/30/2023	N	4-Amino-2,6-Dinitrotoluene	1.87	0.104	H	J		NA	0.104	Y	1.2	Y	N	Unexpected condition.
PTX06-1056	20230130M00005	1/30/2023	N	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	0.167	0.104	H	J		NA	0.104	Y	2	N	N	Unexpected condition.
PTX06-1056	20230130M00005	1/30/2023	N	1,2-Dichloroethane	0.78	1	J			NA	1	N	5	N	N	Unexpected condition.
PTX06-1056	20230801M00156	8/1/2023	N	2,6-Dinitrotoluene	0.0433	0.104	J *			NA	0.104	N	1	N	N	Unexpected condition.
PTX06-1056	20230801M00156	8/1/2023	N	4-Amino-2,6-Dinitrotoluene	1.78	0.104				NA	0.104	Y	1.2	Y	N	Unexpected condition.
PTX06-1056	20230801M00156	8/1/2023	N	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	0.26	0.104				NA	0.104	Y	2	N	N	Unexpected condition.
PTX06-1056	20230801M00156	8/1/2023	N	1,2-Dichloroethane	0.79	1	J			NA	1	N	5	N	N	Unexpected condition.
PTX06-1076	20230501M00085	5/1/2023	N	4-Amino-2,6-Dinitrotoluene	0.142	0.102				NA	0.102	Y	1.2	N	N	Unexpected condition.
PTX06-1076	20230801M00157	8/1/2023	V	4-Amino-2,6-Dinitrotoluene	0.114	0.103				NA	0.103	Y	1.2	N	N	Unexpected condition.
PTX06-1076	20231017M00241	10/17/2023	N	4-Amino-2,6-Dinitrotoluene	0.162	0.103				NA	0.103	Y	1.2	N	N	Unexpected condition.
PTX06-1076	20231114M00300	11/14/2023	N	4-Amino-2,6-Dinitrotoluene	0.159	0.106				NA	0.106	Y	1.2	N	N	Unexpected condition.
PTX06-1076	20231206M00322	12/6/2023	N	4-Amino-2,6-Dinitrotoluene	0.168	0.105				NA	0.105	Y	1.2	N	N	Unexpected condition.
PTX07-1R01	20230717M00124	7/17/2023	N	TNT (2,4,6-Trinitrotoluene)	0.0391	0.103	J B			NA	0.103	N	3.6	N	N	Unexpected condition.

Table D-4. Detected Boron Results Exceeding Background Levels in Group 1 Ogallala Aquifer Wells

Well ID	Sample ID	Sample Date	Sample Type	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug/L)	>GWPS?	Expected Condition?	Mann-Kendall Trends		Explanation
															Long-Term	Short-Term	
PTX01-1012	20230206M00009	2/6/2023	N	200	15			193.9	Y	15	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1044	20231024M00258	10/24/2023	N	210	30	D		193.9	Y	30	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1056	20230130M00005	1/30/2023	N	221	75	D	J+	193.9	Y	75	NA	7300	N	Y	Decreasing	Stable	This concentration likely represents natural variability in background.
PTX06-1068	20231024M00257	10/24/2023	N	197	15			193.9	Y	15	NA	7300	N	Y	Stable	No Trend	This concentration likely represents natural variability in background.
PTX06-1139	20230130M00004	1/30/2023	N	209	75	D	J+	193.9	Y	75	NA	7300	N	Y	Decreasing	Stable	This concentration likely represents natural variability in background.
PTX06-1157	20230130M00003	1/30/2023	N	245	75	D	J+	193.9	Y	75	NA	7300	N	Y	Increasing	Stable	This concentration likely represents natural variability in background.
PTX06-1157	20230725M00140	7/25/2023	N	197	15			193.9	Y	15	NA	7300	N	Y	Increasing	Stable	This concentration likely represents natural variability in background.

Table D-5. COC Trends vs. Expected Conditions, Group 2 Wells

Well ID	COC Expected Condition - LTM Design	COC>GWPS	Mann-Kendall Trends – Since Start of Remedial Actions											
			RDX	TNT	DNT24[a]	DNT26[b]	TNB135[c]	PERC[d]	TCE	PCE[e]	CR-6	DIOXANE14[f]	DCA12[g]	TCLME[h]
1114-MW4	Long-term decreasing trend	PERC, TCE	N/A	ND	ND	ND	ND	No Trend	No Trend	Stable	NT	Stable	Decreasing	**Increasing**
OW-WR-38	Long-term stabilization of concentrations	RDX	**Increasing**	ND	ND	ND	ND	NT	**Increasing**	ND	NT	NT	ND	ND
PTX06-1002A	Long-term stabilization of concentrations	RDX	Probably Decreasing	ND	ND	ND	N/A	NT	No Trend	N/A	Decreasing	NT	No Trend	ND
PTX06-1005	Long-term stabilization of concentrations	RDX, TNB135, TCE	Decreasing	Decreasing	Decreasing	Decreasing	**Probably Increasing**	NT	No Trend	No Trend	Decreasing	Stable	**Increasing**	**Increasing**
PTX06-1007	Long-term decreasing trend	DNT4A, RDX, PERC	**Increasing**	ND	ND	Probably Decreasing	ND	Decreasing	Stable	ND	NT	Decreasing	ND	N/A
PTX06-1008	Long-term decreasing trend	DCA12	N/A	ND	ND	ND	ND	Probably Decreasing	Stable	ND	Decreasing	N/A	**Increasing**	**Increasing**
PTX06-1010	Long-term decreasing trend	CR-6	Decreasing	N/A	ND	ND	ND	NT	**Increasing**	No Trend	Decreasing	ND	Stable	**Increasing**
PTX06-1011	Stable or decreasing trend below GWPS	TCE	**Increasing**	ND	N/A	ND	N/A	Decreasing	**Probably Increasing**	No Trend	No Trend	Stable	**Increasing**	**Increasing**
PTX06-1050	Long-term stabilization of concentrations	DNT2A, DNT4A, RDX, TNX	**Probably Increasing**	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
PTX06-1053	Stable or decreasing trend below GWPS	DNT4A, RDX, PERC	No Trend	ND	ND	ND	ND	No Trend	ND	ND	Decreasing	N/A	ND	ND
PTX06-1077A	Stable or decreasing trend below GWPS		Decreasing	ND	ND	ND	ND	Probably Decreasing	Probably Decreasing	N/A	NT	N/A	ND	N/A
PTX06-1088	Long-term stabilization of concentrations	RDX, CR-6, TCE	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	NT	Decreasing	Stable	No Trend	Stable	No Trend	**Increasing**
PTX06-1095A	Long-term stabilization of concentrations	DNT24, RDX, TCE	Decreasing	**Increasing**	N/A	No Trend	**Increasing**	NT	Stable	No Trend	**Probably Increasing**	Stable	**Increasing**	**Increasing**
PTX07-1O02	Long-term decreasing trend		Decreasing	ND	ND	ND	ND	NT	**Probably Increasing**	ND	NT	NT	ND	N/A
PTX07-1O03	Long-term decreasing trend	RDX	No Trend	ND	ND	ND	ND	NT	Stable	ND	NT	NT	ND	ND
PTX07-1P02	Stable or decreasing trend below GWPS	RDX, TCE	**Increasing**	ND	ND	ND	ND	N/A	ND	ND	NT	Decreasing	ND	ND
PTX08-1001	Long-term stabilization of concentrations	RDX	No Trend	ND	ND	ND	ND	Decreasing	ND	ND	NT	N/A	ND	ND
PTX08-1002	Long-term stabilization of concentrations		Decreasing	No Trend	Stable	N/A	No Trend	NT	ND	ND	Decreasing	NT	ND	ND
PTX08-1005	Long-term decreasing trend	DIOXANE14, TCE	Decreasing	ND	ND	ND	ND	Decreasing	Decreasing	Decreasing	No Trend	Decreasing	Decreasing	Decreasing
PTX08-1006	Long-term decreasing trend	DNT2A, RDX, TCE, PERC	Decreasing	ND	ND	Stable	N/A	Decreasing	**Increasing**	Decreasing	NT	Decreasing	Decreasing	Decreasing

Well ID	COC Expected Condition - LTM Design	COC>GWPS	Mann-Kendall Trends – Since Start of Remedial Actions											
			RDX	TNT	DNT24[a]	DNT26[b]	TNB135[c]	PERC[d]	TCE	PCE[e]	CR-6	DIOXANE14[f]	DCA12[g]	TCLME[h]
PTX08-1007	Long-term decreasing trend	RDX, DCA12, TCE	Decreasing	ND	ND	ND	ND	**Increasing**	Stable	Stable	Decreasing	**Increasing**	**Increasing**	**Increasing**
PTX08-1008	Long-term stabilization of concentrations	DNT4A, RDX, PERC, DIOXANE14	No Trend	ND	ND	ND	ND	**Increasing**	**Increasing**	**Increasing**	Decreasing	**Increasing**	**Increasing**	**Increasing**
PTX08-1009	Long-term stabilization of concentrations		Decreasing	ND	ND	ND	N/A	No Trend	N/A	N/A	No Trend	NT	ND	No Trend
PTX10-1014	Long-term decreasing trend	RDX, TCE	No Trend	ND	ND	ND	ND	Stable	Stable	Decreasing	Stable	No Trend	ND	Decreasing

NT = not tested
N/A = not enough detections
ND = non-detect

[a]DNT24 = 2,4-Dinitrotoluene
[b]DNT26 = 2,6-Dinitrotoluene
[c]TNB135 = 1,3,5-Trinitrobenzene
[d]PERC = Perchlorate
[e]PCE = Tetracloroethene
[f]DIOXANE14 = 1,4-Dioxane
[g]DCA12 = 1,2-Dichlorethene
[h]TCLME = Chloroform

Table D-6. Group 2 Well Detections of Non-Indicator Parameters

Well ID	Sample ID	Sample Date	Sample Type	Analyte	Measured Value (ug or pCi/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug or pCi/L)	>Background?	PQL (ug/L)	>PQL?	GWPS (ug or pCi/L)	>GWPS?	Expected Condition?	Explanation
PTX06-1002A	20230222M00040	2/22/2023	N	Nickel	22.3	2			15	Y	2	NA	730	N	Y	Likely screen corrosion.
PTX10-1014	20230808M00168	8/8/2023	N	Manganese	46.6	5			16	Y	5	NA	1715.5	N	Y	Likely screen corrosion.
PTX10-1014	20230808M00168	8/8/2023	N	Nickel	832	2			15	Y	2	NA	730	Y	Y	Likely screen corrosion.

Acronyms

Sample Type Field	
D	Duplicate Sample
F	Filtered Sample (Metals Only)
N	Normal Sample
ST	Study Sample
V	Verification/Confirmation Sample of previous detection
Result Code Field	
<	The material was analyzed for, but was not detected.
">" Fields	
--	Analyte not detected - no comparison made
NA	Not applicable - Only the appropriate background or PQL applies in the >Background or PQL field. In >GW-Res field, compound not above background or PQL
NCE	No criteria established - no comparison made
Validation Code Field	
3	Validation of laboratory data complete and data have been determined to be useable, with exception of "R" flagged data in the reviewer qualifier field.
4	Data have been determined through PARCCS analysis to be unuseable or data should not be used in trending. See Sample Description or Verified Comment Field for explanation.
Laboratory/Reviewer Qualifier Codes	
Organic Analyses	
A	Tentatively Identified Compound (TIC) is suspected to be an aldol-condensation product.
B	Analyte was detected in both the sample and associated method blank.
C	Pesticide analyte confirmed by gas chromatography/mass spectrometer (GC/MS) analyses.
D	Analyte(s) quantified during analyses performed at a secondary dilution factor.
D3	The matrix spike duplicate relative percent difference (RPD) exceeded laboratory control limits.
E	Compound with concentration exceeding upper calibration range for instrumentation specific to the analysis. When a compound exceeds the calibration range, the sample is diluted and is reanalyzed. All samples within a suite or group of analytes (e.g., high explosives or VOCs) is reanalyzed; therefore, two results are typically seen for all analytes within the group. The “E” qualified results are not reliable and the second set of results should be used for final evaluation of analyte concentration.
F	Duplicate range of logarithms exceeds the control limit.
F1	MS and/or MSD recovery is outside control limits.
F2	MS/MSD RPD exceeds the control limit.
H	Analytical holding time was exceeded.
H1	The sample was prepared or the analysis was conducted outside the method specific holding time.
H2	The sample was received or analysis was requested outside the method specific holding time.
I	Sample was diluted prior to analysis.

J	Estimated value representing either a concentration of TICs or an analyte detected less than the CRQL, or practical quantitation limit, and equal to or greater than the MDL.
J+	The associated numerical value is an estimated quantity with a suspected positive bias.
J-	The associated numerical value is an estimated quantity with a suspected negative bias.
M1	The continuing calibration verification recovery was outside laboratory control limits.
M3	The matrix spike sample recovery was outside laboratory control limits.
M5	The matrix spike duplicate sample recovery was outside laboratory control limits.
N	Presumptive evidence based upon a mass spectral library search to make a tentative identification of the analyte.
NJ	Analyte is a TIC. Its associated numerical value is estimated based upon a 1:1 comparison between the response factor and the nearest eluting internal standard.
P	The relative percent difference of the detected concentrations of the target analyte from the two test columns is greater than quality criteria. These results are typically “J” flagged as estimated.
PG	The percent difference between the original and confirmation analyses is greater than 40%.
Q	One or more quality control criteria have not been met. Refer to applicable laboratory narrative or duplicate error ratio.
S	Positive analyste detection appears questionable during spectral confirmatiohn.
U	Compound analyzed for but not detected; sample quantitation limit adjusted to reflect method dilutions and percent moisture.
UJ	The material was analyzed for but was not detected. The sample quantitation limit is an estimated quantity.
V	This sample required a separate verification/confirmation sample to be collected to confirm original detection.
x	Recovered amount of spike is less than the project reporting limit.
X	Presumptive evidence suggesting that the reported analytes is not present in the sample. .
h	Prep hold time was exceeded.

Inorganic Analyses

B	Reported value was less than the contract laboratory required detection limit but equal to or greater than the laboratory method detection limit (MDL).
E	Percentage of difference between the sample and its serial dilution concentrations exceeds 10 percent. The sample concentration must be greater than 50 times the instrument detection limit/MDL for inductively coupled argon plasma (ICP) or 100 times the absolute value of the concentration of the preparation blank; however, for an ICP/MS analysis, the sample concentration must be 20 times the contract required quantitation limit (CRQL) before an "E" qualifier is applied.
I	Sample was diluted prior to analysis.
J	Estimated value representing either a concentration of an inorganic detected less than the CRQL, or practical quantitation limit, and equal to or greater than the MDL.
M	Replicate injection readings for the graphite furnace atomic absorption (GFAA) sample analysis do not agree within 20 percent relative standard deviation or coefficient of variation.
N	Spiked sample recovery not within control limits.
R	The data are unusable (compound may or may not be present). Re-sampling and reanalysis are necessary for verification.
U	Compound analyzed for but not detected; sample quantitation limit adjusted to reflect method dilutions and percent moisture.
UJ	The material was analyzed for but was not detected. The sample quantitation limit is an estimated quantity.
V	This sample required a separate verification/confirmation sample to be collected to confirm original detection.

W	Post-digestion spike for GFAA analysis outside of control limits (85 -115 percent) while sample results are less than 50 percent of the spike absorbency.
X	Presumptive evidence suggesting that the reported analytes is not present in the sample. .
*	Relative percent difference is outside of specified control limits.
^	Instrument related QC for standard exceeds the control limits.
n	The laboratory does not hold NELAP/TNI accreditation for this method or analyte.
d	The sample was prepared or the analysis was conducted outside the method specific holding time.

Information

Backgrounds	From the *Risk Reduction Rule Guidance to the Pantex RFI* (BWXT Pantex, 2002, updated 2004)
PQLs	Laboratory PQL as reported by the laboratory.
GWPS	Groundwater protection standard established in the Record of Decision (2008) and CP-50284.
Run ID	The run number of the analyte from the laboratory. Analytical runs are repeated when reanalysis is required because of problems with calibration or as required by a Pantex reviewer.
Result Code	Used to denote the presence of a non-detect sample.
Sample Description Field	This field contains notes regarding the collection of the sample, as well as notations of requirements for resampling.
Laboratory Case Narrative	This field contains information regarding the validation of the sample results.
Verified Comment Field	This field contains information regarding the media scientist review of field sampling, analytical, or other factors that may affect the useability of the data.

Appendix E

Water Level Trends and Hydrographs Expected Conditions Evaluation and Analyte Concentration Trends

Perched Aquifer Water Level Expected Conditions, Trends, and Hydrographs

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Perched Water Level Trending Results Vs. Expected Conditions

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design (2019)	Historic WL Trend	Recent WL Trend
Zone 11	1114-MW4	UM	Trend/Compare to GWPS			
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	Increasing
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS			
Burning Ground	PTX01-1002	UM	Compare to GWPS			
Burning Ground	PTX01-1004	PS	Dry	Remain dry	Dry	Dry
Burning Ground	PTX01-1008	UM	Compare to GWPS			
Burning Ground	PTX01-1009	PS	Dry	Remain dry	Increasing	Increasing
Miscellaneous	PTX04-1001	UM	Trend/Compare to GWPS			
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS			
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS			
Southeast	PTX06-1010	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS			
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS			
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	No Trend	Increasing
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS			
Southeast	PTX06-1036	PS	Trend/Compare to GWPS			
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1045	RAE	Water Level Trend/Compare to GWPS	Limited Water	Increasing	Increasing
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS			
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS			
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	No Trend	No Trend
Southeast	PTX06-1051	PS	Dry	Remain dry	Increasing	No Trend
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS			
Southeast	PTX06-1069	PS	Trend/Compare to GWPS			
Miscellaneous	PTX06-1071	UM	Compare to GWPS			
Zone 11	PTX06-1073A	UM	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Dry
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS			
Miscellaneous	PTX06-1080	UM	Compare to GWPS			
Miscellaneous	PTX06-1081	UM	Trend/Compare to GWPS			
Miscellaneous	PTX06-1082	UM	Compare to GWPS			

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design (2019)	Historic WL Trend	Recent WL Trend
Miscellaneous	PTX06-1083	UM	Trend/Compare to GWPS			
Miscellaneous	PTX06-1085	UM	Compare to GWPS			
Miscellaneous	PTX06-1086	UM	Compare to GWPS			
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
Southeast	PTX06-1089	PS	Dry	Remain dry	No Trend	No Trend
Southeast	PTX06-1090	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1091	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1093	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Miscellaneous	PTX06-1097	PS, UM	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1100	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Dry
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Increasing
Southeast	PTX06-1121	PS	Dry	Remain dry	Decreasing	No Trend
Southeast	PTX06-1122	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1125	PS	Dry	Remain dry	Dry	Dry
Zone 11	PTX06-1126	PS, UM	Trend/Compare to GWPS			
Zone 11	PTX06-1127	PS, UM	Trend/Compare to GWPS			
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Dry
Miscellaneous	PTX06-1131	UM	Compare to GWPS			
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Limited Water	No Trend	Decreasing
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS			
Southeast	PTX06-1135	PS	Trend/Compare to GWPS			
North	PTX06-1136	PS	Trend/Compare to GWPS			
Southeast	PTX06-1146	PS	Trend/Compare to GWPS			
Southeast	PTX06-1147	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS			
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Decreasing
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS			
Southeast	PTX06-1166	PS	Trend/Compare to GWPS			
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS			
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O06	PS, UM, RAE	Trend/Compare to GWPS			
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS			

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design (2019)	Historic WL Trend	Recent WL Trend
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS			
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS			
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS			
Miscellaneous	PTX07-1Q03	UM	Compare to GWPS			
Miscellaneous	PTX07-1R03	UM	Compare to GWPS			
Southeast	PTX08-1001	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	Increasing
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	No Trend
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS			
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS			
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Miscellaneous	PTX08-1010	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX10-1014	UM	Trend/Compare to GWPS			
Southeast	PTX06-1184	PS	Dry	Remain dry	Decreasing	Decreasing
Southeast	PTX06-1193	PS	Dry	Remain dry	Decreasing	Dry

UM = Uncertainty Management

PS = Plume Stability

RAE = Response Action Effectiveness

WL = Water Level

Historic Trend = Since start of remedial action

Recent Trend = Last 4 measurements

Dry* - water level measured in sump

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	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
1114-MW4	636151.93	3757809.40	89	-0.02	No Trend	0.94	6	0.05	No Trend	0.2	53	-0.17	Decreasing	-2.15	18	-0.05	No Trend	-0.3
OW-WR-38	640649.01	3765214.16	109	-0.46	Decreasing	-2.35	6	0.48	Increasing	1.4	45	0.43	Increasing	6.54	17	1.84	Increasing	7.4
OW-WR-45	639452.38	3759812.49	60	-0.32	Decreasing	-3.46	4	0.21	Increasing	0.6	29	-0.03	No Trend	-1.27	10	0.92	Increasing	4
PTX01-1001	630592.95	3769641.90	115	0.41	Increasing	12.2	6	0.88	Increasing	1.3	54	0.42	Increasing	6.55	18	0.89	Increasing	4.2
PTX01-1004	630729.82	3770768.71	0	0.00	N/A (No Measurements)	-999	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	631056.66	3770526.50	0	0.00	N/A (No Measurements)	-999	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	630918.03	3771315.45	4	0.01	No Trend	0	0	0.00	N/A (No Measurements)	-999	4	0.01	No Trend	0	3	-0.04	No Trend	-0.1
PTX01-1008	629942.97	3770782.89	85	0.14	Increasing	0.62	6	-1.33	Decreasing	-2	55	0.31	Increasing	1.24	18	0.32	Increasing	1.5
PTX01-1009	630594.67	3769018.50	10	0.78	Increasing	4.1	4	0.85	Increasing	1.3	10	0.78	Increasing	4.1	6	0.89	Increasing	2.9
PTX01-1014A	629343.00	3769206.80	9	0.03	No Trend	0.67	2	0.00	N/A (<3 Measurements)	0.4	2	0.00	N/A (<3 Measurements)	0.4	0	0.00	N/A (No Measurements)	-999
PTX04-1001	641458.10	3772334.66	50	-0.03	No Trend	0.43	0	0.00	N/A (No Measurements)	-999	27	0.05	No Trend	0.34	9	0.19	Increasing	0.5
PTX04-1002	641818.01	3772165.27	77	0.00	No Trend	0.44	4	-0.02	No Trend	0	40	0.08	No Trend	0.38	14	0.14	Increasing	0.5
PTX06-1002A	641161.56	3759984.00	89	-0.48	Decreasing	-6.09	6	0.64	Increasing	1.1	55	-0.21	Decreasing	-3.04	19	0.71	Increasing	3.3
PTX06-1003	641498.93	3758711.05	62	-0.41	Decreasing	-6.03	4	0.31	Increasing	0.4	33	-0.35	Decreasing	-5.05	10	-0.11	Decreasing	0
PTX06-1005	640545.44	3756139.87	94	-0.49	Decreasing	-10.59	8	-0.31	Decreasing	-1	60	-0.62	Decreasing	-8.56	21	0.00	No Trend	-0.3
PTX06-1006	637450.19	3757599.75	70	-0.09	No Trend	-0.59	6	0.06	No Trend	0.2	43	-0.21	Decreasing	-2.59	14	0.04	No Trend	-0.1
PTX06-1007	637679.37	3759513.00	71	-0.12	Decreasing	-0.21	6	0.24	Increasing	0.5	44	-0.20	Decreasing	-2.76	15	0.11	Increasing	0.4
PTX06-1008	639441.93	3759325.25	67	-0.28	Decreasing	-2.76	5	0.35	Increasing	0.6	43	-0.07	No Trend	-1.82	15	0.46	Increasing	2
PTX06-1009	639878.05	3758698.67	33	-0.11	Decreasing	-0.95	4	-0.12	Decreasing	-0.2	20	-0.06	No Trend	-0.99	8	-0.02	No Trend	0
PTX06-1010	639886.62	3758067.00	82	0.16	Increasing	5.75	6	0.30	Increasing	0.8	54	-0.01	No Trend	1.09	17	-0.24	Decreasing	-1.1
PTX06-1011	639178.93	3757219.75	73	-0.27	Decreasing	-4.19	6	0.35	Increasing	0.5	45	-0.34	Decreasing	-4.28	16	0.06	No Trend	0
PTX06-1012	634640.91	3755068.80	117	0.14	Increasing	4.13	8	0.00	No Trend	0.05	77	0.09	No Trend	1.8	27	0.12	Increasing	0.47
PTX06-1013	643710.38	3764075.09	82	-0.09	No Trend	0.57	6	0.19	Increasing	0.3	48	-0.08	No Trend	-0.77	15	0.07	No Trend	0.3
PTX06-1014	643758.88	3755125.71	79	-0.38	Decreasing	-7.43	8	-0.47	Decreasing	-0.7	46	-0.38	Decreasing	-5.45	15	0.06	No Trend	-0.2
PTX06-1015	643765.00	3753617.00	94	-0.26	Decreasing	-5.65	5	-0.02	No Trend	0	54	-0.55	Decreasing	-6.39	19	-0.92	Decreasing	-3.7
PTX06-1017	643757.50	3755165.80	40	-0.42	Decreasing	-7.8	4	-0.44	Decreasing	-0.7	27	-0.39	Decreasing	-5.59	8	0.11	Increasing	0.1
PTX06-1023	642773.84	3764603.10	90	-0.24	Decreasing	-4.06	6	0.13	Increasing	0.4	55	-0.17	Decreasing	-1.68	18	0.03	No Trend	0
PTX06-1030	644670.42	3755008.03	75	-0.35	Decreasing	-11.08	0	0.00	N/A (No Measurements)	-999	36	-0.77	Decreasing	-9.75	5	-7.27	Decreasing	-5.8
PTX06-1031	644674.92	3753348.03	100	-0.26	Decreasing	-5.87	9	-0.60	Decreasing	-0.9	61	-0.51	Decreasing	-6.65	22	-0.55	Decreasing	-2.4
PTX06-1034	646555.62	3752434.98	97	-0.06	No Trend	-1.54	8	-0.61	Decreasing	-1.1	61	-0.18	Decreasing	-3.02	21	-0.17	Decreasing	-0.7
PTX06-1035	633027.45	3755092.64	94	0.25	Increasing	8.04	10	0.12	Increasing	0.1	61	0.21	Increasing	2.74	21	0.26	Increasing	1.1
PTX06-1036	638615.43	3752455.56	73	-0.19	Decreasing	-2.57	4	-0.21	Decreasing	-0.2	39	-0.28	Decreasing	-3.33	13	0.02	No Trend	0.4
PTX06-1037	641549.25	3752194.06	102	-0.05	No Trend	0.36	8	-0.16	Decreasing	0.08	76	-0.14	Decreasing	-1.06	26	0.10	Increasing	0.1
PTX06-1038	643802.04	3760426.35	94	-0.36	Decreasing	-6.05	6	0.07	No Trend	0.6	59	-0.26	Decreasing	-3.3	19	0.09	No Trend	0.5
PTX06-1039A	643807.47	3759272.56	88	-0.65	Decreasing	-10.53	6	0.55	Increasing	0.8	58	-0.56	Decreasing	-6.95	18	-0.07	No Trend	0.3
PTX06-1040	643811.23	3758262.93	97	-0.95	Decreasing	-18.94	8	-0.68	Decreasing	-0.6	61	-1.02	Decreasing	-16.25	20	-0.42	Decreasing	-2.1
PTX06-1041	643803.61	3757622.78	92	-0.96	Decreasing	-18.74	10	-0.94	Decreasing	-0.8	63	-0.93	Decreasing	-14.5	20	-0.40	Decreasing	-2
PTX06-1042	643812.20	3755779.88	93	-0.55	Decreasing	-10.56	8	-0.67	Decreasing	-1.2	59	-0.55	Decreasing	-8.56	20	-0.03	No Trend	-0.6
PTX06-1045	642697.65	3752300.00	56	0.16	Increasing	5.89	6	0.83	Increasing	2.2	29	0.36	Increasing	6.05	14	1.17	Increasing	4.4
PTX06-1046	643802.63	3752292.55	94	-0.13	Decreasing	-0.33	8	0.17	Increasing	0.5	60	-0.16	Decreasing	-1.35	20	0.47	Increasing	1.3
PTX06-1047A	643817.46	3752004.39	88	-0.11	Decreasing	-0.1	8	0.17	Increasing	0.4	59	-0.14	Decreasing	-1.09	19	0.73	Increasing	1.5
PTX06-1048A	642103.43	3766957.63	76	-0.12	Decreasing	-1.72	7	0.25	Increasing	0.5	45	0.01	No Trend	0.1	15	0.31	Increasing	1.2
PTX06-1049	633343.53	3763376.96	78	0.13	Increasing	5.29	6	-0.03	No Trend	-0.2	55	-0.08	No Trend	-0.59	19	-0.07	No Trend	-0.3
PTX06-1050	636746.04	3766622.06	80	-0.31	Decreasing	-4.02	6	0.04	No Trend	0.1	54	-0.02	No Trend	-0.38	18	1.01	Increasing	4.2
PTX06-1051	640325.13	3752259.66	15	0.13	Increasing	2.2	4	0.04	No Trend	0.06	15	0.13	Increasing	2.2	9	-0.02	No Trend	-0.1
PTX06-1052	639100.91	3753957.66	98	-0.26	Decreasing	-4.55	13	-0.31	Decreasing	-0.6	64	-0.20	Decreasing	-3.31	20	0.10	No Trend	-0.6
PTX06-1053	636576.74	3753672.06	87	-0.07	No Trend	-0.92	6	-0.02	No Trend	0	54	-0.11	Decreasing	-1.57	18	-0.18	Decreasing	-0.7
PTX06-1055	633521.90	3767254.87	0	0.00	N/A (No Measurements)	-999	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	646317.00	3762879.60	74	-0.01	No Trend	-0.82	6	-0.39	Decreasing	-0.4	43	-0.03	No Trend	-1.15	15	-0.10	Decreasing	-0.4
PTX06-1071	642605.58	3773227.97	52	-0.04	No Trend	0.01	4	0.02	No Trend	0.1	32	0.05	No Trend	0.3	11	0.15	Increasing	0.6
PTX06-1073A	634963.34	3758072.00	33	-0.27	Decreasing	-3.88	0	0.00	N/A (No Measurements)	-999	24	-0.25	Decreasing	-0.6	5	-0.50	Decreasing	-0.3
PTX06-1077A	637201.80	3760689.50	67	-0.20	Decreasing	-1.83	6	0.20	Increasing	0.3	45	-0.20	Decreasing	-2.41	15	0.22	Increasing	0.7
PTX06-1078	641970.98	3769605.98	0	0.00	N/A (No Measurements)	-999	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	639813.24	3770913.67	12	-0.05	No Trend	-4.7	3	-4.78	Decreasing	-4.7	12	-0.05	No Trend	-4.7	9	0.71	Increasing	0.2
PTX06-1080	638901.00	3772643.95	60	-0.29	Decreasing	-2.79	4	0.67	Increasing	1	31	-0.29	Decreasing	-2.79	10	0.02	No Trend	0.1
PTX06-1081	641222.41	3770912.33	68	0.22	Increasing	2.73	4	-0.36	Decreasing	-0.5	39	0.31	Increasing	1.64	13	0.12	Increasing	0.3
PTX06-1082	653856.27	3780321.59	54	-0.09	No Trend	-2.34	3	0.23	Increasing	0.3	33	0.03	No Trend	0.35	11	-0.14	Decreasing	-0.8
PTX06-1083	658643.46	3779777.76	54	-0.23	Decreasing	-3.59	3	0.10	No Trend	0.2	33	-0.08	No Trend	-1.25	11	0.15	Increasing	0.7
PTX06-1084	659419.37	3782470.36	34	0.70	Increasing	6.27	3	-2.02	Decreasing	-2.9	23	1.19	Increasing	10.82	10	0.95	Increasing	5.3
PTX06-1085	629059.82	3760418.31	59	0.47	Increasing	7.65	4	-0.22	Decreasing	-0.3	42	0.44	Increasing	5.25	15	-0.07	No Trend	-0.4
PTX06-1086	631411.81	3759843.32	63	0.40	Increasing	8.97	4	0.62	Increasing	1.1	42	0.35	Increasing	4.72	15	0.07	No Trend	0.99
PTX06-1087	630732.20	3762042.29	46	0.52	Increasing	6.78	4	-1.02	Decreasing	-1.4	29	0.44	Increasing	4.68	10	-0.34	Decreasing	-0.3
PTX06-1088	639902.10	3757059.42	82	-0.56	Decreasing	-9.69	8	0.01	No Trend	-0.2	58	-0.49	Decreasing	-7.04	20	0.01	No Trend	0.3
PTX06-1089	646637.32	3760258.95	24	-0.01	No Trend	-0.1	4	-0.04	No Trend	0	24	-0.01	No Trend	-0.1	9	0.00	No Trend	0
PTX06-1090	647727.51	3757684.39	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1091	646554.01	3756363.40	0	0.00	N/A (No Measurements)	-999	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	645529.01	3759922.32	0	0.00	N/A (No Measurements)	-999	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	643813.77	3751494.55	0	0.00	N/A (No Measurements)	-999	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	640634.87	3755598.65	70	-0.62	Decreasing	-10.9	8	-0.72	Decreasing	-1.1	59	-0.57	Decreasing	-8.9	20	-0.14	Decreasing	-0.5
PTX06-1096A	630823.57	3766548.35	0	0.00	N/A (No Measurements)	-999	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	633104.35	3765068.63	0	0.00	N/A (No Measurements)	-999	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	640266.14	3753628.43	53	-0.19	Decreasing	-3.75	6	-0.01	No Trend	-0.15	52	-0.18	Decreasing	-1.65	17	0.18	Increasing	0.17
PTX06-1100	640285.97	3753579.52	48	-0.25	Decreasing	-4.26	6	-0.03	No Trend	-0.28	44	-0.23	Decreasing	-2.32	15	0.06	No Trend	-0.17
PTX06-1101	640383.57	3753437.09	45	-0.22	Decreasing	-3.83	6	-0.01	No Trend	-0.2	44	-0.21	Decreasing	-2.12	15	0.05	No Trend	-0.16

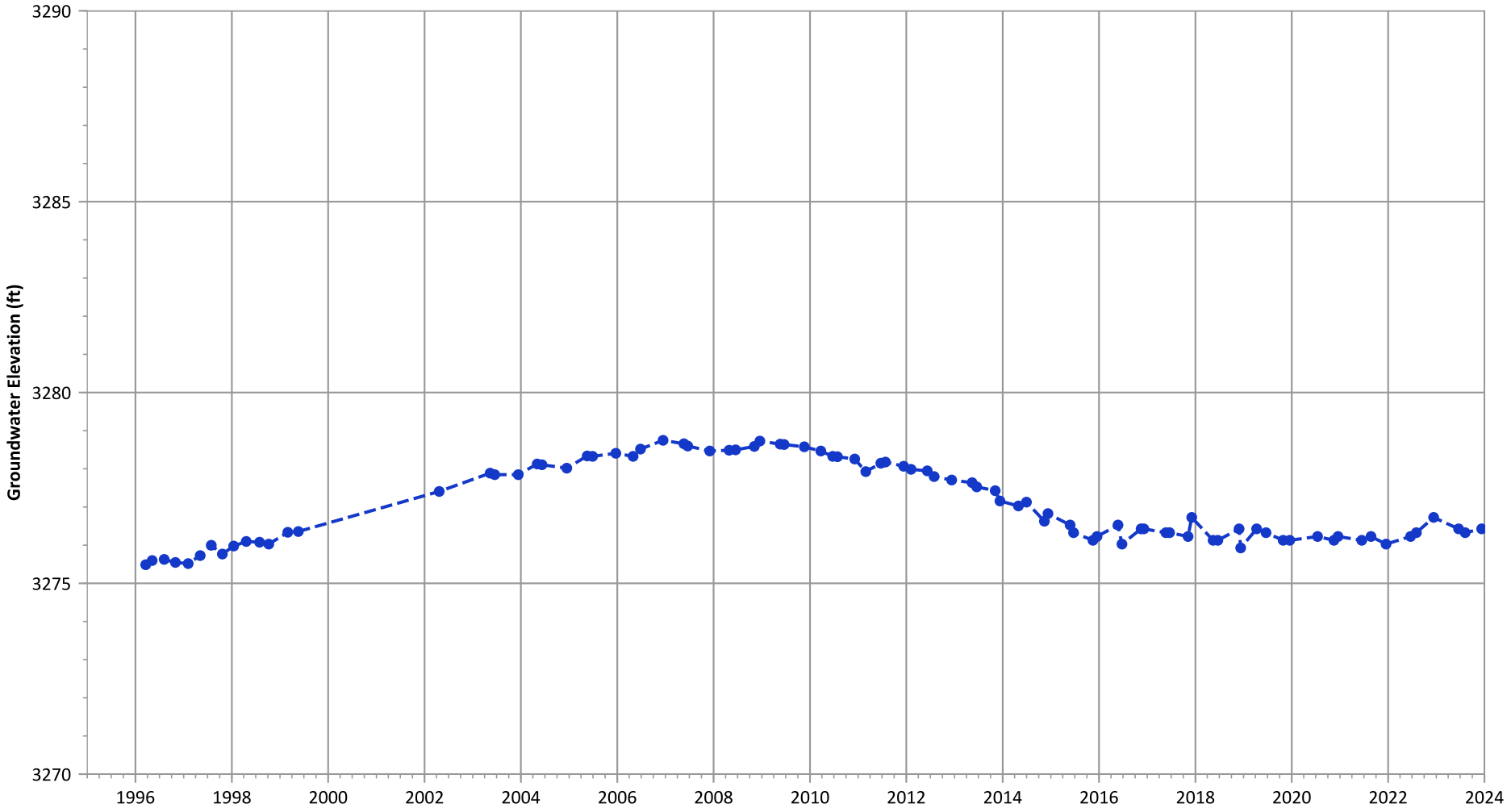
Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX06-1102	642751.09	3754532.94	53	-0.64	Decreasing	-10.24	3	-0.10	Decreasing	-0.1	33	-0.68	Decreasing	-8.69	7	-0.09	No Trend	-0.4
PTX06-1103	641222.64	3752963.37	9	-7.90	Decreasing	-22.6	0	0.00	N/A (No Measurements)	-999	3	-27.43	Decreasing	-10.19	0	0.00	N/A (No Measurements)	-999
PTX06-1109	640749.00	3763102.00	34	0.26	Increasing	1.26	4	0.86	Increasing	1.5	29	0.87	Increasing	7.71	10	3.30	Increasing	14.2
PTX06-1110	640699.00	3763001.00	34	0.27	Increasing	0.62	4	0.86	Increasing	1.5	29	0.92	Increasing	8.34	10	3.40	Increasing	14.7
PTX06-1112	638235.00	3765426.00	34	0.35	Increasing	4.05	4	2.09	Increasing	3.7	29	0.73	Increasing	6.54	10	1.92	Increasing	11.3
PTX06-1113	638140.00	3765401.00	34	0.37	Increasing	3.94	4	2.03	Increasing	3.6	29	0.78	Increasing	7.14	10	2.11	Increasing	11.9
PTX06-1115	638225.00	3763257.00	34	0.15	Increasing	4.52	4	1.95	Increasing	3.4	29	0.52	Increasing	6.17	10	2.43	Increasing	10.4
PTX06-1116	638158.00	3763190.00	34	0.10	Increasing	3.19	4	1.61	Increasing	2.8	29	0.46	Increasing	5.05	10	2.40	Increasing	9.8
PTX06-1117	638183.43	3763280.80	29	-0.19	Decreasing	-1.55	0	0.00	N/A (No Measurements)	-999	24	0.23	Increasing	2.36	10	2.70	Increasing	6
PTX06-1118	641644.92	3752736.07	33	-0.39	Decreasing	-4.81	0	0.00	N/A (No Measurements)	-999	25	-0.10	No Trend	-2.08	1	0.00	N/A (<3 Measurements)	0
PTX06-1119	642646.10	3752739.01	0	0.00	N/A (No Measurements)	-999	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	643152.43	3752735.03	53	-0.19	Decreasing	-1.48	6	0.34	Increasing	0.4	50	-0.18	Decreasing	-1.22	16	0.49	Increasing	1
PTX06-1121	643645.57	3752750.09	39	-0.14	Decreasing	-1.65	4	-0.04	No Trend	0	36	-0.12	Decreasing	-1.41	3	0.20	Increasing	0.2
PTX06-1122	640677.35	3752308.74	0	0.00	N/A (No Measurements)	-999	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	642051.96	3752319.94	85	-0.17	Decreasing	-3.05	7	-0.13	Decreasing	0.2	77	-0.17	Decreasing	-1.54	25	0.10	Increasing	0.06
PTX06-1125	643377.53	3752331.14	0	0.00	N/A (No Measurements)	-999	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	635034.72	3755562.85	72	0.04	No Trend	0.49	8	0.12	Increasing	0.3	62	0.03	No Trend	0.27	22	-0.05	No Trend	0
PTX06-1127	635901.90	3755432.03	69	-0.05	No Trend	-0.78	8	0.01	No Trend	0.1	59	-0.04	No Trend	-0.91	21	-0.02	No Trend	0.1
PTX06-1128	641330.75	3763667.42	38	0.11	Increasing	2.39	4	0.89	Increasing	1.5	33	0.47	Increasing	5.07	14	2.62	Increasing	9.6
PTX06-1129	641514.86	3762986.22	34	0.00	No Trend	-1.06	4	0.30	Increasing	0.5	29	0.40	Increasing	3.4	10	1.93	Increasing	6.8
PTX06-1130	644270.36	3759745.02	26	-1.74	Decreasing	-18.86	0	0.00	N/A (No Measurements)	-999	24	-1.82	Decreasing	-17.79	0	0.00	N/A (No Measurements)	-999
PTX06-1131	629371.68	3754232.91	52	0.29	Increasing	3.73	7	0.07	No Trend	0.1	50	0.28	Increasing	3.56	15	0.24	Increasing	1
PTX06-1133A	645287.37	3751315.73	50	-0.08	No Trend	-3.96	8	-0.21	Decreasing	-0.3	50	-0.08	No Trend	-3.96	20	-0.28	Decreasing	-2.7
PTX06-1134	633520.06	3754409.17	60	0.16	Increasing	2.06	8	0.00	No Trend	0.1	59	0.16	Increasing	2.26	21	0.17	Increasing	0.7
PTX06-1135	638343.76	3753631.93	43	-0.17	Decreasing	-3.26	4	-0.48	Decreasing	-0.8	41	-0.16	Decreasing	-2.82	7	0.02	No Trend	-0.1
PTX06-1136	634860.83	3766771.76	30	-2.10	Decreasing	-17.22	1	0.00	No Trend	0	28	-2.14	Decreasing	-17.14	0	0.00	N/A (No Measurements)	-999
PTX06-1146	645978.91	3757691.87	61	-0.72	Decreasing	-10.15	8	-0.72	Decreasing	-1.3	59	-0.72	Decreasing	-10.08	21	-0.65	Decreasing	-3.2
PTX06-1147	645431.85	3753953.21	61	-0.54	Decreasing	-7.7	8	-0.78	Decreasing	-0.9	59	-0.55	Decreasing	-7.66	21	-0.73	Decreasing	-2.9
PTX06-1148	636467.02	3754719.67	73	-0.10	Decreasing	-1.89	8	-0.05	No Trend	0.1	72	-0.10	No Trend	-1.54	28	-0.02	No Trend	-0.16
PTX06-1149	635864.13	3754717.64	71	-0.04	No Trend	-1.12	8	0.05	No Trend	0.15	70	-0.04	No Trend	-0.78	27	0.00	No Trend	0
PTX06-1150	635233.98	3754718.24	71	0.03	No Trend	-0.19	8	-0.06	No Trend	0.1	70	0.03	No Trend	0.14	26	0.05	No Trend	0.17
PTX06-1151	633935.95	3756123.62	64	0.19	Increasing	2.72	8	0.21	Increasing	0.6	61	0.20	Increasing	2.71	21	0.20	Increasing	0.9
PTX06-1153	641184.13	3752089.44	89	-0.17	Decreasing	-1.4	8	0.02	No Trend	0.2	89	-0.17	Decreasing	-1.4	37	0.04	No Trend	-0.05
PTX06-1154	641870.52	3752278.90	80	-0.15	Decreasing	-1.37	8	-0.03	No Trend	0.24	80	-0.15	Decreasing	-1.37	27	0.10	Increasing	0.01
PTX06-1155	634603.74	3755215.62	79	0.08	No Trend	1	8	-0.07	No Trend	-0.2	79	0.08	No Trend	1	27	0.12	Increasing	0.45
PTX06-1156	636378.92	3755076.47	79	-0.10	Decreasing	-1.51	8	-0.07	No Trend	-0.34	79	-0.10	Decreasing	-1.51	27	0.01	No Trend	-0.01
PTX06-1158	648137.99	3752025.93	6	-0.62	Decreasing	-2.1	4	-1.13	Decreasing	-1.8	6	-0.62	Decreasing	-2.1	2	0.00	N/A (<3 Measurements)	-0.1
PTX06-1159	634015.04	3754843.47	47	0.14	Increasing	1.27	10	0.06	No Trend	0.1	47	0.14	Increasing	1.27	20	0.18	Increasing	0.8
PTX06-1160	632835.73	3756274.13	47	0.29	Increasing	2.78	9	0.33	Increasing	0.6	47	0.29	Increasing	2.78	21	0.34	Increasing	1.6
PTX06-1162	635229.63	3756305.08	0	0.00	N/A (No Measurements)	-999	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	633987.48	3755722.37	61	0.12	Increasing	1.3	8	0.01	No Trend	0.2	61	0.12	Increasing	1.3	43	0.17	Increasing	0.78
PTX06-1166	639750.34	3752799.74	44	-0.17	Decreasing	-2.31	9	-0.04	No Trend	-0.1	44	-0.17	Decreasing	-2.31	18	-0.10	No Trend	-0.7
PTX06-1167	640913.72	3752653.00	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	0	0.00	N/A (No Measurements)	-999
PTX06-1168	642128.78	3755035.31	17	-0.17	Decreasing	-2.3	4	-0.28	Decreasing	-0.4	17	-0.17	Decreasing	-2.3	10	0.00	No Trend	-0.7
PTX06-1169	634889.61	3755241.66	22	0.01	No Trend	-0.1	8	-0.07	No Trend	-0.17	22	0.01	No Trend	-0.1	10	0.06	No Trend	0.38
PTX06-1170	634569.69	3755442.71	50	0.05	No Trend	0.66	8	-0.35	Decreasing	-0.18	50	0.05	No Trend	0.66	28	0.11	Increasing	0.55
PTX06-1171	634373.95	3755715.08	26	0.08	No Trend	1	6	-0.02	No Trend	-0.1	26	0.08	No Trend	1	15	0.09	No Trend	0.3
PTX06-1172	634098.63	3755837.77	0	0.00	N/A (No Measurements)	-999	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	634197.62	3755312.40	35	0.08	No Trend	0.48	8	-0.11	Decreasing	0.11	35	0.08	No Trend	0.48	26	0.19	Increasing	0.8
PTX06-1174	633904.63	3755489.15	35	0.16	Increasing	1.05	8	0.14	Increasing	0.45	35	0.16	Increasing	1.05	26	0.25	Increasing	1.01
PTX06-1175	633416.97	3755651.06	36	0.22	Increasing	1.25	8	0.15	Increasing	0.2	36	0.22	Increasing	1.25	27	0.31	Increasing	1.27
PTX06-1176	634114.06	3755500.53	59	0.12	Increasing	1.4	8	0.00	No Trend	0.05	59	0.12	Increasing	1.4	42	0.16	Increasing	0.89
PTX06-1177	633524.62	3755818.55	60	0.22	Increasing	2.09	8	-0.03	No Trend	0.2	60	0.22	Increasing	2.09	43	0.27	Increasing	1.12
PTX06-1180	633474.07	3756487.93	27	0.24	Increasing	2.4	8	0.40	Increasing	0.9	27	0.24	Increasing	2.4	18	0.29	Increasing	1.7
PTX06-1181	633357.69	3756752.68	26	0.23	Increasing	2	8	0.49	Increasing	1	26	0.23	Increasing	2	17	0.27	Increasing	1.3
PTX06-1182	647140.17	3751088.49	32	-0.11	Decreasing	-1	8	-0.45	Decreasing	-0.6	32	-0.11	Decreasing	-1	22	0.02	No Trend	-0.2
PTX06-1183	639765.77	3753350.43	31	0.00	No Trend	-0.7	10	-0.03	No Trend	-0.2	31	0.00	No Trend	-0.7	20	0.04	No Trend	-0.2
PTX06-1184	646625.06	3750638.25	13	-0.21	Decreasing	-1.2	4	-0.49	Decreasing	-0.7	13	-0.21	Decreasing	-1.2	9	-0.11	Decreasing	-0.4
PTX06-1185	647878.41	3751139.83	26	-0.13	Decreasing	-0.4	8	-0.28	Decreasing	-0.5	26	-0.13	Decreasing	-0.4	18	-0.06	No Trend	0.3
PTX06-1188	640691.28	3752340.04	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1189	640322.51	3752711.44	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1190	648281.31	3751439.52	26	0.03	No Trend	0.1	8	-0.09	No Trend	-0.2	26	0.03	No Trend	0.1	18	0.14	Increasing	0.5
PTX06-1192	649119.32	3749893.14	24	0.05	No Trend	0.2	8	0.12	Increasing	0.3	24	0.05	No Trend	0.2	16	0.09	No Trend	0.8
PTX06-1193	646719.13	3749346.75	5	-0.34	Decreasing	-0.3	0	0.00	N/A (No Measurements)	-999	5	-0.34	Decreasing	-0.3	5	-0.34	Decreasing	-0.3
PTX06-1194	648355.41	3750477.77	25	0.02	No Trend	-0.2	8	-0.21	Decreasing	-0.45	25	0.02	No Trend	-0.2	17	0.10	Increasing	0.4
PTX06-1195	649096.79	3751968.74	24	0.08	No Trend	0.6	10	-0.04	No Trend	0.1	24	0.08	No Trend	0.6	14	0.15	Increasing	0.6
PTX06-1196	649710.26	3750989.94	23	0.12	Increasing	0.5	8	0.01	No Trend	0.15	23	0.12	Increasing	0.5	15	0.12	Increasing	0.4
PTX06-1197	649782.14	3750355.29	22	0.04	No Trend	0.2	8	-0.06	No Trend	-0.2	22	0.04	No Trend	0.2	14	0.05	No Trend	0.3
PTX06-1198	644481.36	3753953.55	13	-2.34	Decreasing	-11.8	4	-0.04	No Trend	0	13	-2.34	Decreasing	-11.8	9	-4.26	Decreasing	-11.7
PTX06-1199	650525.52	3750905.45	22	0.06	No Trend	0.3	8	-0.03	No Trend	0.1	22	0.06	No Trend	0.3	14	0.07	No Trend	0.2
PTX06-1200	651557.90	3749356.32	21	0.16	Increasing	3.2	8	-0.23	Decreasing	-0.4	21	0.16	Increasing	3.2	13	0.50	Increasing	3.5
PTX06-1201	650585.15	3749355.48	21	0.13	Increasing	2.1	8	-0.27	Decreasing	-0.5	21	0.13	Increasing	2.1	13	0.37	Increasing	2.6
PTX06-1202	651358.99	3750361.84	21	0.14	Increasing	1.8	8	-0.04	No Trend	0	21	0.14	Increasing	1.8	13	0.30	Increasing	2
PTX06-1203	650588.31	3749879.41	20	0.03	No Trend	-0.1	8	-0.16	Decreasing	-0.3	20	0.03	No Trend	-0.1	12	0.09	No Trend	0.2

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	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX06-1204	650997.75	3749051.98	21	-0.04	No Trend	-0.4	8	-0.25	Decreasing	-0.4	21	-0.04	No Trend	-0.4	13	0.06	No Trend	0.1
PTX06-1205	648801.56	3749894.03	8	-0.08	No Trend	-0.1	2	0.00	No Trend	0	8	-0.08	No Trend	-0.1	6	0.00	No Trend	0.2
PTX06-1206	641510.19	3753404.52	10	-0.04	No Trend	-0.1	4	-0.02	No Trend	0	10	-0.04	No Trend	-0.1	6	-0.03	No Trend	-0.1
PTX06-1207	632958.06	3754044.99	14	0.04	No Trend	0.1	8	-0.01	No Trend	0	14	0.04	No Trend	0.1	6	-0.11	Decreasing	-0.2
PTX06-1208	652081.58	3749472.60	13	0.35	Increasing	2.77	8	-0.22	Decreasing	-0.3	13	0.35	Increasing	2.77	5	1.90	Increasing	2.97
PTX06-1209	635261.07	3755063.54	10	-0.31	Decreasing	-1.1	9	-0.07	No Trend	-0.2	10	-0.31	Decreasing	-1.1	1	0.00	N/A (<3 Measurements)	0
PTX06-1210	635995.51	3755042.86	10	-0.47	Decreasing	-1.58	9	-0.08	No Trend	-0.15	10	-0.47	Decreasing	-1.58	1	0.00	N/A (<3 Measurements)	0
PTX06-1211	635358.50	3755297.21	9	0.00	No Trend	-0.2	8	0.13	Increasing	0.4	9	0.00	No Trend	-0.2	1	0.00	N/A (<3 Measurements)	0
PTX06-1212	640166.01	3753016.03	4	0.18	Increasing	0.3	4	0.18	Increasing	0.3	4	0.18	Increasing	0.3	0	0.00	N/A (No Measurements)	-999
PTX06-1213	647847.08	3750845.56	9	-0.48	Decreasing	-1.29	8	-0.38	Decreasing	-0.82	9	-0.48	Decreasing	-1.29	1	0.00	N/A (<3 Measurements)	0
PTX06-1214	648550.59	3751106.97	9	-0.31	Decreasing	-0.75	8	-0.25	Decreasing	-0.5	9	-0.31	Decreasing	-0.75	1	0.00	N/A (<3 Measurements)	0
PTX06-1215	651607.49	3748834.66	5	0.04	No Trend	0.03	5	0.04	No Trend	0.03	5	0.04	No Trend	0.03	0	0.00	N/A (No Measurements)	-999
PTX06-1216	649743.32	3749537.50	5	-1.48	Decreasing	-1.66	5	-1.48	Decreasing	-1.66	5	-1.48	Decreasing	-1.66	0	0.00	N/A (No Measurements)	-999
PTX06-1218	649667.96	3749890.07	5	-0.40	Decreasing	-0.4	5	-0.40	Decreasing	-0.4	5	-0.40	Decreasing	-0.4	0	0.00	N/A (No Measurements)	-999
PTX06-1219	650185.72	3750054.28	5	-0.36	Decreasing	-0.4	5	-0.36	Decreasing	-0.4	5	-0.36	Decreasing	-0.4	0	0.00	N/A (No Measurements)	-999
PTX06-1221	650875.74	3750521.45	3	-1.10	Decreasing	-0.5	3	-1.10	Decreasing	-0.5	3	-1.10	Decreasing	-0.5	0	0.00	N/A (No Measurements)	-999
PTX06-1230			61	0.00	No Trend	0	8	0.00	No Trend	0	61	0.00	No Trend	0	28	0.00	No Trend	0
PTX06-EW-26	642722.55	3756877.62	0	0.00	N/A (No Measurements)	-999	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	640774.48	3754777.14	0	0.00	N/A (No Measurements)	-999	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	640273.91	3754277.99	0	0.00	N/A (No Measurements)	-999	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	642324.51	3754867.48	0	0.00	N/A (No Measurements)	-999	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	638141.28	3765454.51	8	-2.39	Decreasing	-2.84	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-75	640751.11	3763004.67	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	0	0.00	N/A (No Measurements)	-999
PTX06-EW-83	644782.02	3753953.69	2	0.00	N/A (<3 Measurements)	-0.7	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.7	2	0.00	N/A (<3 Measurements)	-0.7
PTX06-EW-84	645082.73	3753954.16	2	0.00	N/A (<3 Measurements)	-0.4	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.4	2	0.00	N/A (<3 Measurements)	-0.4
PTX06-EW-85	645382.52	3753959.20	0	0.00	N/A (No Measurements)	-999	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-86	645482.05	3753946.07	0	0.00	N/A (No Measurements)	-999	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-87	645782.09	3753953.71	0	0.00	N/A (No Measurements)	-999	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-88	646083.18	3753954.30	2	0.00	N/A (<3 Measurements)	3.1	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	3.1	2	0.00	N/A (<3 Measurements)	3.1
PTX06-ISB010	640805.43	3752335.36	13	-0.05	No Trend	-1.7	4	-0.36	Decreasing	-0.72	13	-0.05	No Trend	-1.7	8	0.42	Increasing	1.17
PTX06-ISB011	640901.34	3752364.37	17	-0.25	Decreasing	-4.49	4	-0.53	Decreasing	-0.8	15	-0.17	Decreasing	-2.34	8	0.54	Increasing	0.8
PTX06-ISB012	640997.33	3752392.85	16	-0.13	Decreasing	-2.05	4	-0.17	Decreasing	-0.25	16	-0.13	Decreasing	-2.05	8	0.87	Increasing	2.77
PTX06-ISB013	641094.48	3752437.36	15	-0.01	No Trend	-0.2	4	-0.05	No Trend	-0.11	15	-0.01	No Trend	-0.2	9	-0.02	No Trend	-0.17
PTX06-ISB014	641188.34	3752451.45	74	-0.32	Decreasing	-2.81	4	0.54	Increasing	0.04	67	-0.35	Decreasing	0.22	20	0.16	Increasing	2.93
PTX06-ISB015	641282.85	3752478.49	14	-0.40	Decreasing	-5.35	4	0.00	No Trend	-0.05	14	-0.40	Decreasing	-5.35	8	0.70	Increasing	2.9
PTX06-ISB016	641379.46	3752509.22	15	-0.02	No Trend	-0.7	4	-0.16	Decreasing	-0.27	14	-0.02	No Trend	-0.32	8	0.00	No Trend	-0.13
PTX06-ISB017	641476.26	3752538.73	7	-0.40	Decreasing	-2.2	3	-2.93	Decreasing	-2.9	7	-0.40	Decreasing	-2.2	4	-1.96	Decreasing	-3
PTX06-ISB018	641570.69	3752567.95	15	-0.37	Decreasing	-7.95	4	-3.72	Decreasing	-5.83	13	0.31	Increasing	0.34	9	0.13	Increasing	0.49
PTX06-ISB019	641666.28	3752597.62	73	-0.98	Decreasing	-11.35	4	-6.52	Decreasing	-10.77	66	-1.00	Decreasing	-10.2	21	0.63	Increasing	7.98
PTX06-ISB020	641762.34	3752625.80	11	0.08	No Trend	-4.25	3	-3.80	Decreasing	-3.75	11	0.08	No Trend	-4.25	8	0.74	Increasing	0.09
PTX06-ISB021	641857.77	3752657.45	22	-0.38	Decreasing	-9.75	8	-3.31	Decreasing	-3.5	20	-0.68	Decreasing	-5.8	12	0.08	No Trend	-0.23
PTX06-ISB022	641955.44	3752684.48	10	1.55	Increasing	3.46	1	0.00	No Trend	0	10	1.55	Increasing	3.46	9	1.96	Increasing	5.71
PTX06-ISB023A	642048.63	3752724.53	13	0.40	Increasing	0.48	4	-5.24	Decreasing	-8.68	13	0.40	Increasing	0.48	9	0.08	No Trend	0.63
PTX06-ISB024	642144.65	3752737.70	39	-0.37	Decreasing	-1.93	1	0.00	No Trend	0	37	-0.47	Decreasing	-1.45	10	-2.34	Decreasing	-4.1
PTX06-ISB025	642241.84	3752770.49	13	0.01	No Trend	0.04	4	-0.02	No Trend	-0.04	13	0.01	No Trend	0.04	9	0.01	No Trend	0.07
PTX06-ISB026	642336.93	3752798.27	15	-0.37	Decreasing	-9.13	4	-0.17	Decreasing	-0.04	13	0.07	No Trend	0.07	9	0.04	No Trend	0.13
PTX06-ISB027	642431.36	3752828.68	11	0.02	No Trend	0.06	2	-0.04	No Trend	-0.02	11	0.02	No Trend	0.06	9	0.02	No Trend	0.07
PTX06-ISB028	642527.37	3752858.27	0	0.00	N/A (No Measurements)	-999	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-ISB029A	640994.88	3752253.46	14	-0.34	Decreasing	-4.06	4	0.14	Increasing	0.15	13	-0.12	Decreasing	-3.95	8	0.35	Increasing	2.34
PTX06-ISB030B	641094.72	3752286.25	79	-0.08	No Trend	-1.4	8	-0.05	No Trend	-0.15	73	-0.06	No Trend	0.95	24	0.26	Increasing	0.71
PTX06-ISB031	641176.52	3752313.22	12	-0.24	Decreasing	-4.5	4	-0.17	Decreasing	-0.27	9	-0.25	Decreasing	-2.98	4	-0.33	Decreasing	-0.45
PTX06-ISB032	641277.51	3752351.41	10	0.02	No Trend	-0.3	4	-0.15	Decreasing	-0.32	9	-0.05	No Trend	-0.7	5	0.48	Increasing	1.4
PTX06-ISB033	641370.09	3752378.35	8	0.08	No Trend	0.71	0	0.00	N/A (No Measurements)	-999	8	0.08	No Trend	0.71	8	0.08	No Trend	0.71
PTX06-ISB034	641467.88	3752407.71	9	-0.05	No Trend	2.69	0	0.00	N/A (No Measurements)	-999	8	0.61	Increasing	4.74	8	0.61	Increasing	4.74
PTX06-ISB035	641563.65	3752435.15	12	0.02	No Trend	-1.6	3	-5.47	Decreasing	-5.35	11	0.12	Increasing	-1.13	8	0.56	Increasing	1.57
PTX06-ISB036	641657.73	3752465.76	34	-0.24	Decreasing	-8.38	1	0.00	N/A (<3 Measurements)	0	25	-0.26	Decreasing	-5.95	8	0.11	Increasing	0.23
PTX06-ISB037	641753.03	3752494.63	10	-0.11	Decreasing	-0.3	2	0.00	N/A (<3 Measurements)	-0.6	10	-0.11	Decreasing	-0.3	8	-0.32	Decreasing	-0.8
PTX06-ISB038	641850.23	3752524.17	81	-0.22	Decreasing	-4.8	7	-0.74	Decreasing	-1.35	72	-0.23	Decreasing	-2.5	24	0.01	No Trend	-0.39
PTX06-ISB039	641945.73	3752552.70	11	-0.06	No Trend	-0.53	3	-0.27	Decreasing	-0.27	11	-0.06	No Trend	-0.53	8	0.04	No Trend	-0.03
PTX06-ISB040	642035.47	3752578.67	13	-0.09	No Trend	-2.1	4	-1.03	Decreasing	-1.56	12	0.08	No Trend	-0.15	8	0.03	No Trend	0.02
PTX06-ISB041	642136.52	3752608.90	12	0.14	Increasing	0.07	4	-1.03	Decreasing	-1.58	12	0.14	Increasing	0.07	8	0.06	No Trend	0.17
PTX06-ISB042	642233.39	3752640.96	82	-0.50	Decreasing	-8.98	9	-2.39	Decreasing	0.87	74	-0.50	Decreasing	-6.37	25	0.43	Increasing	-5.72
PTX06-ISB043	642329.34	3752670.29	13	0.01	No Trend	0	4	-0.05	No Trend	-0.1	13	0.01	No Trend	0	9	0.02	No Trend	0.1
PTX06-ISB044A	641891.24	3752479.24	12	0.17	Increasing	-0.7	4	-1.60	Decreasing	-2.18	12	0.17	Increasing	-0.7	8	0.29	Increasing	0.48
PTX06-ISB045	642521.05	3752726.81	14	0.00	No Trend	2.05	4	2.63	Increasing	4.33	13	0.46	Increasing	4.66	9	0.70	Increasing	4.81
PTX06-ISB046	641939.34	3752422.69	81	-0.19	Decreasing	-1.1	8	0.17	Increasing	0.6	72	-0.21	Decreasing	-1.05	24	-0.28	Decreasing	-0.98
PTX06-ISB047	642035.50	3752450.45	11	0.04	No Trend	0.11	3	-0.28	Decreasing	-0.27	11	0.04	No Trend	0.11	8	-0.11	Decreasing	0.23
PTX06-ISB048	642131.84	3752479.89	76	-0.17	Decreasing	-5.77	8	-3.40	Decreasing	-4.67	72	-0.21	Decreasing	-2.07	23	-0.17	Decreasing	-0.57
PTX06-ISB049	642227.63	3752509.10	15	-0.32	Decreasing	-8.25	4	-6.63	Decreasing	-8.89	13	0.57	Increasing	-0.03	9	0.02	No Trend	0.05
PTX06-ISB050	642323.05	3752537.46	13	-0.01	No Trend	-0.1	4	-0.13	Decreasing	-0.17	13	-0.01	No Trend	-0.1	9	0.03	No Trend	0.08
PTX06-ISB051	642419.78	3752567.70	1	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB055	636606.08	3755477.40	69	-0.05	No Trend	-0.87	8	0.37	Increasing	0.31	68	-0.05	No Trend	-0.45	21	-0.04	No Trend	-0.64
PTX06-ISB057	636381.76	3755371.18	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	0	0.00	N/A (No Measurements)	-999
PTX06-ISB058	636320.75	3755299.58	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999

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	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX06-ISB059	636234.22	3755246.12	70	-0.10	Decreasing	-2.17	8	-0.81	Decreasing	-0.9	69	-0.10	Decreasing	-1.39	23	0.00	No Trend	-0.33
PTX06-ISB060A	636136.74	3755200.44	0	0.00	N/A (No Measurements)	-999	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	636085.48	3755140.80	3	-0.12	Decreasing	-1.13	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0.11	2	0.00	N/A (<3 Measurements)	0.11
PTX06-ISB063	635886.33	3755141.05	56	-0.04	No Trend	-0.49	0	0.00	N/A (No Measurements)	-999	55	-0.04	No Trend	0.28	15	-0.05	No Trend	-0.32
PTX06-ISB064	635785.77	3755140.34	15	0.01	No Trend	-0.3	8	-0.17	Decreasing	-0.72	15	0.01	No Trend	-0.3	7	0.17	Increasing	0.42
PTX06-ISB065	635563.31	3755140.57	19	0.03	No Trend	-0.21	0	0.00	N/A (No Measurements)	-999	17	0.09	No Trend	-0.32	0	0.00	N/A (No Measurements)	-999
PTX06-ISB067	635364.80	3755140.76	0	0.00	N/A (No Measurements)	-999	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-ISB068	635263.93	3755181.61	7	0.09	No Trend	0.27	0	0.00	N/A (No Measurements)	-999	7	0.09	No Trend	0.27	7	0.09	No Trend	0.27
PTX06-ISB069A	635170.02	3755241.04	56	0.21	Increasing	0.53	0	0.00	N/A (No Measurements)	-999	55	0.22	Increasing	0.74	14	0.04	No Trend	0.15
PTX06-ISB071	634991.20	3755334.12	39	0.18	Increasing	4.07	0	0.00	N/A (No Measurements)	-999	38	0.23	Increasing	4.15	17	1.11	Increasing	4.55
PTX06-ISB073	634821.31	3755453.71	60	0.09	No Trend	0.96	0	0.00	N/A (No Measurements)	-999	59	0.08	No Trend	0.95	22	0.00	No Trend	0.36
PTX06-ISB074	634722.57	3755411.00	0	0.00	N/A (No Measurements)	-999	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	634797.19	3755342.67	19	0.17	Increasing	0.26	0	0.00	N/A (No Measurements)	-999	18	0.17	Increasing	-0.19	0	0.00	N/A (No Measurements)	-999
PTX06-ISB077	634942.76	3755207.57	55	-0.01	No Trend	0.97	0	0.00	N/A (No Measurements)	-999	54	-0.01	No Trend	0.84	17	-0.29	Decreasing	0.39
PTX06-ISB078	636919.77	3755377.85	8	0.07	No Trend	-0.08	0	0.00	N/A (No Measurements)	-999	8	0.07	No Trend	-0.08	0	0.00	N/A (No Measurements)	-999
PTX06-ISB083	634632.29	3755455.37	0	0.00	N/A (No Measurements)	-999	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	634585.86	3755544.14	0	0.00	N/A (No Measurements)	-999	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-ISB085A	634511.57	3755458.25	26	0.18	Increasing	0.68	0	0.00	N/A (No Measurements)	-999	26	0.18	Increasing	0.68	0	0.00	N/A (No Measurements)	-999
PTX06-ISB086	634452.91	3755531.59	0	0.00	N/A (No Measurements)	-999	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	633384.06	3755929.79	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999
PTX06-ISB132	633327.01	3755997.20	0	0.00	N/A (No Measurements)	-999	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-ISB133	633258.03	3756042.56	6	0.11	Increasing	0.34	3	0.19	Increasing	0.14	6	0.11	Increasing	0.34	3	0.20	Increasing	0.34
PTX06-ISB134	633217.07	3756119.70	0	0.00	N/A (No Measurements)	-999	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-ISB135	633150.44	3756170.97	8	0.17	Increasing	0.39	3	0.11	Increasing	0.09	8	0.17	Increasing	0.39	5	0.18	Increasing	0.35
PTX06-ISB136	633089.99	3756225.42	0	0.00	N/A (No Measurements)	-999	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-ISB137	633029.65	3756277.60	12	0.25	Increasing	1.1	7	0.36	Increasing	0.47	12	0.25	Increasing	1.1	5	0.17	Increasing	0.42
PTX06-ISB301	647400.94	3750677.17	4	0.59	Increasing	0.57	0	0.00	N/A (No Measurements)	-999	4	0.59	Increasing	0.57	4	0.59	Increasing	0.57
PTX06-ISB302	647471.65	3750705.36	23	-0.22	Decreasing	-1.3	8	-0.71	Decreasing	-1.47	23	-0.22	Decreasing	-1.3	15	0.13	Increasing	0.41
PTX06-ISB303	647541.96	3750731.23	3	0.32	Increasing	0.27	0	0.00	N/A (No Measurements)	-999	3	0.32	Increasing	0.27	3	0.32	Increasing	0.27
PTX06-ISB304	647612.02	3750757.59	0	0.00	N/A (No Measurements)	-999	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-ISB305	647682.57	3750783.88	11	-0.19	Decreasing	-1.6	4	-1.30	Decreasing	-1.68	11	-0.19	Decreasing	-1.6	7	0.13	Increasing	0.5
PTX06-ISB306	647753.08	3750810.07	0	0.00	N/A (No Measurements)	-999	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-ISB307	647823.09	3750836.66	20	-0.09	No Trend	-1.8	4	-2.09	Decreasing	-2.2	20	-0.09	No Trend	-1.8	16	0.16	Increasing	0.64
PTX06-ISB308	647894.07	3750862.53	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-ISB309	647964.07	3750888.51	3	0.30	Increasing	0.25	0	0.00	N/A (No Measurements)	-999	3	0.30	Increasing	0.25	3	0.30	Increasing	0.25
PTX06-ISB310	648034.69	3750914.87	0	0.00	N/A (No Measurements)	-999	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-ISB311	648105.30	3750940.93	3	0.24	Increasing	0.2	0	0.00	N/A (No Measurements)	-999	3	0.24	Increasing	0.2	3	0.24	Increasing	0.2
PTX06-ISB312	648175.64	3750967.12	13	-0.05	No Trend	0	7	-0.09	No Trend	-0.45	13	-0.05	No Trend	0	6	0.21	Increasing	0.83
PTX06-ISB313	648245.97	3750993.50	3	0.42	Increasing	0.35	0	0.00	N/A (No Measurements)	-999	3	0.42	Increasing	0.35	3	0.42	Increasing	0.35
PTX06-ISB314	648316.24	3751019.54	0	0.00	N/A (No Measurements)	-999	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-ISB315	648386.52	3751045.71	4	0.33	Increasing	0.3	0	0.00	N/A (No Measurements)	-999	4	0.33	Increasing	0.3	4	0.33	Increasing	0.3
PTX06-ISB316	648457.75	3751072.09	0	0.00	N/A (No Measurements)	-999	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-ISB317	648527.50	3751098.16	20	0.13	Increasing	0.29	4	-0.23	Decreasing	-0.19	20	0.13	Increasing	0.29	16	0.17	Increasing	0.89
PTX06-ISB318	648597.96	3751124.55	4	0.92	Increasing	0.57	0	0.00	N/A (No Measurements)	-999	4	0.92	Increasing	0.57	4	0.92	Increasing	0.57
PTX06-ISB319	648668.62	3751150.76	4	0.27	Increasing	0.32	0	0.00	N/A (No Measurements)	-999	4	0.27	Increasing	0.32	4	0.27	Increasing	0.32
PTX06-ISB320	648738.78	3751176.87	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-ISB321	648809.07	3751203.15	20	0.10	Increasing	0.42	4	0.09	No Trend	0.27	20	0.10	Increasing	0.42	16	0.17	Increasing	0.54
PTX06-ISB322	648879.71	3751229.17	0	0.00	N/A (No Measurements)	-999	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-ISB323	648950.08	3751255.41	4	0.14	Increasing	0.1	0	0.00	N/A (No Measurements)	-999	4	0.14	Increasing	0.1	4	0.14	Increasing	0.1
PTX06-ISB324	649020.47	3751282.05	10	0.07	No Trend	0.1	3	-0.30	Decreasing	-0.3	10	0.07	No Trend	0.1	7	0.17	Increasing	0.77
PTX06-ISB325	649090.64	3751308.18	24	0.06	No Trend	0.2	8	0.05	No Trend	-0.3	24	0.06	No Trend	0.2	16	0.17	Increasing	1.19
PTX06-ISB327	649090.60	3751459.62	0	0.00	N/A (No Measurements)	-999	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-ISB328	649090.73	3751534.22	2	0.00	N/A (<3 Measurements)	-0.1	2	0.00	N/A (<3 Measurements)	-0.1	2	0.00	N/A (<3 Measurements)	-0.1	0	0.00	N/A (No Measurements)	-999
PTX06-ISB329	649091.36	3751609.51	9	0.10	No Trend	0.11	4	0.06	No Trend	-0.04	9	0.10	No Trend	0.11	5	0.05	No Trend	0.04
PTX06-ISB331	649092.70	3751760.79	10	-0.13	Decreasing	-0.35	9	-0.16	Decreasing	-0.41	10	-0.13	Decreasing	-0.35	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB401	650711.91	3749151.58	4	0.22	Increasing	0.04	0	0.00	N/A (No Measurements)	-999	4	0.22	Increasing	0.04	4	0.22	Increasing	0.04
PTX06-ISB402	650776.49	3749189.00	2	0.00	N/A (<3 Measurements)	1.2	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	1.2	2	0.00	N/A (<3 Measurements)	1.2
PTX06-ISB404	650906.57	3749264.00	4	0.59	Increasing	1.34	0	0.00	N/A (No Measurements)	-999	4	0.59	Increasing	1.34	4	0.59	Increasing	1.34
PTX06-ISB406	651036.29	3749338.63	3	-1.75	Decreasing	-1.5	0	0.00	N/A (No Measurements)	-999	3	-1.75	Decreasing	-1.5	3	-1.75	Decreasing	-1.5
PTX06-ISB407	651101.78	3749376.17	3	-0.25	Decreasing	-0.23	0	0.00	N/A (No Measurements)	-999	3	-0.25	Decreasing	-0.23	3	-0.25	Decreasing	-0.23
PTX06-ISB408	651167.10	3749413.87	0	0.00	N/A (No Measurements)	-999	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-ISB409	651231.74	3749451.28	2	0.00	N/A (<3 Measurements)	-0.07	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.07	2	0.00	N/A (<3 Measurements)	-0.07
PTX06-ISB410	651296.89	3749487.69	4	1.10	Increasing	1.68	0	0.00	N/A (No Measurements)	-999	4	1.10	Increasing	1.68	4	1.10	Increasing	1.68
PTX06-ISB411	649369.83	3750358.61	0	0.00	N/A (No Measurements)	-999	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-ISB412	649464.65	3750447.35	4	0.13	Increasing	0.11	0	0.00	N/A (No Measurements)	-999	4	0.13	Increasing	0.11	4	0.13	Increasing	0.11
PTX06-ISB414	649662.66	3750642.84	4	0.17	Increasing	0.17	0	0.00	N/A (No Measurements)	-999	4	0.17	Increasing	0.17	4	0.17	Increasing	0.17
PTX06-ISB416	649866.95	3750879.41	4	-0.02	No Trend	-0.04	0	0.00	N/A (No Measurements)	-999	4	-0.02	No Trend	-0.04	4	-0.02	No Trend	-0.04
PTX06-ISB417	649002.83	3750605.84	2	0.00	N/A (<3 Measurements)	0.23	1	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0.23	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB418	649000.08	3750479.95	2	0.00	N/A (<3 Measurements)	0.2	1	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0.2	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB419	648999.92	3750358.33	2	0.00	N/A (<3 Measurements)	0.22	1	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0.22	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB427	650394.60	3749988.93	0	0.00	N/A (No Measurements)	-999	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-ISB431	650708.72	3750189.11	0	0.00	N/A (No Measurements)	-999	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-ISB440	649972.93	3750258.98	0	0.00	N/A (No Measurements)	-999	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-MEW401	649249.28	3750765.90	5	-0.03	No Trend	-0.04	1	0.00	N/A (<3 Measurements)	0	5	-0.03	No Trend	-0.04	4	-0.24	Decreasing	-0.26

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	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX06-MEW402	649411.98	3750861.97	5	-0.07	No Trend	-0.12	1	0.00	N/A (<3 Measurements)	0	5	-0.07	No Trend	-0.12	4	-0.27	Decreasing	-0.3
PTX06-MEW403	649523.62	3750870.15	5	-0.04	No Trend	-0.05	1	0.00	N/A (<3 Measurements)	0	5	-0.04	No Trend	-0.05	4	-0.20	Decreasing	-0.24
PTX06-MEW404	649260.39	3750681.12	0	0.00	N/A (No Measurements)	-999	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-MEW405	649260.94	3750597.10	2	0.00	N/A (<3 Measurements)	1.01	1	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	1.01	1	0.00	N/A (<3 Measurements)	0
PTX06-MINJ401	651511.84	3750413.88	0	0.00	N/A (No Measurements)	-999	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-PZ01	643789.66	3761892.10	41	-0.41	Decreasing	-5.16	4	0.65	Increasing	1	29	-0.28	Decreasing	-3.22	10	0.33	Increasing	1.4
PTX06-PZ02	643787.96	3762392.75	42	-0.42	Decreasing	-5.46	4	0.65	Increasing	1	29	-0.32	Decreasing	-3.65	10	0.11	Increasing	0.6
PTX06-PZ03	642509.25	3761394.76	42	-0.53	Decreasing	-6.85	4	0.65	Increasing	1	29	-0.18	Decreasing	-3.05	10	0.80	Increasing	3.3
PTX06-PZ05	643801.38	3760094.07	41	-0.40	Decreasing	-6	4	0.46	Increasing	0.7	29	-0.28	Decreasing	-3.55	10	0.08	No Trend	-0.4
PTX06-PZ06	643817.92	3756361.90	40	-0.69	Decreasing	-11.8	3	-0.19	Decreasing	-0.3	27	-0.56	Decreasing	-7.83	9	-0.17	Decreasing	-0.7
PTX06-REC401A	651032.66	3749068.08	2	0.00	N/A (<3 Measurements)	1.68	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	1.68	2	0.00	N/A (<3 Measurements)	1.68
PTX06-REC402	651188.55	3749013.99	0	0.00	N/A (No Measurements)	-999	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-REC403	651274.87	3749064.42	2	0.00	N/A (<3 Measurements)	1.83	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	1.83	2	0.00	N/A (<3 Measurements)	1.83
PTX06-REC404	651363.17	3749115.24	0	0.00	N/A (No Measurements)	-999	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-REC405	649666.01	3750342.12	0	0.00	N/A (No Measurements)	-999	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-REC407	649808.08	3750498.69	0	0.00	N/A (No Measurements)	-999	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-REC409	649883.64	3750677.72	0	0.00	N/A (No Measurements)	-999	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-REC411	650016.35	3750822.87	0	0.00	N/A (No Measurements)	-999	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-REC416	650662.78	3749438.56	0	0.00	N/A (No Measurements)	-999	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-REC422	651112.69	3749713.17	0	0.00	N/A (No Measurements)	-999	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-REC433	649972.75	3750051.20	0	0.00	N/A (No Measurements)	-999	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-REC436	650123.62	3750176.26	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC443	649302.46	3750009.54	0	0.00	N/A (No Measurements)	-999	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-REC445	649432.37	3750148.34	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX07-1O01	638532.53	3767695.22	76	-0.21	Decreasing	-1.26	4	0.08	No Trend	0.2	44	-0.06	No Trend	0.12	13	1.10	Increasing	4.2
PTX07-1O02	639106.56	3768117.46	84	-0.26	Decreasing	-0.69	6	0.02	No Trend	0.1	55	-0.23	Decreasing	-0.06	18	1.89	Increasing	5.4
PTX07-1O03	639046.64	3767462.56	74	-0.17	Decreasing	-1.29	6	-0.39	Decreasing	-0.7	44	0.09	No Trend	0.52	15	1.05	Increasing	4
PTX07-1O04	638749.15	3767983.84	50	-0.24	Decreasing	-2.62	4	0.04	No Trend	0.1	29	-0.05	No Trend	-0.08	10	0.82	Increasing	3.6
PTX07-1O05	638880.17	3768126.29	47	-0.24	Decreasing	-3.75	4	0.48	Increasing	0.8	29	-0.05	No Trend	-0.7	10	0.06	No Trend	0.6
PTX07-1O06	638814.40	3768536.81	44	-0.45	Decreasing	-7.4	0	0.00	N/A (No Measurements)	-999	20	-0.24	Decreasing	-0.75	0	0.00	N/A (No Measurements)	-999
PTX07-1P01	637221.95	3762763.60	51	-0.18	Decreasing	-1.99	4	0.40	Increasing	0.7	29	0.06	No Trend	1	10	0.25	Increasing	1.3
PTX07-1P02	637817.70	3763019.08	82	-0.37	Decreasing	-2.65	6	1.21	Increasing	1.8	56	0.27	Increasing	3.51	20	1.92	Increasing	7.8
PTX07-1P03	636938.46	3762755.25	51	-0.28	Decreasing	-2.95	4	0.66	Increasing	1.1	28	-0.06	No Trend	0.11	10	0.16	Increasing	1
PTX07-1P04	637236.90	3763011.47	9	-0.61	Decreasing	-3.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX07-1P05	637136.13	3762886.83	56	-0.26	Decreasing	-3.82	4	0.20	Increasing	0.4	39	0.03	No Trend	0.63	13	0.90	Increasing	3.7
PTX07-1P06	637197.39	3762509.81	52	-0.37	Decreasing	-5.7	5	1.44	Increasing	2.7	29	-0.12	Decreasing	-0.29	9	-0.12	Decreasing	-0.1
PTX07-1Q01	629274.83	3755836.12	65	0.34	Increasing	8.59	4	0.00	No Trend	0.1	42	0.35	Increasing	4	14	0.35	Increasing	1.2
PTX07-1Q02	628876.97	3756408.66	70	0.34	Increasing	9.21	4	0.10	No Trend	0.2	43	0.34	Increasing	4.23	14	0.35	Increasing	1.4
PTX07-1Q03	630542.61	3757408.87	58	0.36	Increasing	7.71	0	0.00	N/A (No Measurements)	-999	33	0.36	Increasing	3.33	9	0.41	Increasing	0.9
PTX07-1R03	627664.39	3764501.80	54	-0.01	No Trend	-1.36	4	-0.46	Decreasing	-0.7	33	0.08	No Trend	-0.64	11	-0.19	Decreasing	-0.5
PTX08-1001	638941.45	3762976.26	105	-0.59	Decreasing	-2.93	6	1.56	Increasing	3.4	45	0.68	Increasing	7.28	16	2.94	Increasing	11.7
PTX08-1002	640859.00	3763003.22	123	-0.73	Decreasing	-5.88	6	-0.06	No Trend	1.1	54	0.79	Increasing	7.23	19	3.13	Increasing	11.4
PTX08-1003	635385.36	3760136.56	74	0.06	No Trend	3.8	6	0.12	Increasing	0.2	43	-0.10	No Trend	-1.15	13	0.04	No Trend	0.1
PTX08-1005	635316.66	3756346.19	86	0.08	No Trend	2.09	6	0.20	Increasing	0.4	55	0.00	No Trend	-0.62	18	-0.40	Decreasing	-1.5
PTX08-1006	636400.41	3756761.86	93	-0.03	No Trend	0.51	8	0.05	No Trend	0.2	58	-0.15	Decreasing	-2.04	20	-0.08	No Trend	-0.6
PTX08-1007	638900.04	3758440.46	69	-0.10	No Trend	-0.45	6	0.49	Increasing	0.7	43	-0.16	Decreasing	-1.35	14	0.18	Increasing	0.5
PTX08-1008	637485.10	3755695.51	98	-0.10	Decreasing	-1.44	8	-0.02	No Trend	-0.2	60	-0.17	Decreasing	-2.59	21	0.07	No Trend	0.1
PTX08-1009	638866.95	3755275.01	88	-0.25	Decreasing	-3.24	7	-0.25	Decreasing	-0.5	55	-0.28	Decreasing	-4.13	18	0.17	Increasing	0.2
PTX08-1010	641401.47	3773206.74	68	-0.03	No Trend	-0.1	4	-0.04	No Trend	0	32	0.08	No Trend	0.3	11	0.07	No Trend	0.3
PTX10-1008	633458.45	3760876.41	57	0.30	Increasing	8.88	4	0.42	Increasing	0.7	29	0.17	Increasing	2.81	10	0.21	Increasing	0.4
PTX10-1014	639701.73	3759769.72	67	-0.37	Decreasing	-4.18	6	0.39	Increasing	0.6	44	-0.01	No Trend	-1.26	15	0.92	Increasing	4

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.

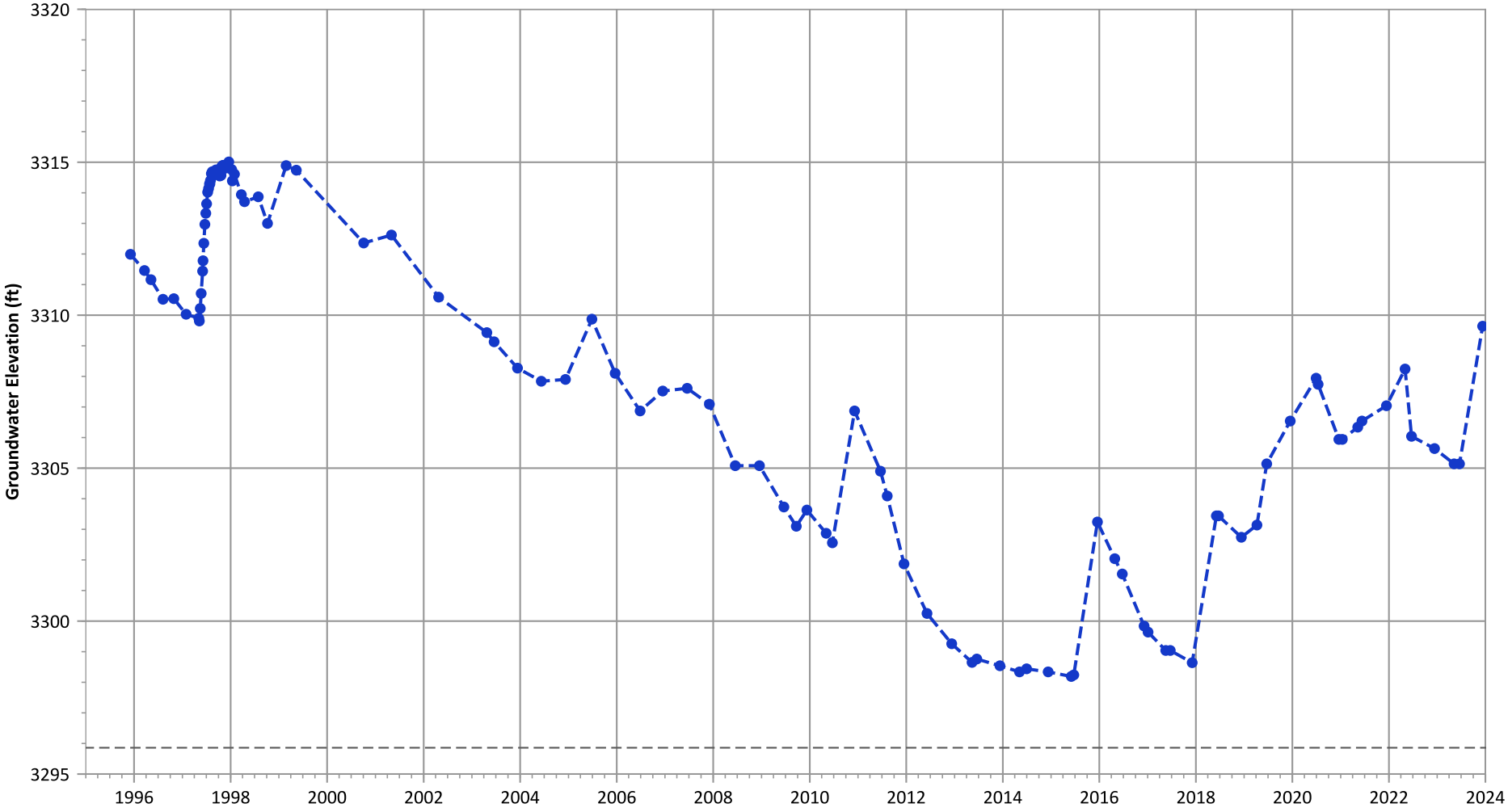
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

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.

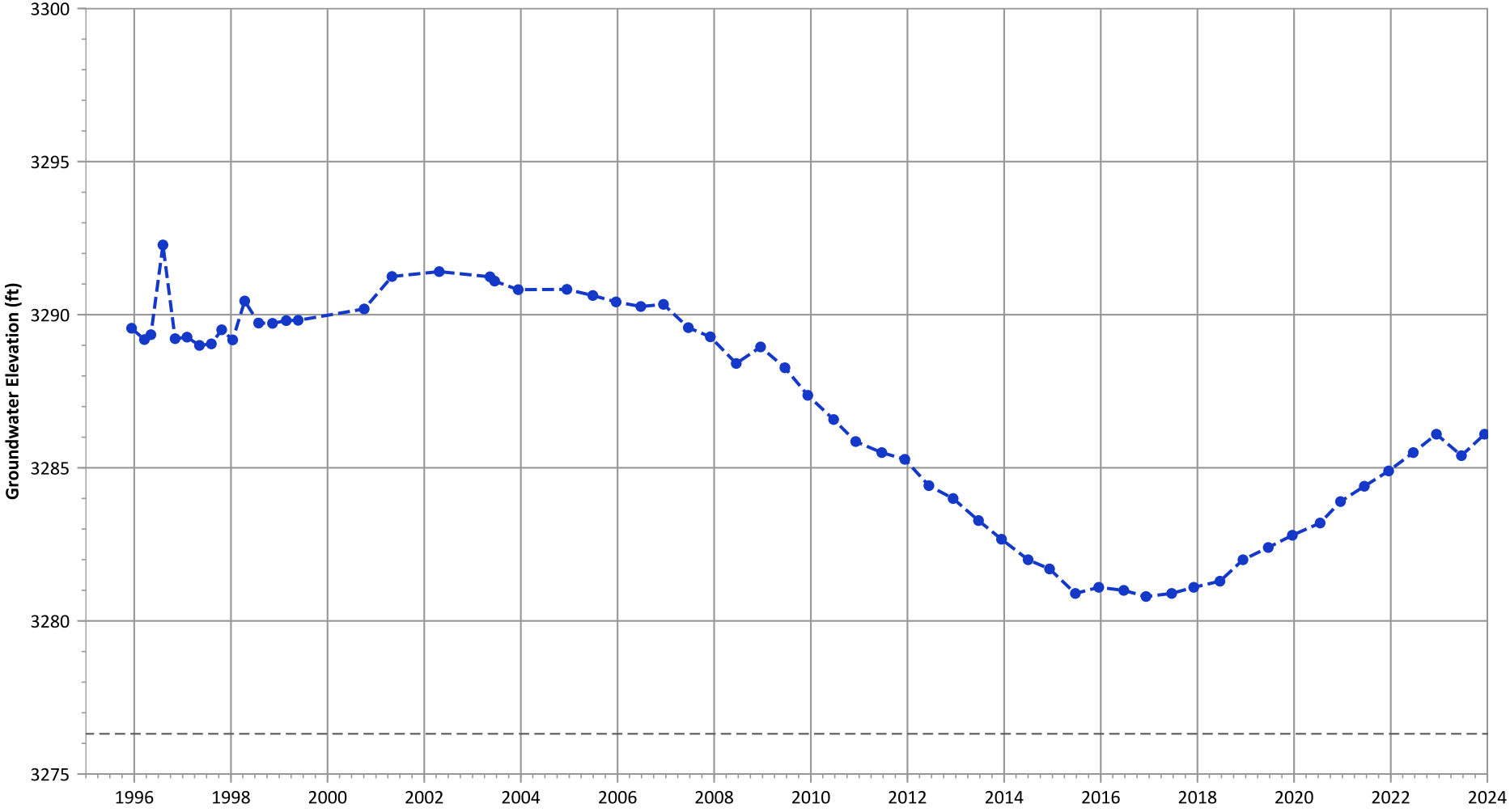
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.48 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.43 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.

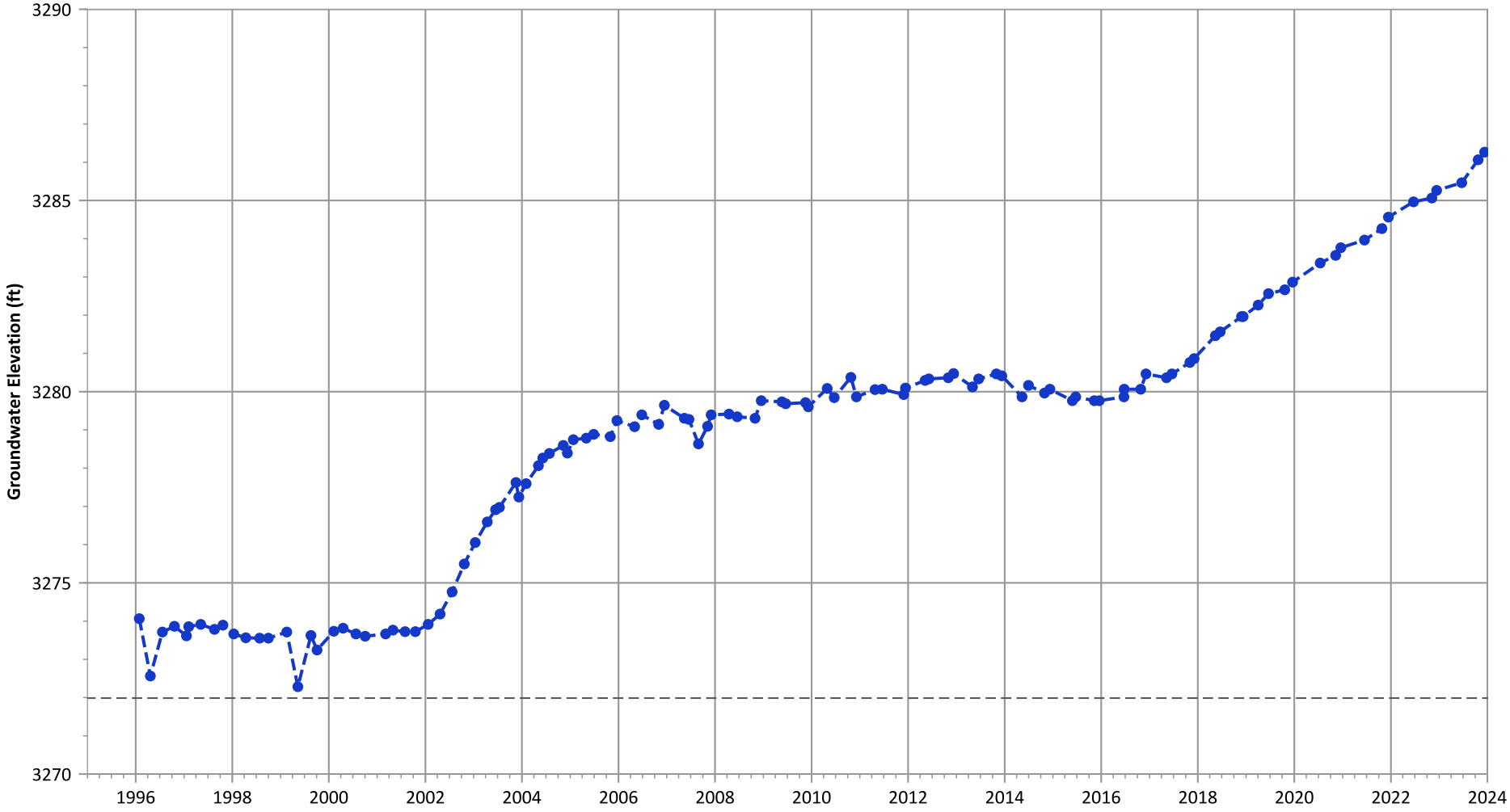
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.21 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX01-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

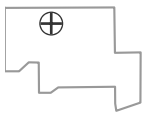


Notes:
1. Top of screen elevation is 3286.99 ft msl.
2. The bottom of screen elevation is 3271.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

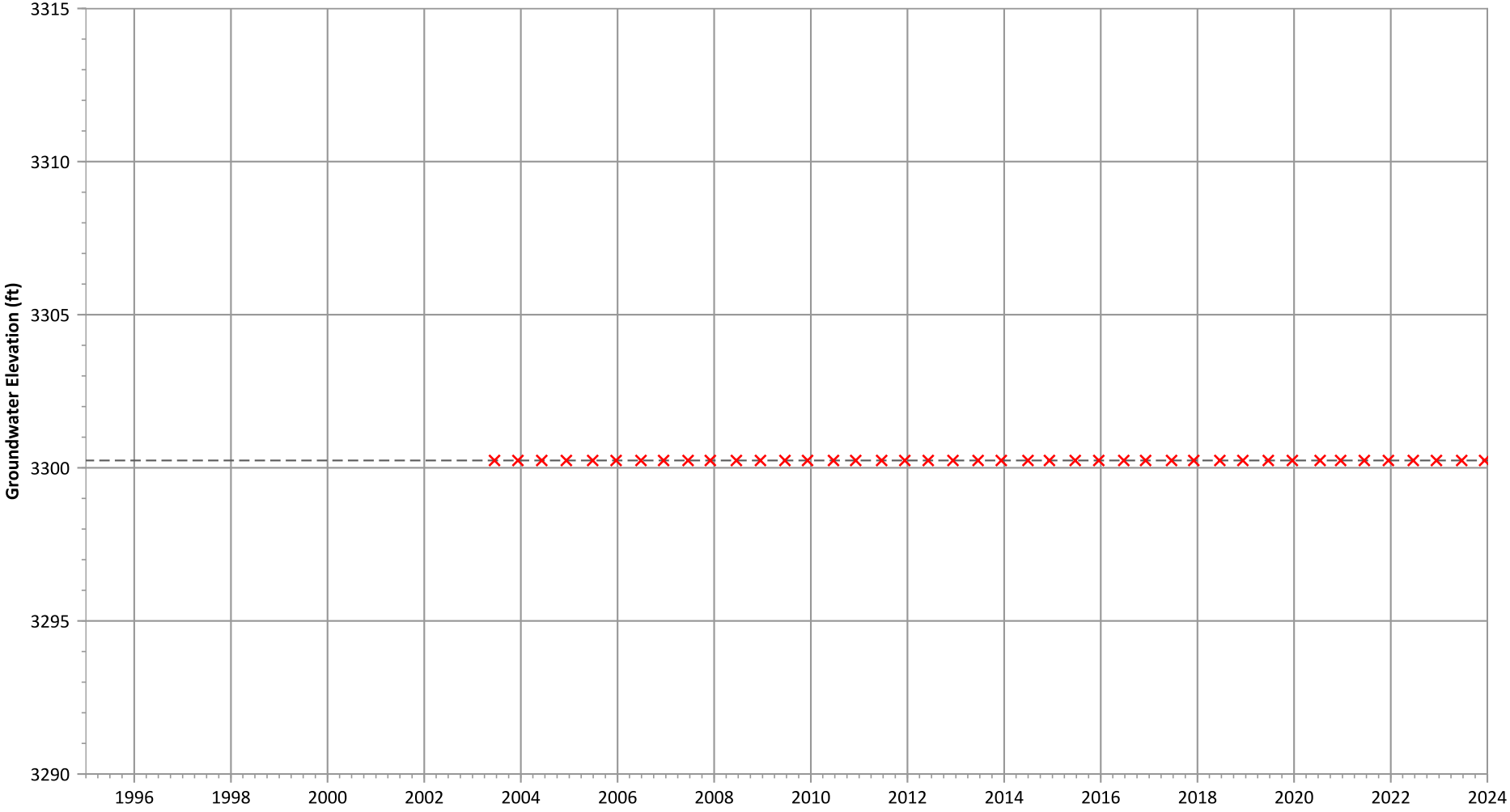
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.88 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.42 ft/yr

PTX01-1004 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

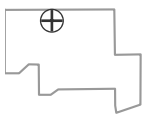


Notes:
1. Top of screen elevation is 3320.24 ft msl.
2. The bottom of screen elevation is 3300.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

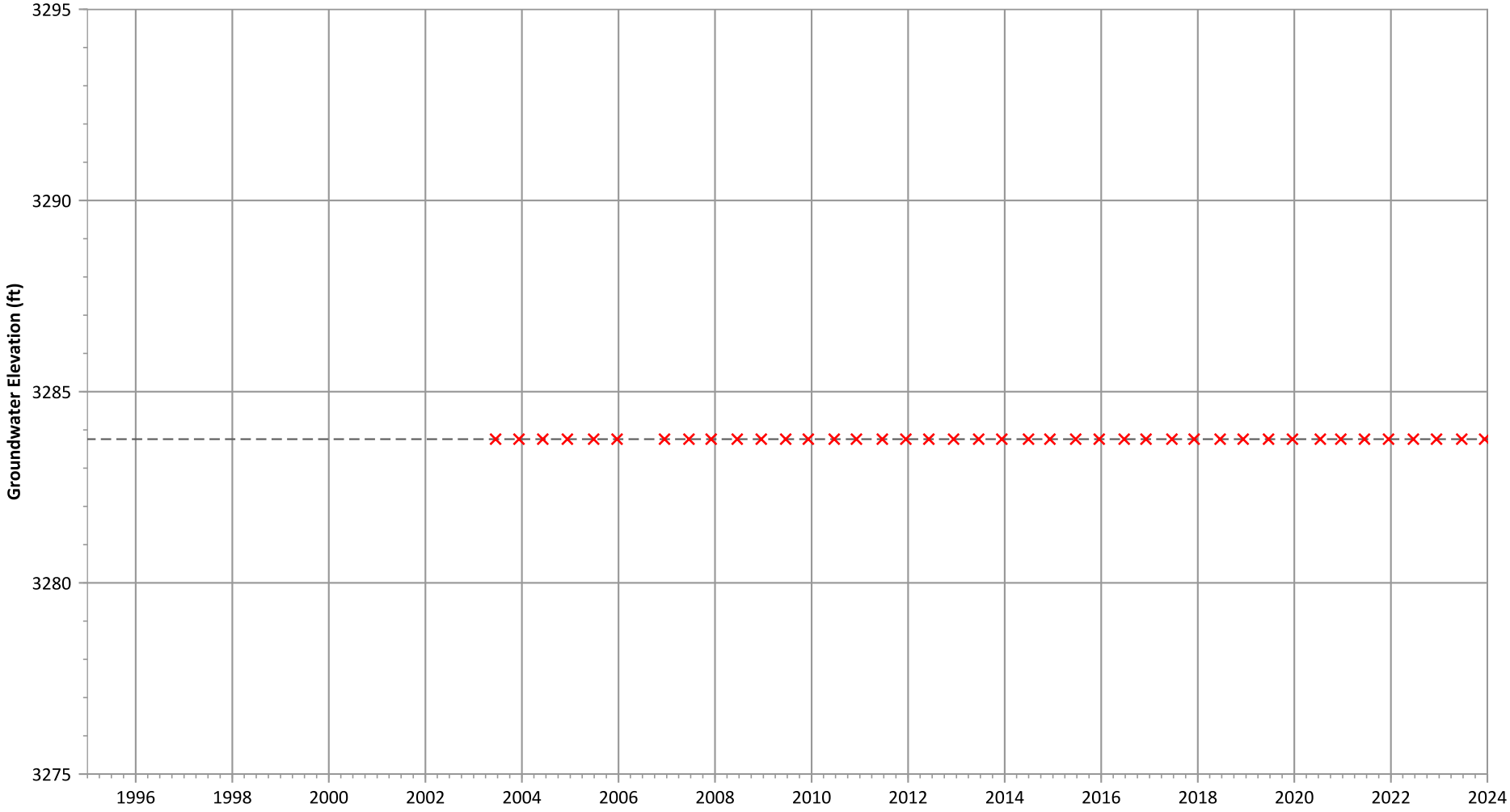
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX01-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

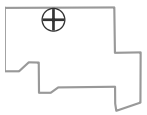


Notes:
1. Top of screen elevation is 3313.76 ft msl.
2. The bottom of screen elevation is 3283.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

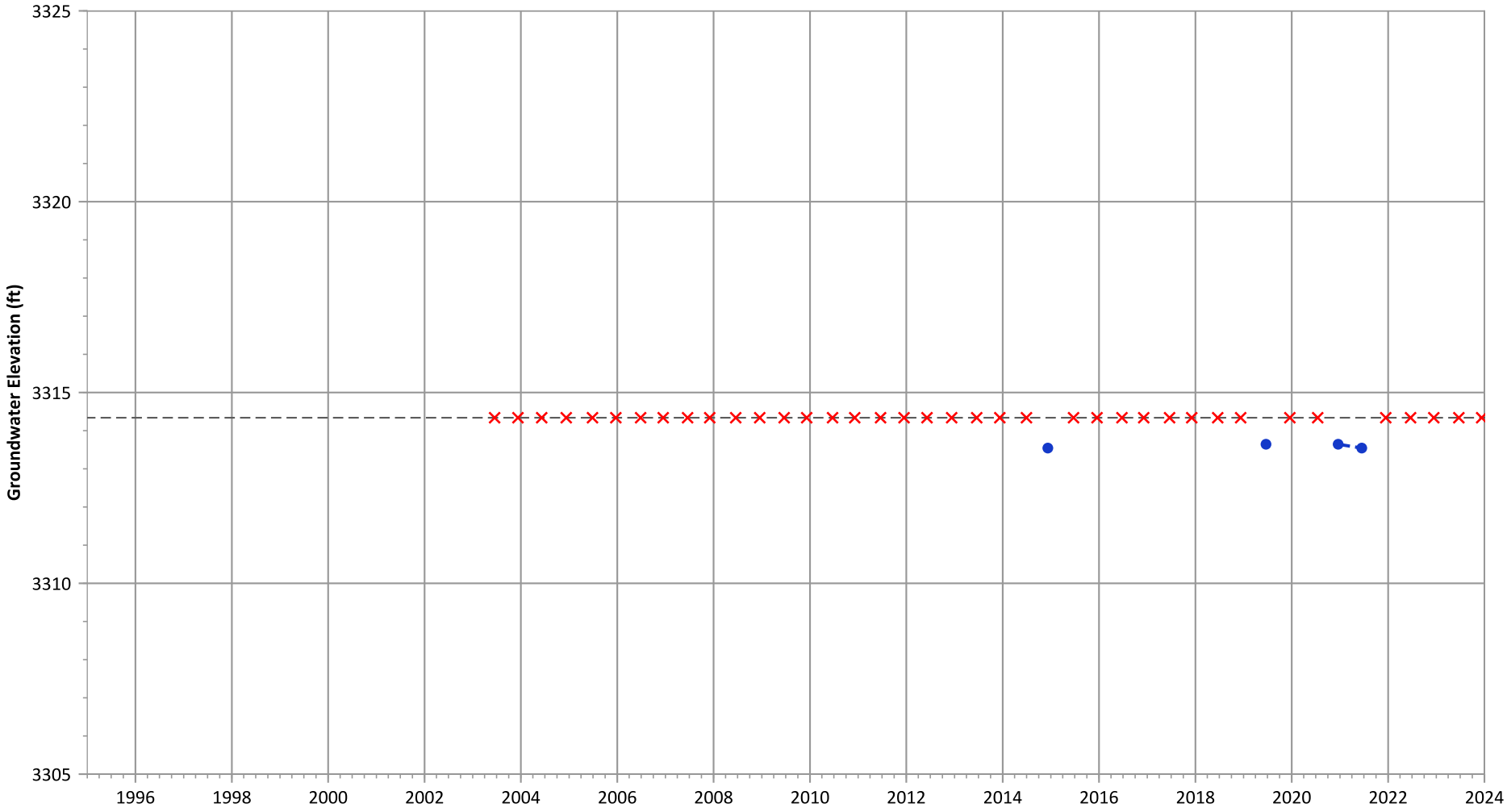
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX01-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

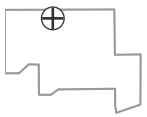


Notes:
1. Top of screen elevation is 3334.34 ft msl.
2. The bottom of screen elevation is 3314.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

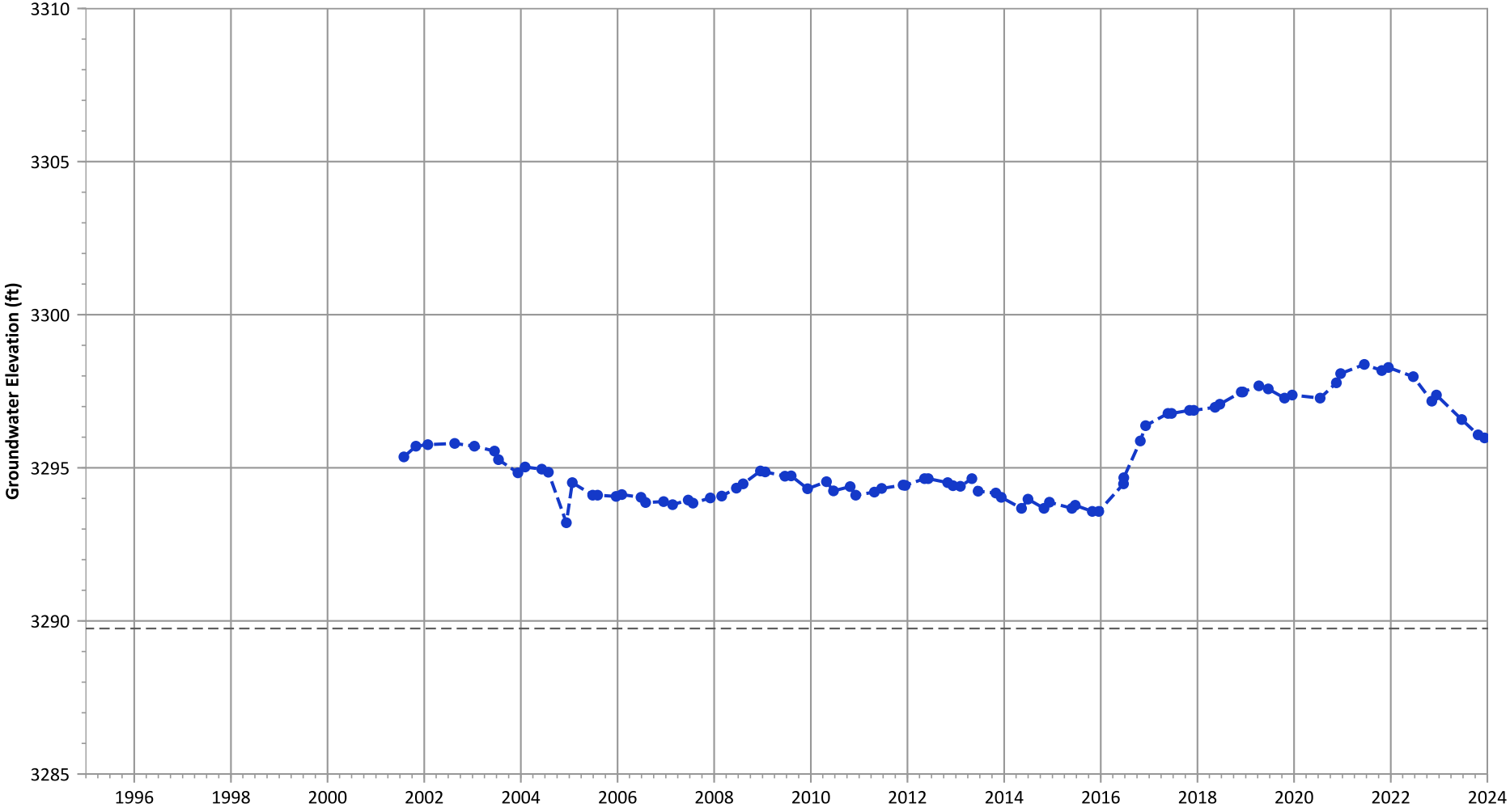
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX01-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

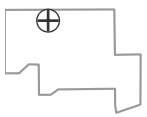


Notes:
1. Top of screen elevation is 3309.75 ft msl.
2. The bottom of screen elevation is 3289.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

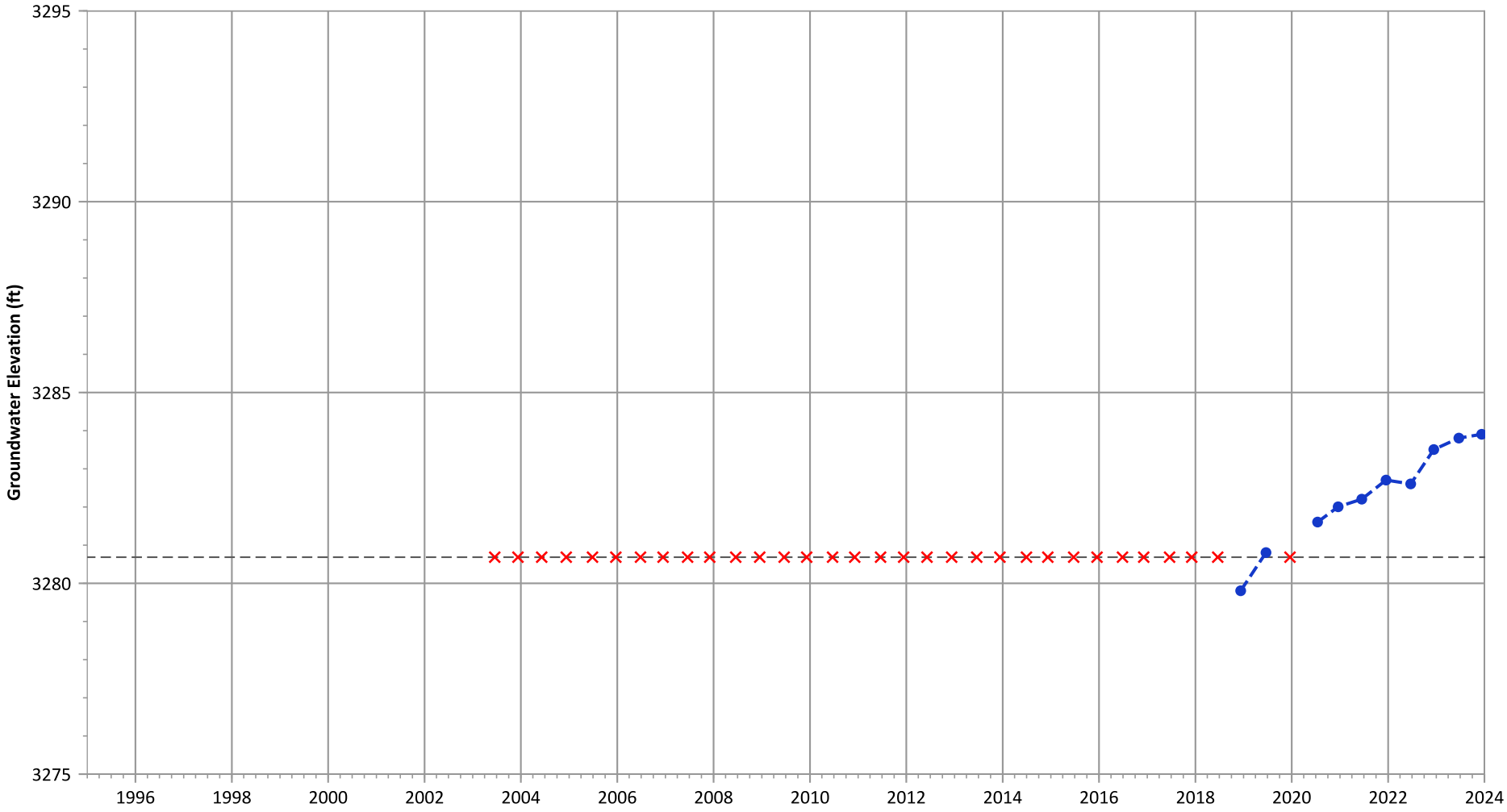
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.33 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.31 ft/yr

PTX01-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

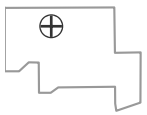


Notes:
1. Top of screen elevation is 3300.68 ft msl.
2. The bottom of screen elevation is 3280.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

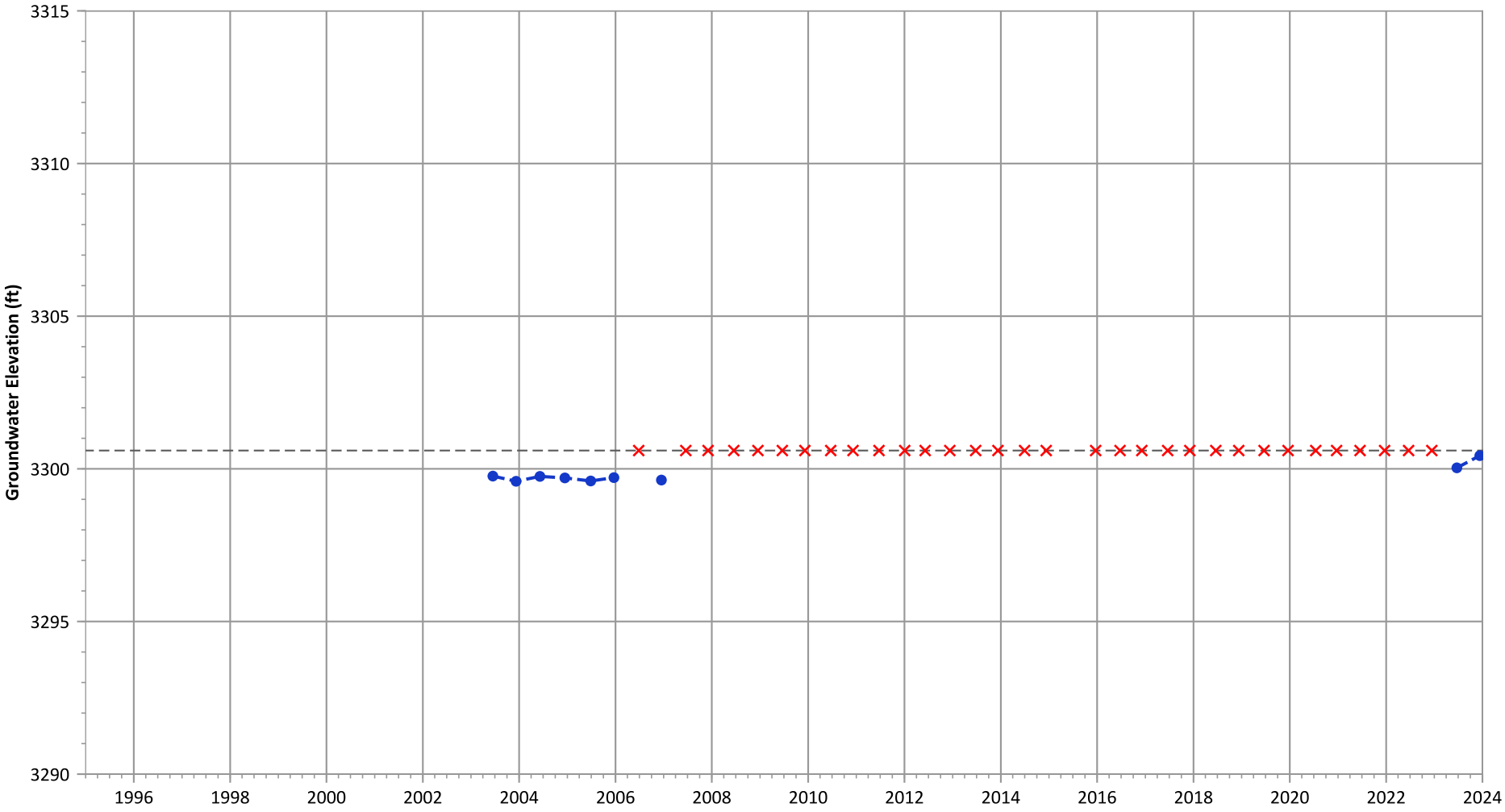
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.85 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.78 ft/yr

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.

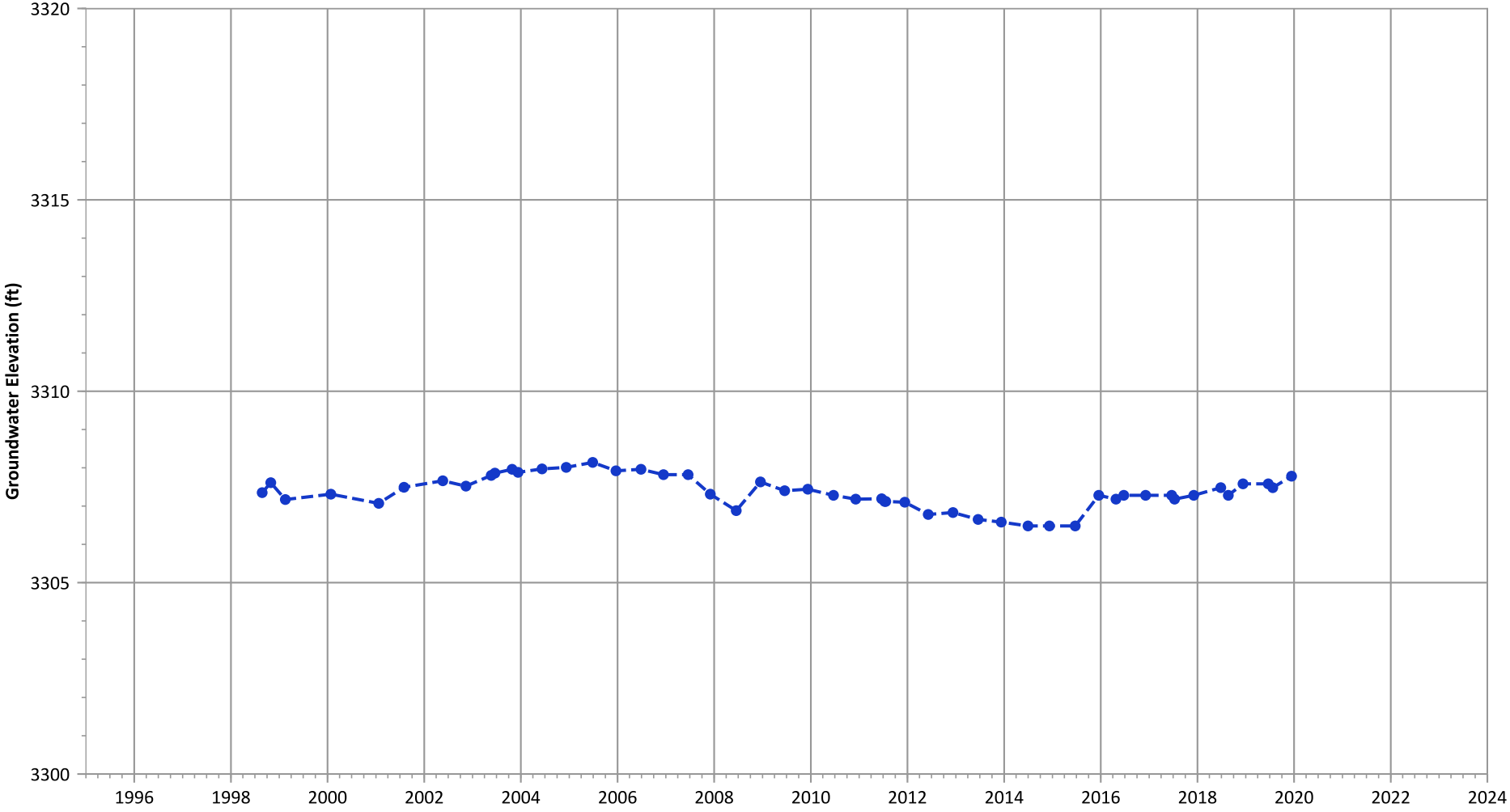
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX04-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

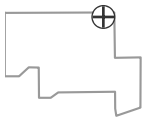


Notes:
1. Top of screen elevation is 3307.77 ft msl.
2. The bottom of screen elevation is 3289.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

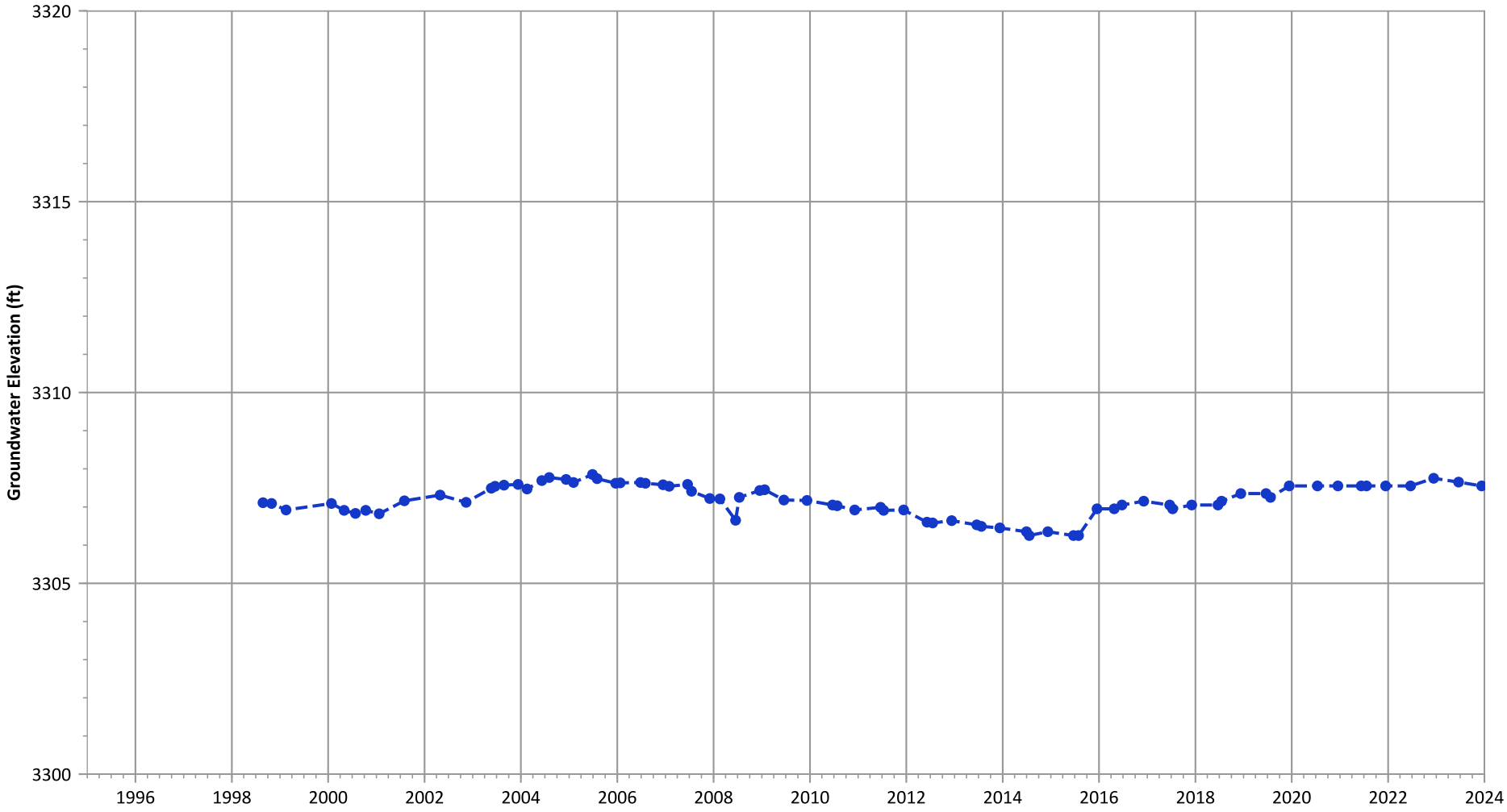
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX04-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

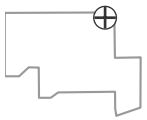


Notes:
1. Top of screen elevation is 3312.63 ft msl.
2. The bottom of screen elevation is 3288.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

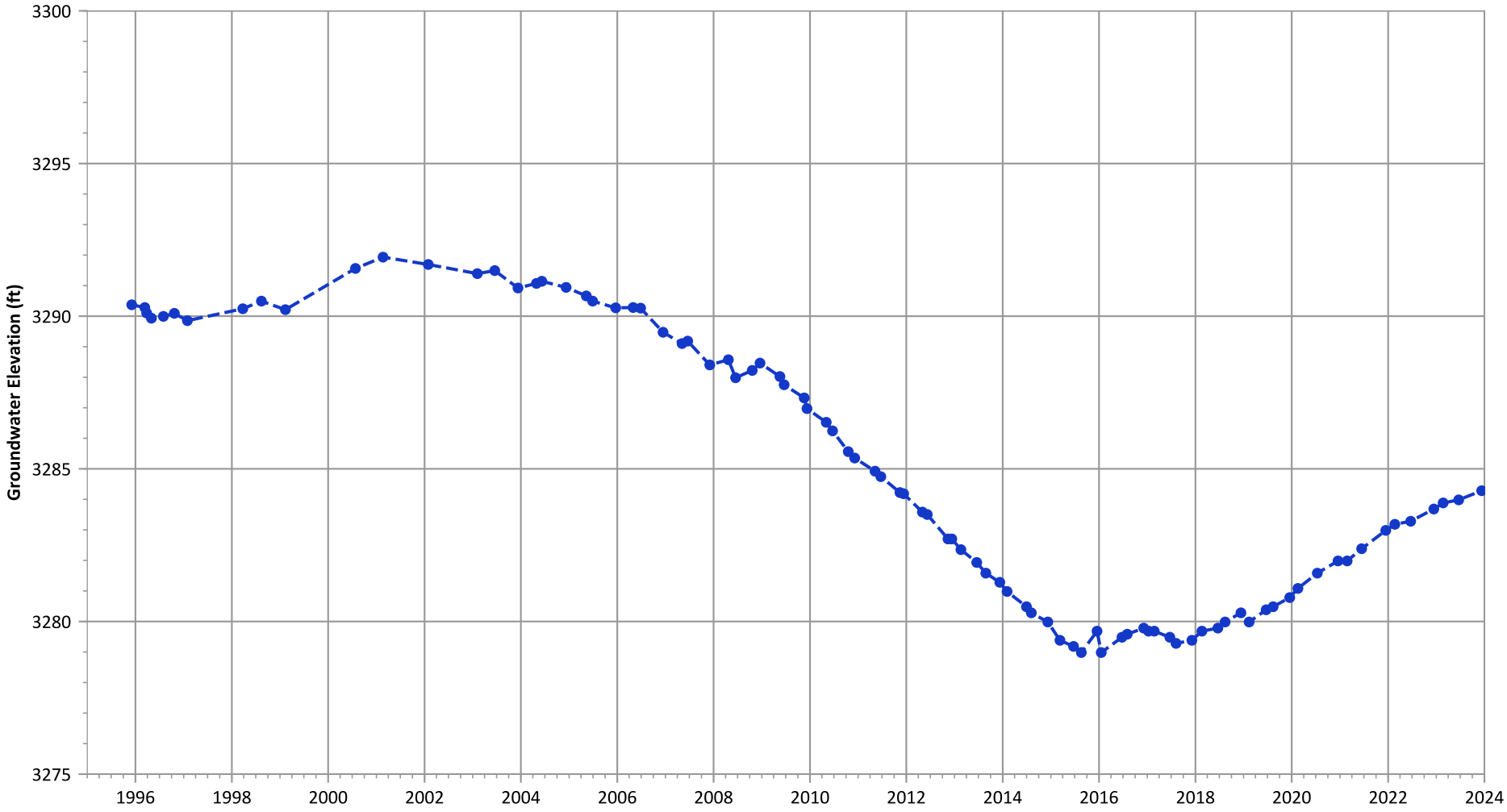
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

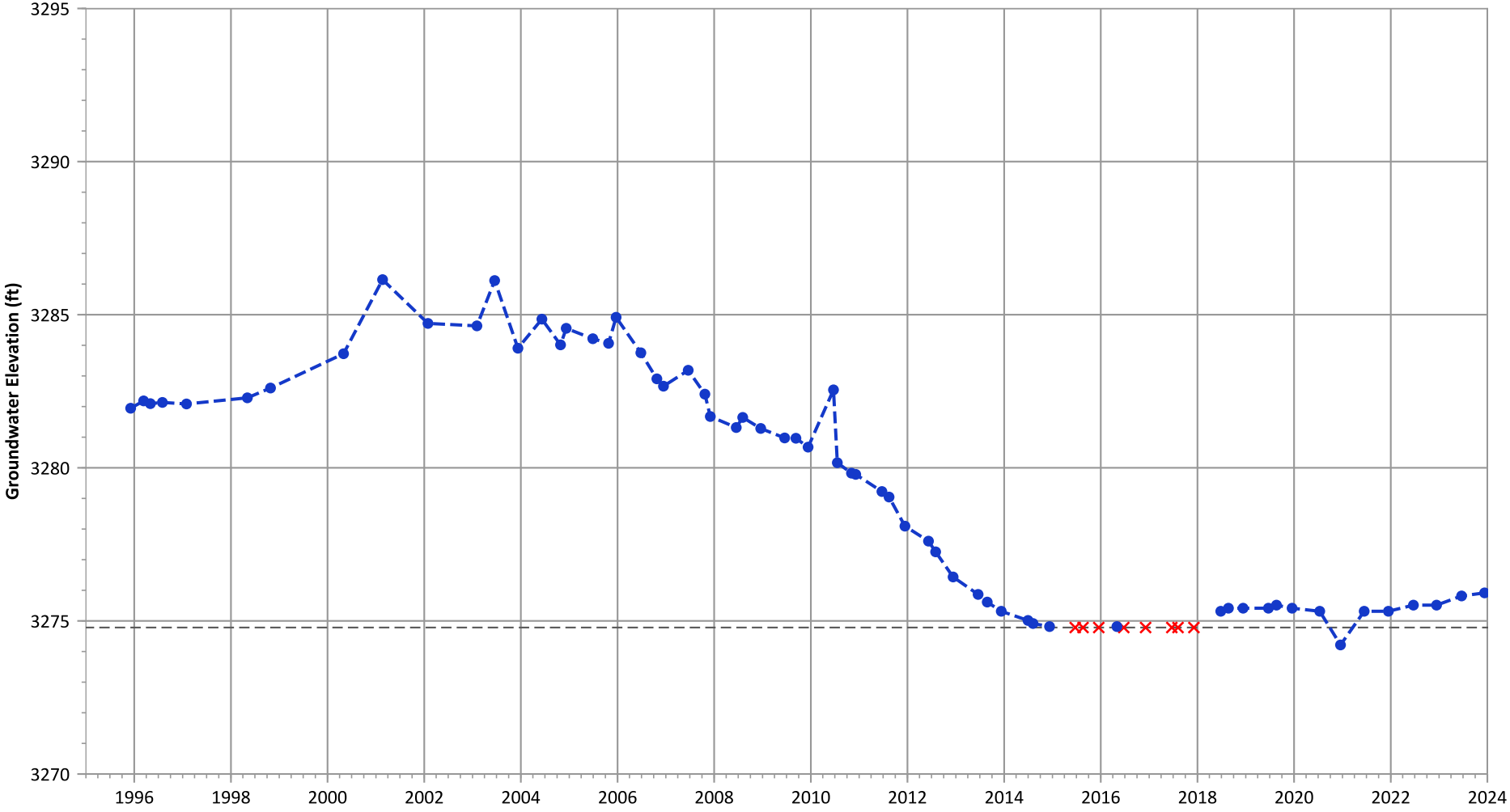
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.64 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.21 ft/yr

PTX06-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

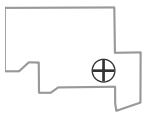


Notes:
1. Top of screen elevation is 3294.78 ft msl.
2. The bottom of screen elevation is 3274.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

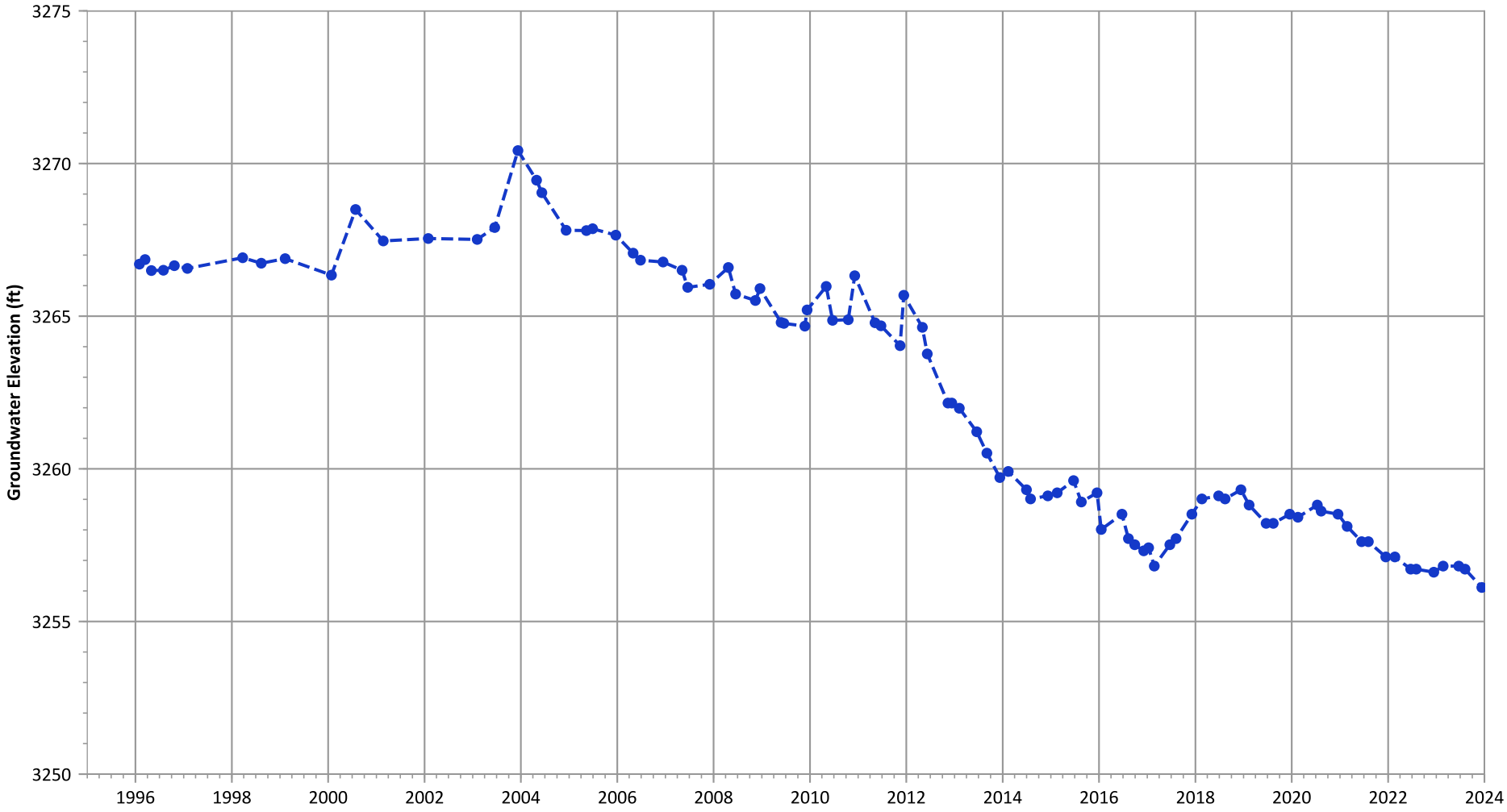
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.31 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.35 ft/yr

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.

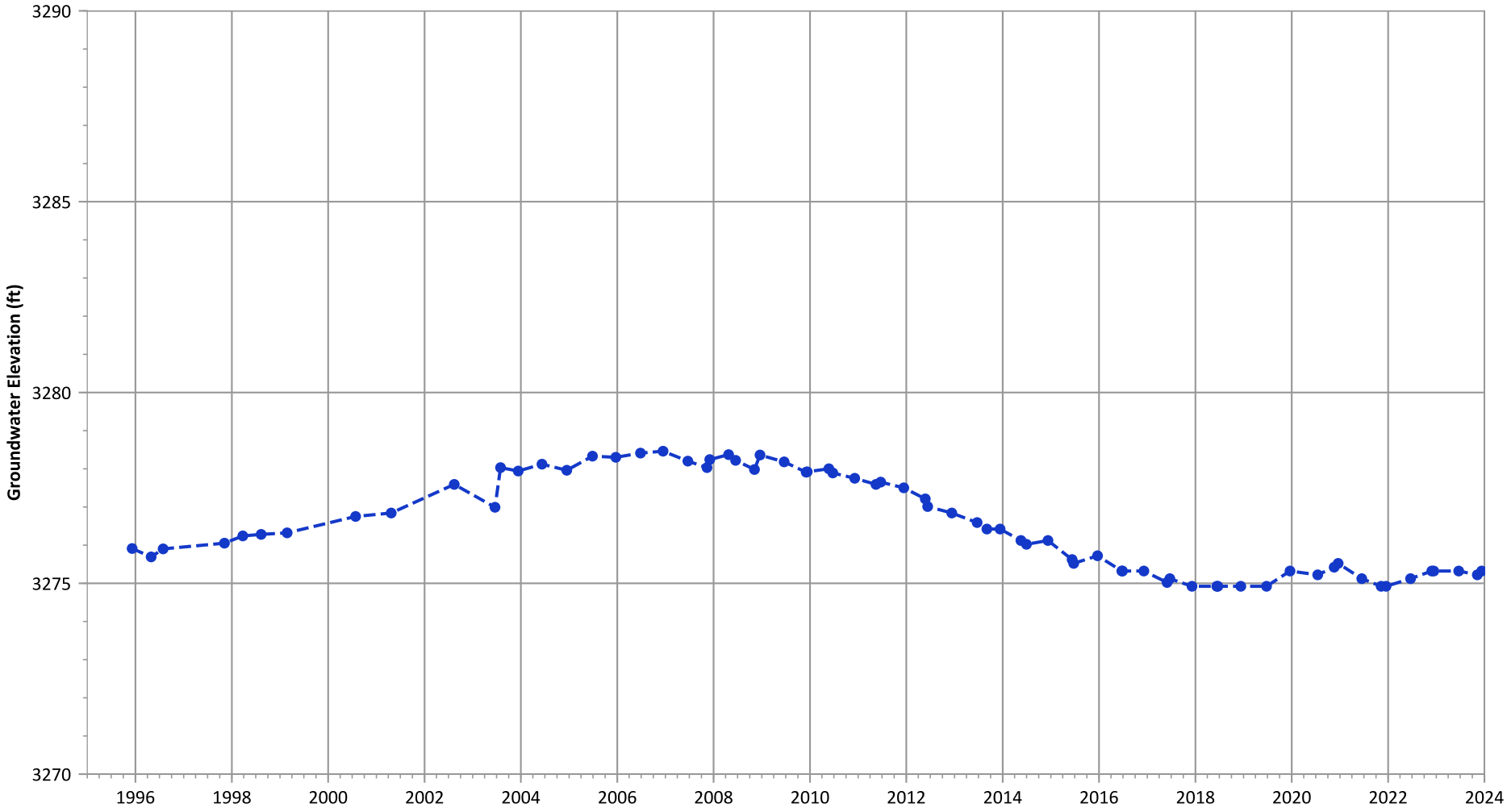
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.31 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.62 ft/yr

PTX06-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

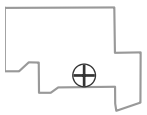


Notes:
1. Top of screen elevation is 3282.54 ft msl.
2. The bottom of screen elevation is 3252.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

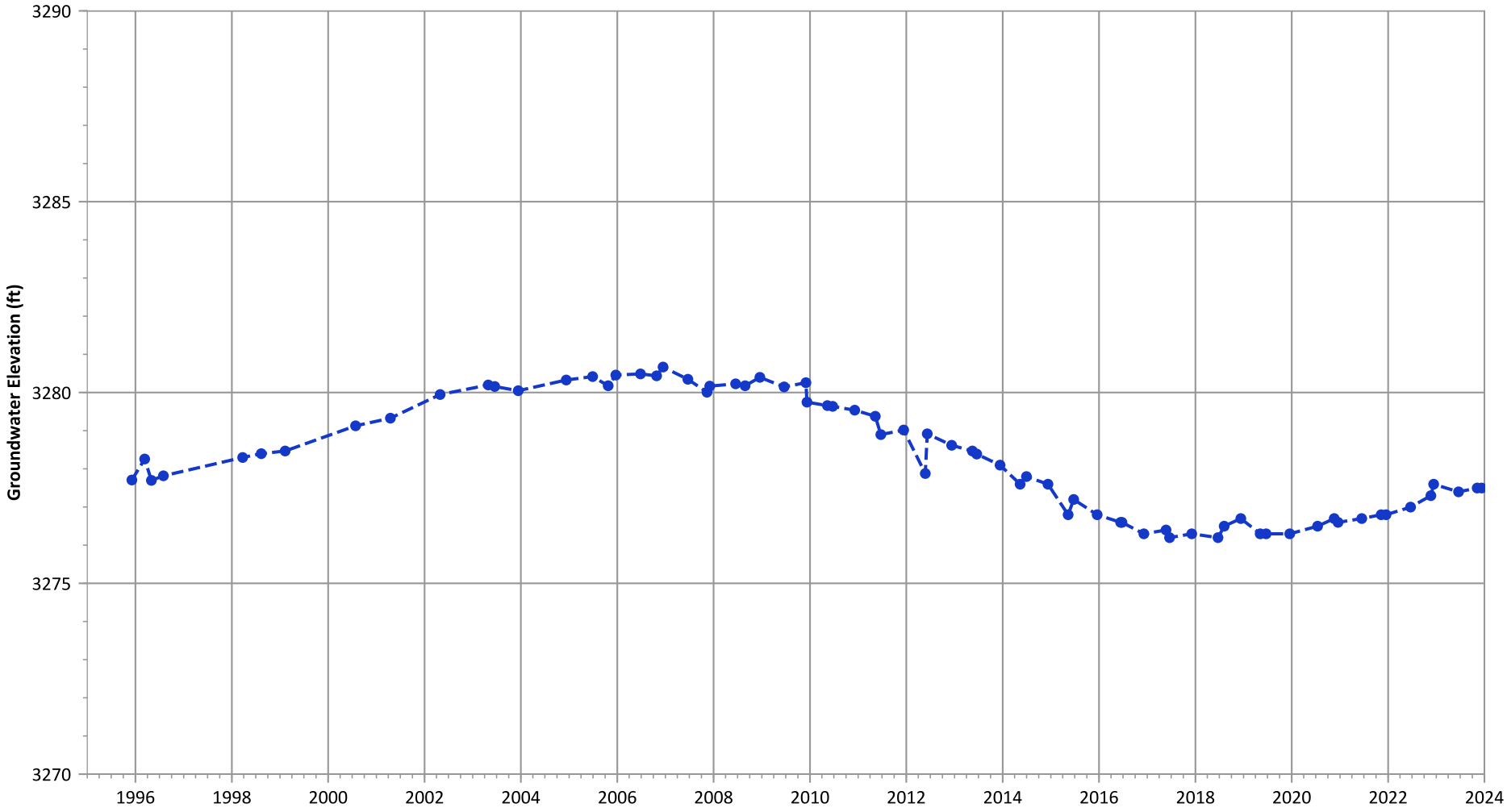
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.21 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.

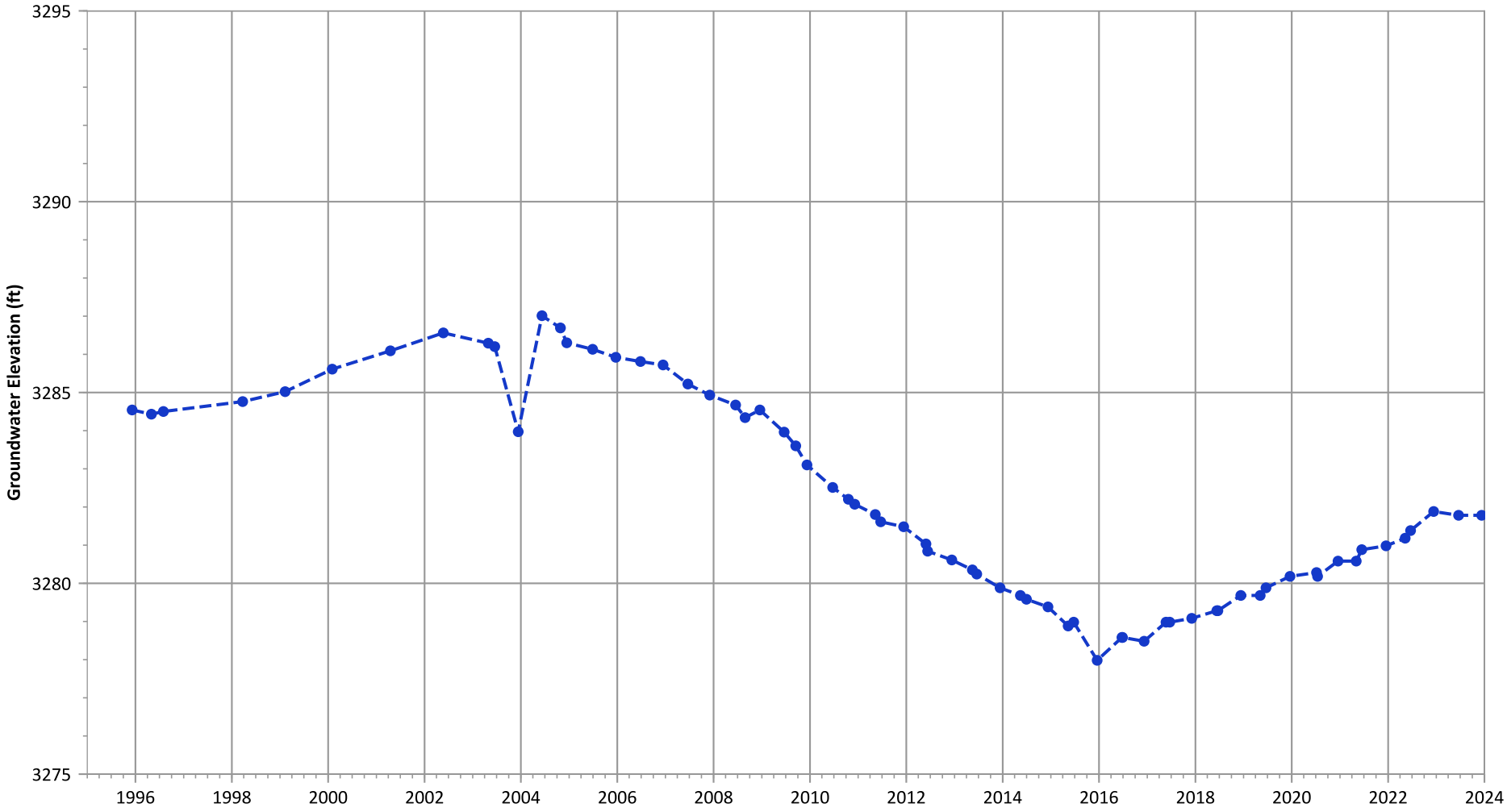
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.24 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.2 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.

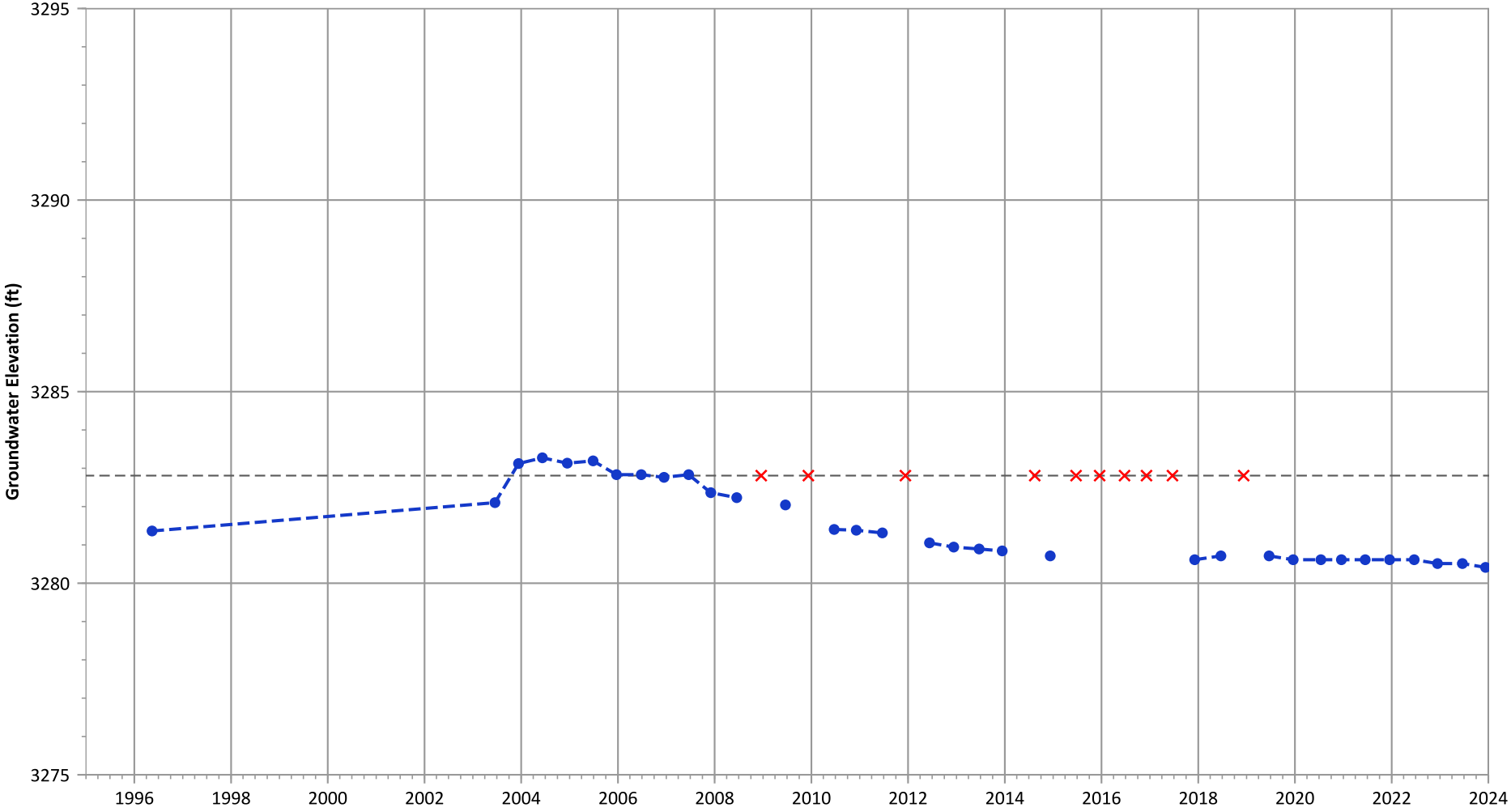
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.35 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

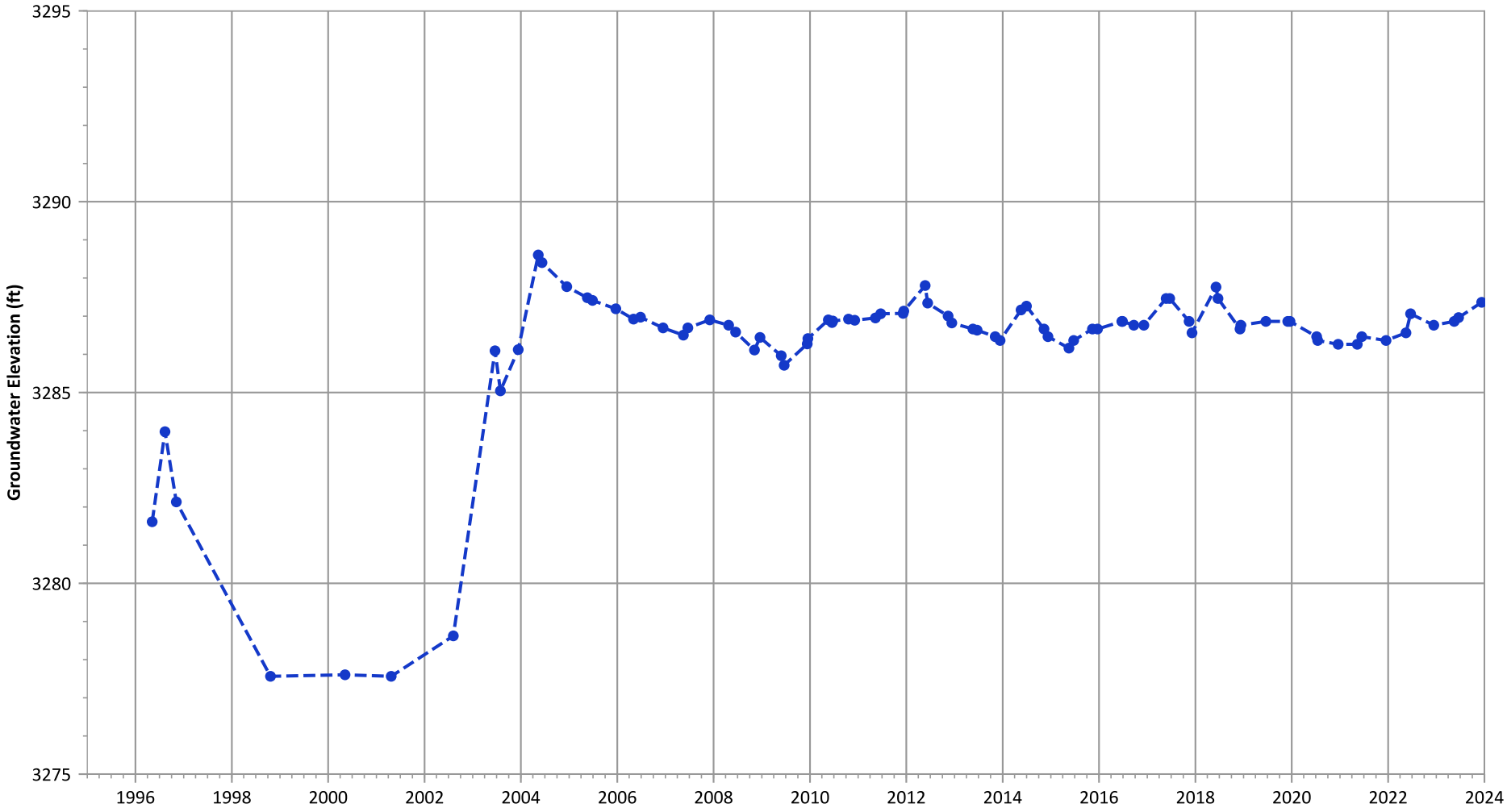
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.12 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

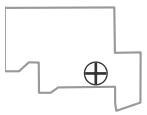


Notes:
1. Top of screen elevation is 3294.04 ft msl.
2. The bottom of screen elevation is 3264.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

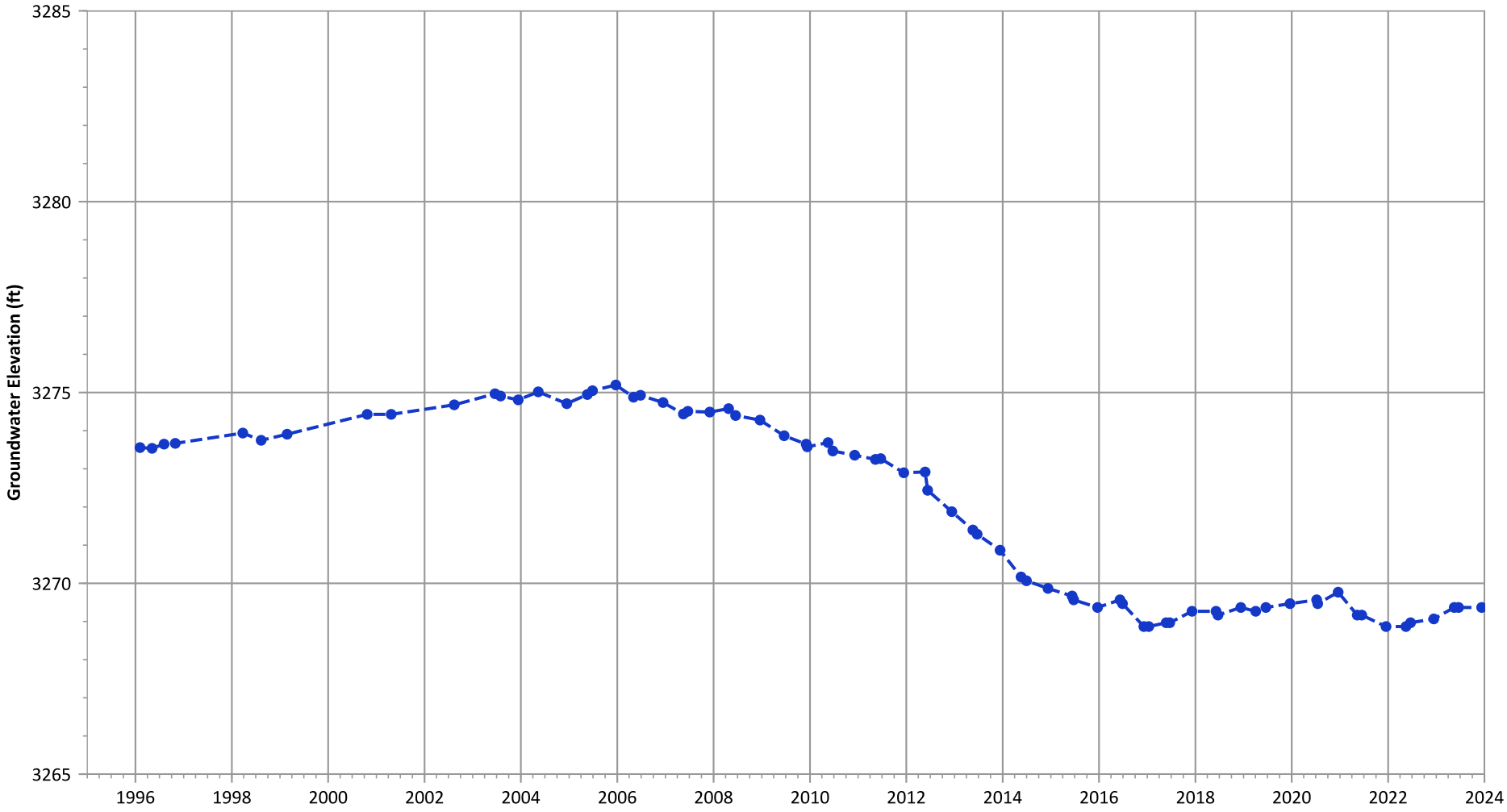
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.3 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

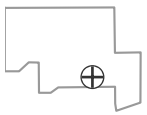


Notes:
1. Top of screen elevation is 3282.59 ft msl.
2. The bottom of screen elevation is 3252.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

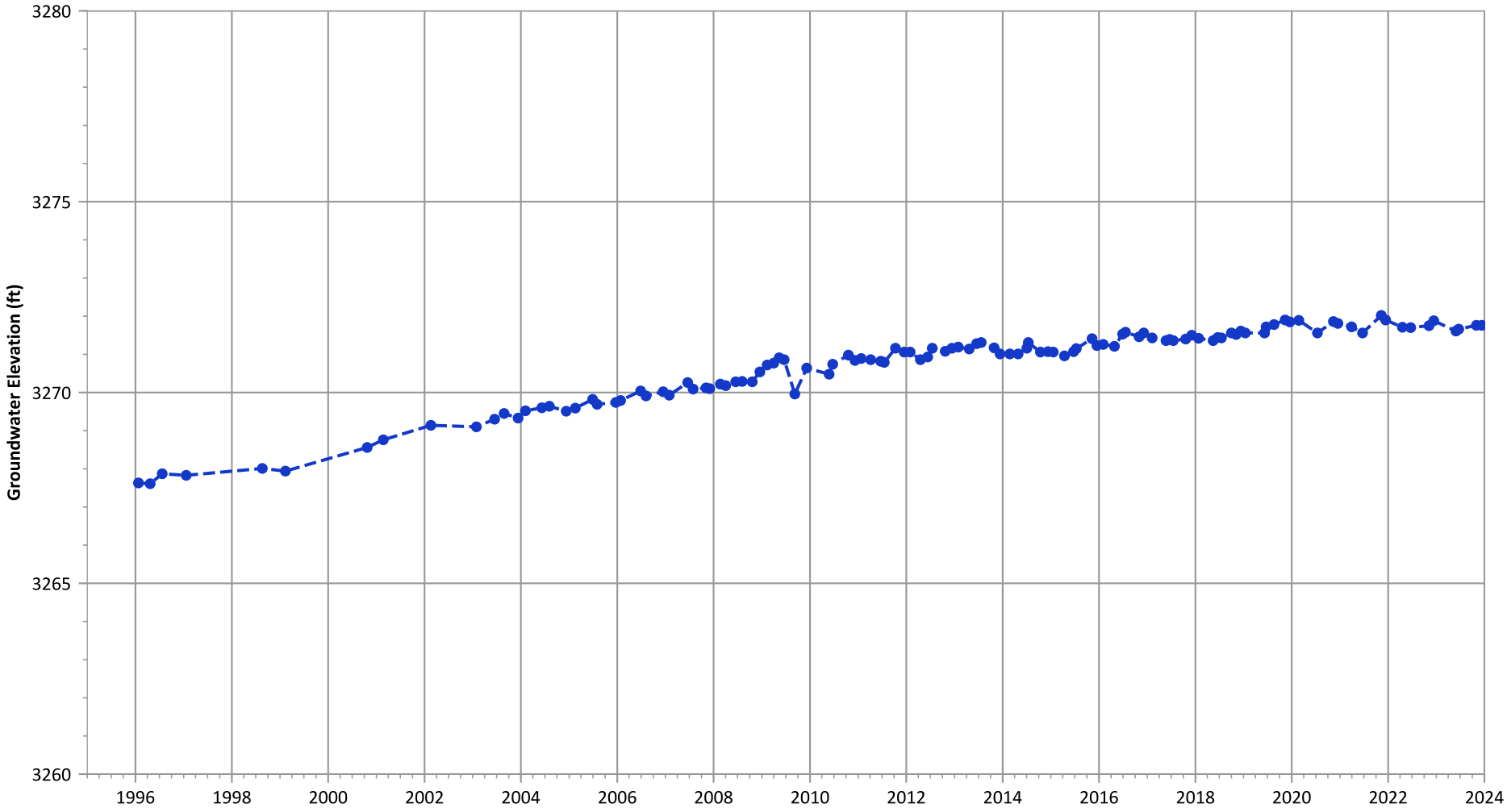
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.35 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.34 ft/yr

PTX06-1012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

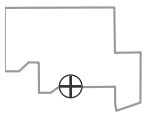


Notes:
1. Top of screen elevation is 3276.19 ft msl.
2. The bottom of screen elevation is 3256.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

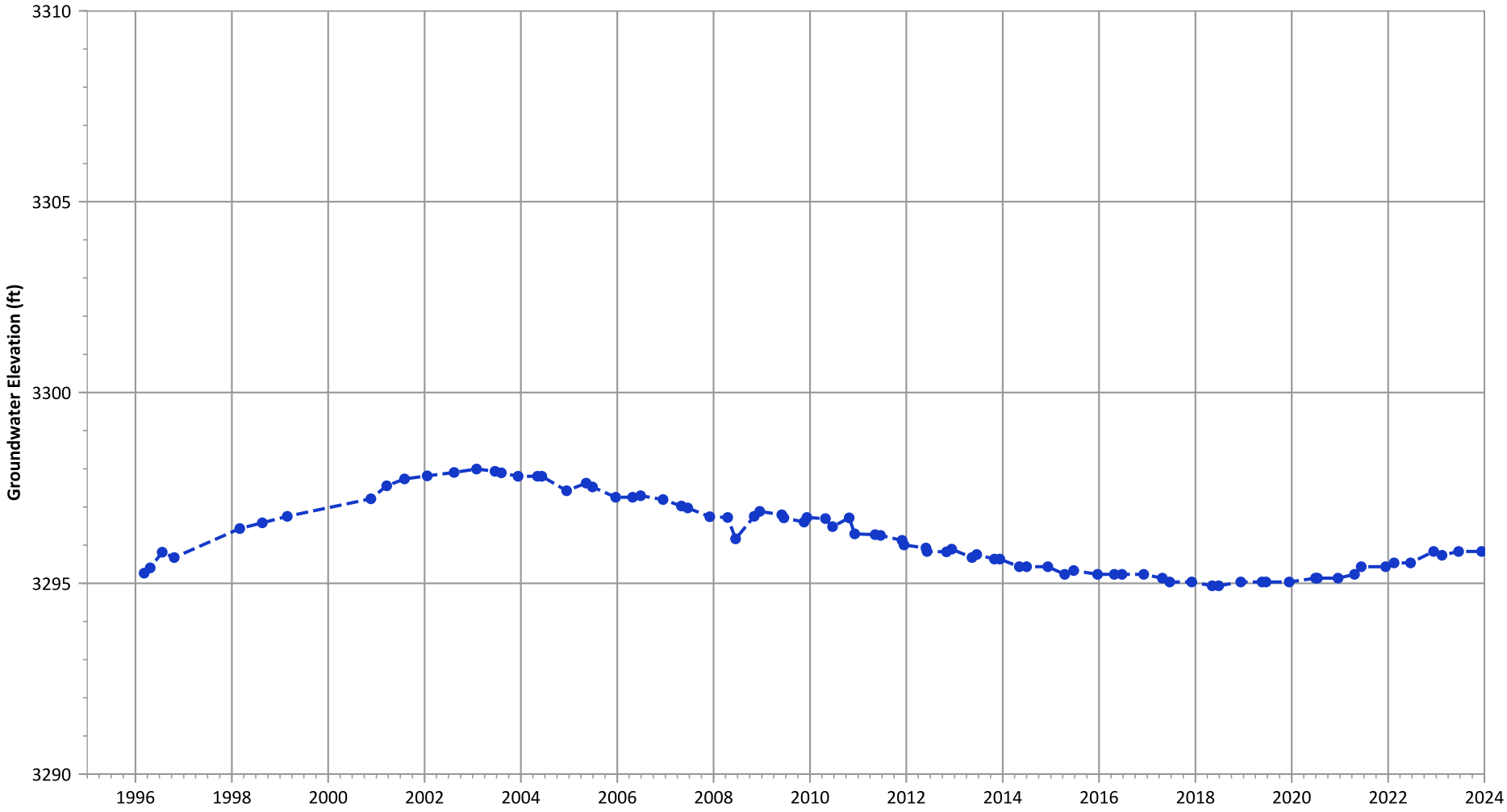
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

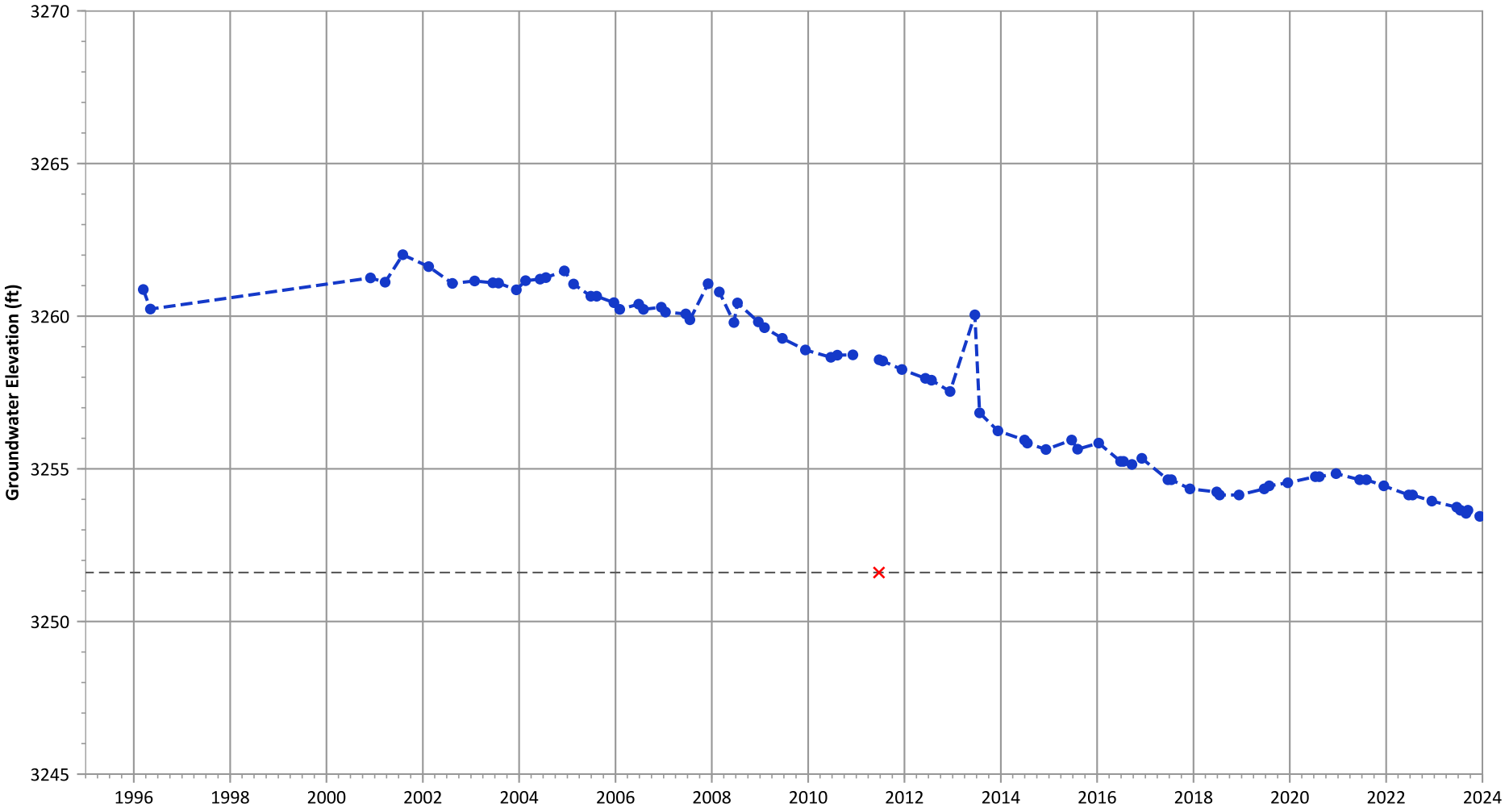
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.19 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

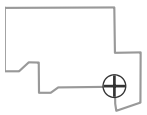


Notes:
1. Top of screen elevation is 3271.6 ft msl.
2. The bottom of screen elevation is 3251.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

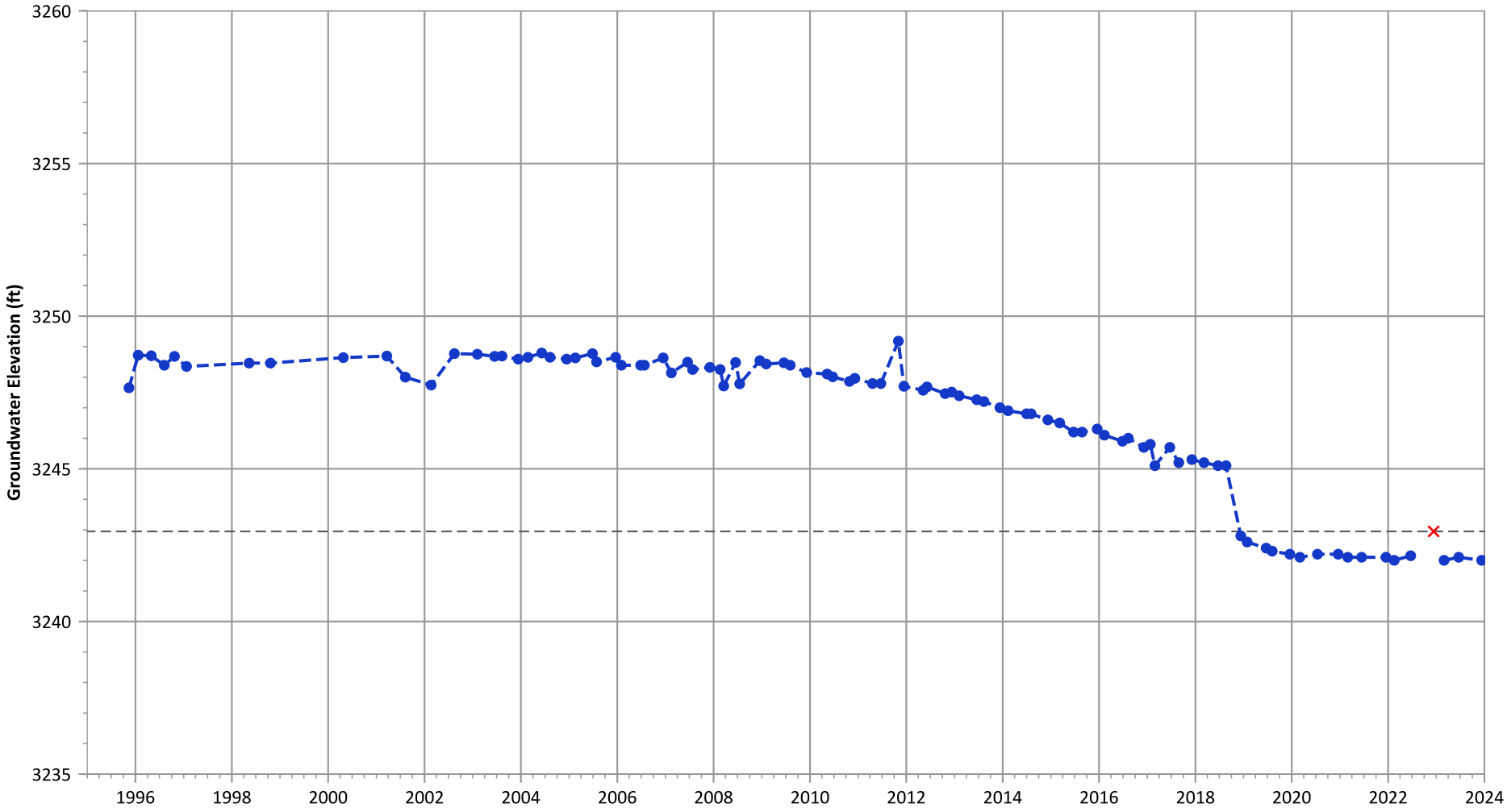
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.47 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.38 ft/yr

PTX06-1015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

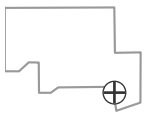


Notes:
1. Top of screen elevation is 3252.95 ft msl.
2. The bottom of screen elevation is 3242.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

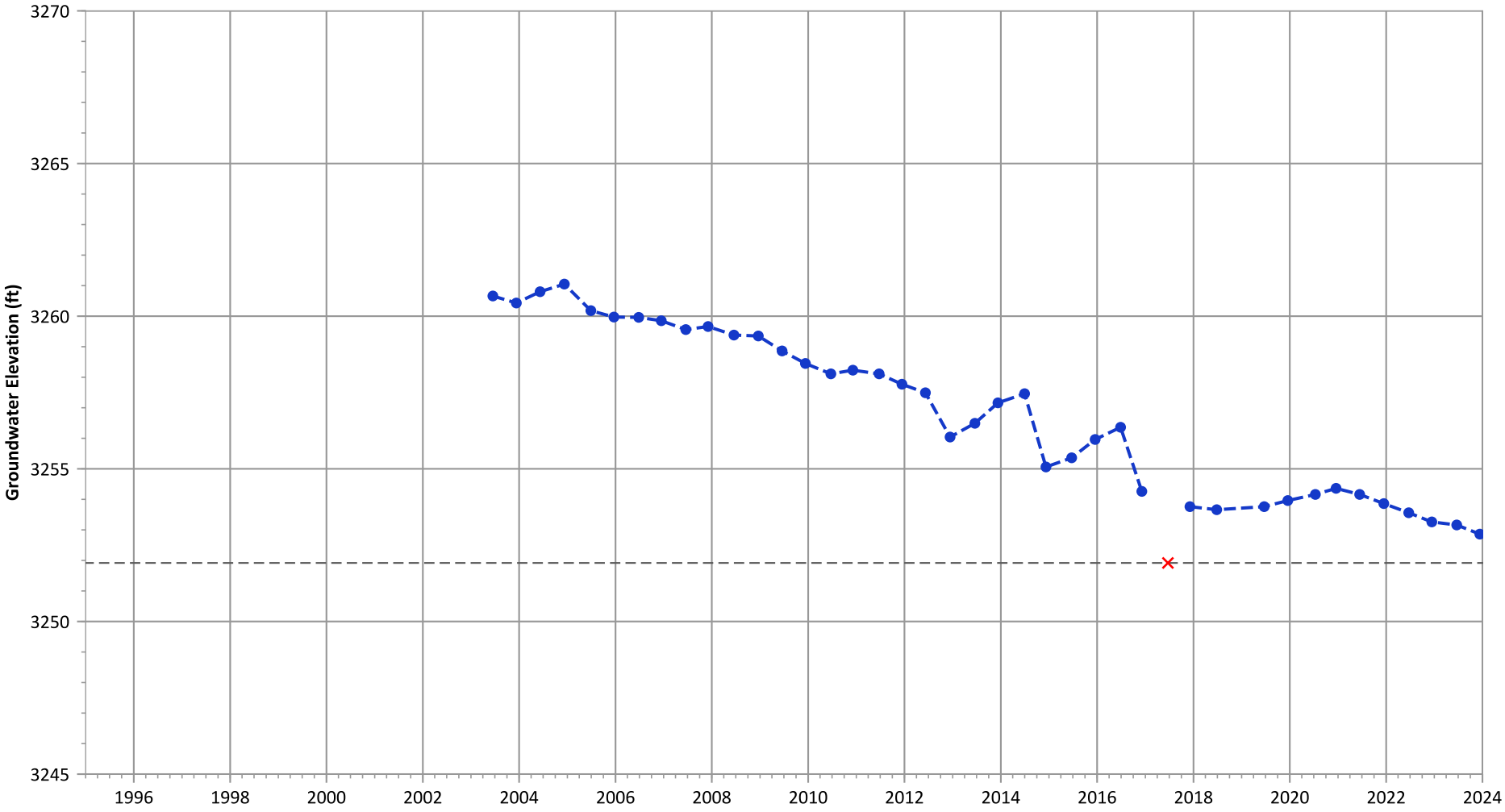
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.55 ft/yr

PTX06-1017 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

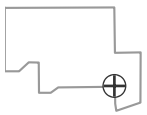


Notes:
1. Top of screen elevation is 3271.92 ft msl.
2. The bottom of screen elevation is 3251.92 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

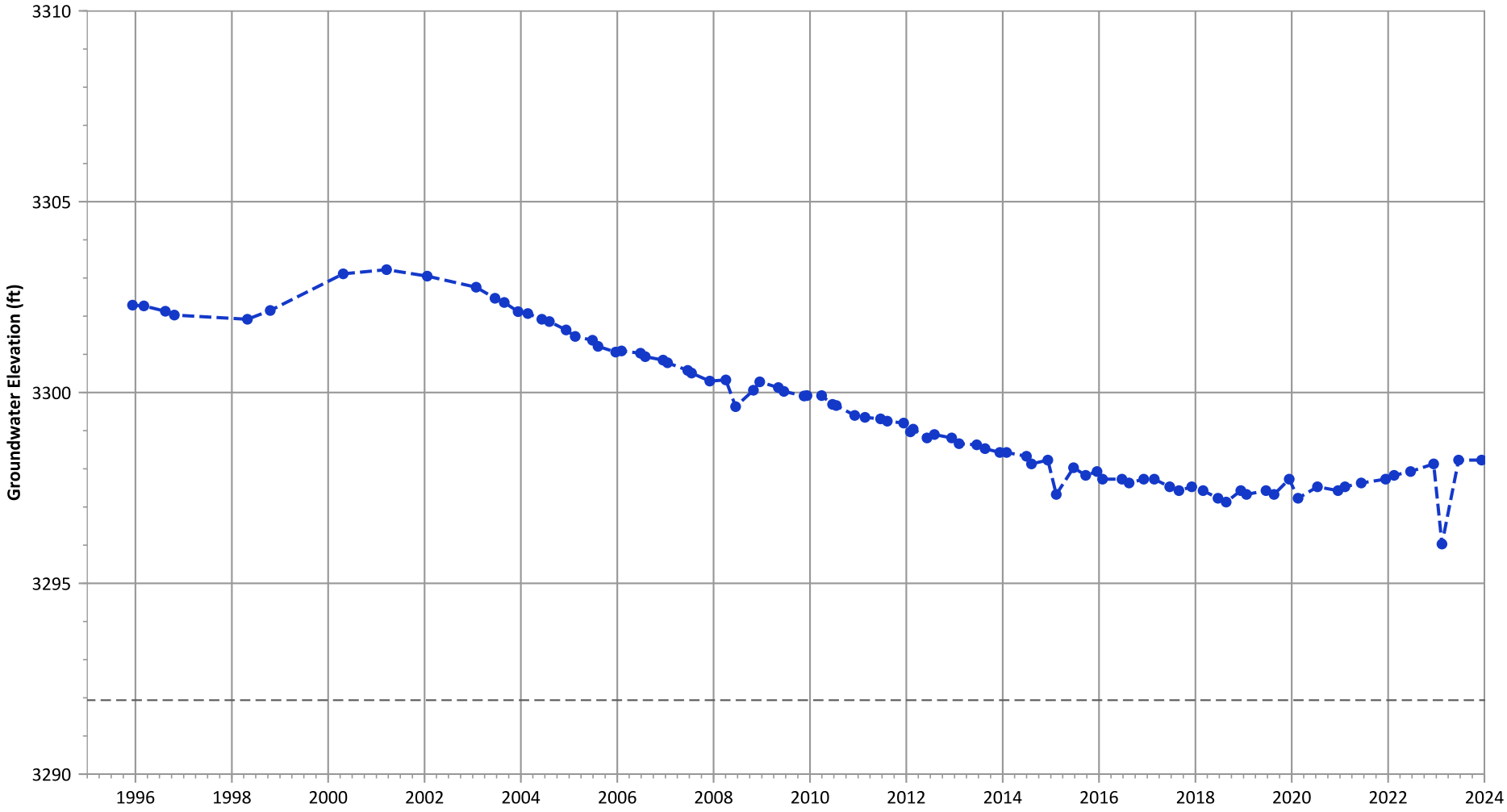
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.44 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.39 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.

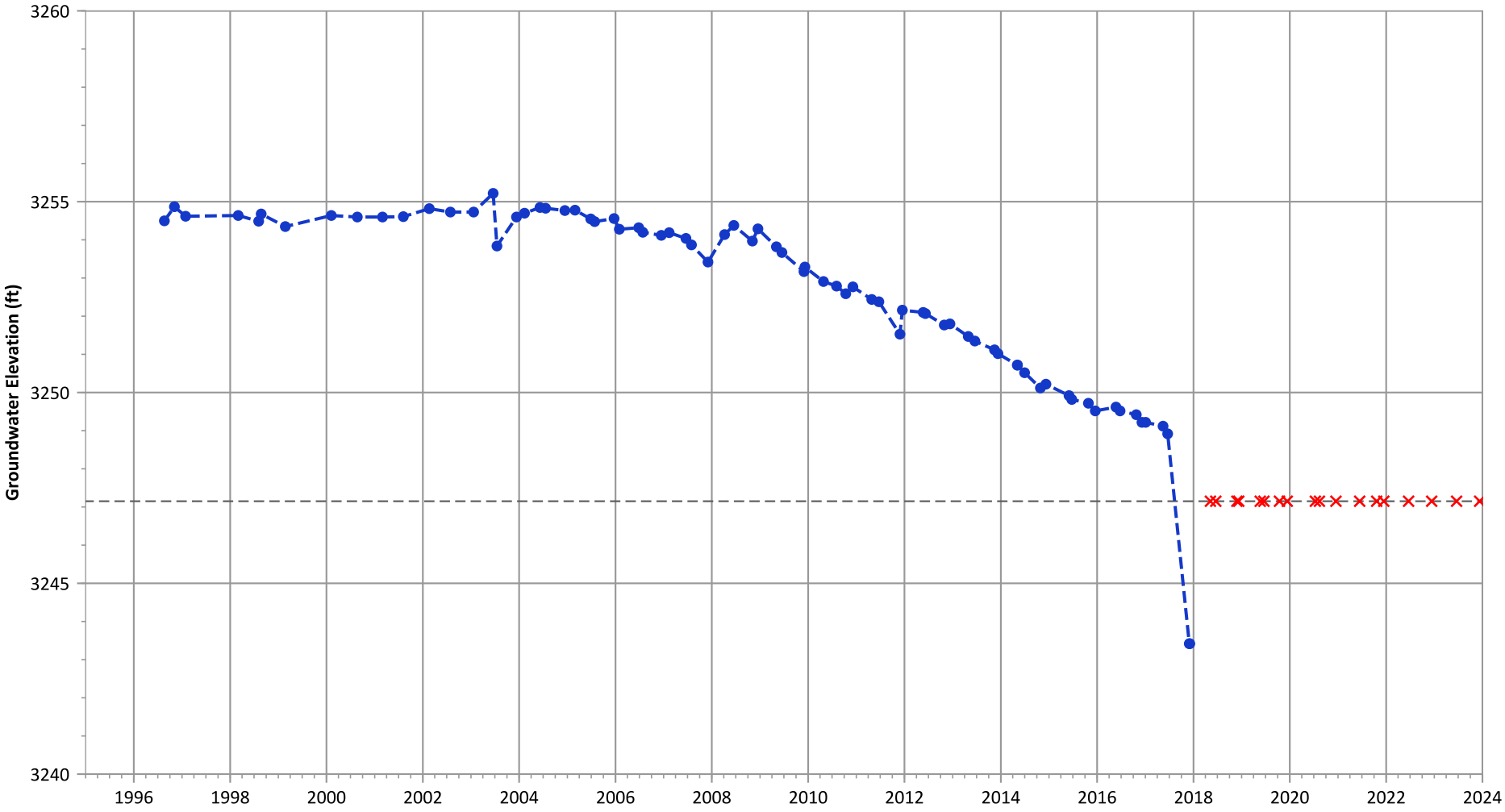
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX06-1030 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

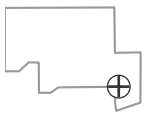


Notes:
1. Top of screen elevation is 3267.15 ft msl.
2. The bottom of screen elevation is 3247.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

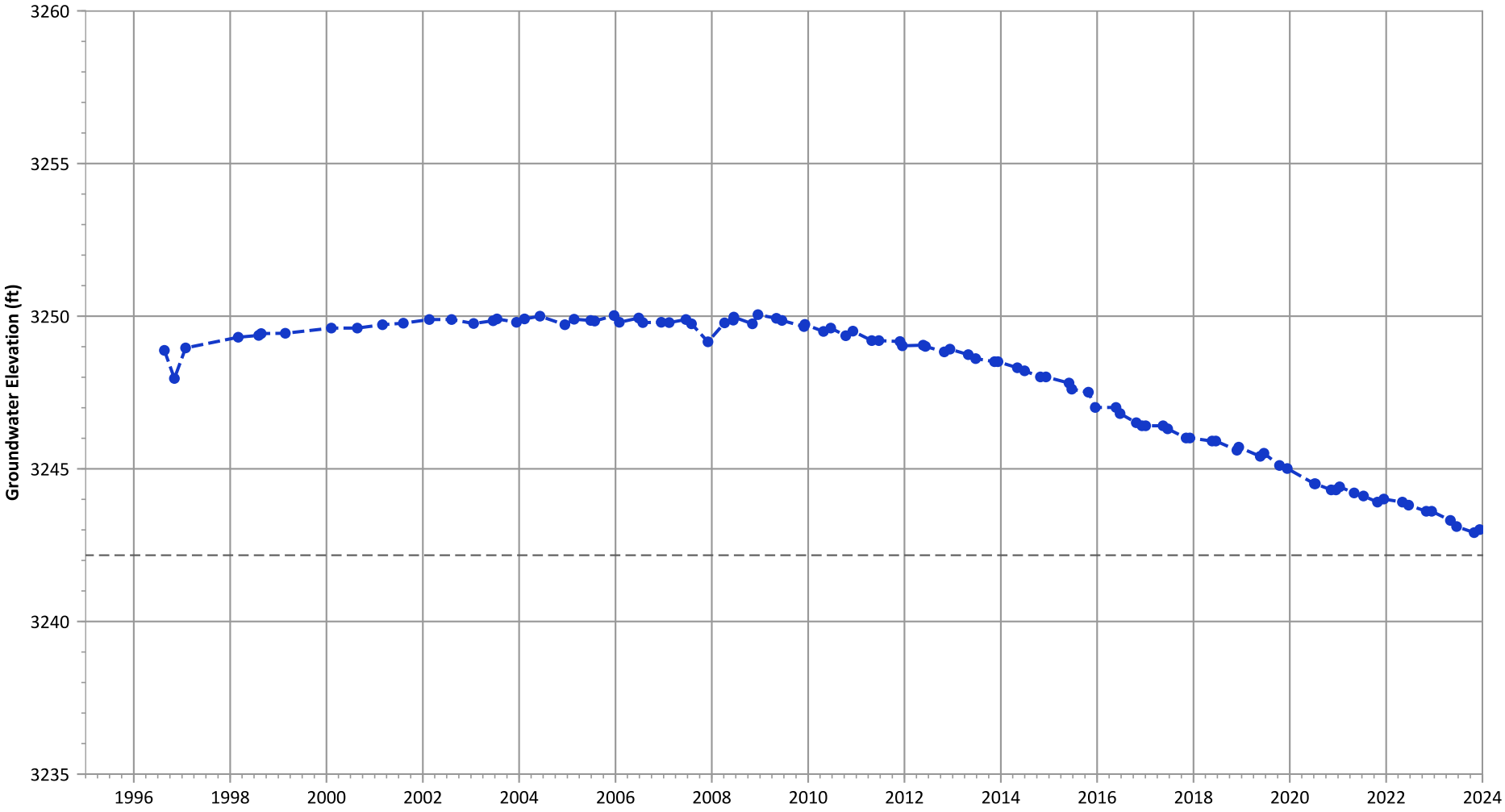
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.77 ft/yr

PTX06-1031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3262.17 ft msl.
2. The bottom of screen elevation is 3242.17 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.

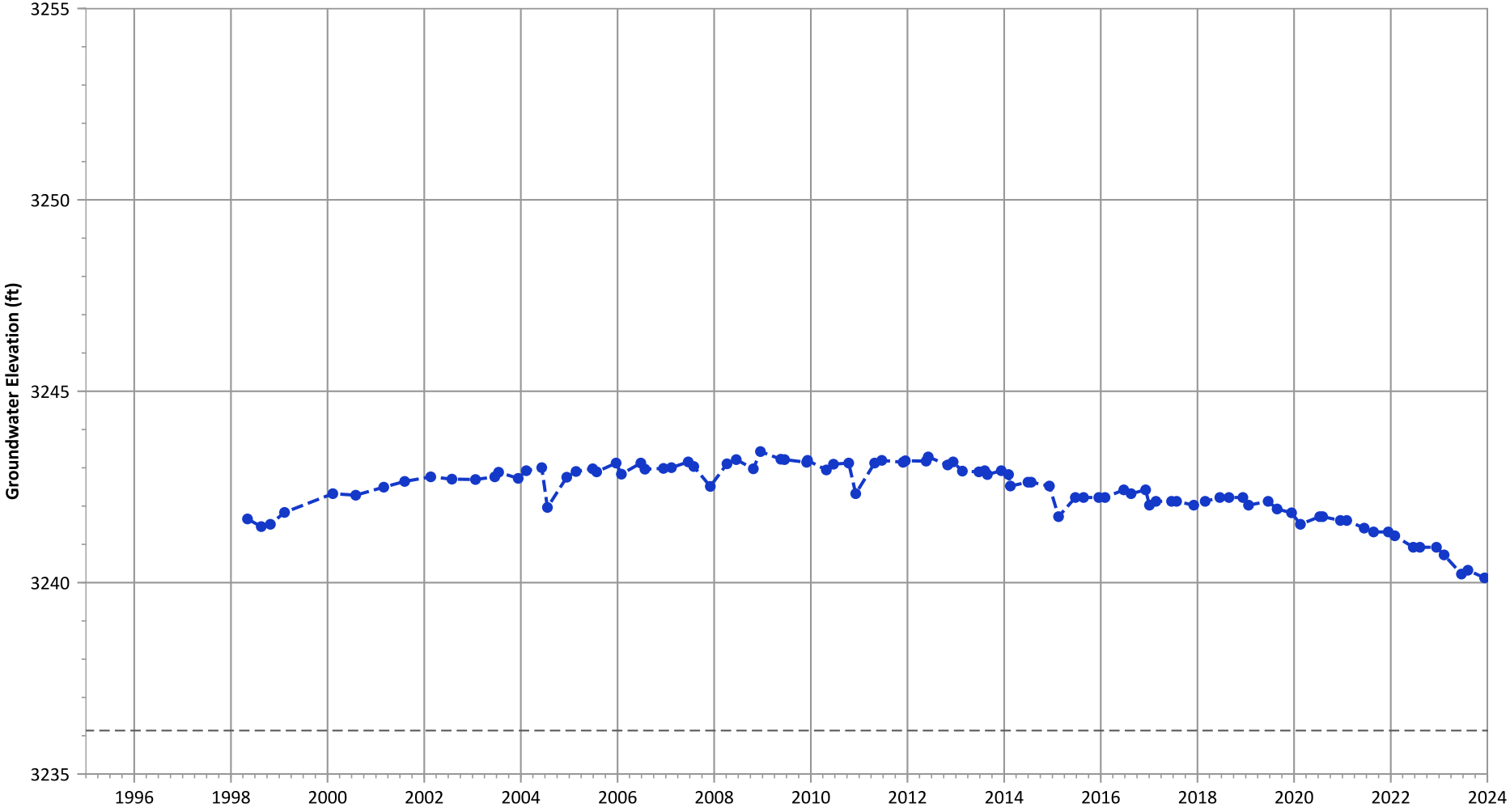
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.62 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.51 ft/yr

PTX06-1034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

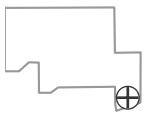


Notes:
1. Top of screen elevation is 3249.84 ft msl.
2. The bottom of screen elevation is 3236.14 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

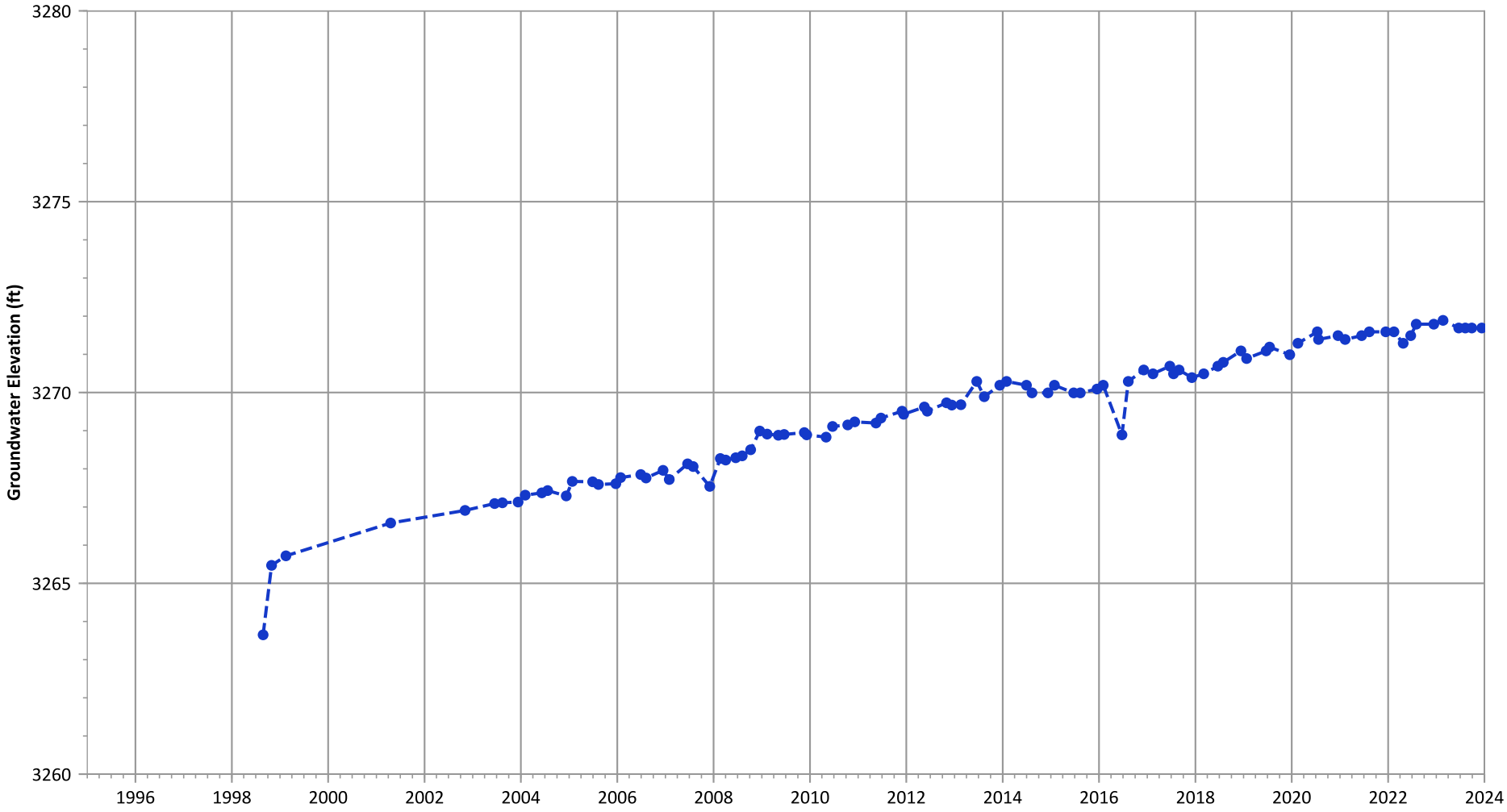
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.61 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.18 ft/yr

PTX06-1035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

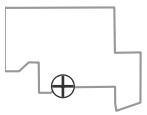


Notes:
1. Top of screen elevation is 3269.88 ft msl.
2. The bottom of screen elevation is 3256.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

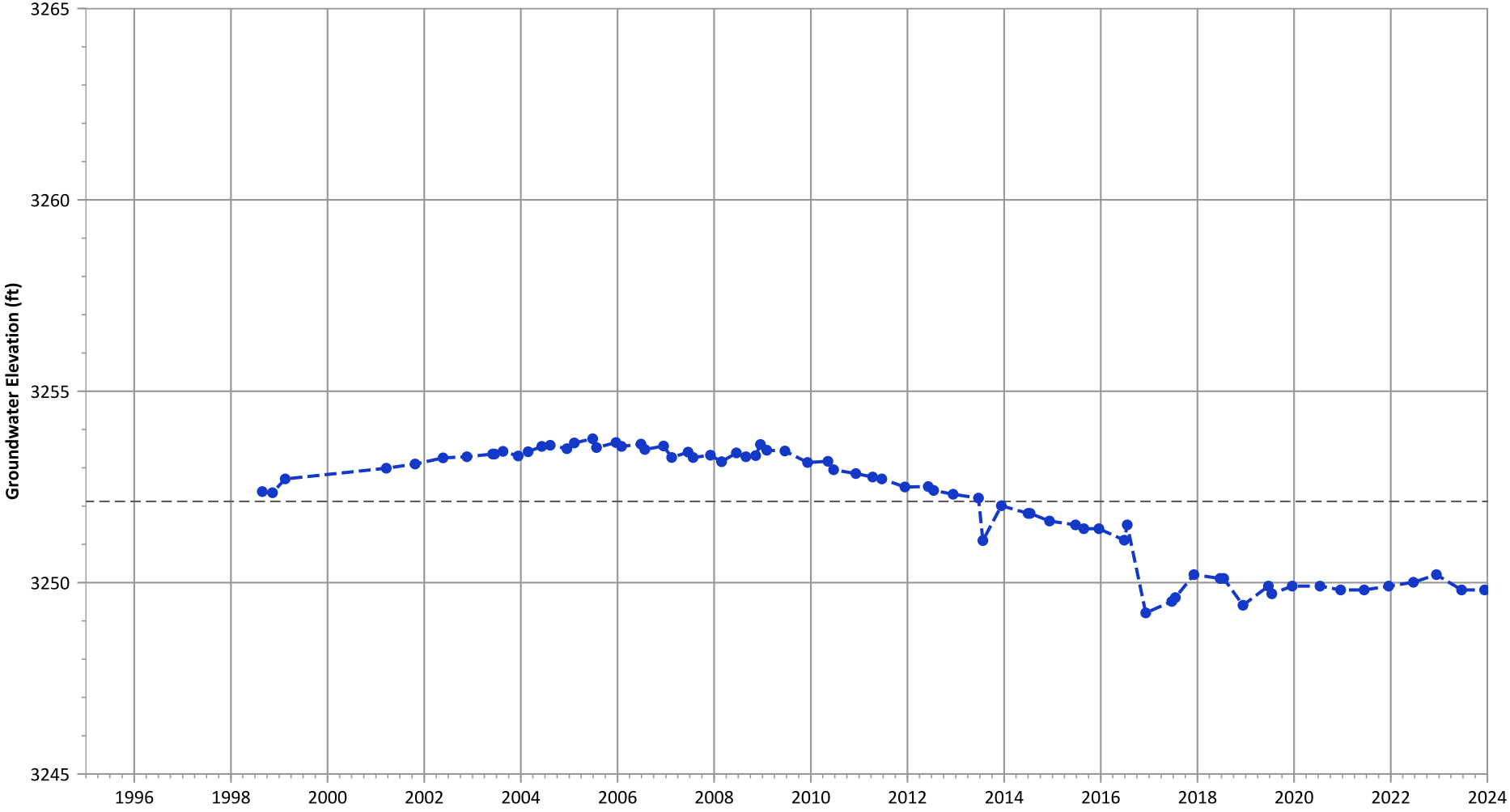
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.21 ft/yr

PTX06-1036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

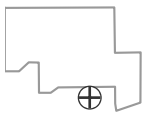


Notes:
1. Top of screen elevation is 3265.72 ft msl.
2. The bottom of screen elevation is 3252.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

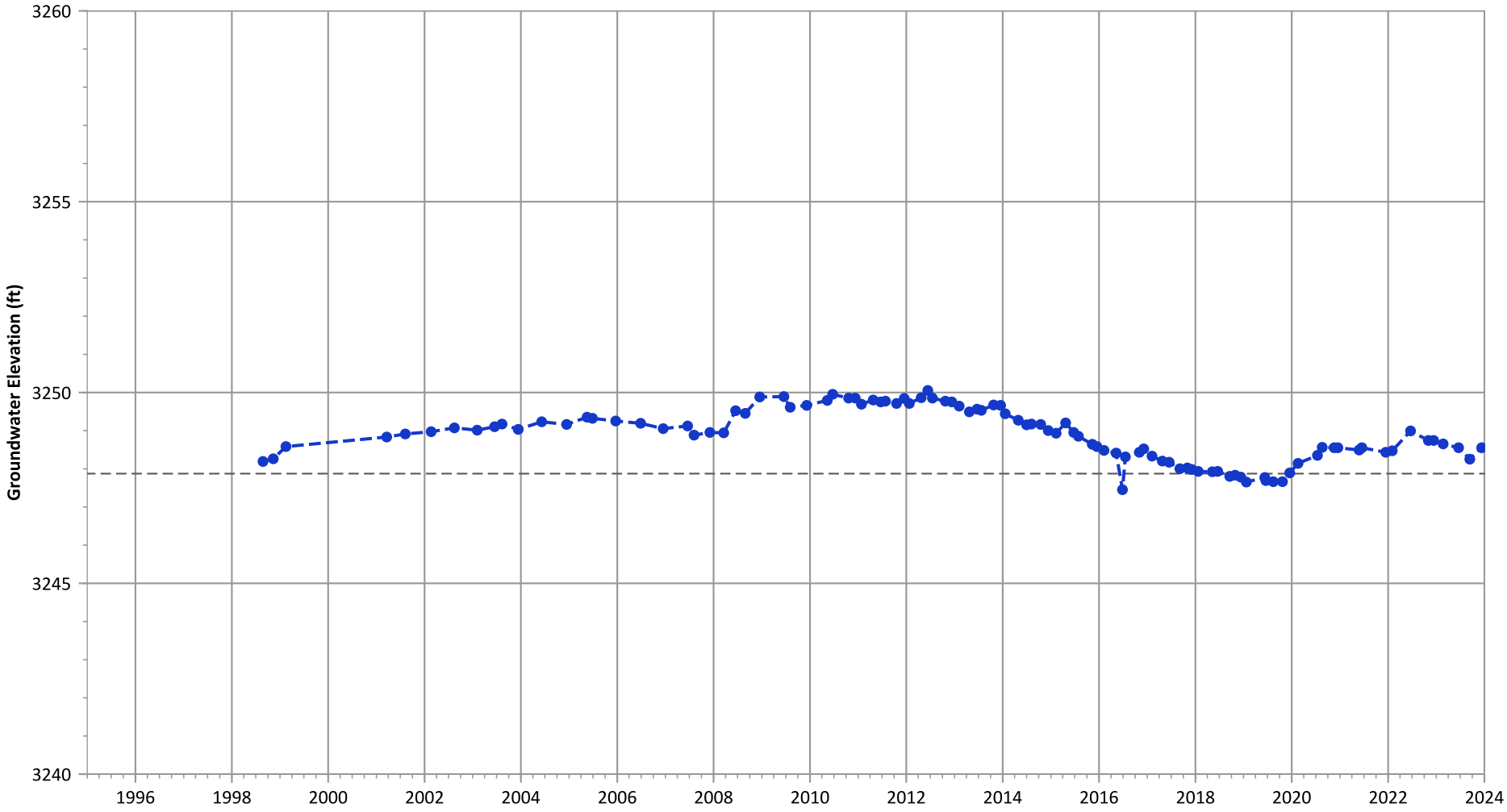
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.21 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.28 ft/yr

PTX06-1037 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

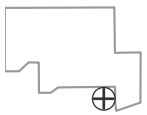


Notes:
1. Top of screen elevation is 3261.47 ft msl.
2. The bottom of screen elevation is 3247.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

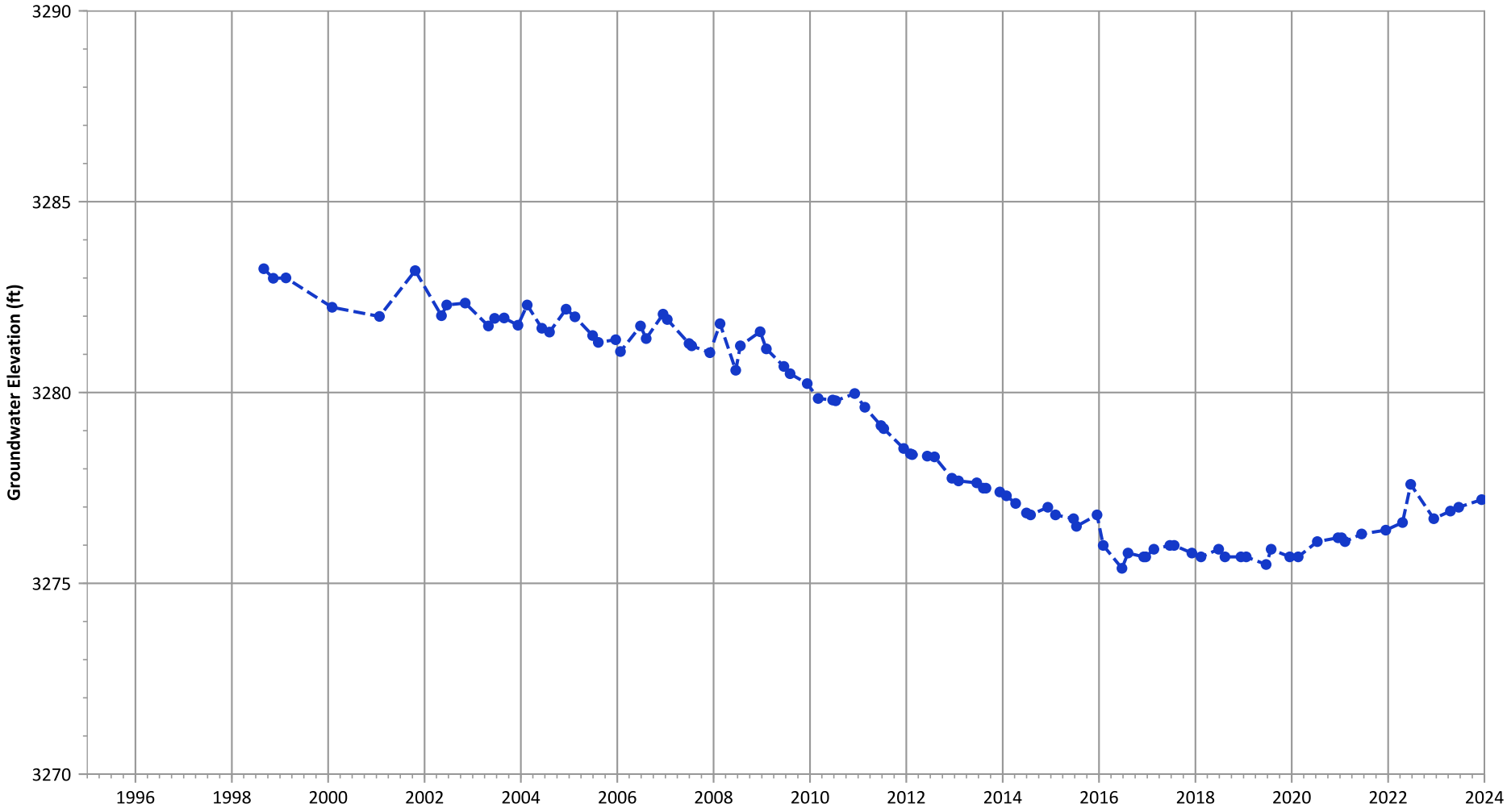
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.14 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.

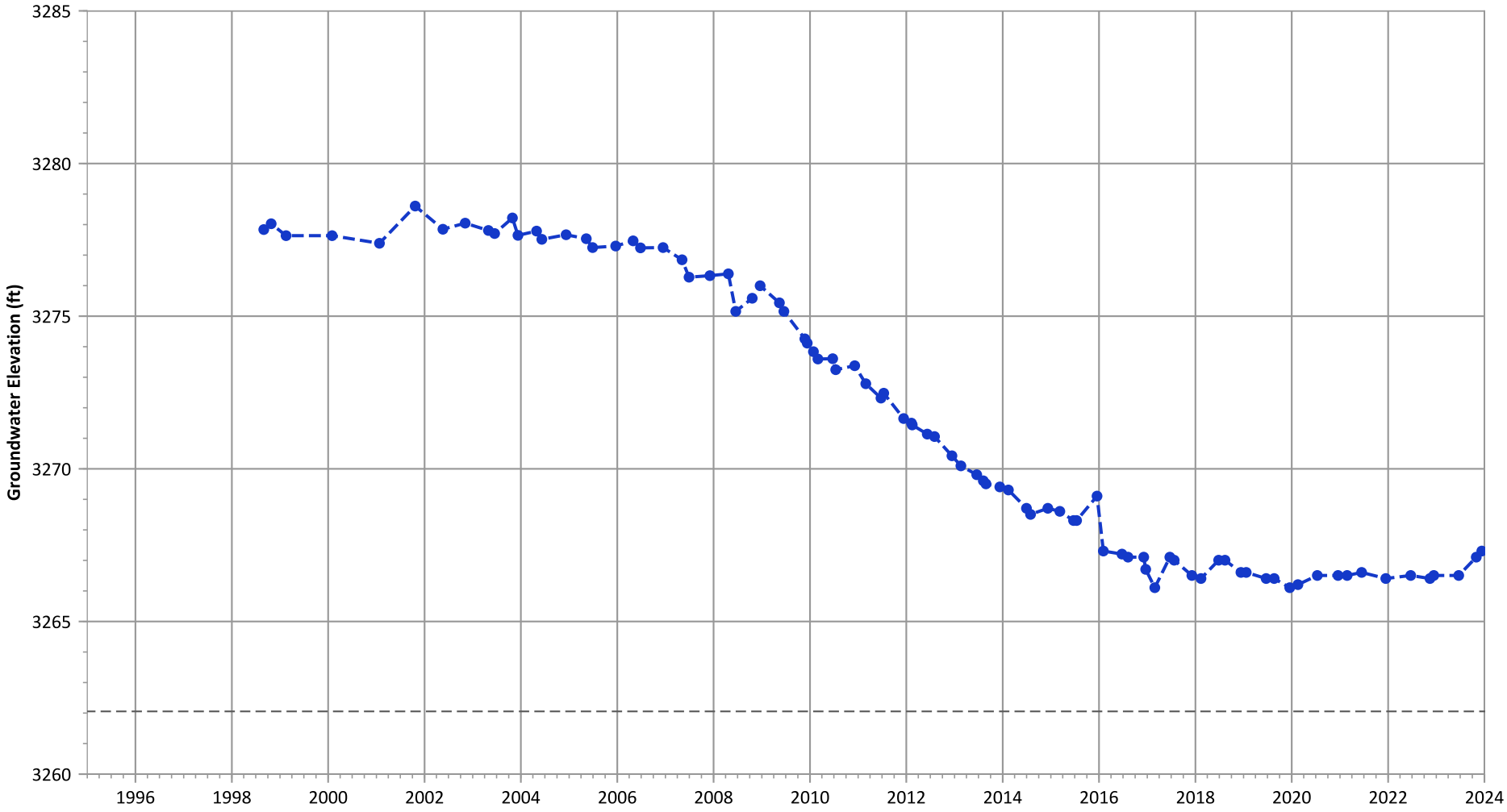
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.26 ft/yr

PTX06-1039A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

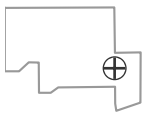


Notes:
1. Top of screen elevation is 3285.76 ft msl.
2. The bottom of screen elevation is 3262.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

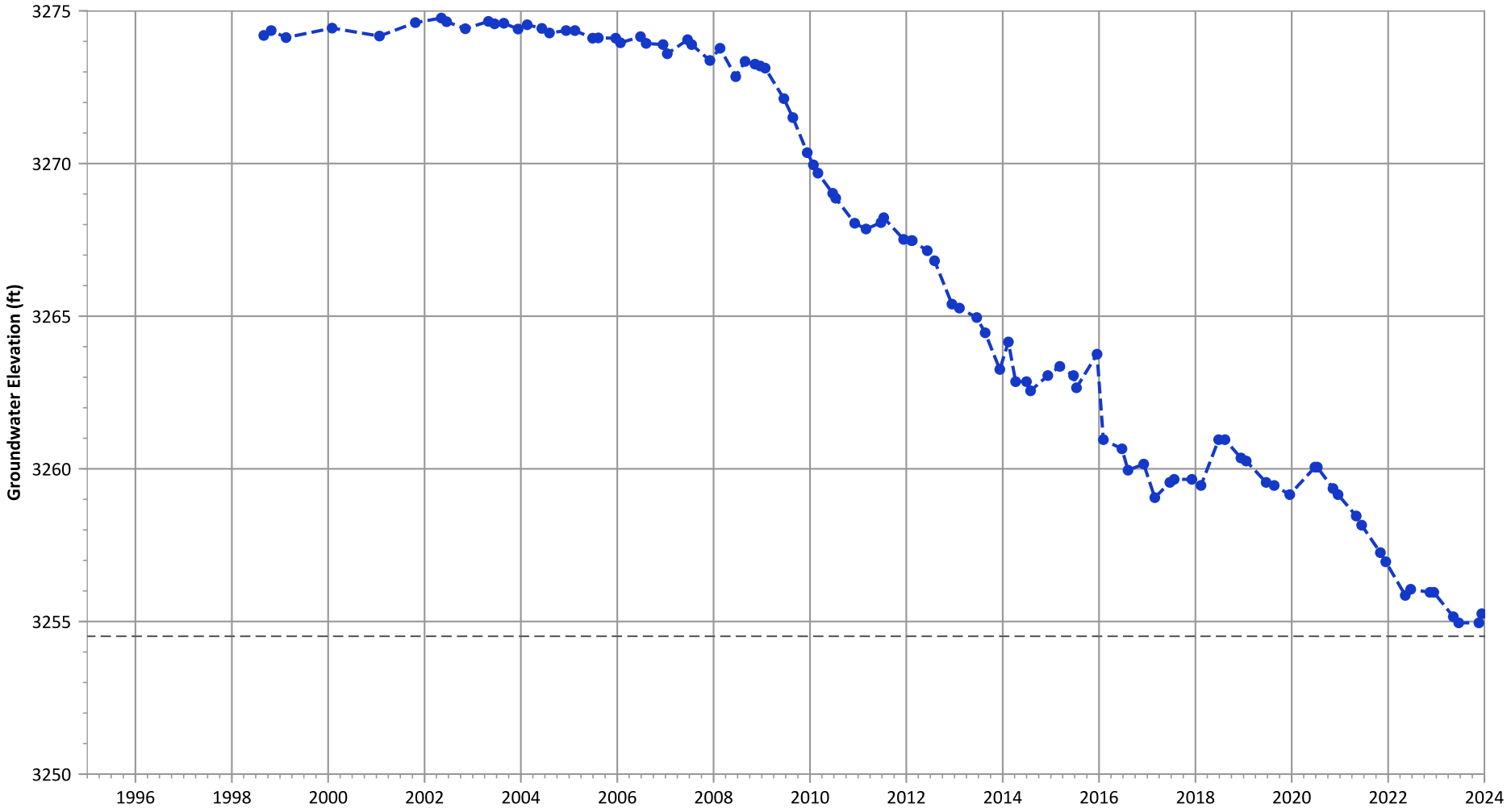
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.55 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.56 ft/yr

PTX06-1040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

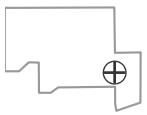


Notes:
1. Top of screen elevation is 3295.32 ft msl.
2. The bottom of screen elevation is 3254.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

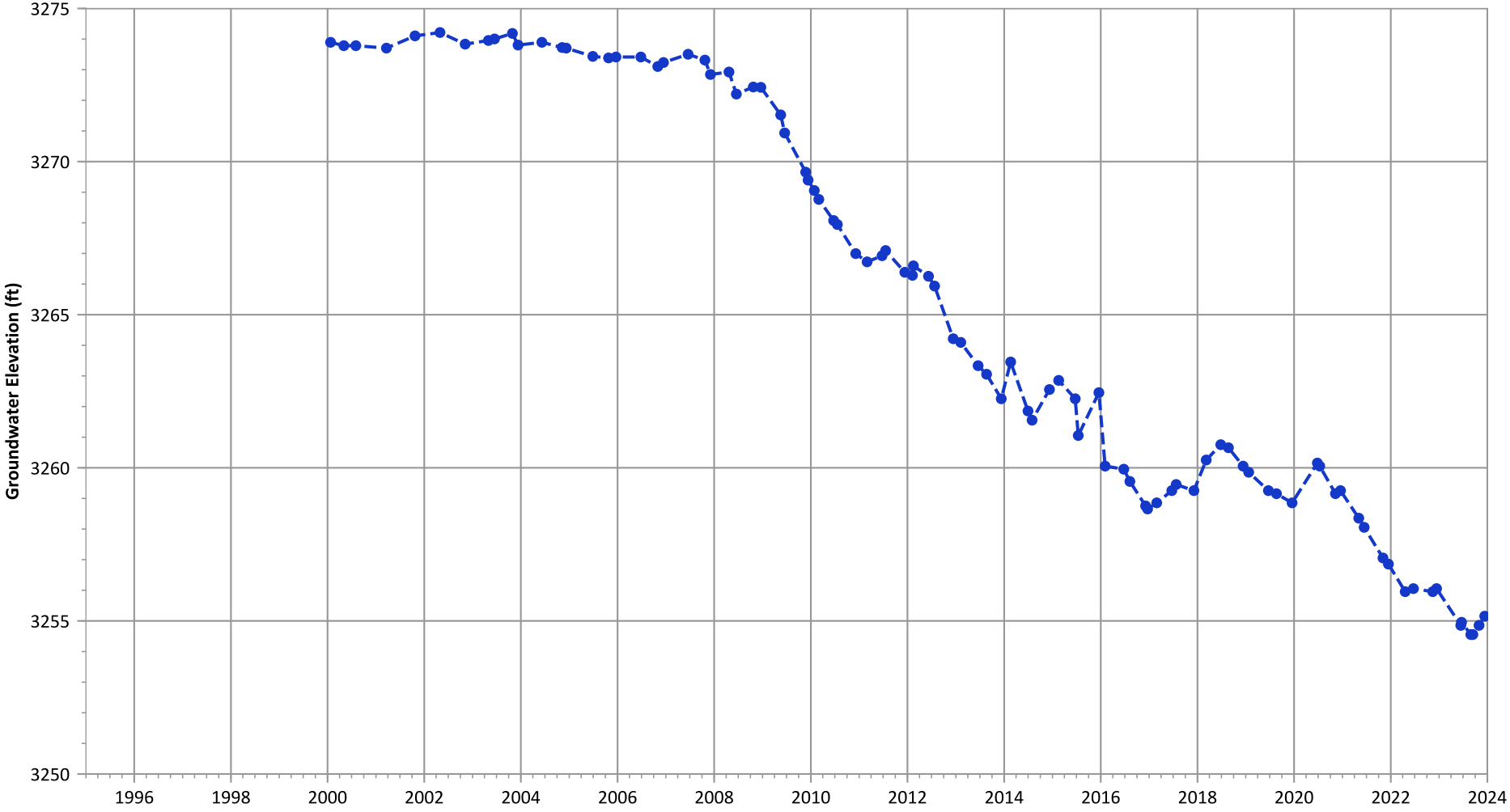
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.68 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.02 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.

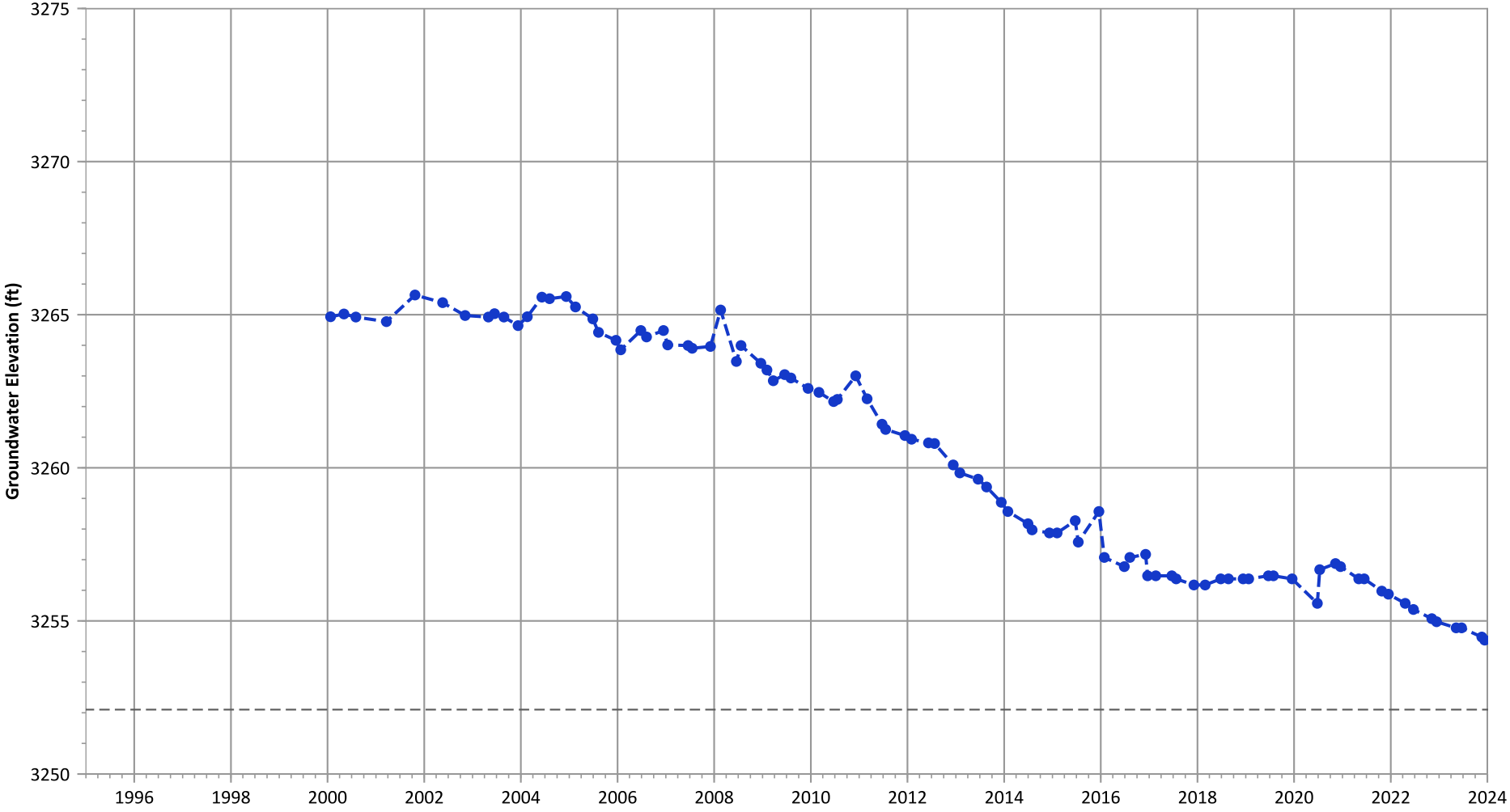
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.94 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.93 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.

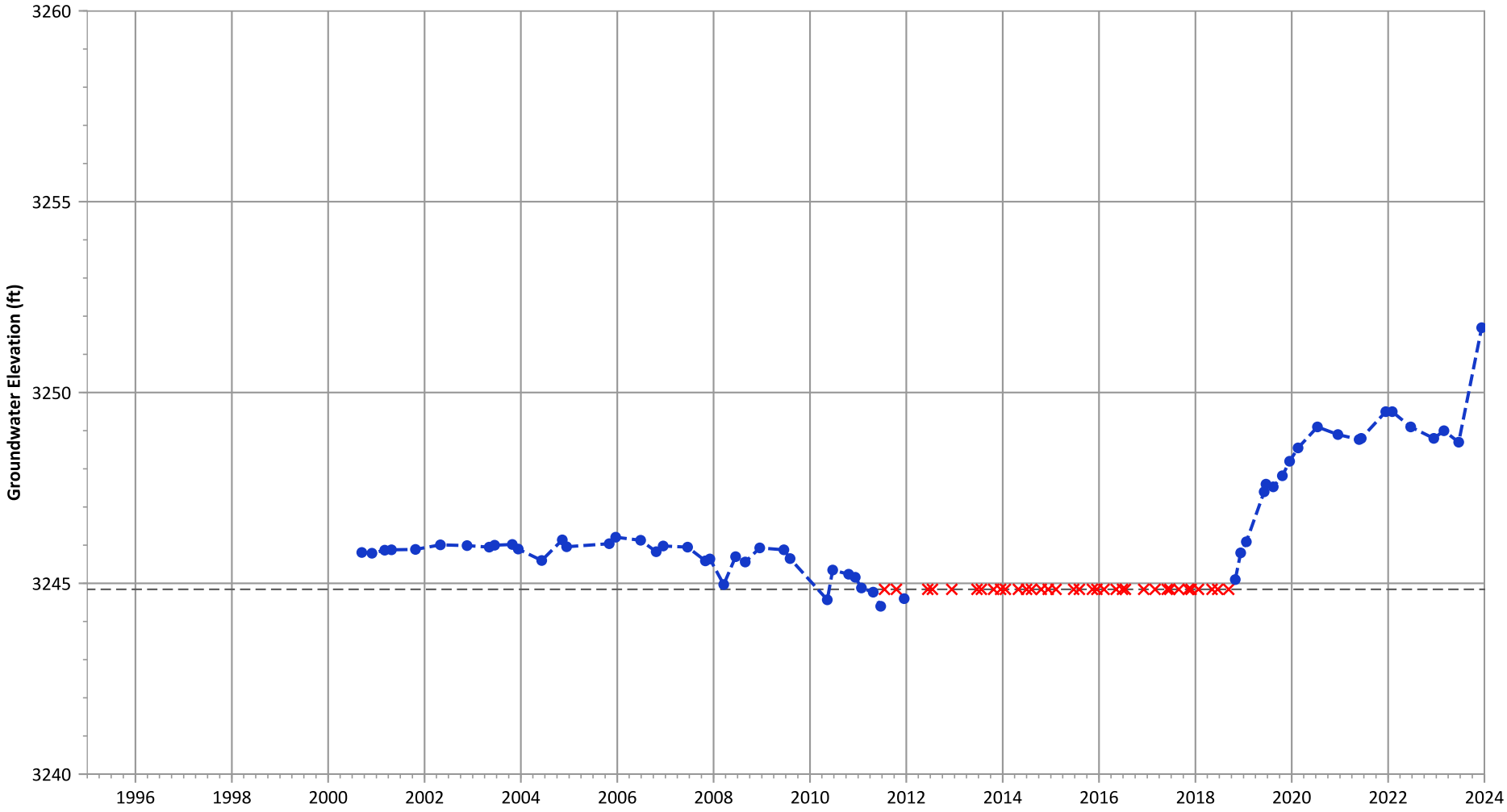
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.67 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.55 ft/yr

PTX06-1045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

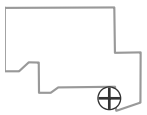


Notes:
1. Top of screen elevation is 3264.84 ft msl.
2. The bottom of screen elevation is 3244.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

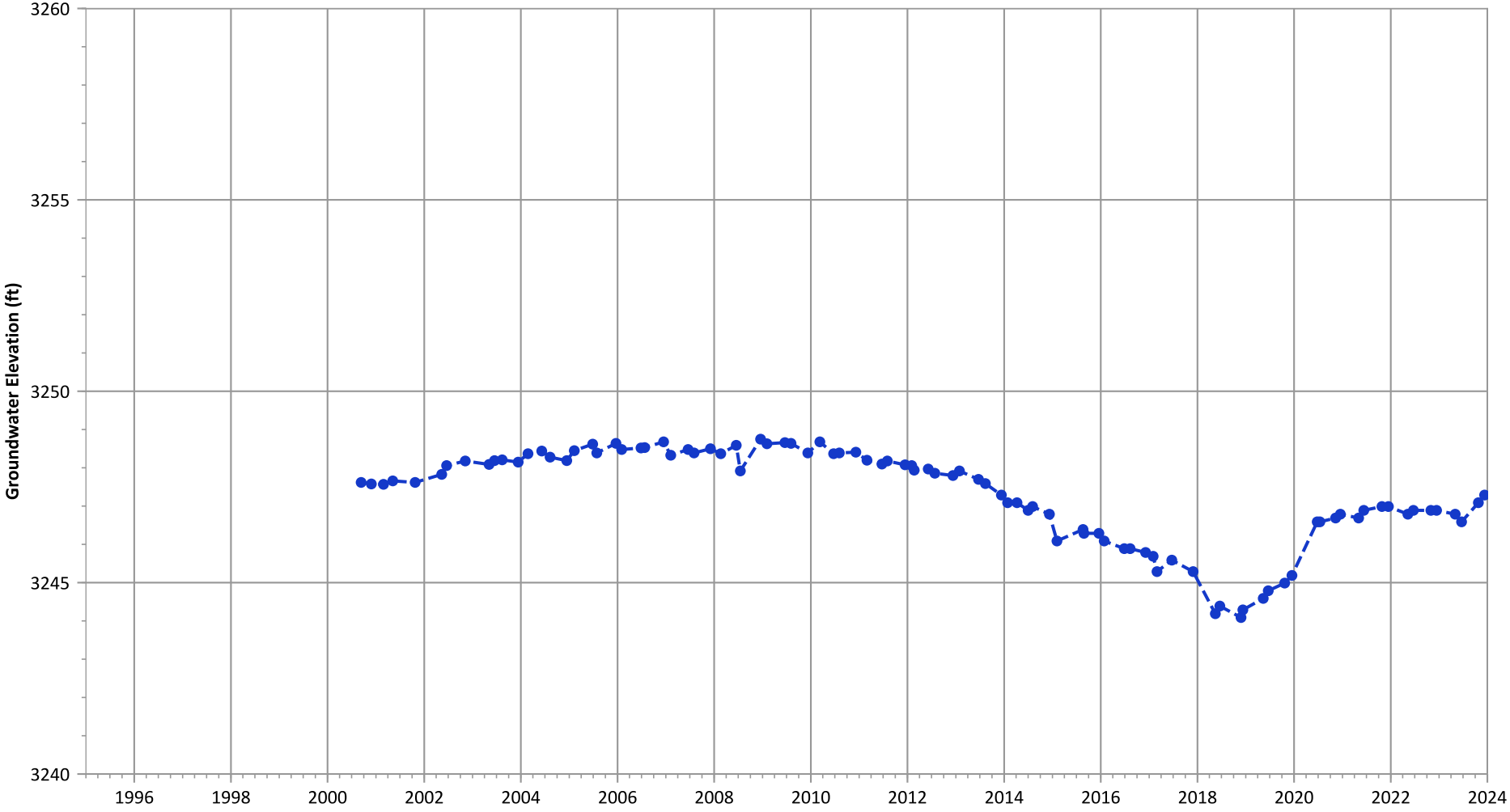
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.83 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.36 ft/yr

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.

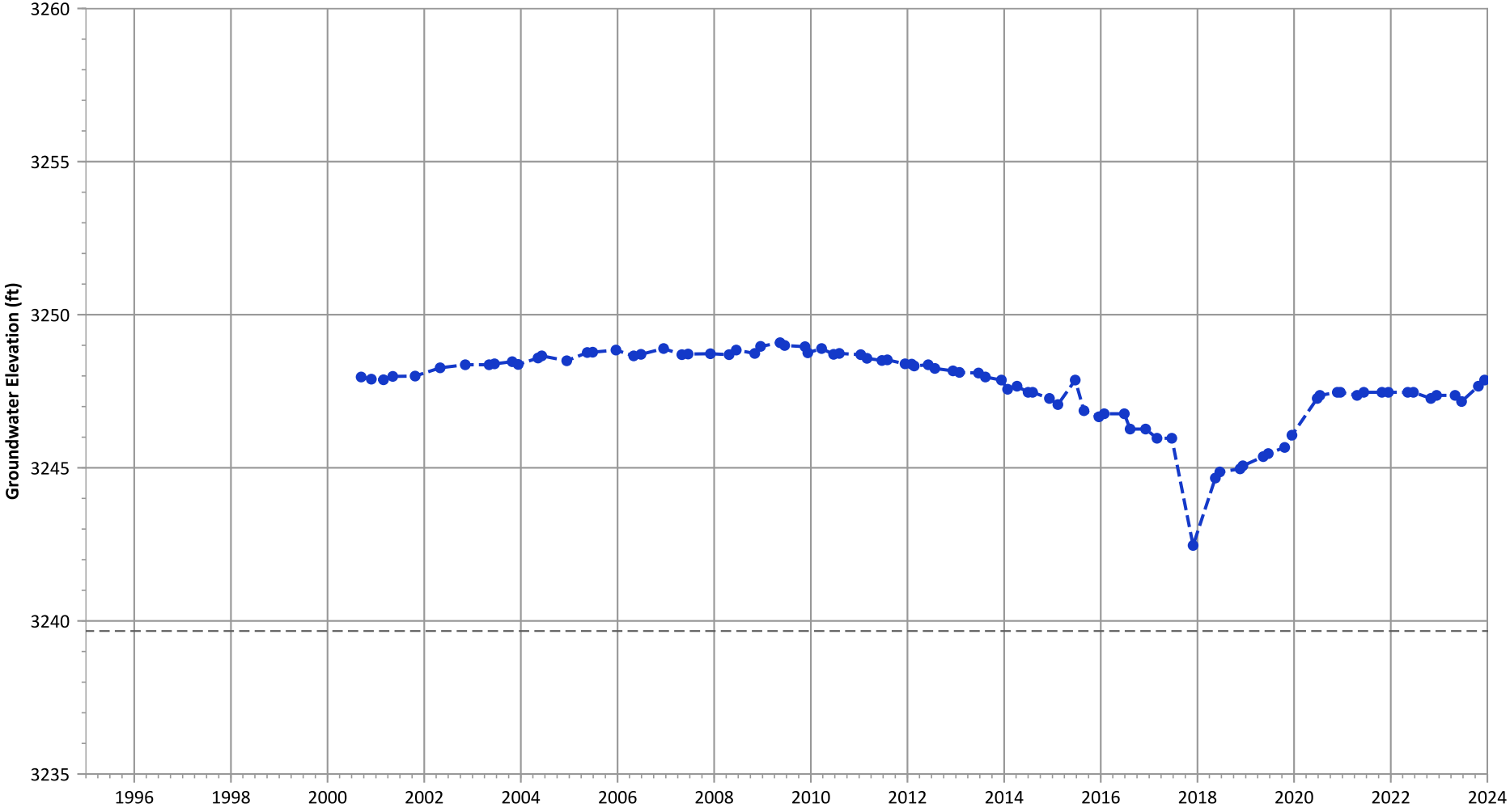
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.16 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.

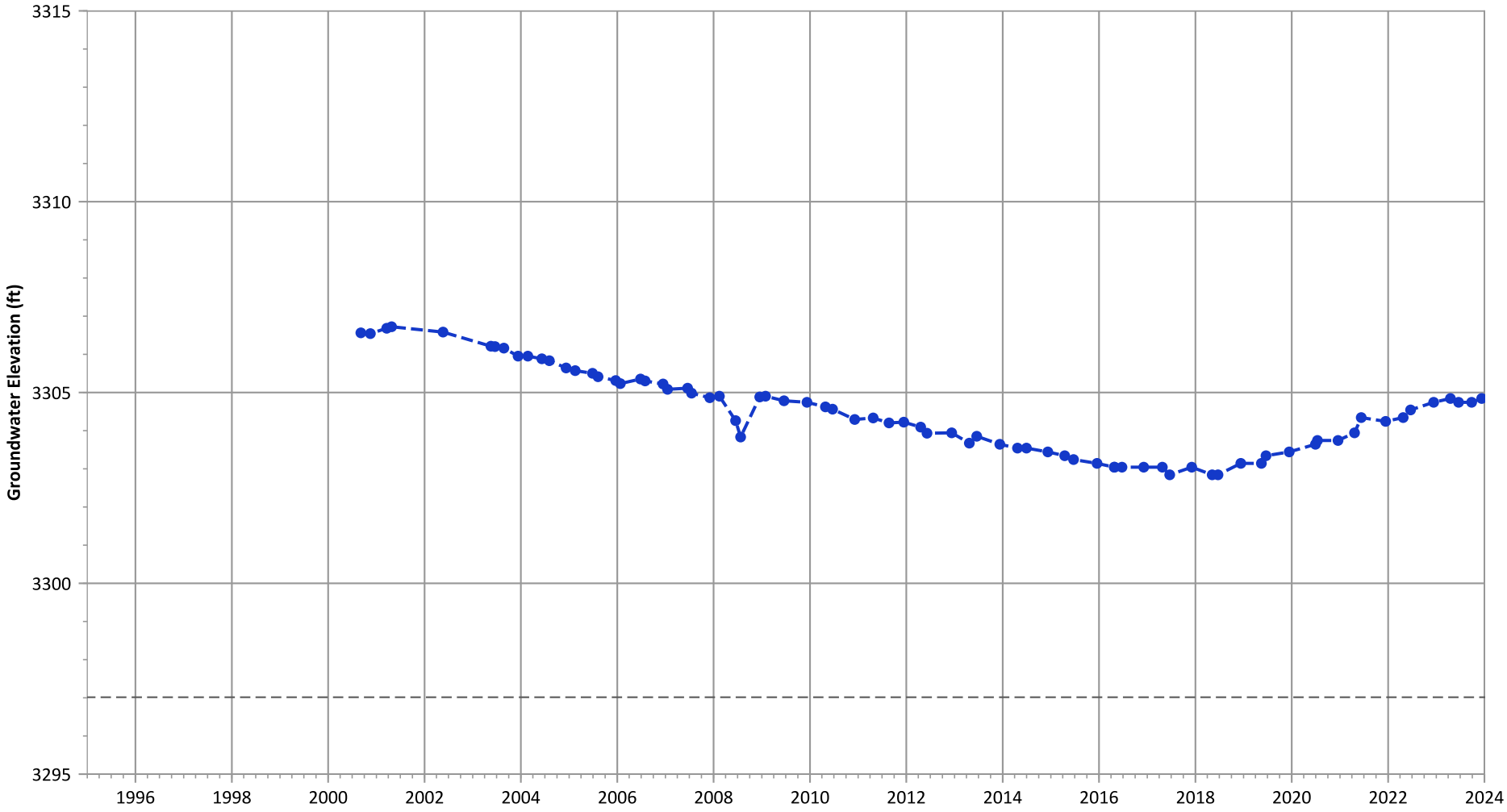
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.14 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.

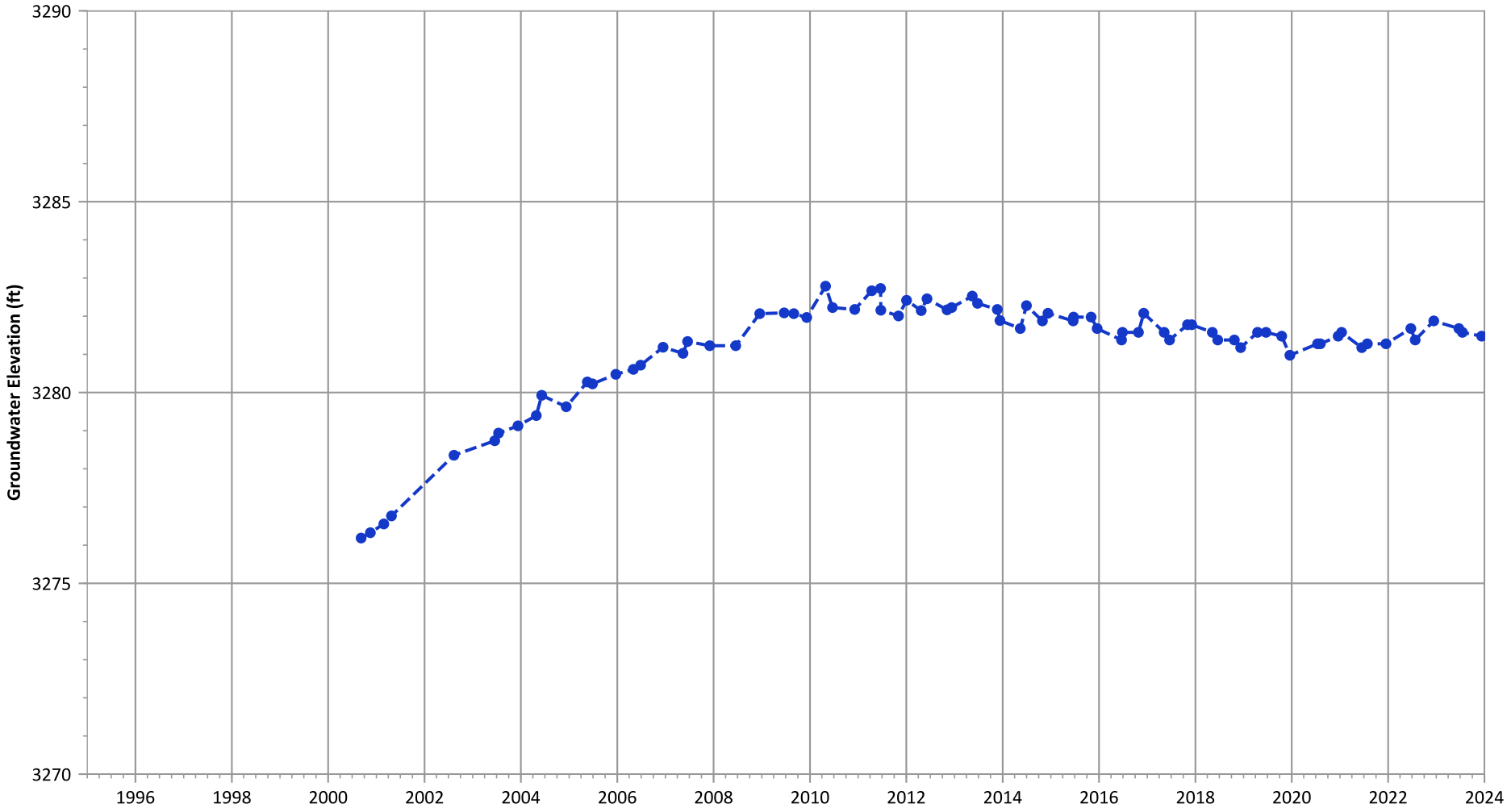
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.25 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

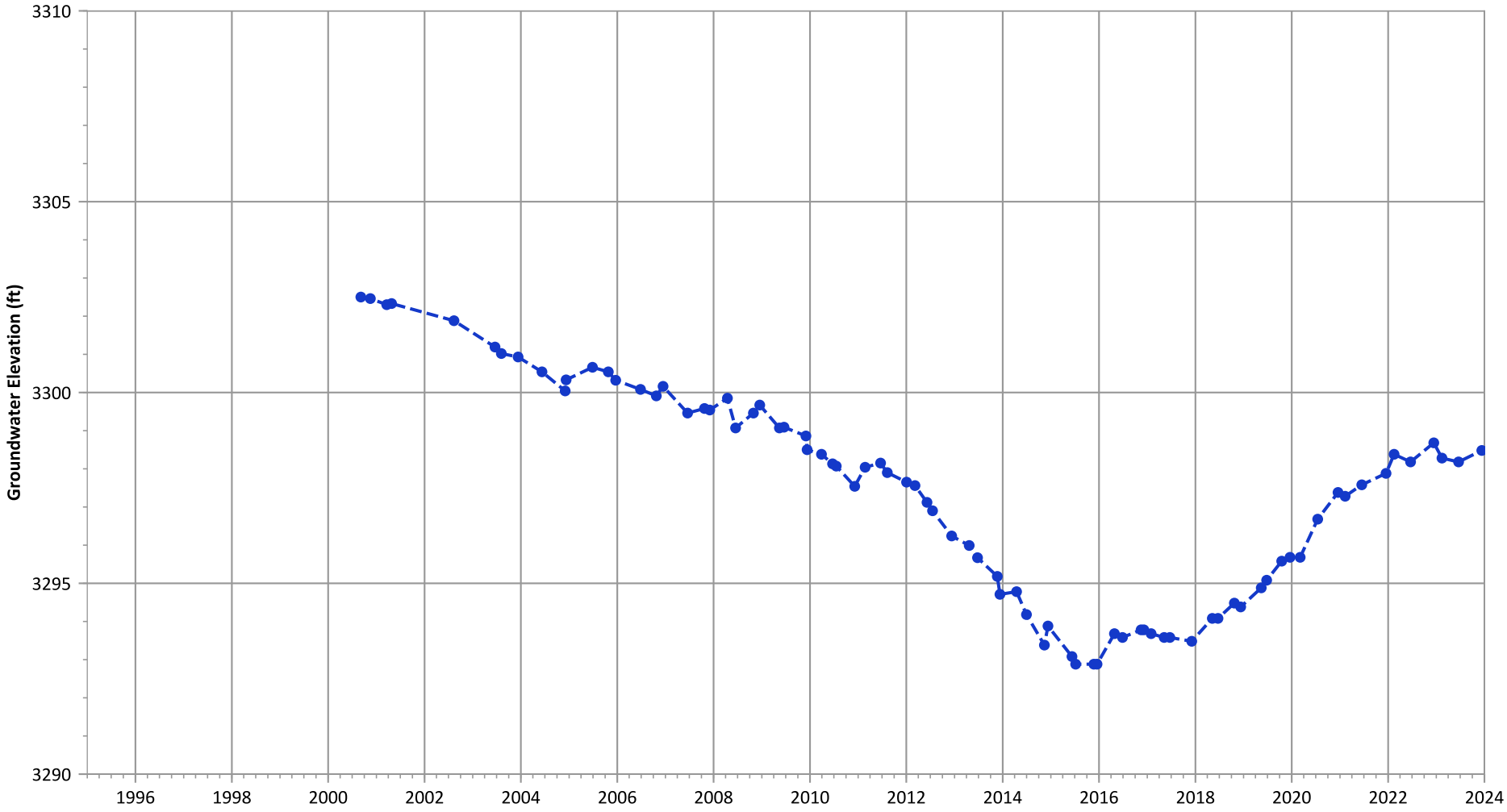
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

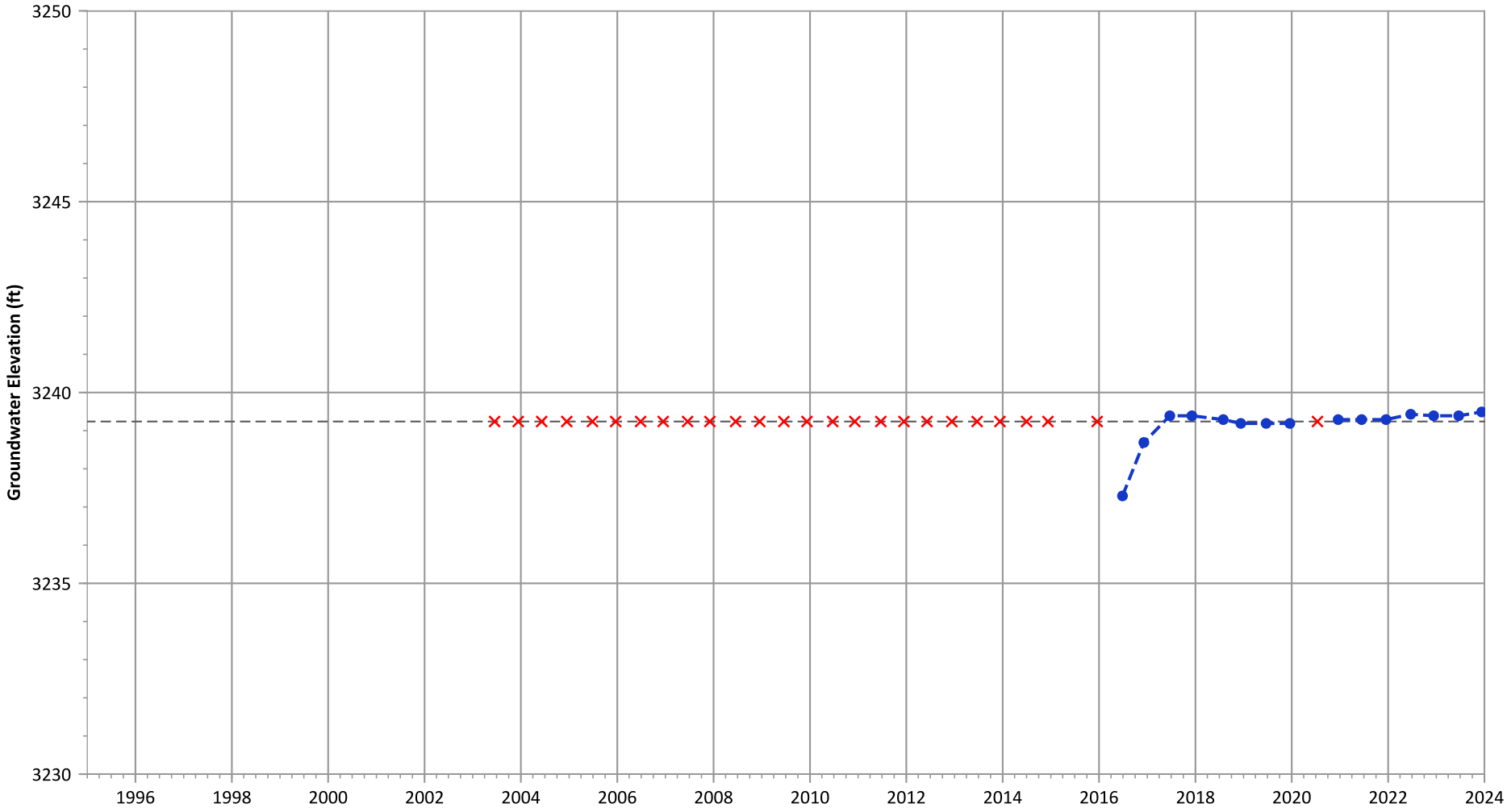
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

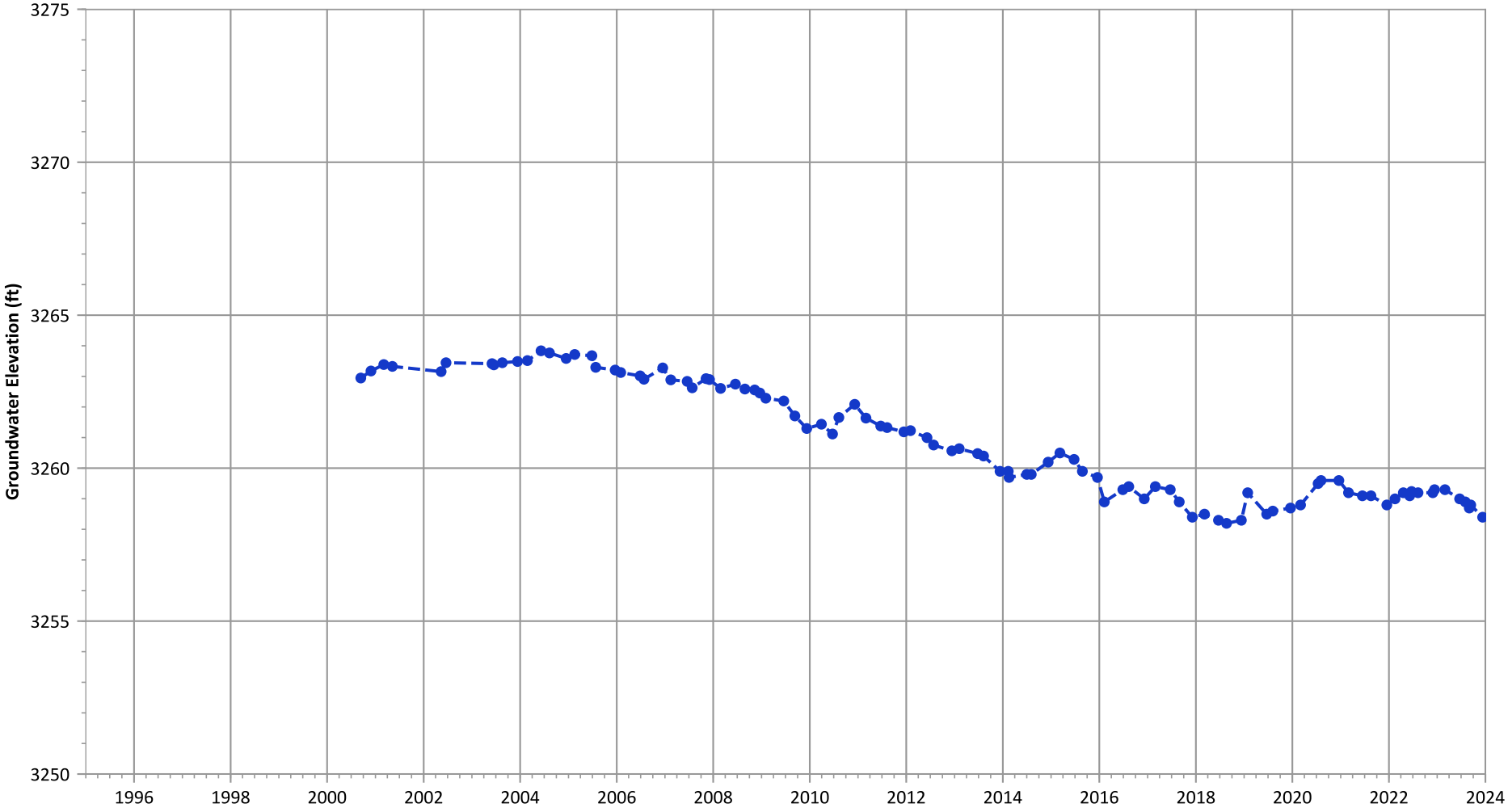
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.13 ft/yr

PTX06-1052 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

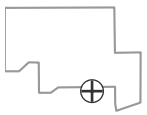


Notes:
1. Top of screen elevation is 3266.45 ft msl.
2. The bottom of screen elevation is 3246.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

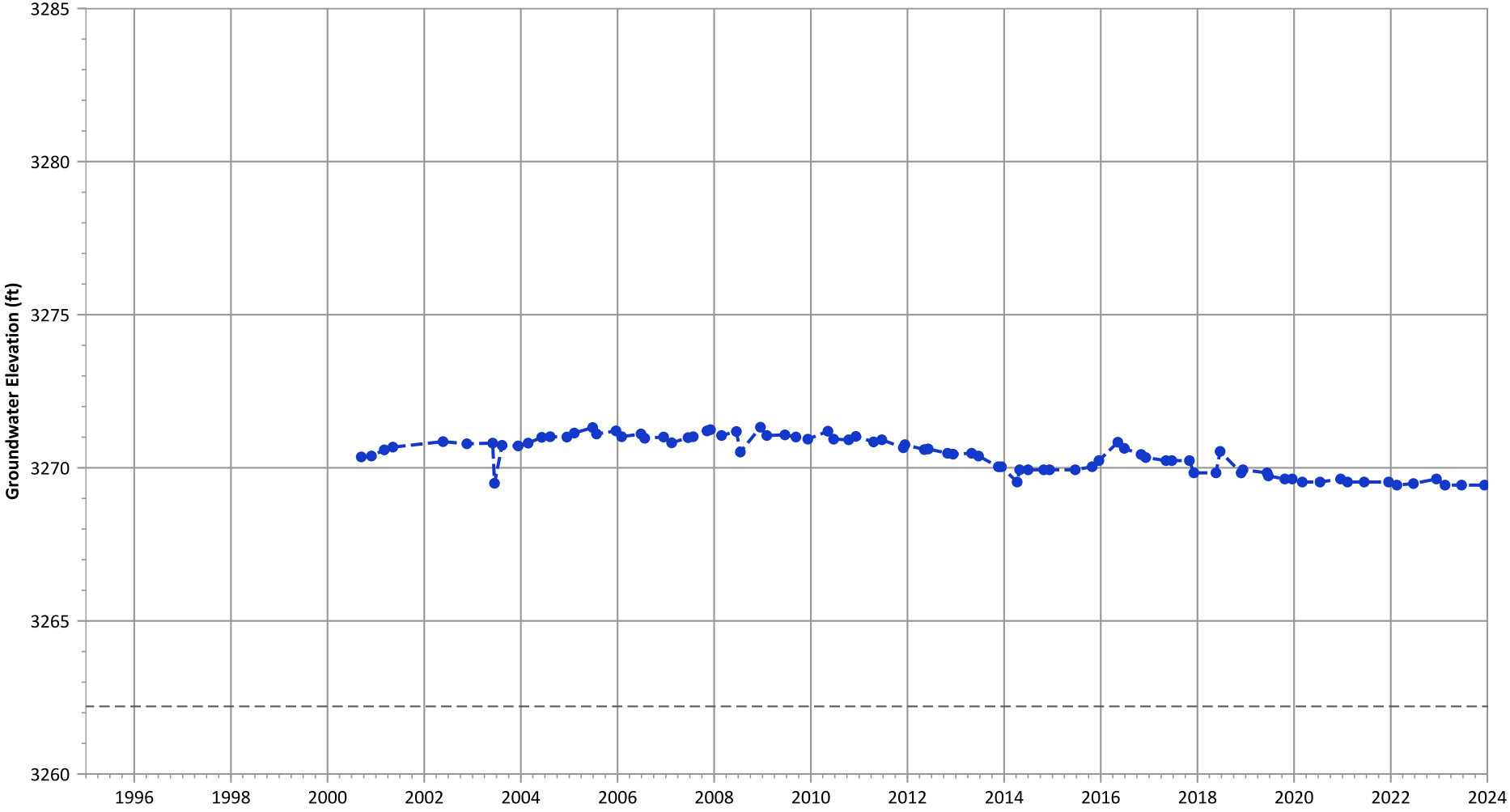
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.31 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.2 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.

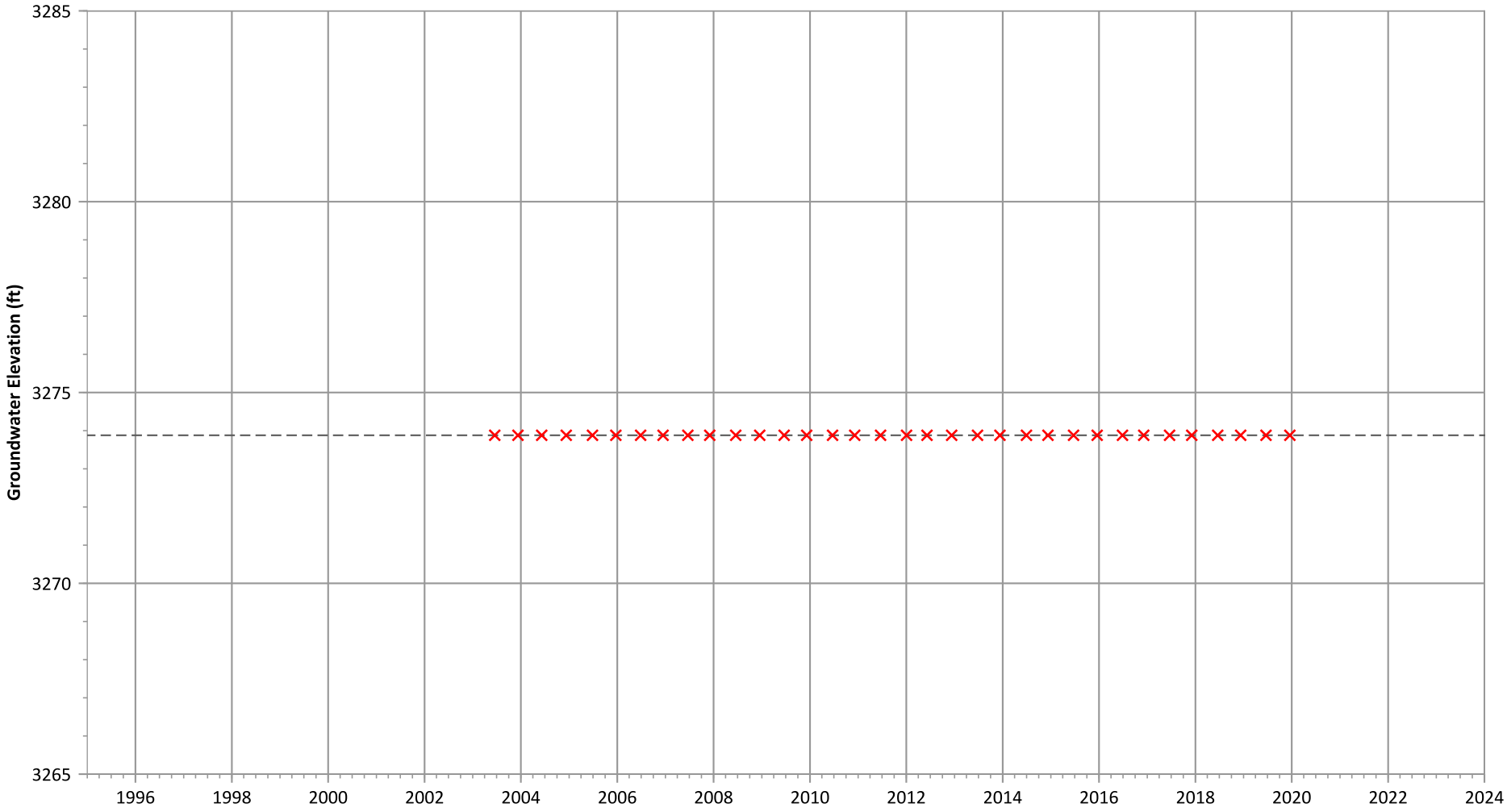
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.11 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.

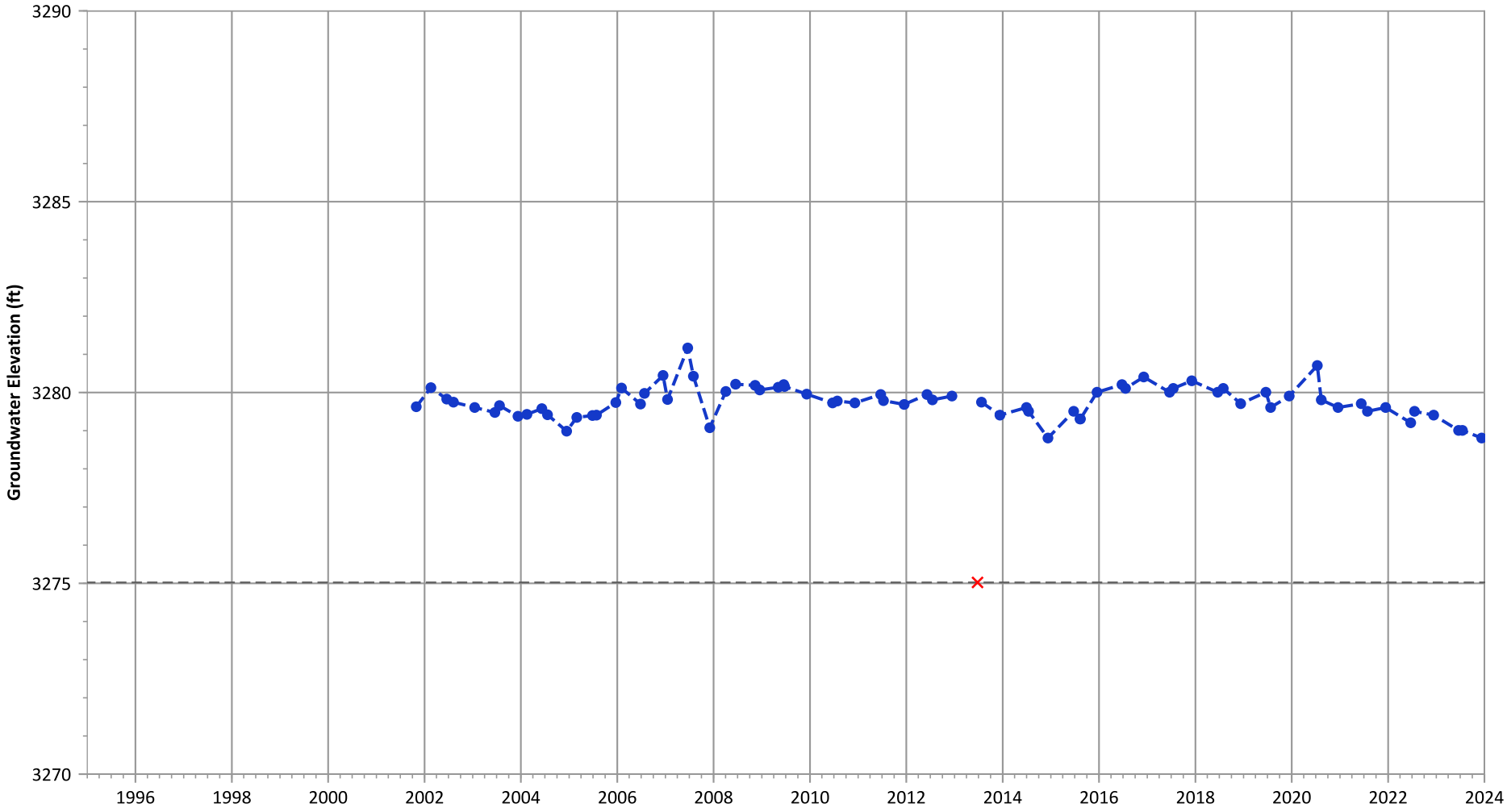
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1069 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

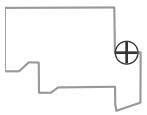


Notes:
1. Top of screen elevation is 3295.02 ft msl.
2. The bottom of screen elevation is 3275.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

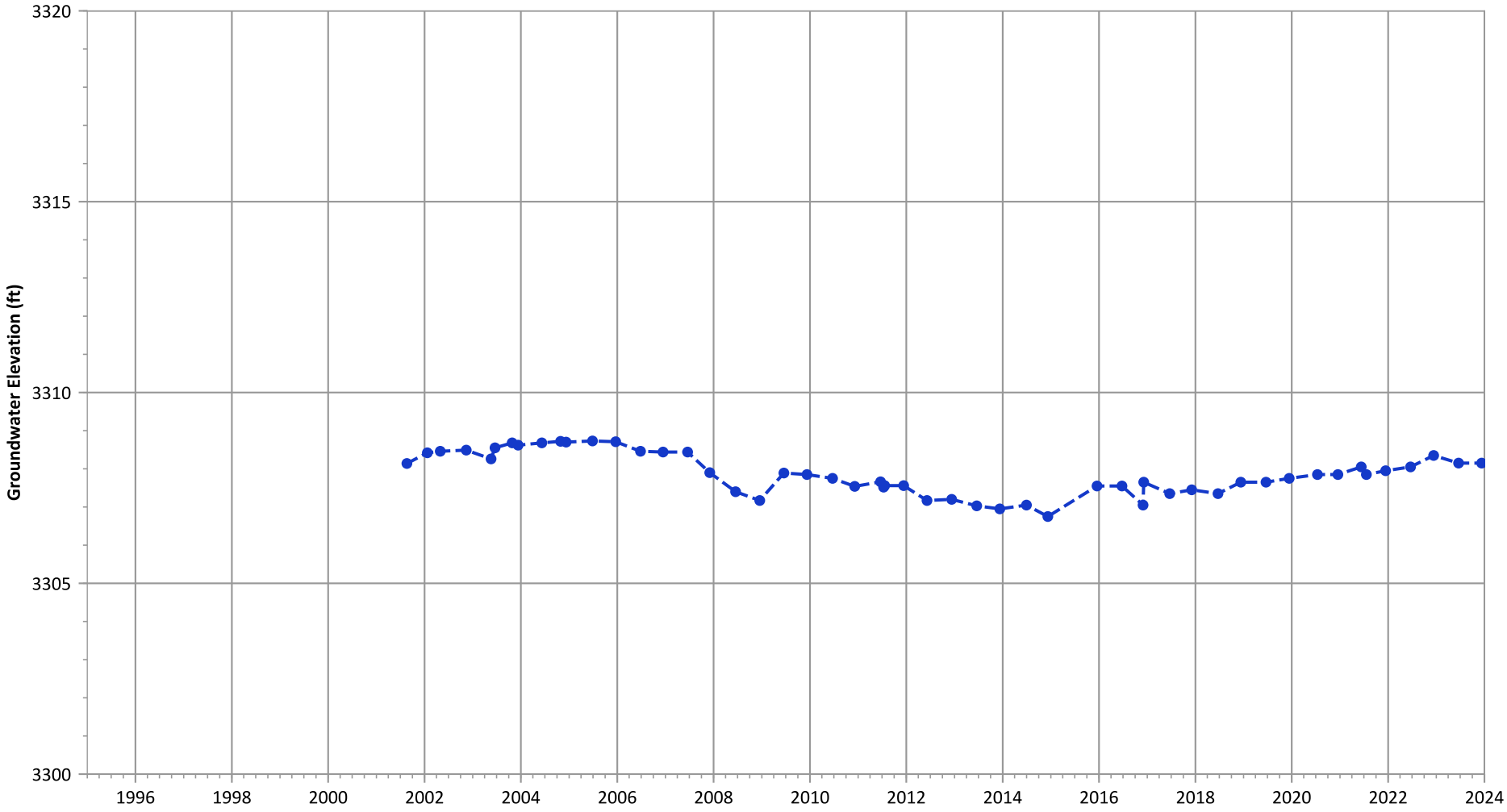
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.39 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

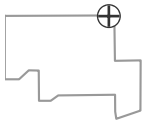


Notes:
1. Top of screen elevation is 3289.16 ft msl.
2. The bottom of screen elevation is 3279.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

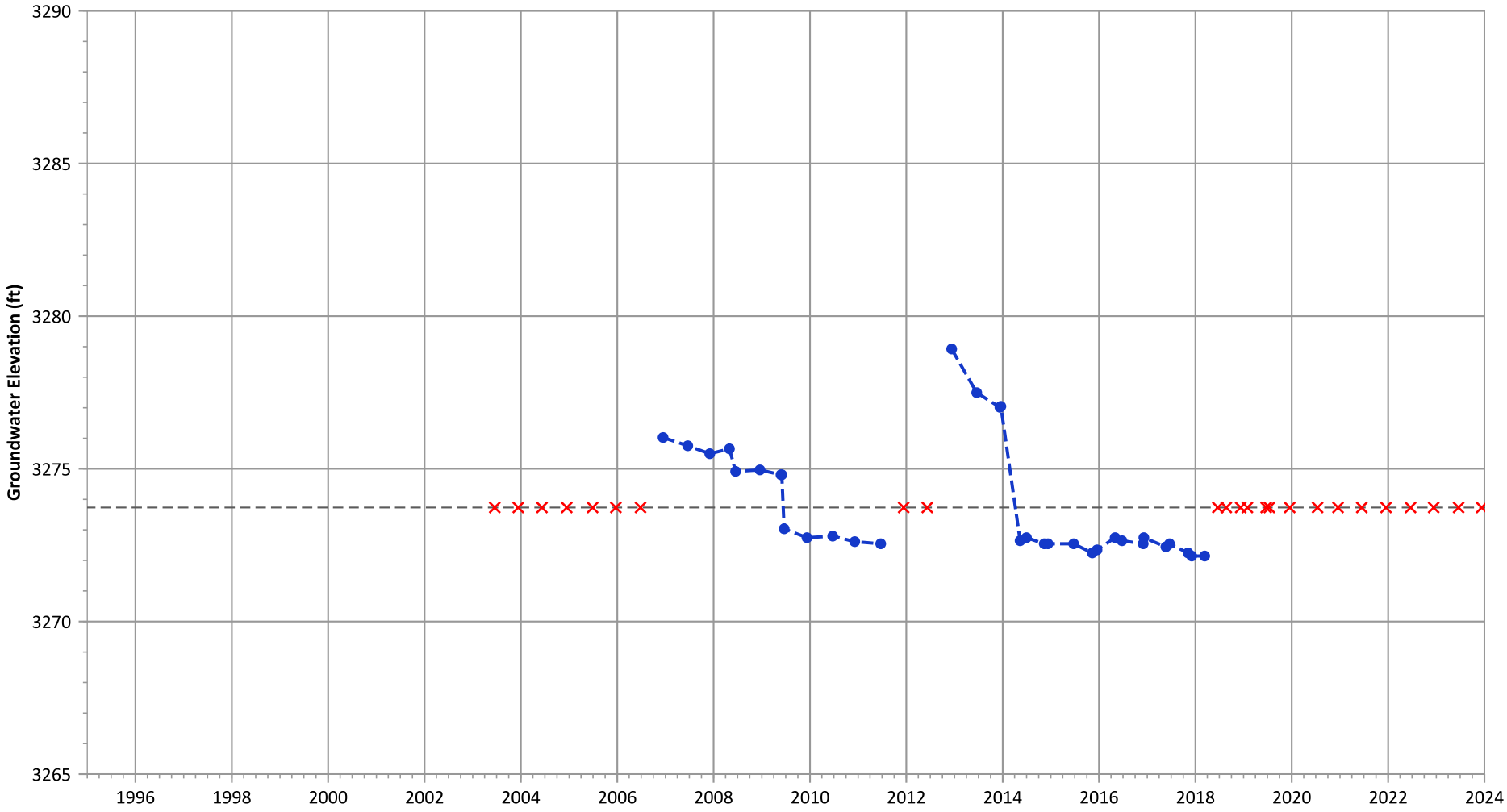
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1073A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

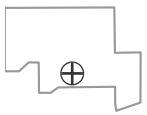


Notes:
1. Top of screen elevation is 3303.73 ft msl.
2. The bottom of screen elevation is 3273.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

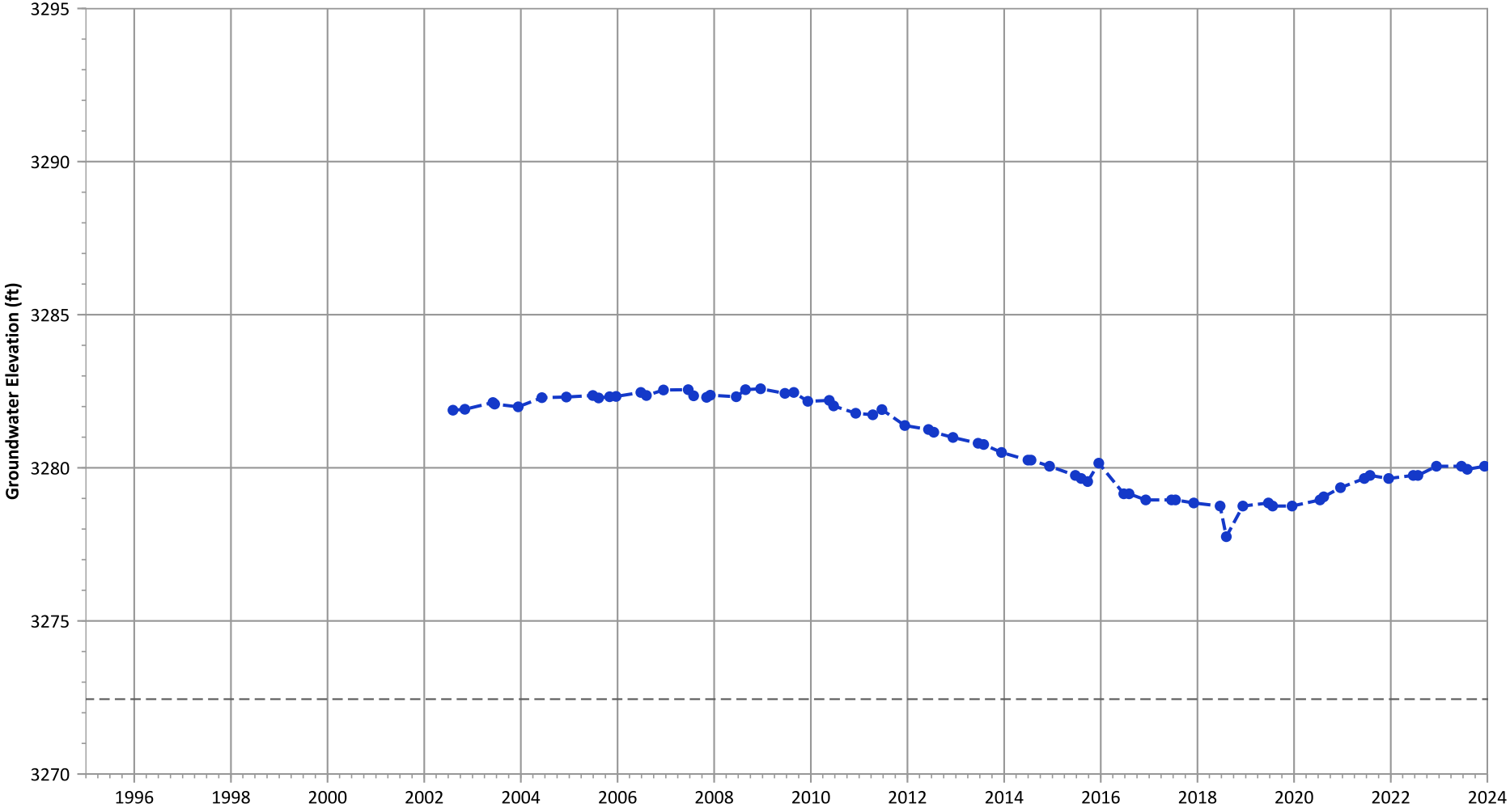
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.25 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.

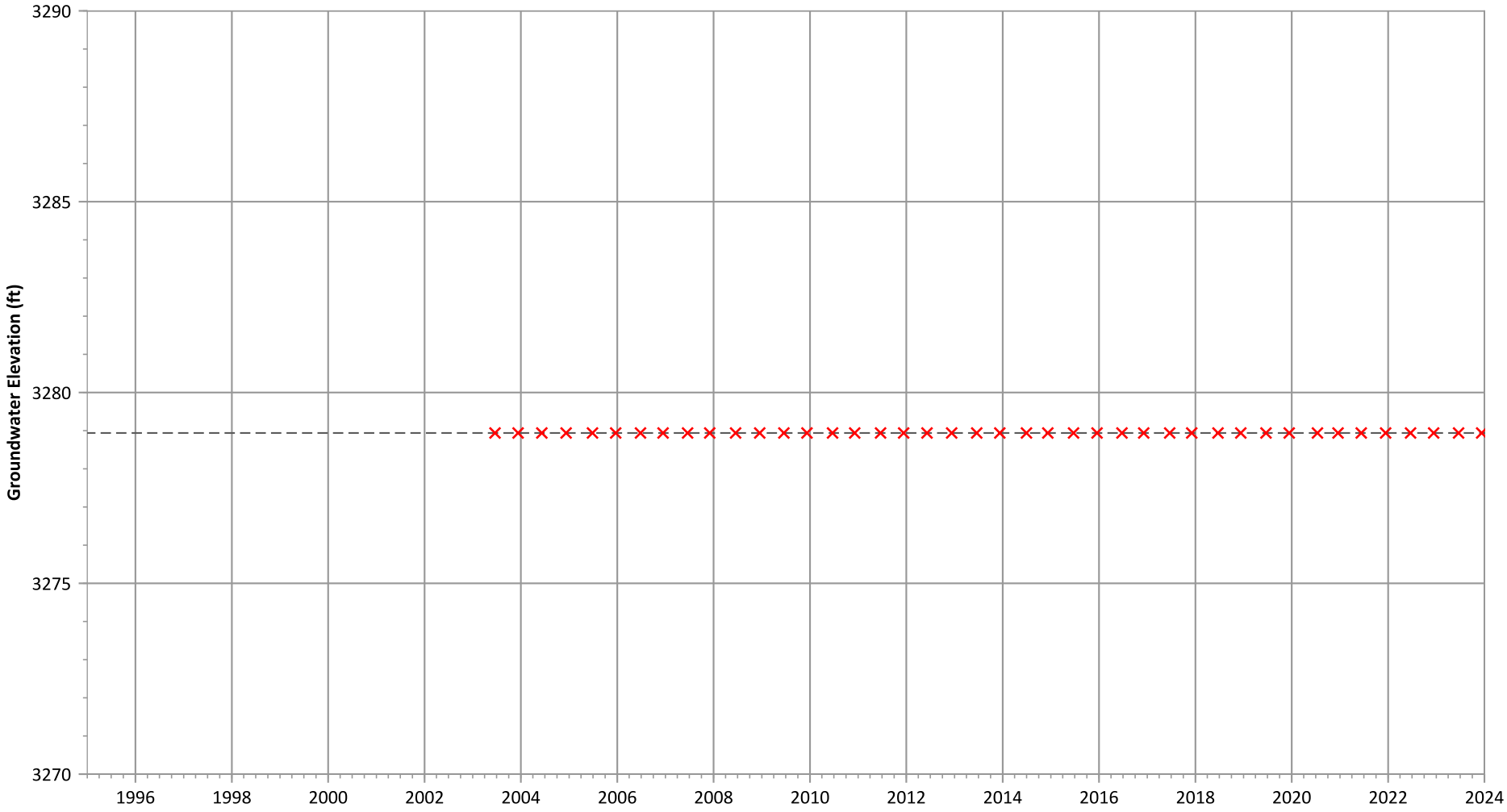
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.2 ft/yr

PTX06-1078 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

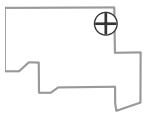


Notes:
1. Top of screen elevation is 3293.94 ft msl.
2. The bottom of screen elevation is 3278.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

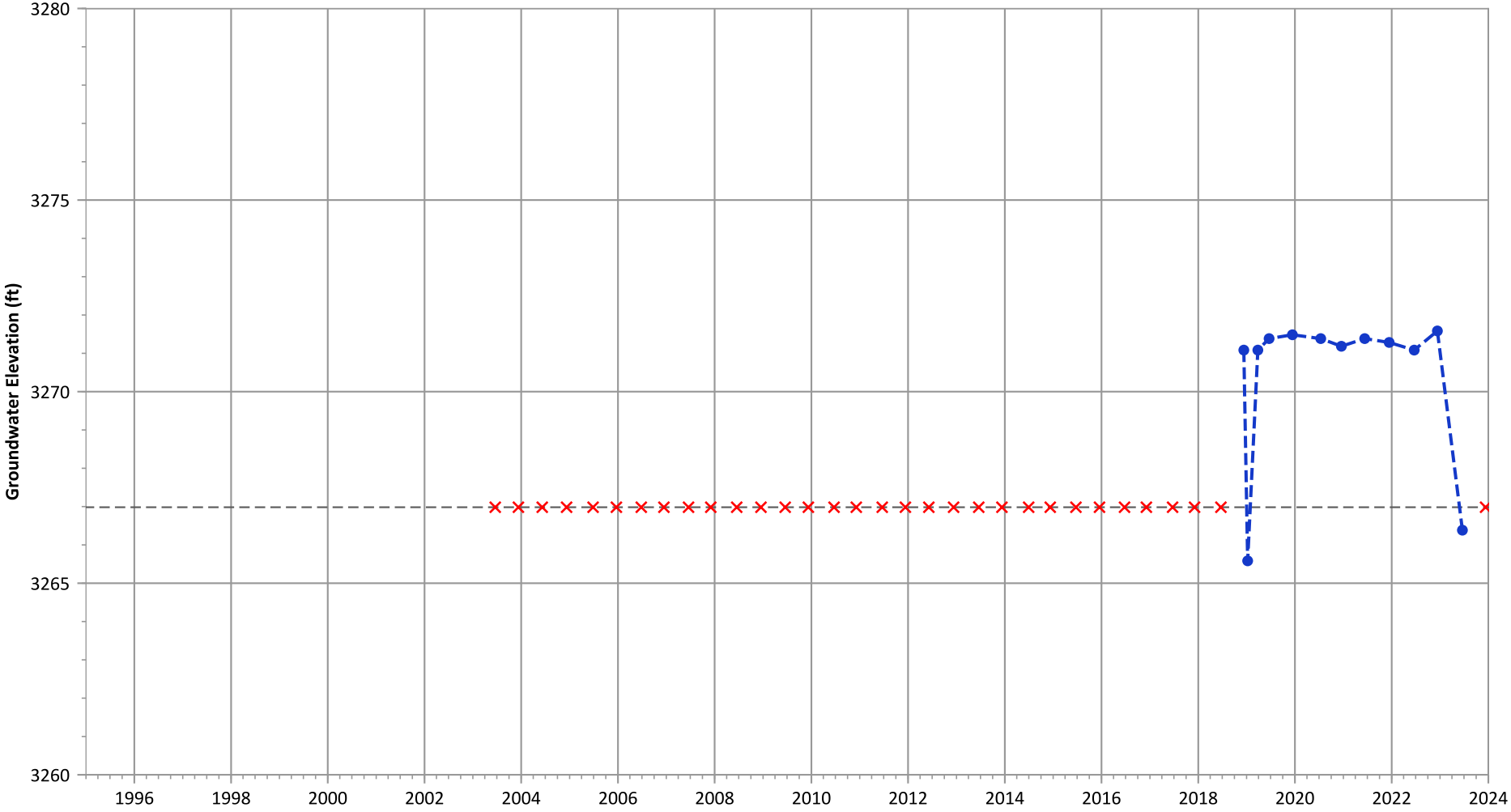
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1079 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

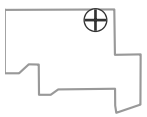


Notes:
1. Top of screen elevation is 3296.98 ft msl.
2. The bottom of screen elevation is 3266.98 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

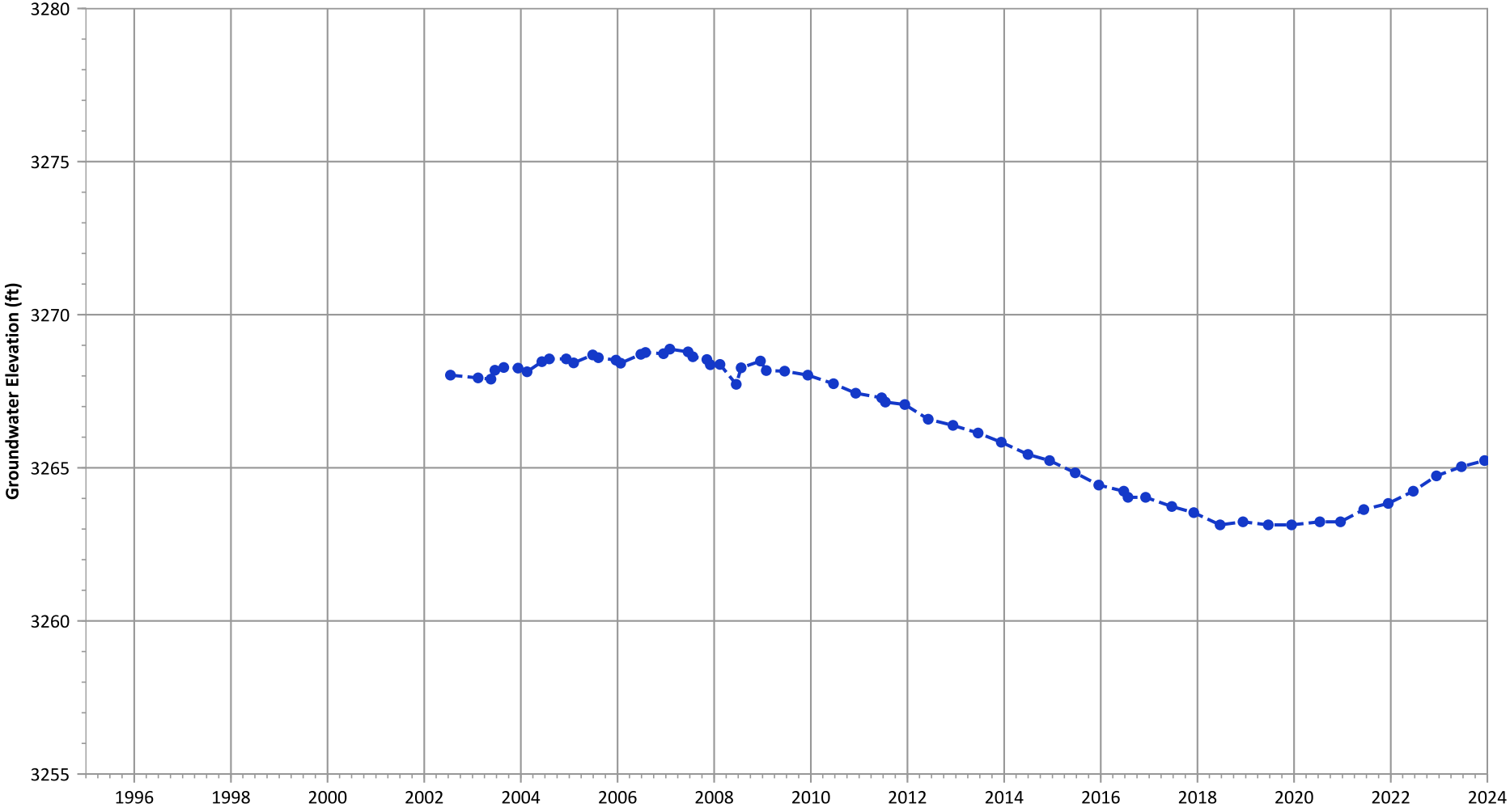
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 4.78 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1080 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

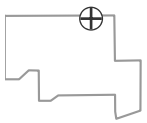


Notes:
1. Top of screen elevation is 3280.12 ft msl.
2. The bottom of screen elevation is 3250.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

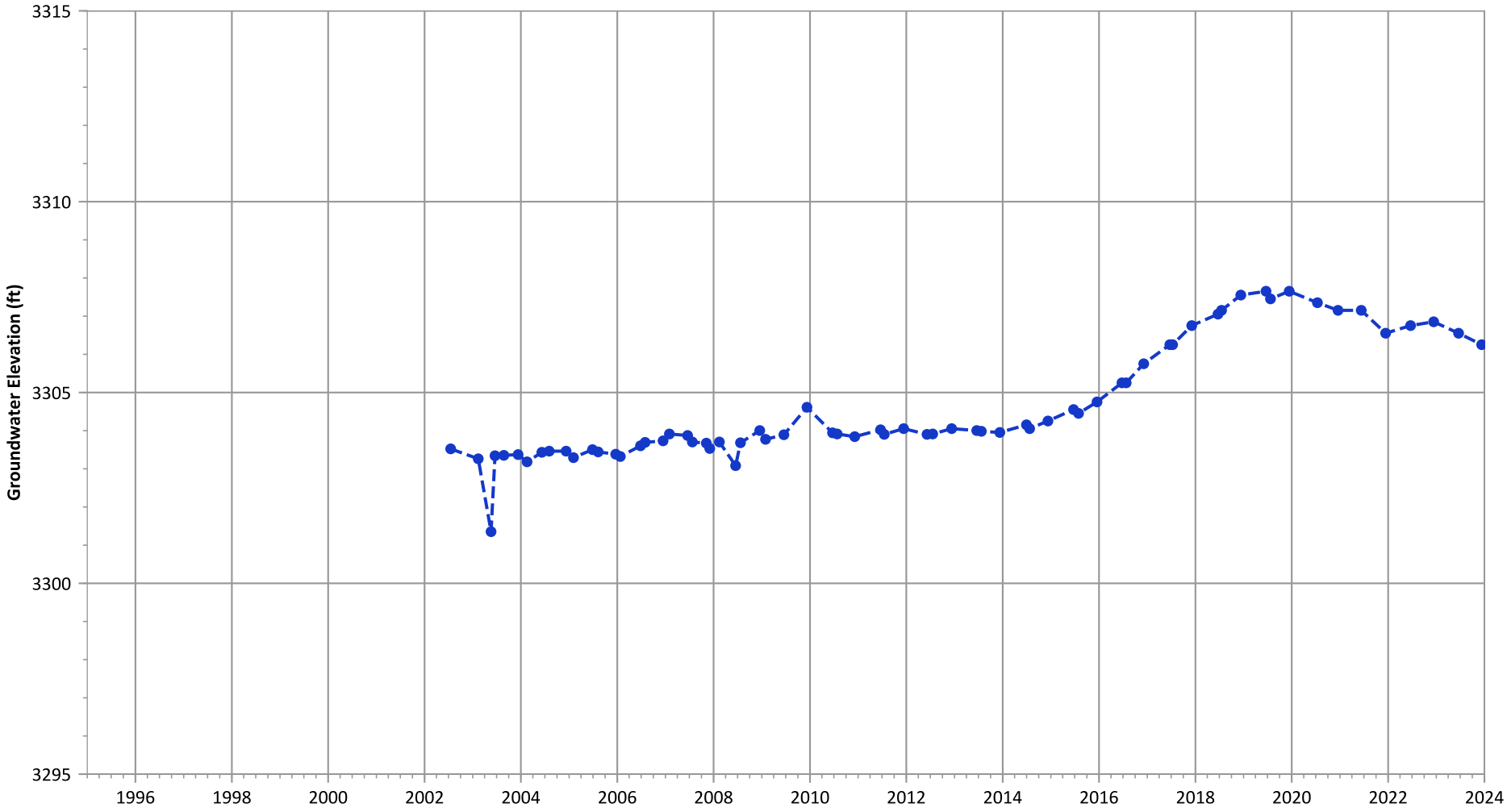
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.67 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.29 ft/yr

PTX06-1081 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

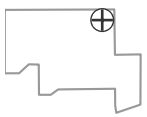


Notes:
1. Top of screen elevation is 3316.5 ft msl.
2. The bottom of screen elevation is 3286.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

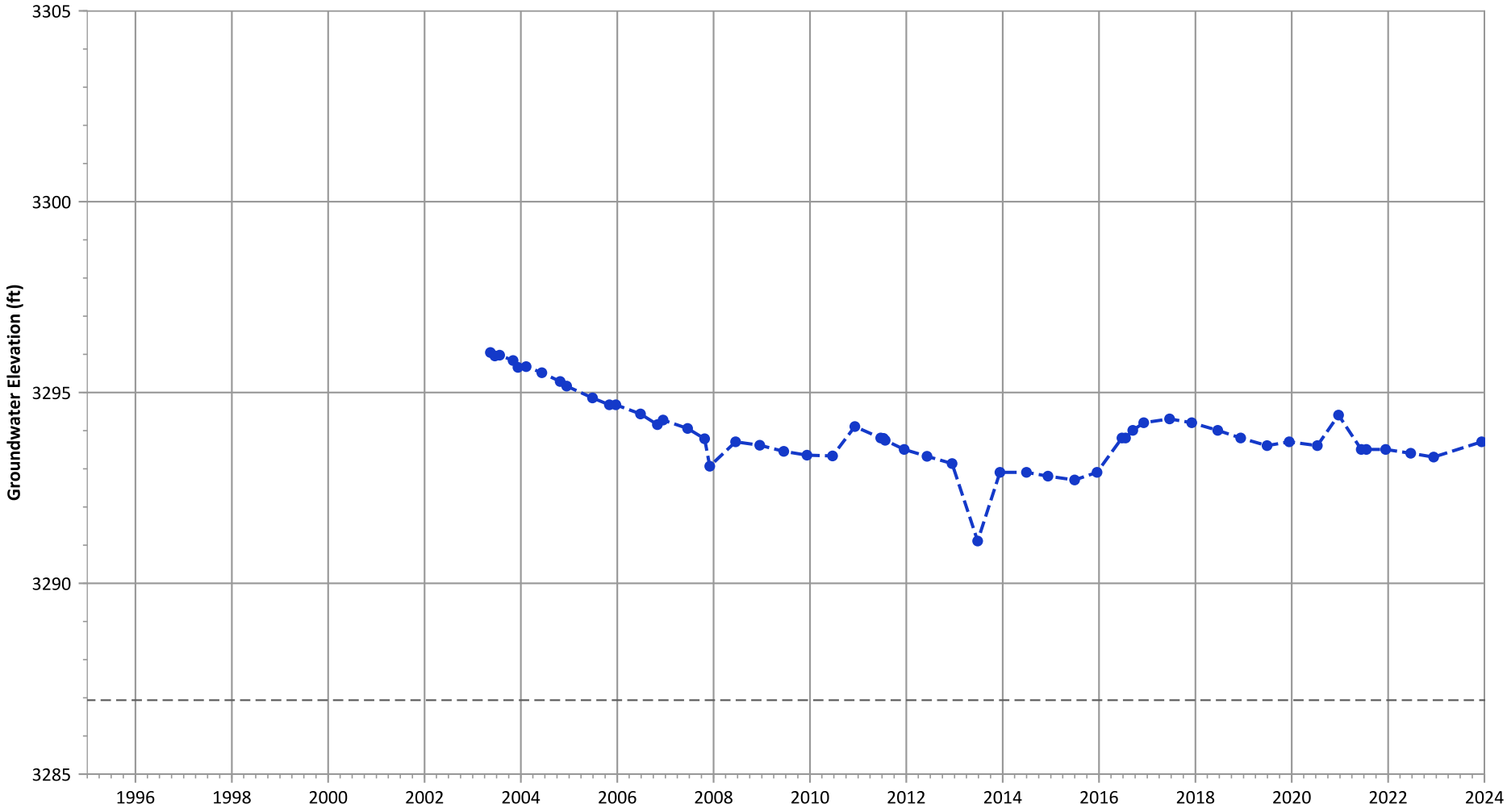
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.36 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.31 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.

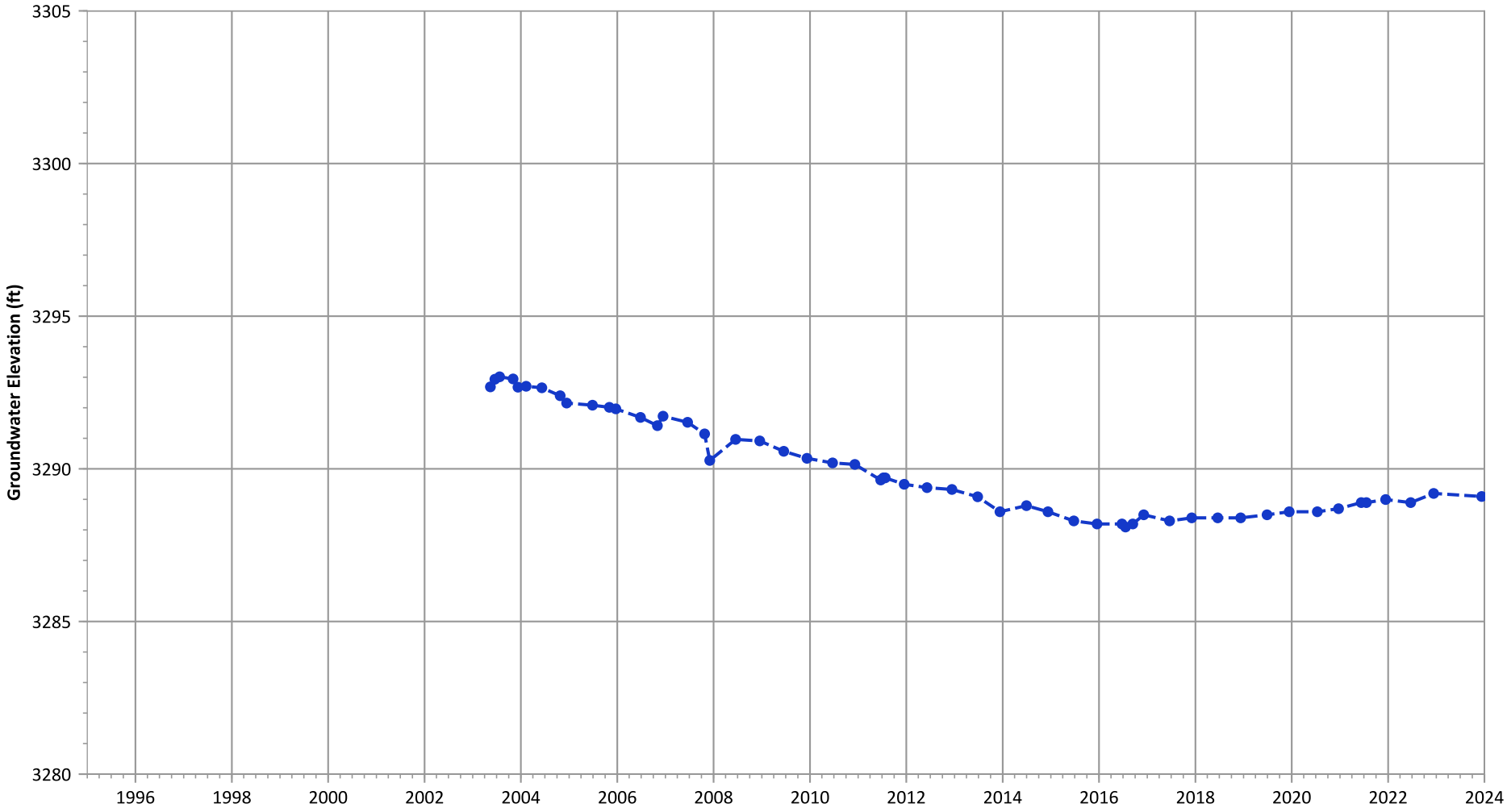
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

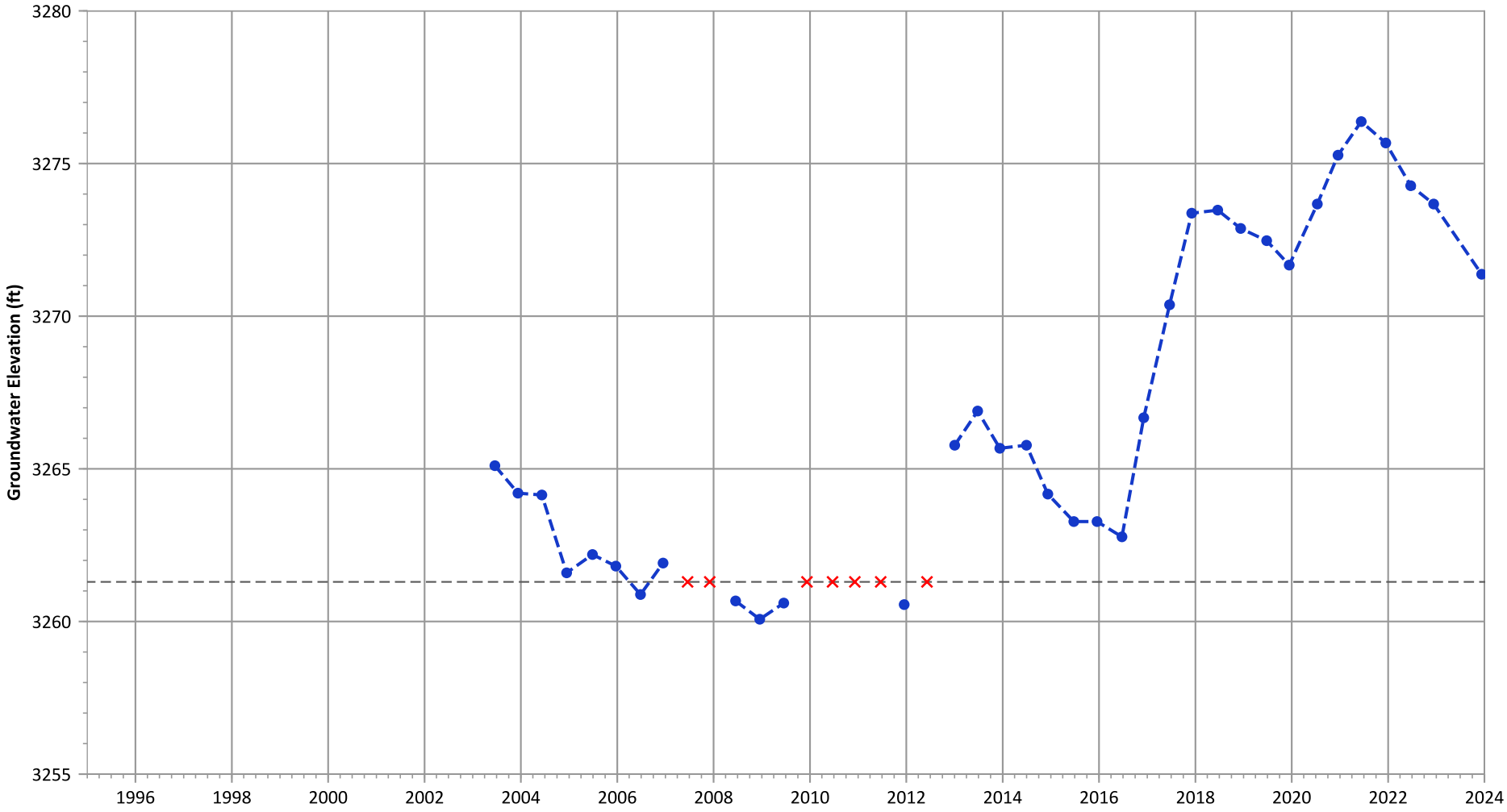
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): 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.

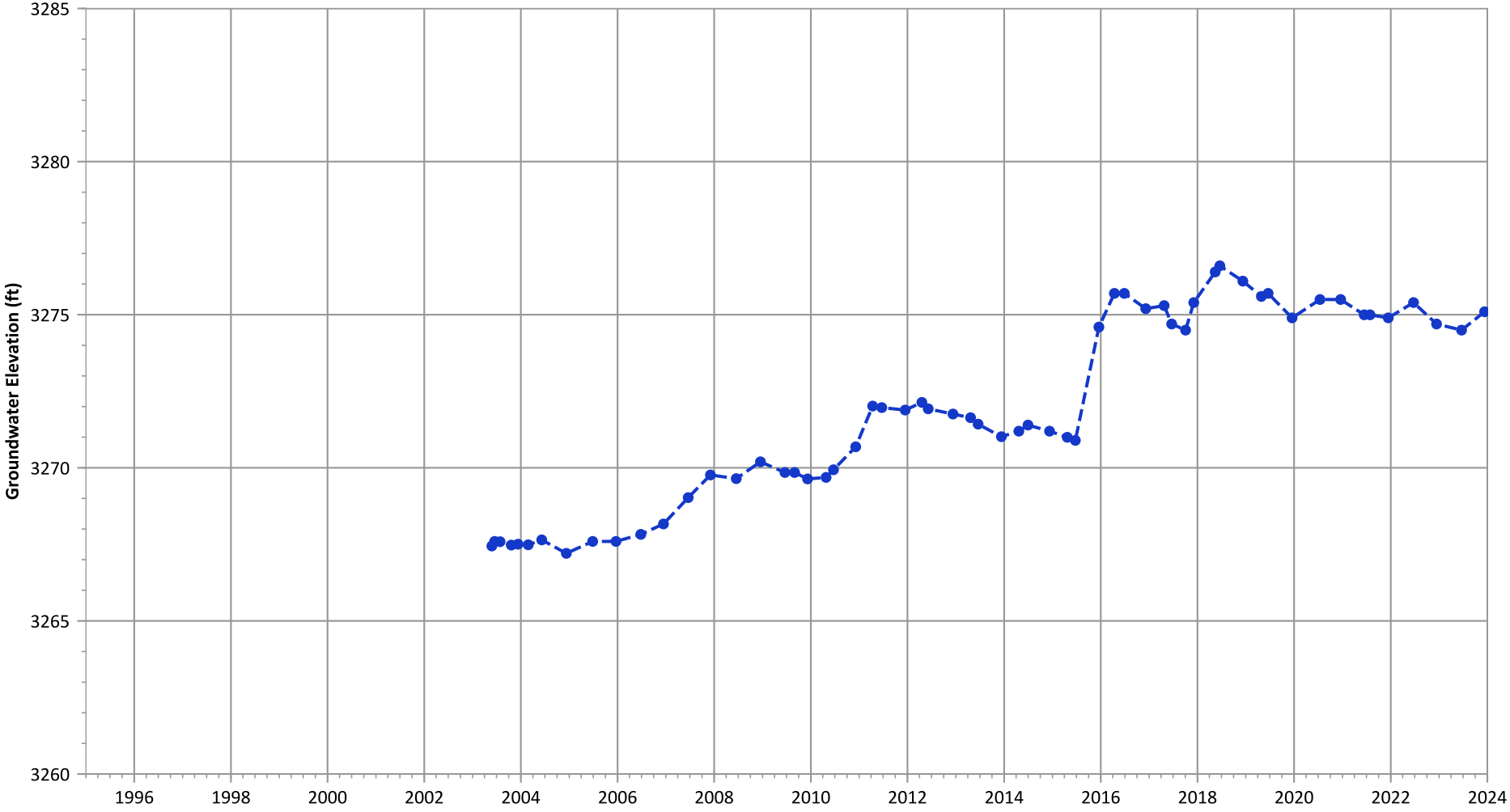
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.02 ft/yr
Data (7/2009 - 12/2023): Increasing at 1.19 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.

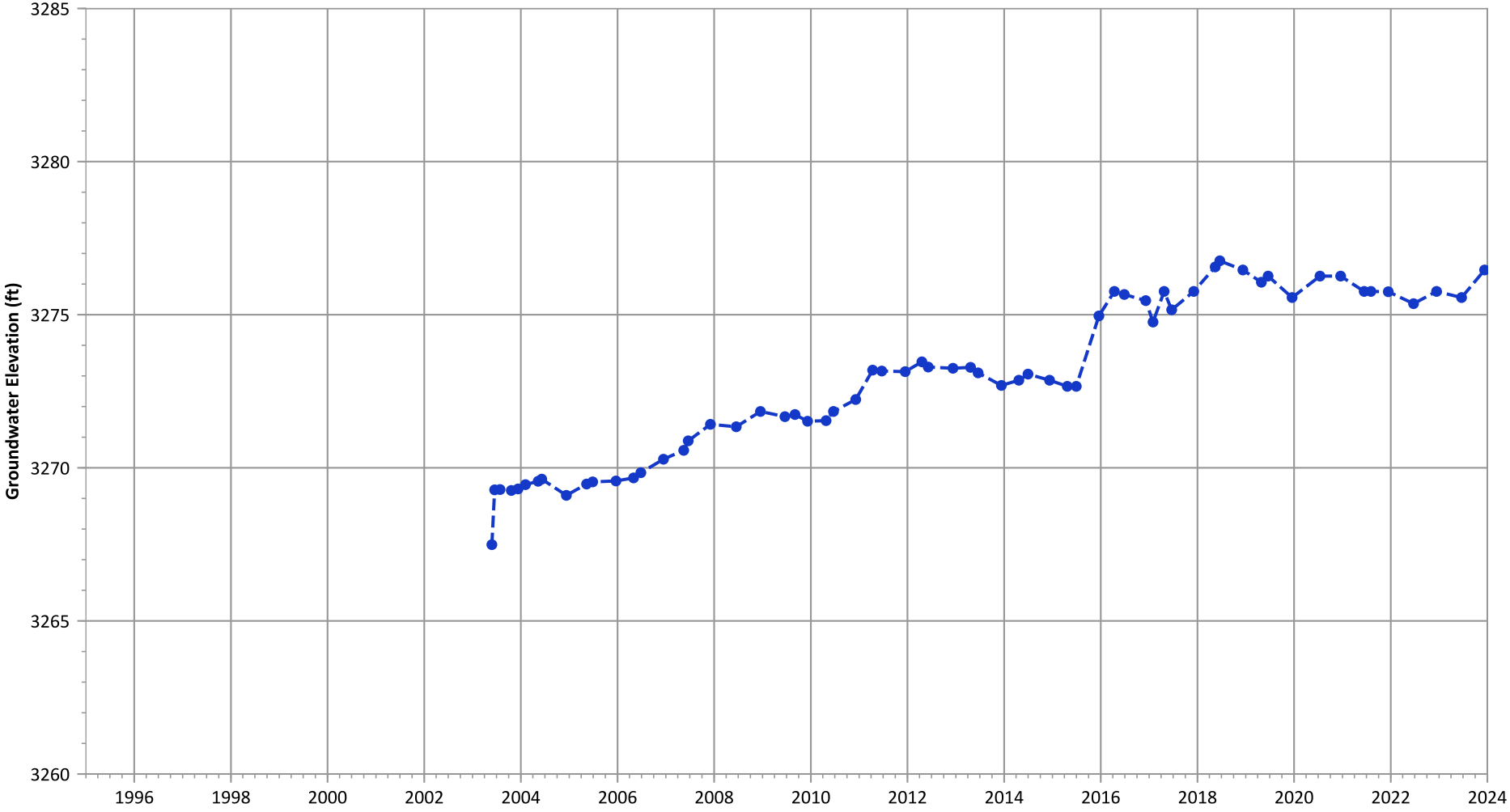
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.22 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.44 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.

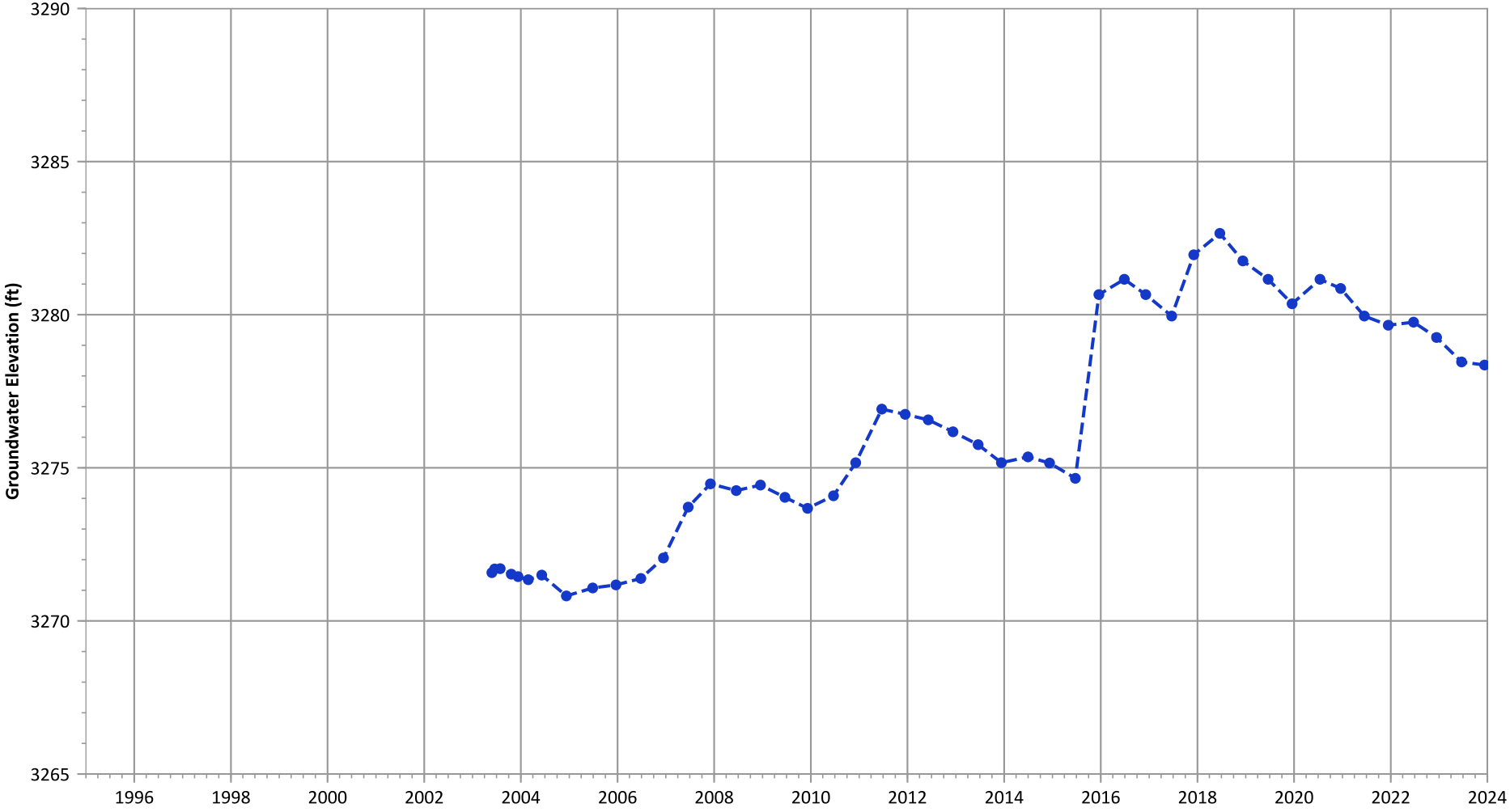
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.62 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.35 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.

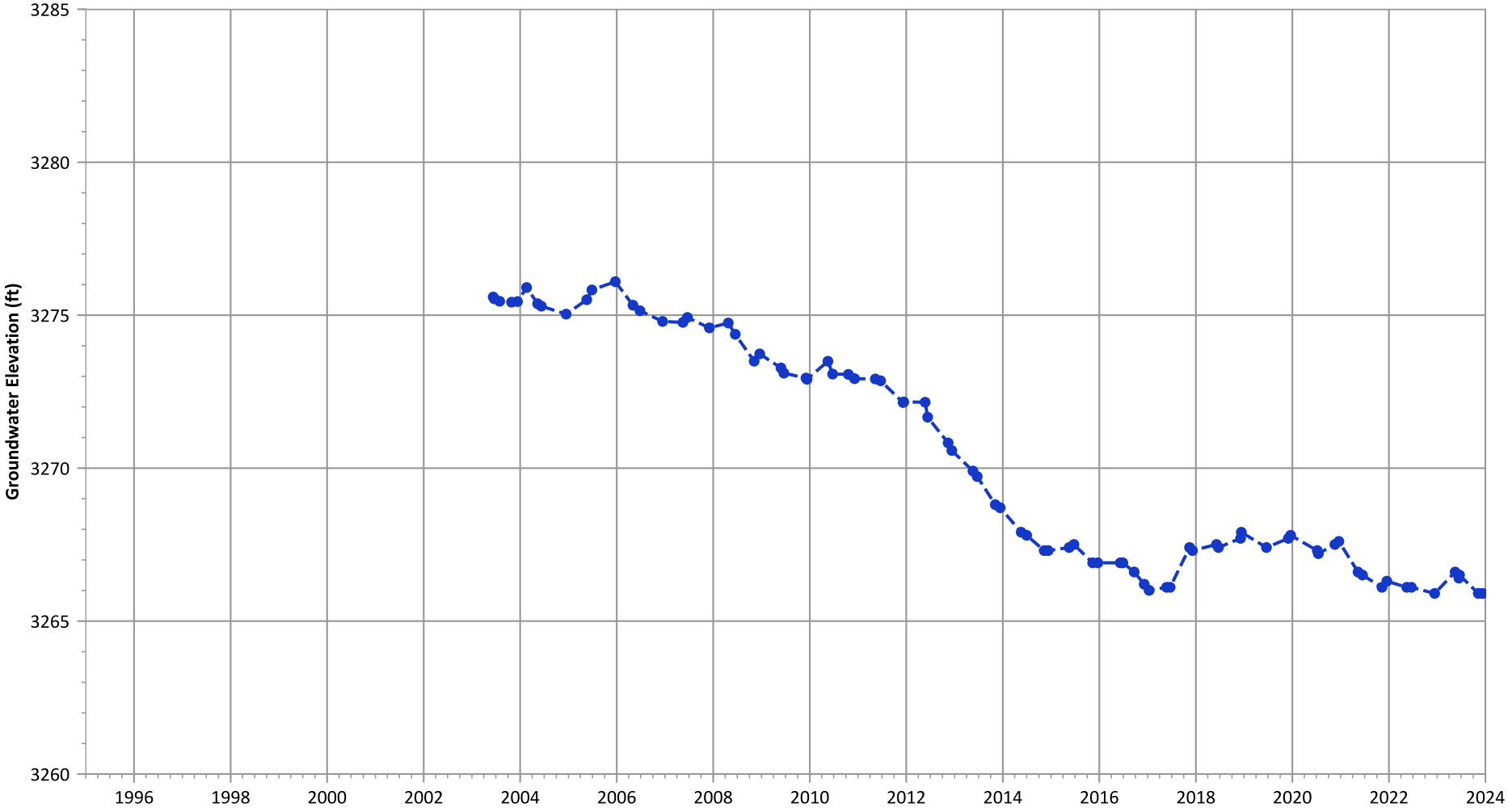
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.02 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.44 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.

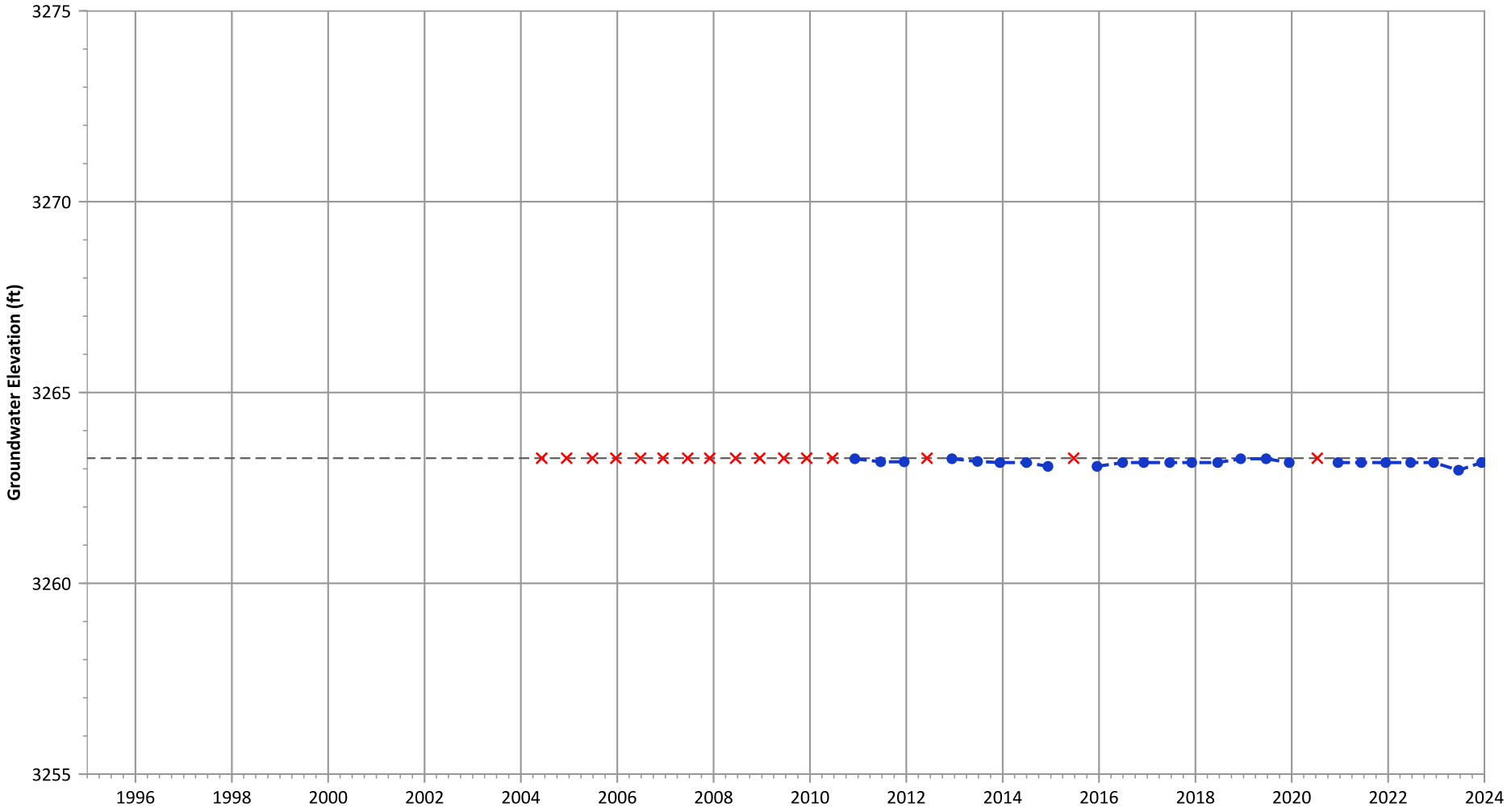
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.49 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.

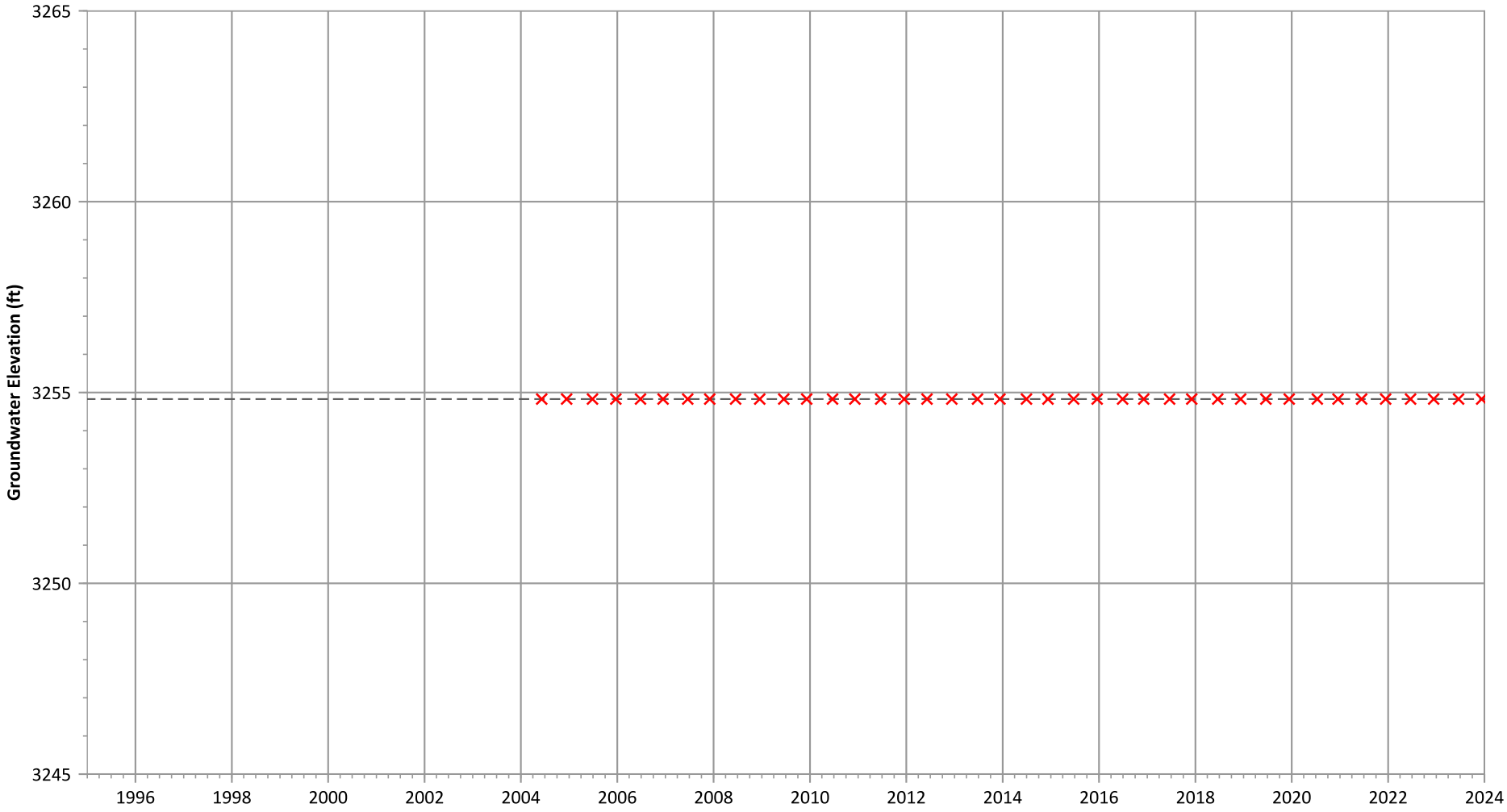
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1090 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

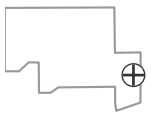


Notes:
1. Top of screen elevation is 3269.83 ft msl.
2. The bottom of screen elevation is 3254.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

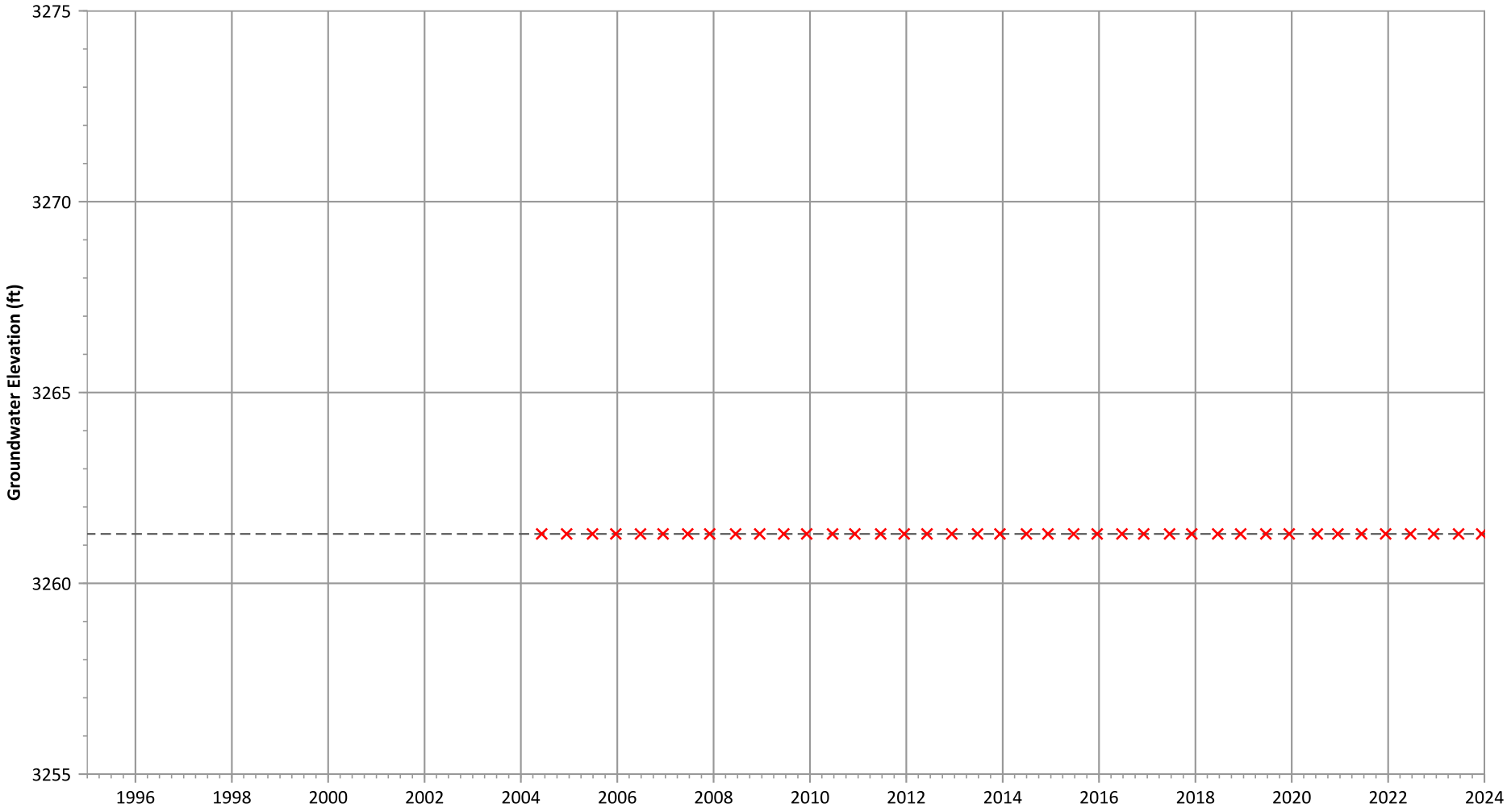
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1091 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

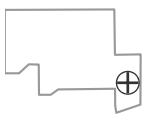


Notes:
1. Top of screen elevation is 3271.29 ft msl.
2. The bottom of screen elevation is 3261.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

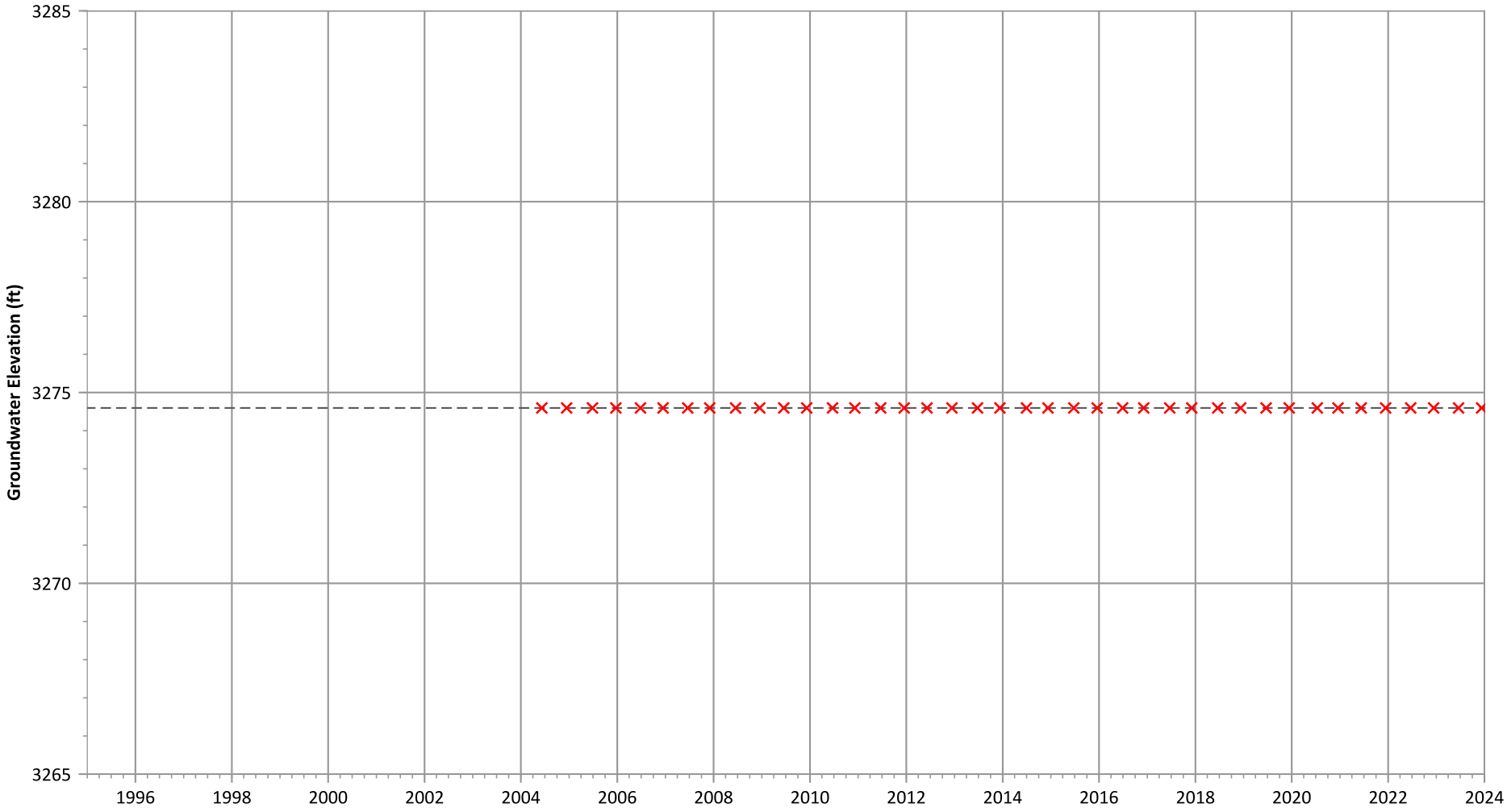
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

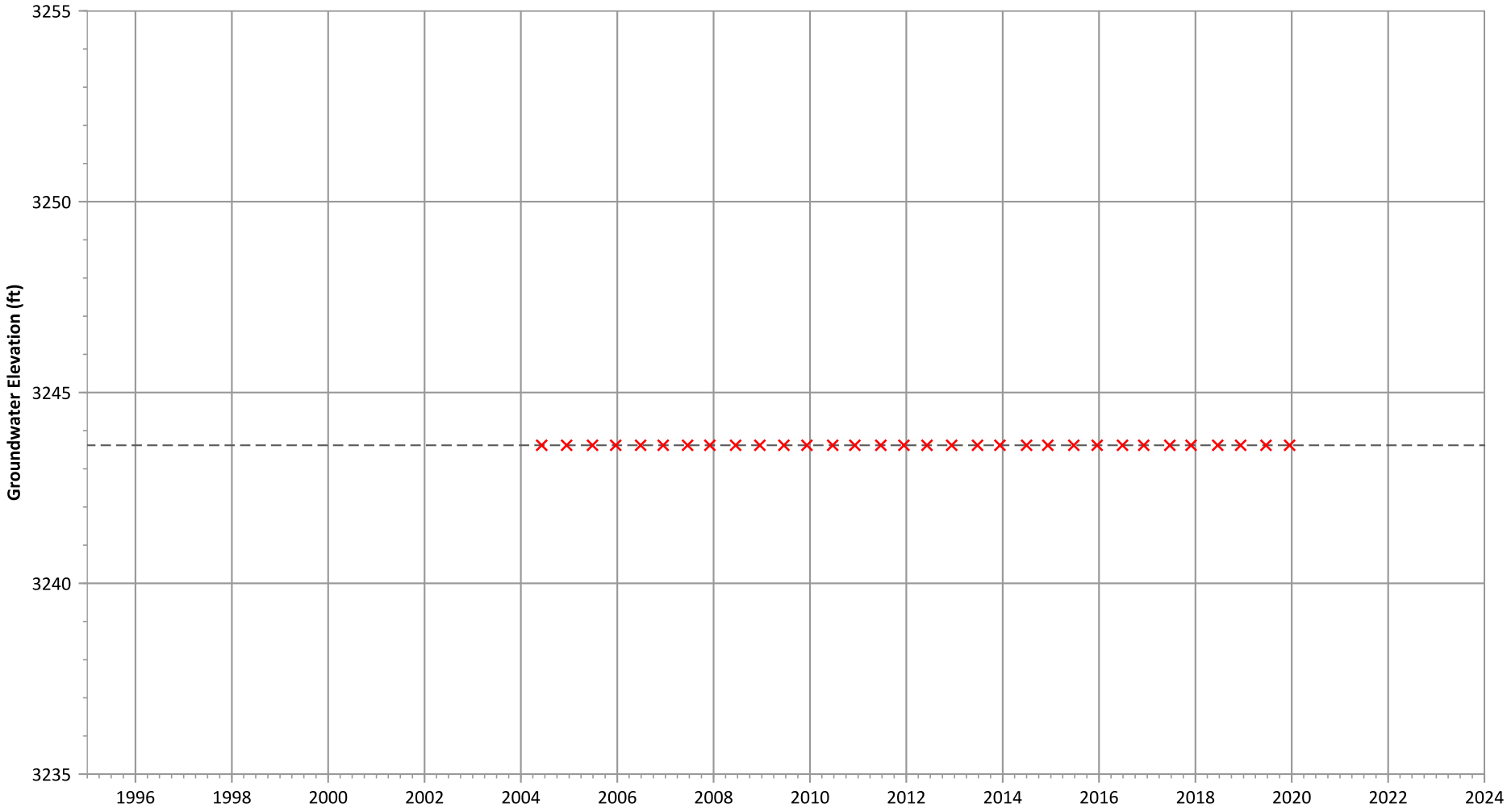
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1094 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

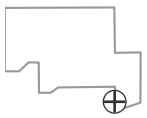


Notes:
1. Top of screen elevation is 3253.62 ft msl.
2. The bottom of screen elevation is 3243.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

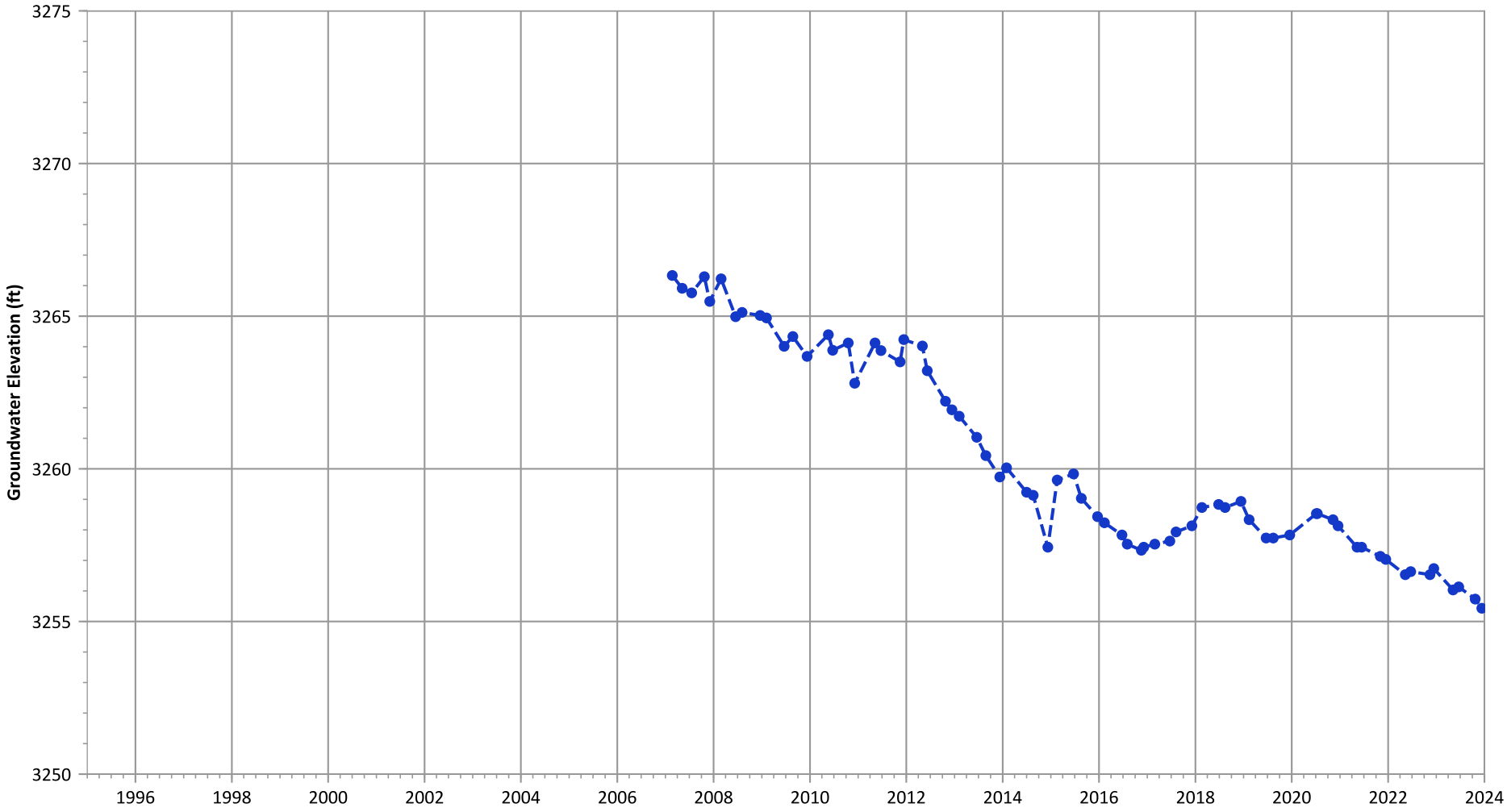
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

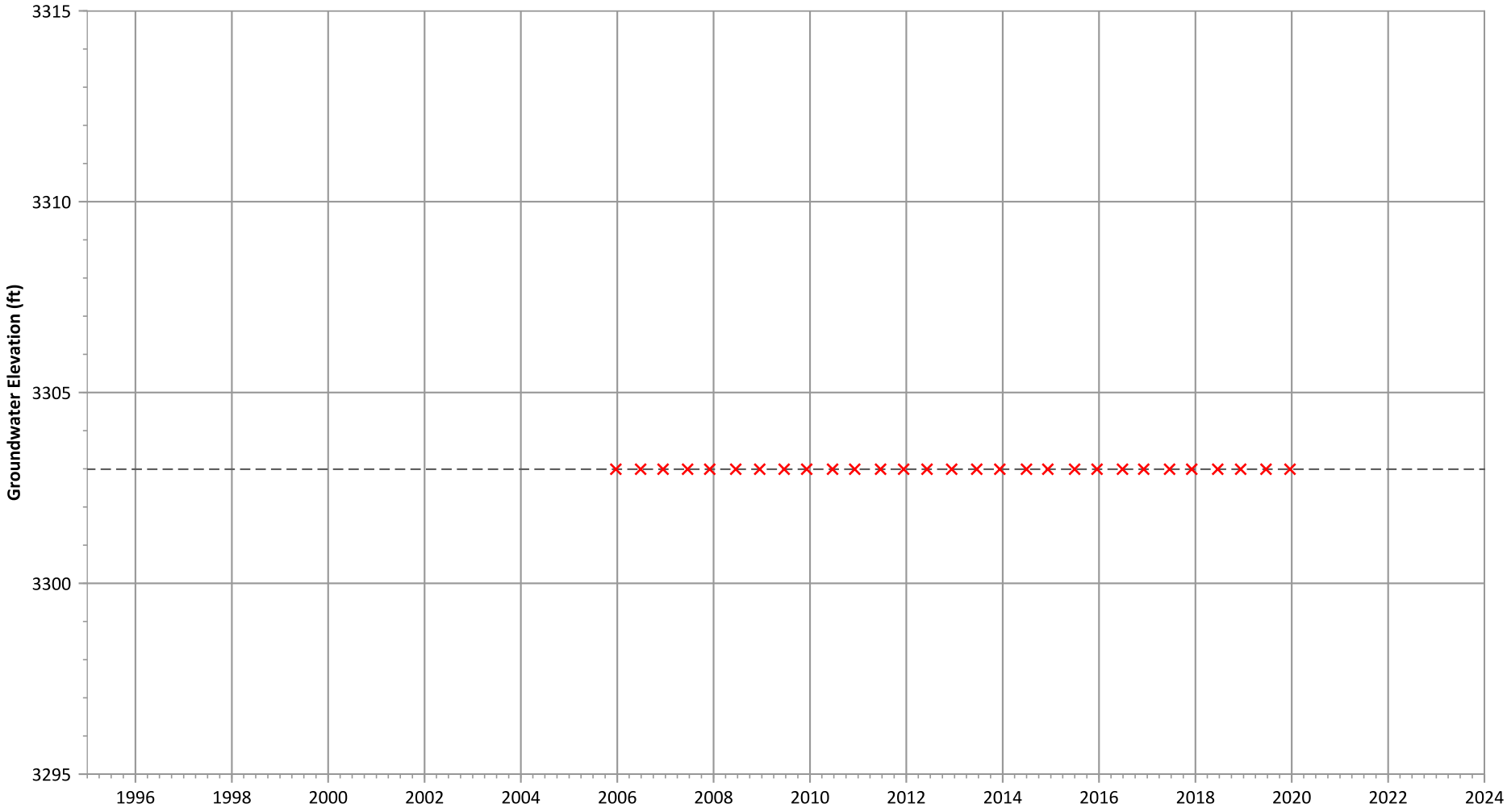
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.72 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.57 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.

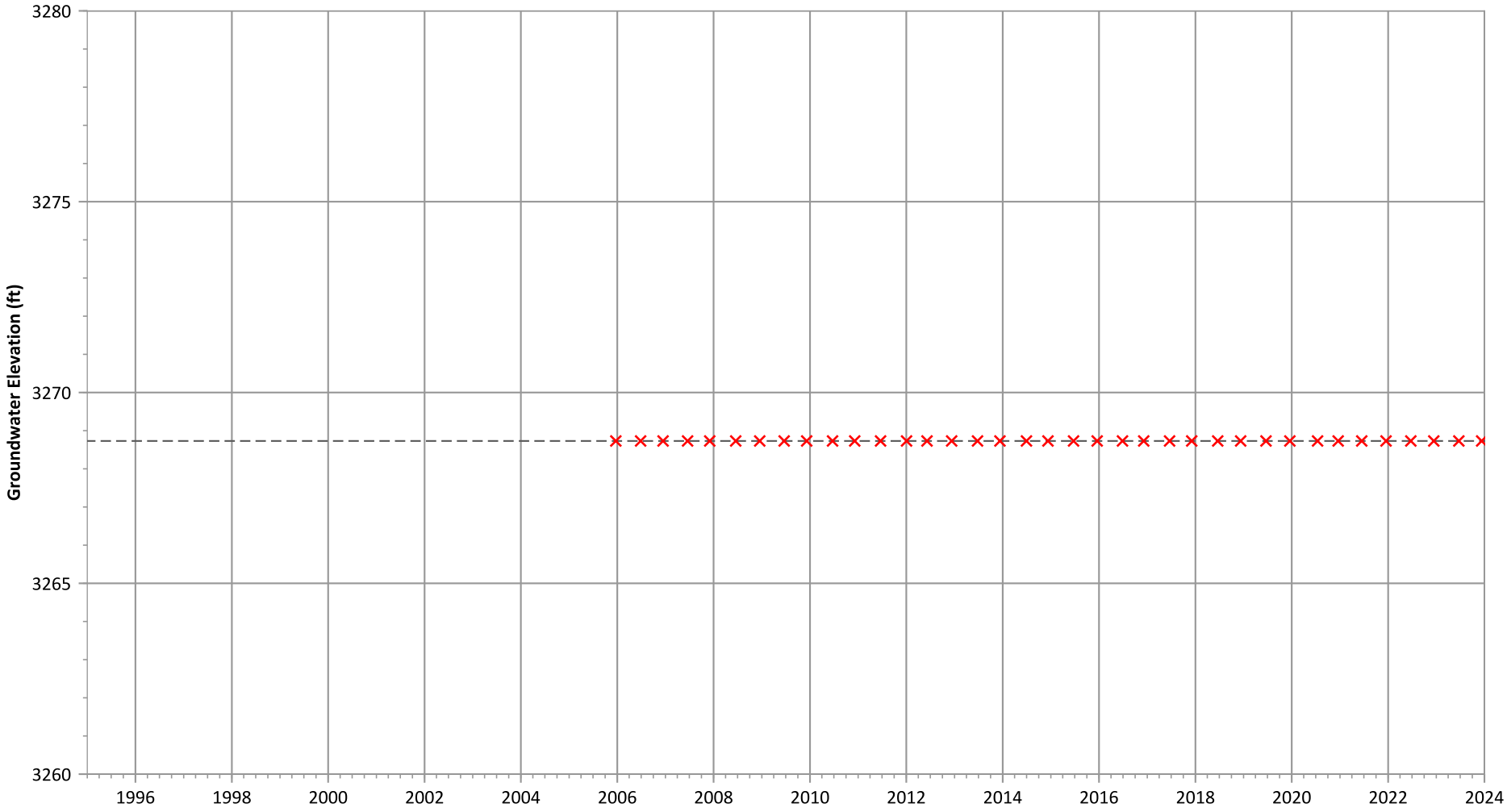
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

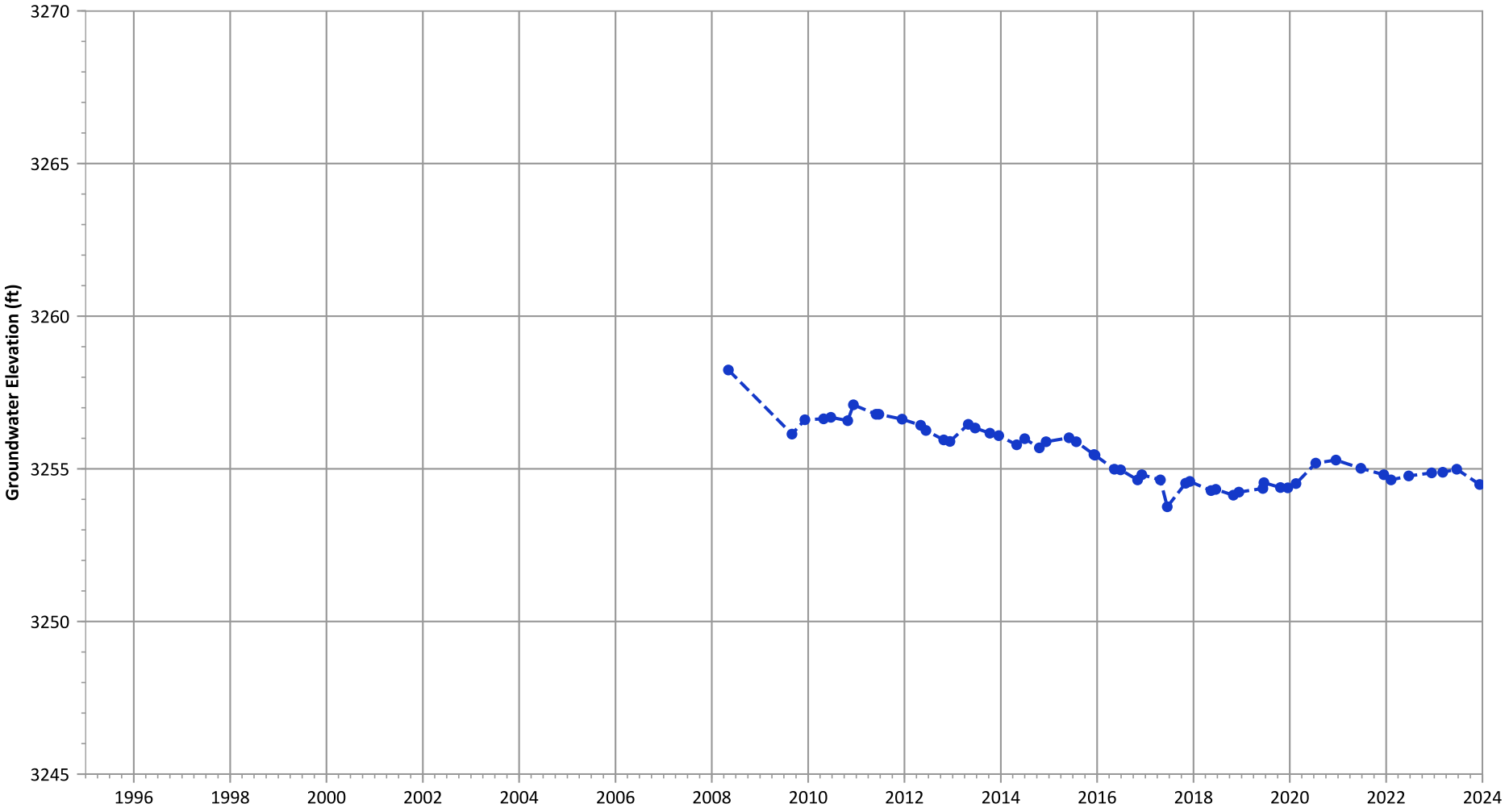
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

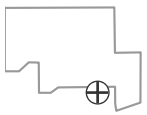


Notes:
1. Top of screen elevation is 3276.74 ft msl.
2. The bottom of screen elevation is 3241.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

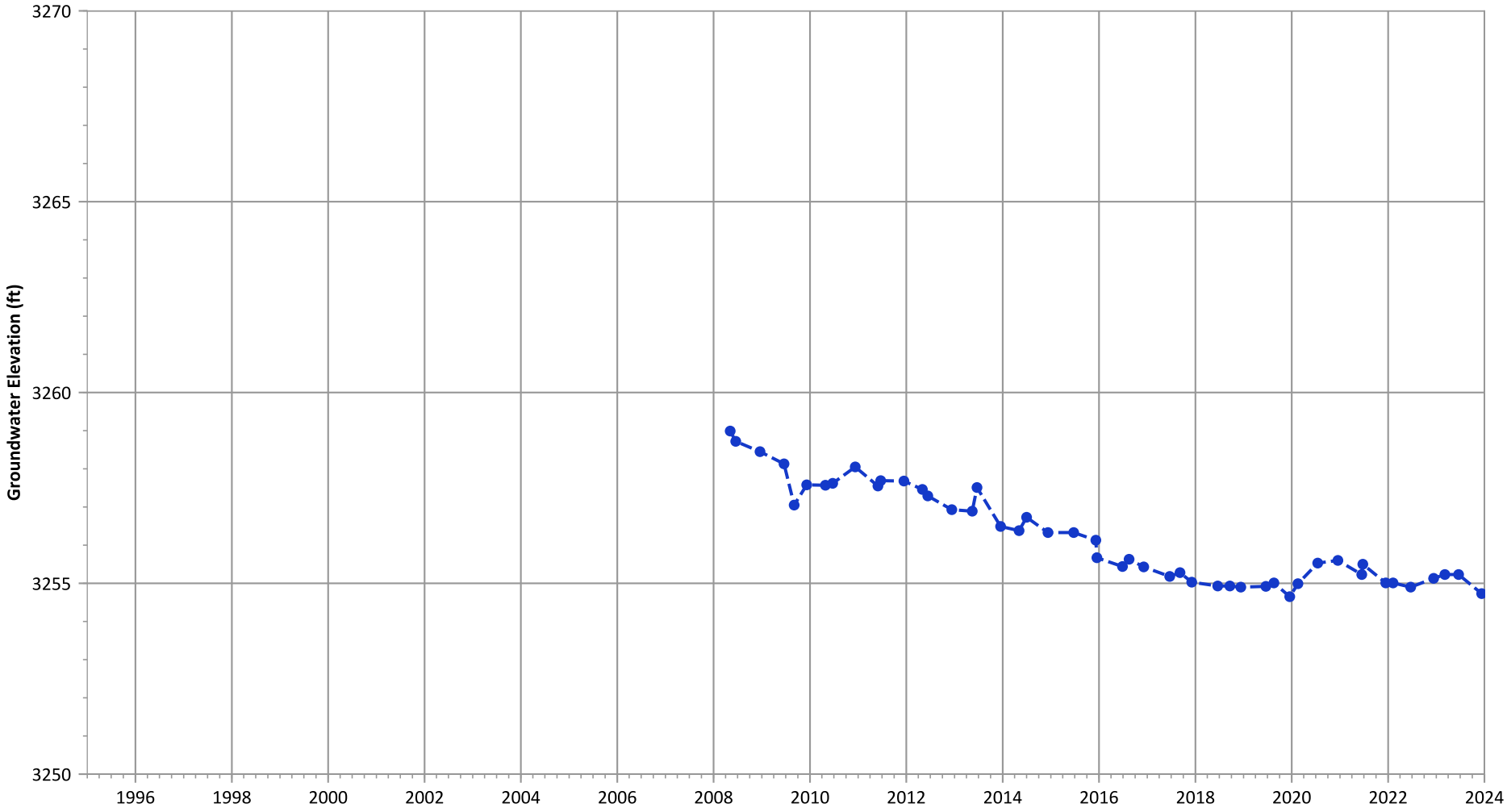
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.18 ft/yr

PTX06-1100 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

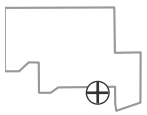


Notes:
1. Top of screen elevation is 3259.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

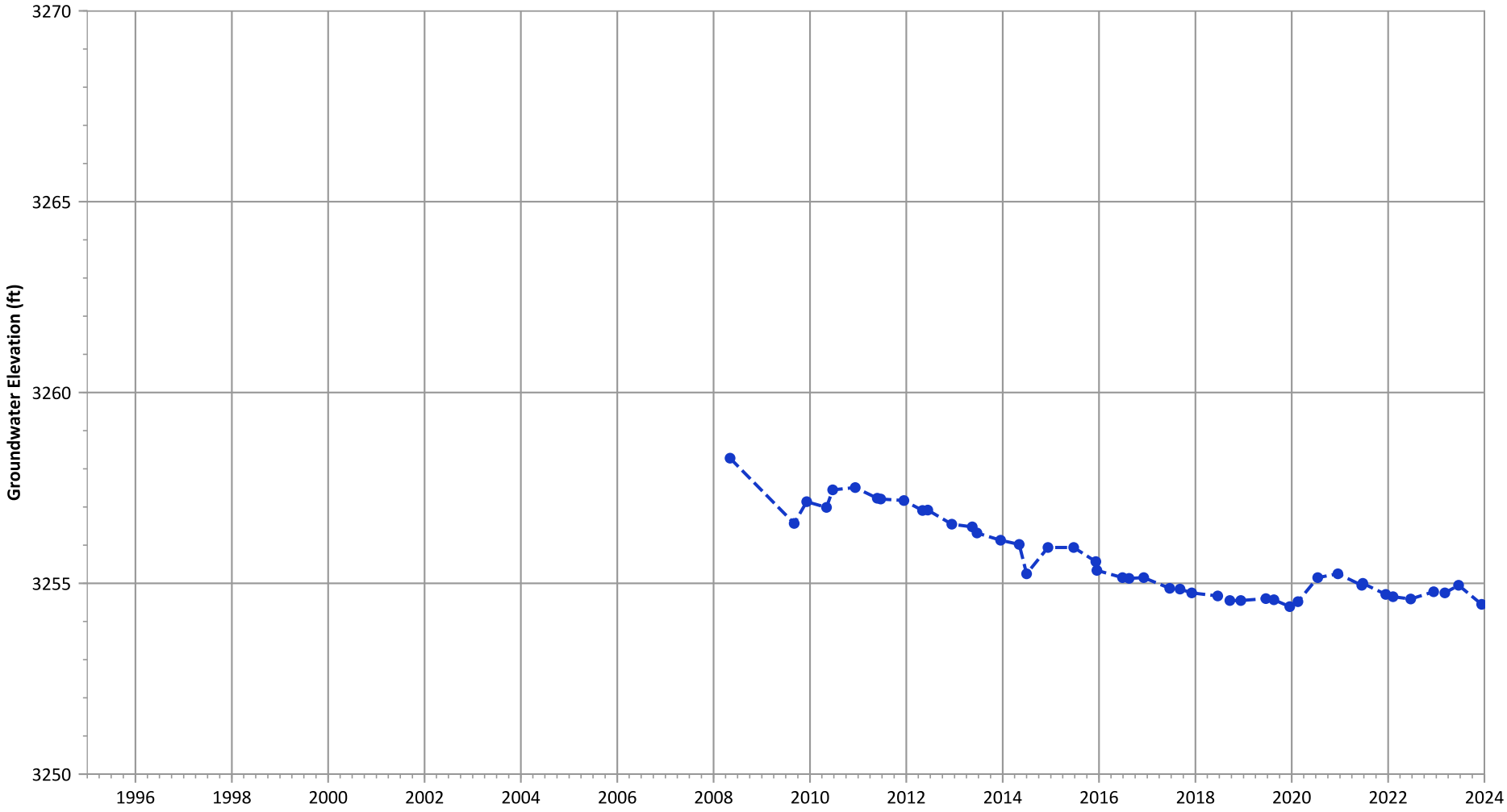
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.23 ft/yr

PTX06-1101 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

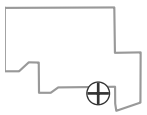


Notes:
1. Top of screen elevation is 3258.8 ft msl.
2. The bottom of screen elevation is 3243.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

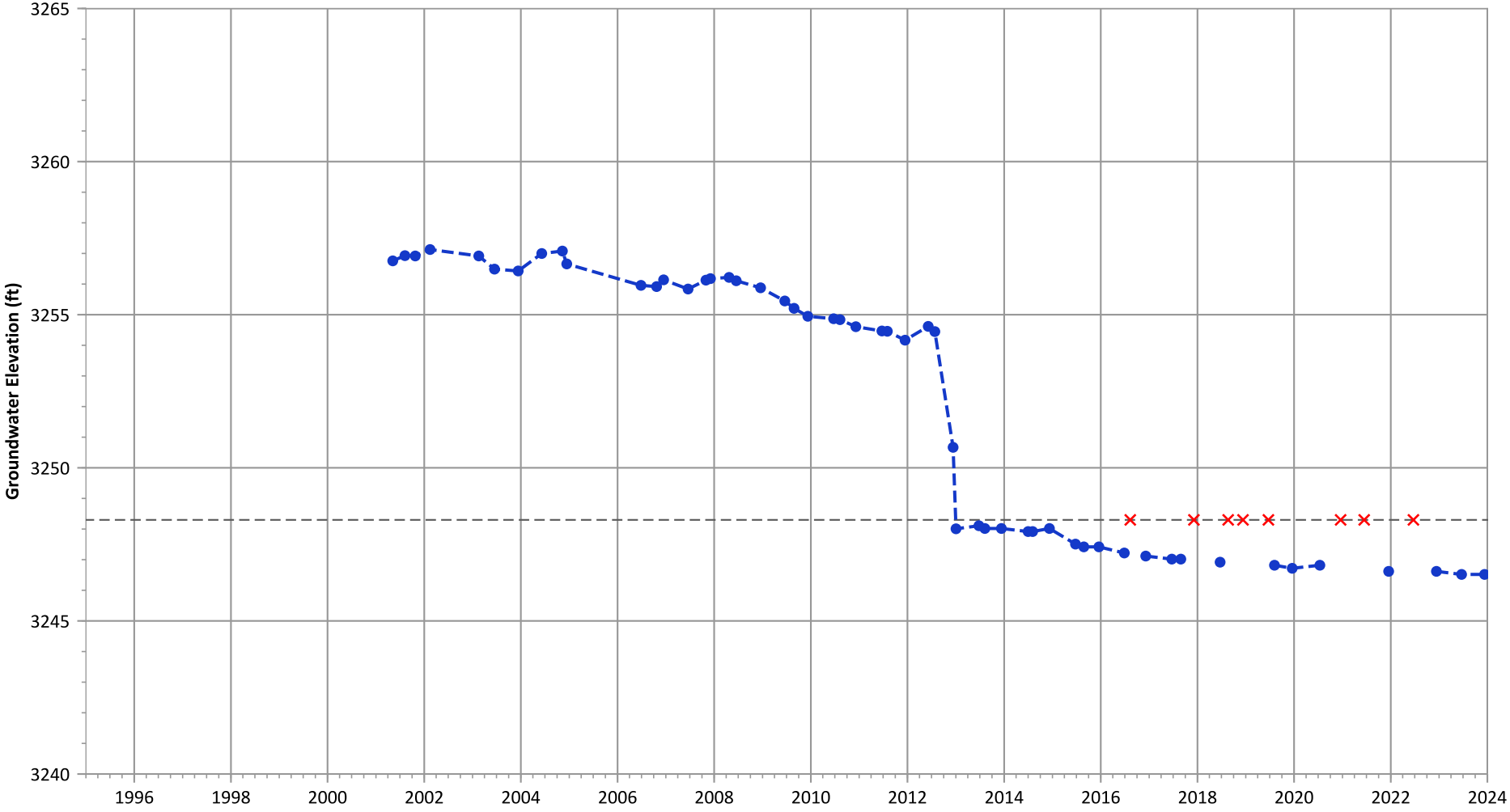
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.21 ft/yr

PTX06-1102 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

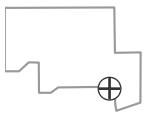


Notes:
1. Top of screen elevation is 3288.3 ft msl.
2. The bottom of screen elevation is 3248.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

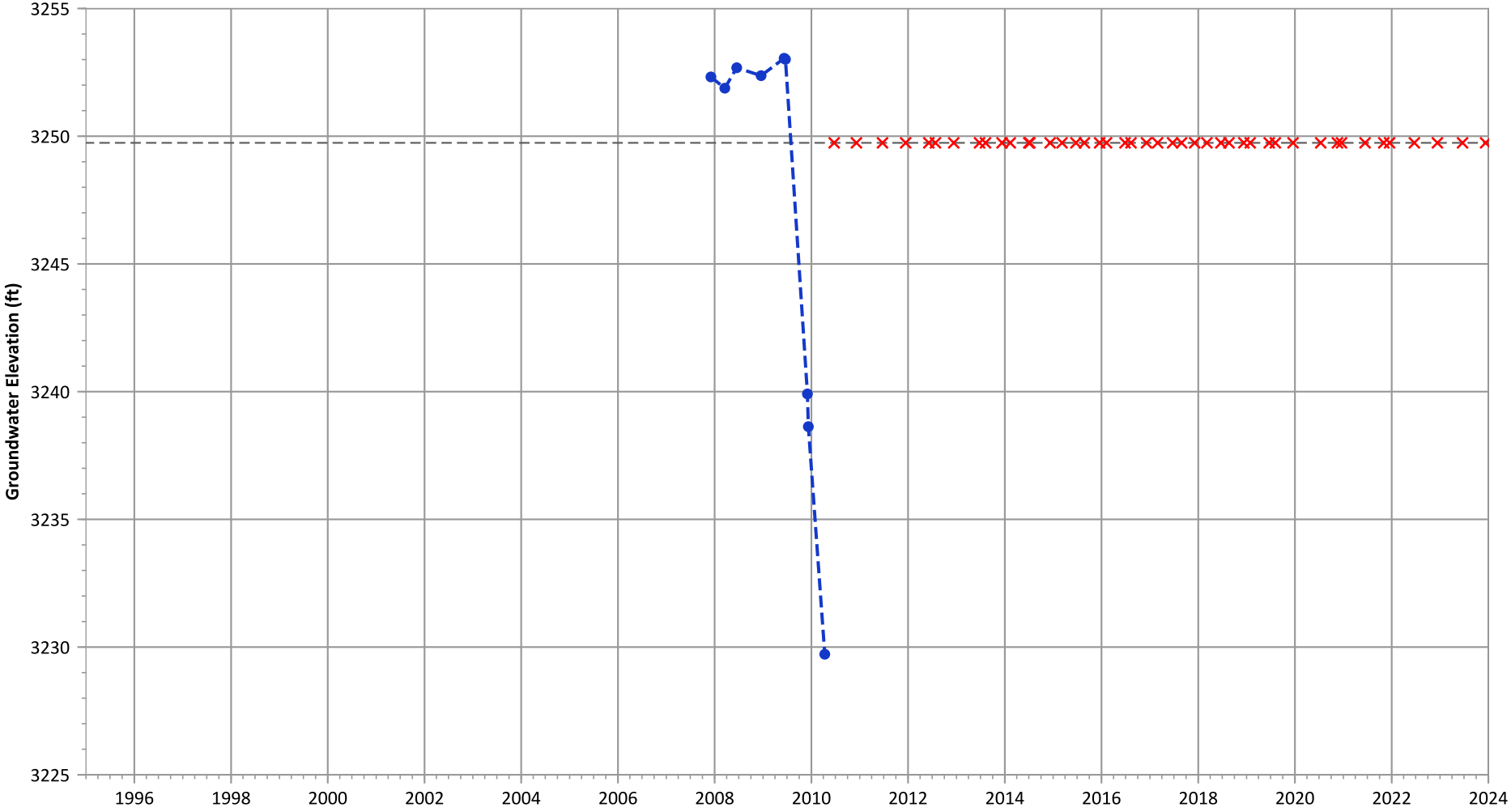
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.1 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.68 ft/yr

PTX06-1103 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

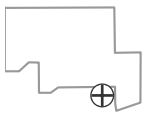


Notes:
1. Top of screen elevation is 3259.74 ft msl.
2. The bottom of screen elevation is 3249.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

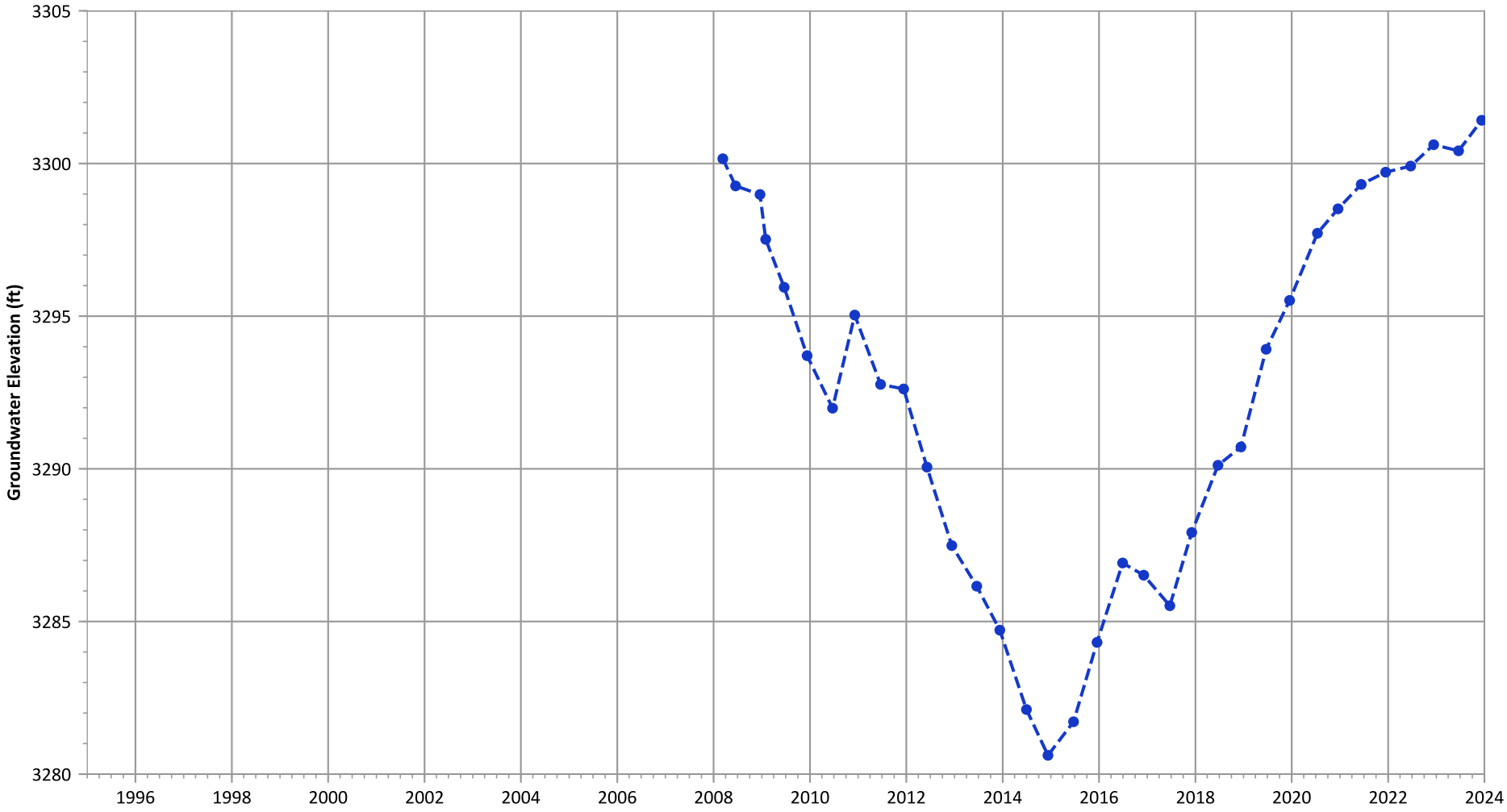
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 27.43 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.

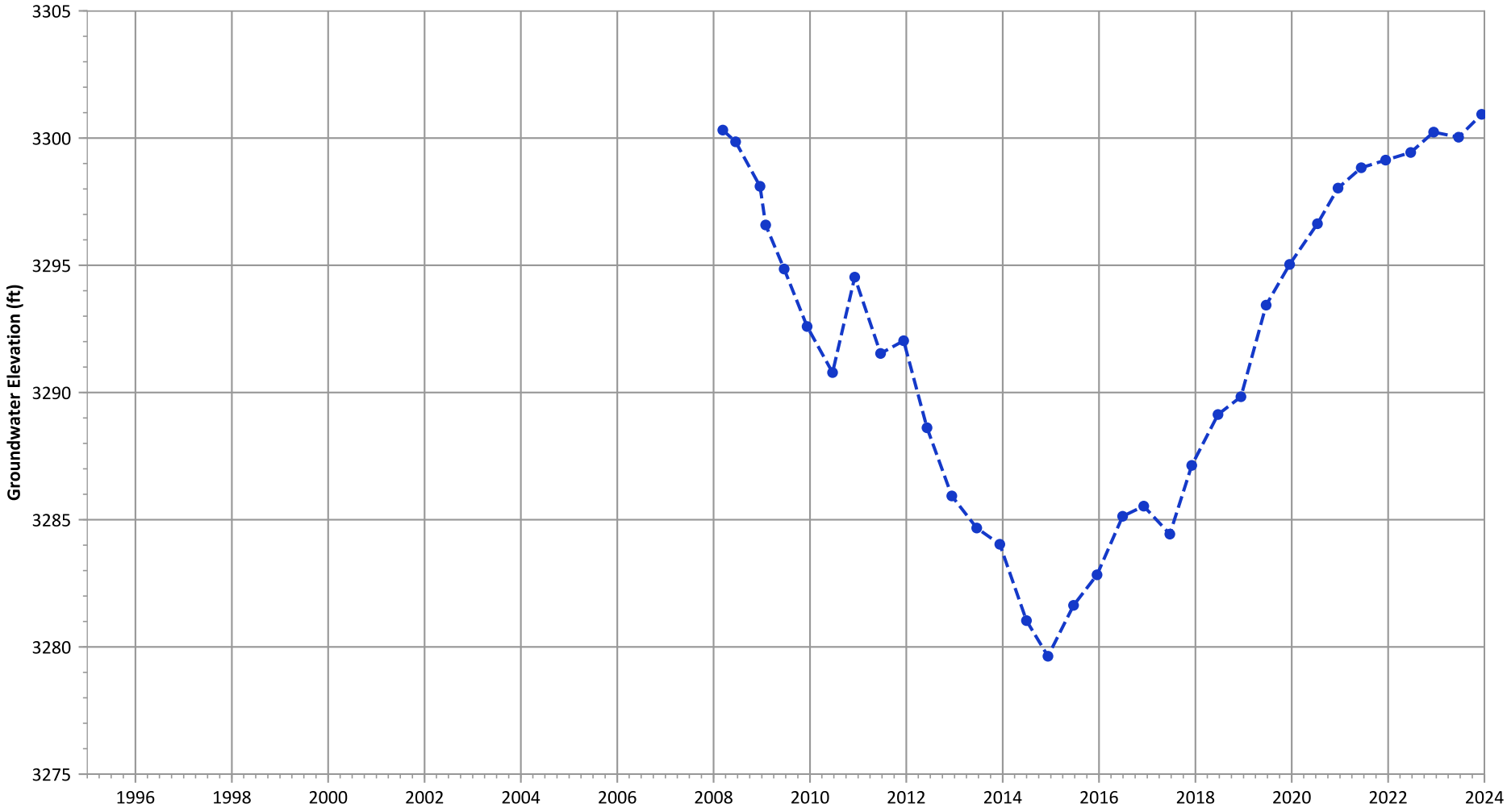
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.86 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.87 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.

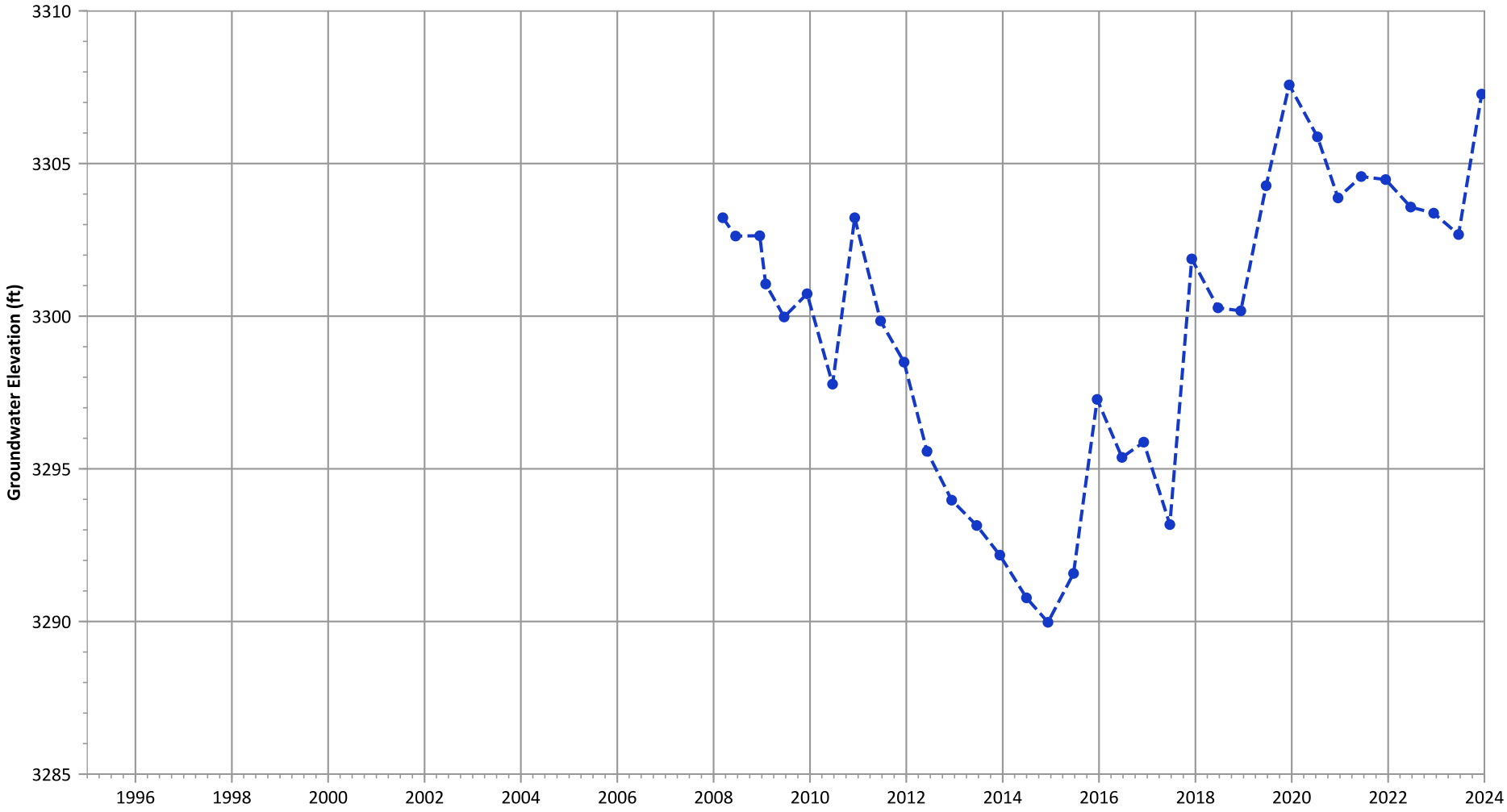
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.86 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.92 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.

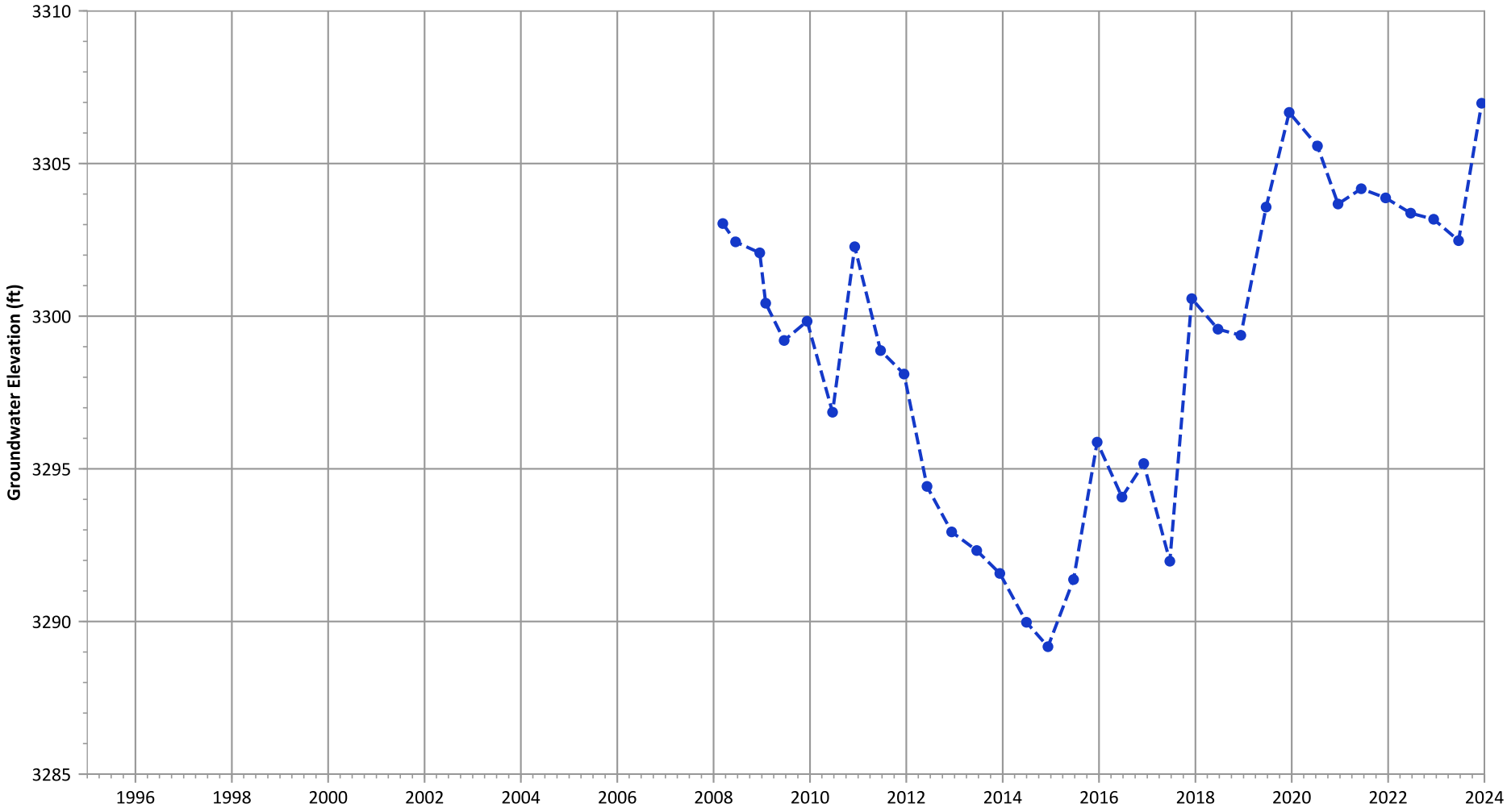
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 2.09 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.73 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.

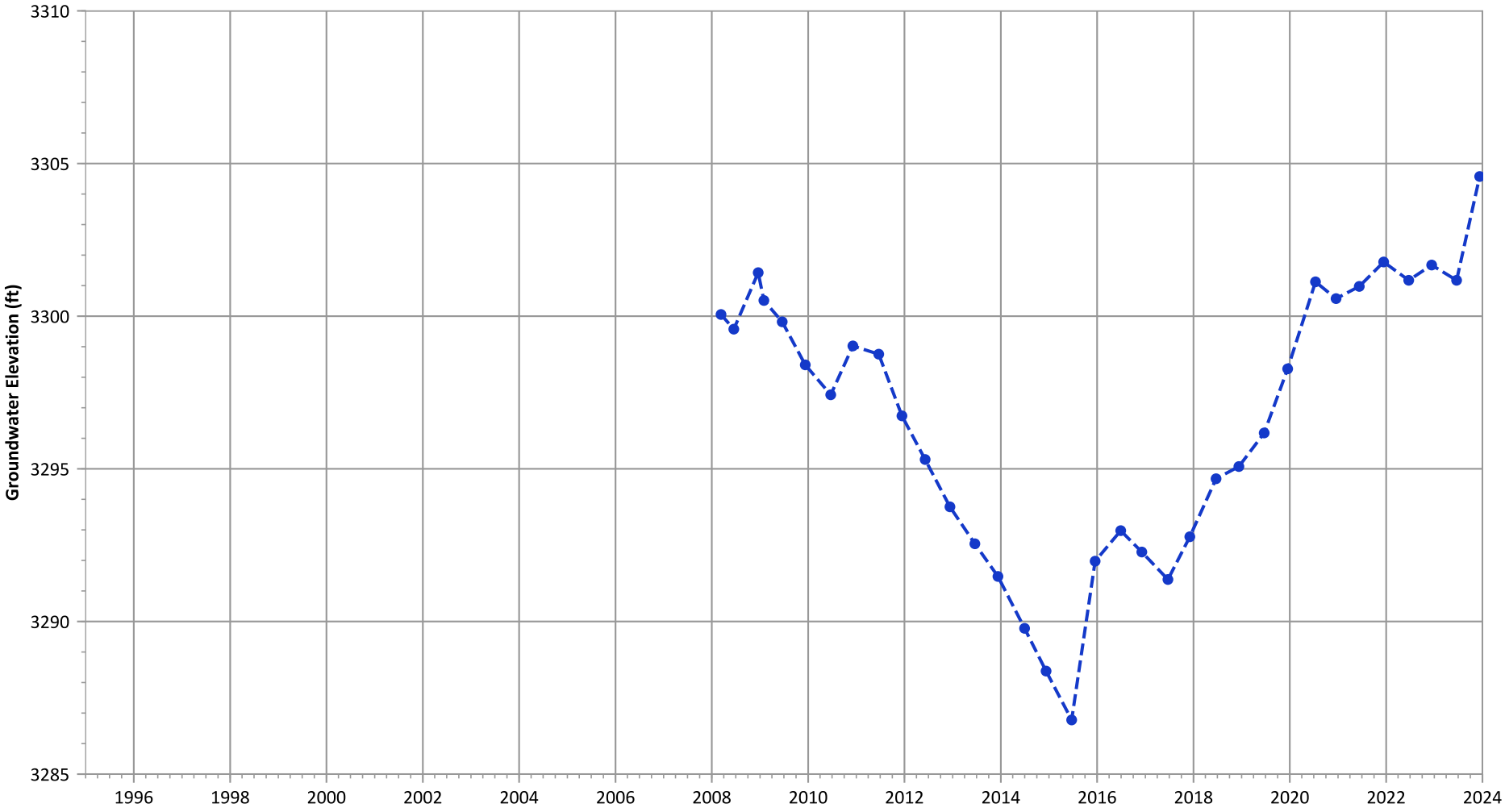
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 2.03 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.78 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.

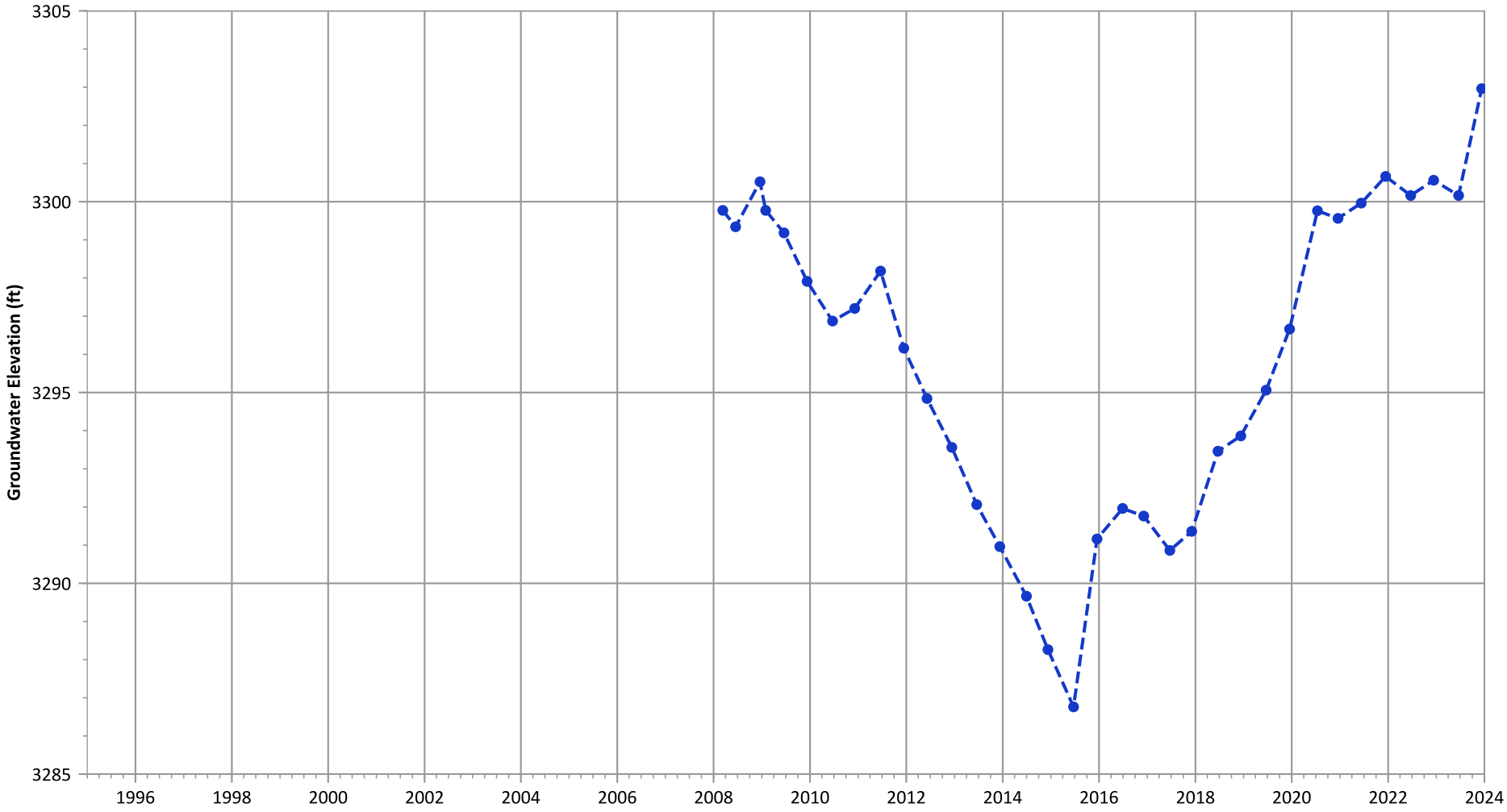
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.95 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.52 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.

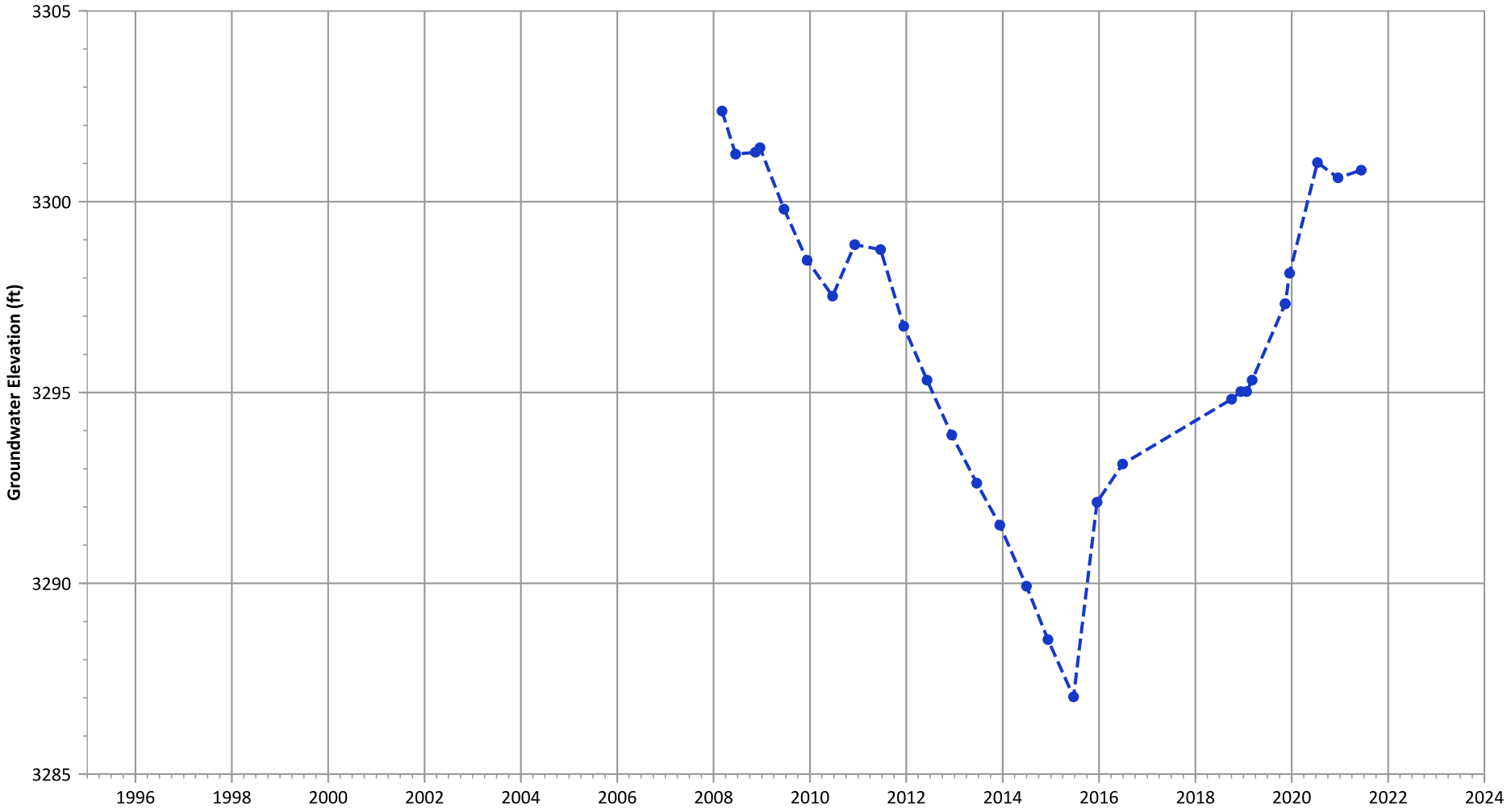
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.61 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.46 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.

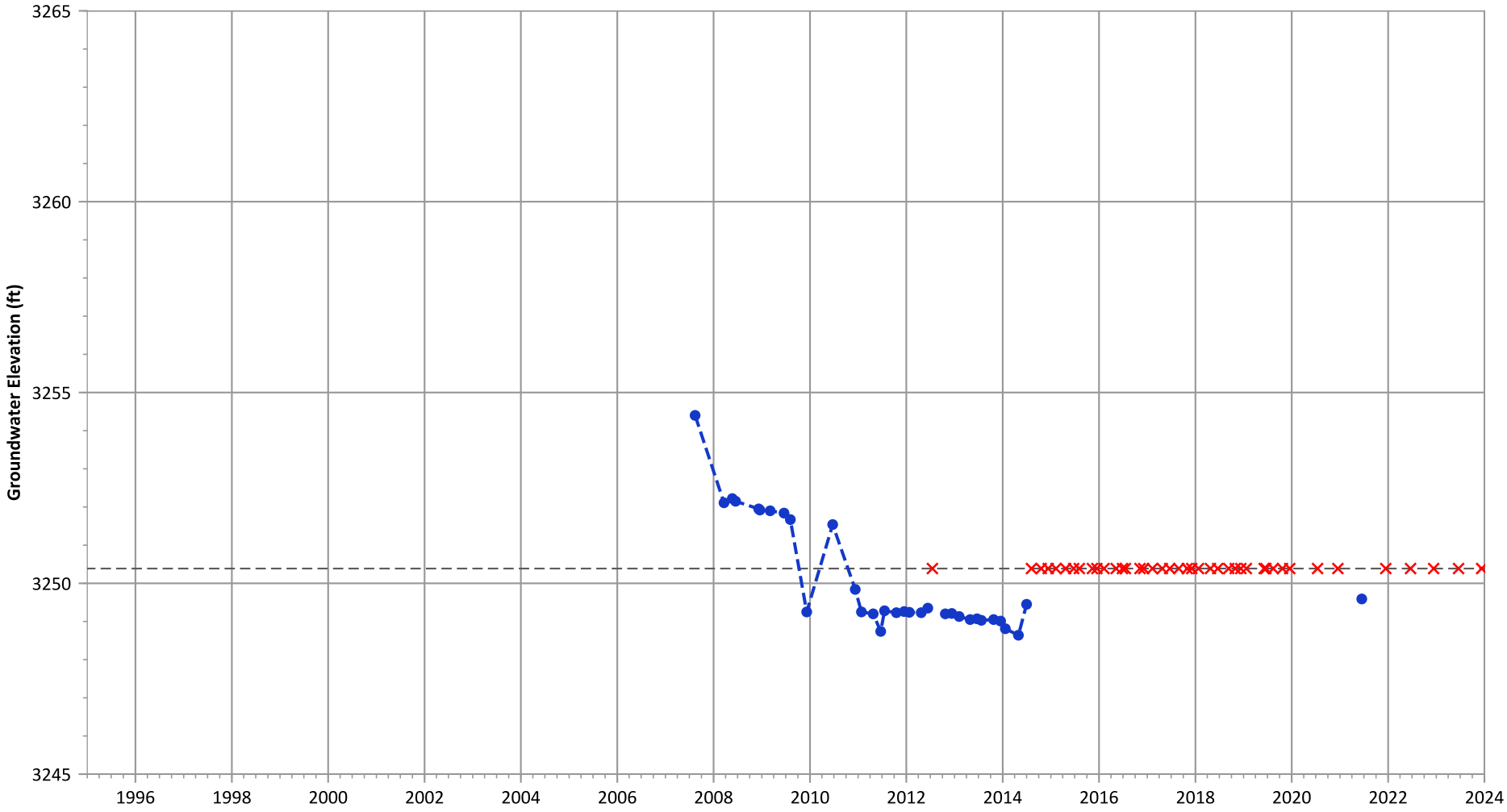
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.23 ft/yr

PTX06-1118 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

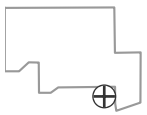


Notes:
1. Top of screen elevation is 3260.39 ft msl.
2. The bottom of screen elevation is 3250.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

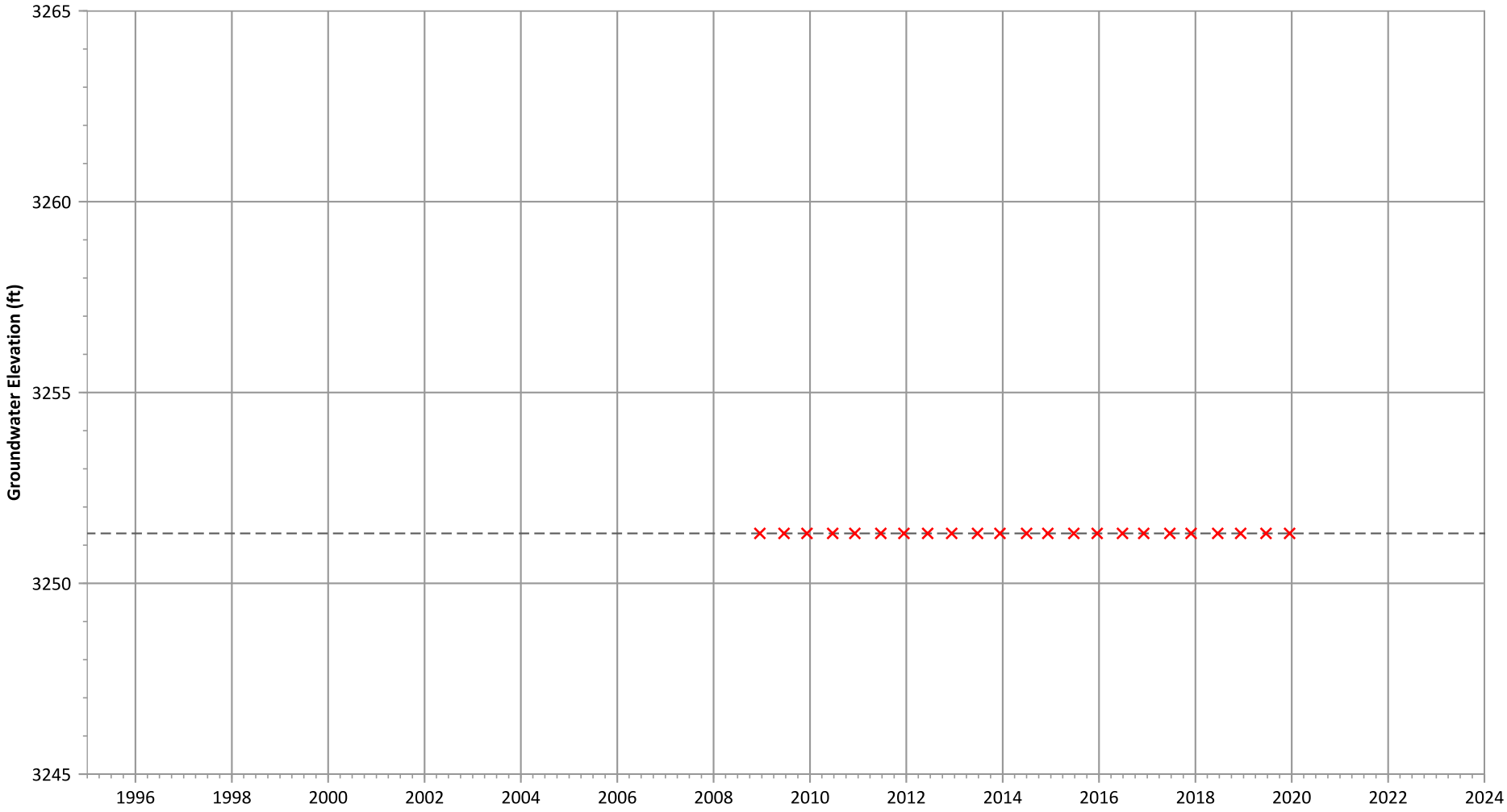
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-1119 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

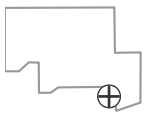


Notes:
1. Top of screen elevation is 3261.31 ft msl.
2. The bottom of screen elevation is 3251.31 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

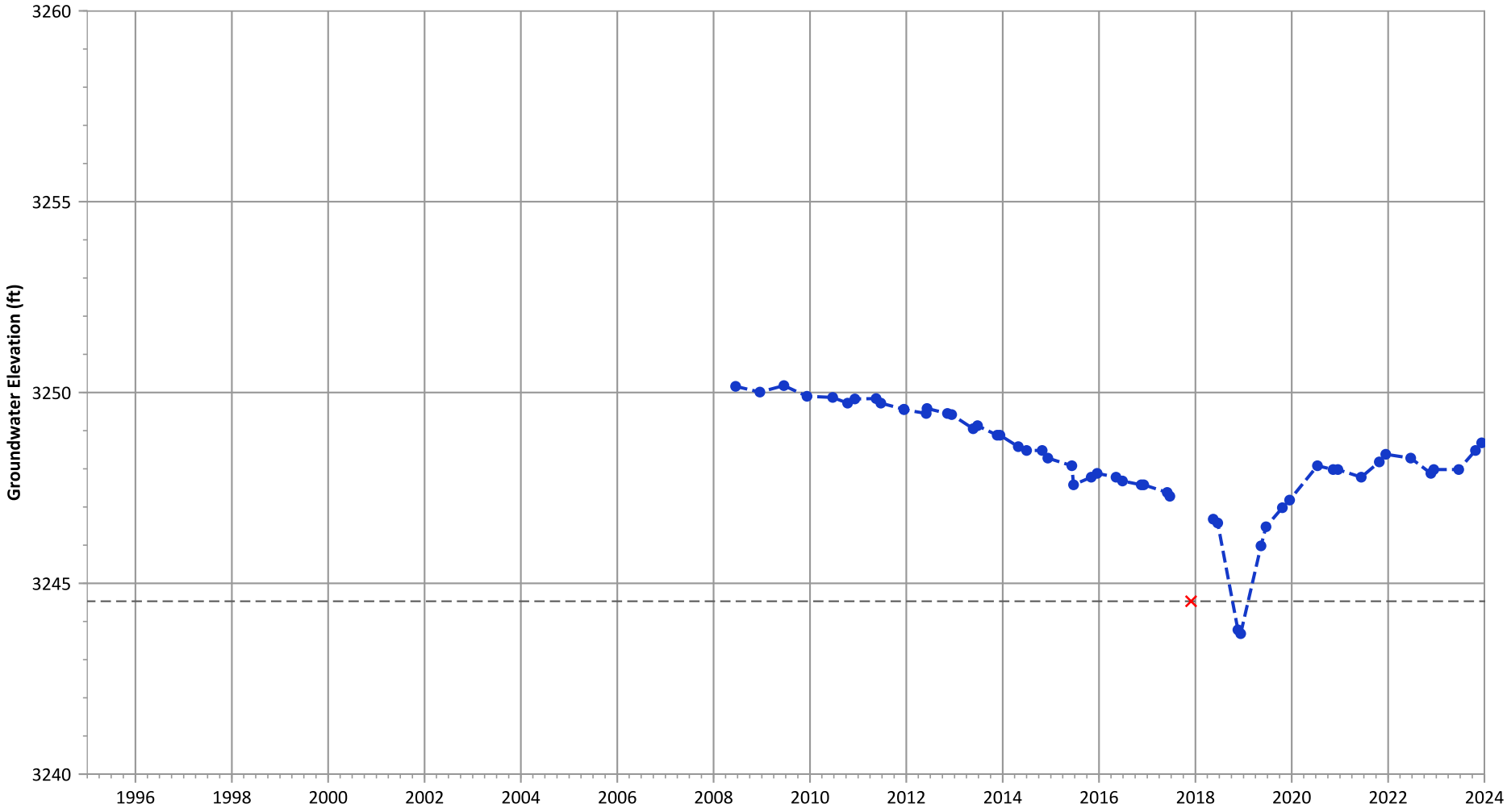
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1120 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

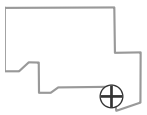


Notes:
1. Top of screen elevation is 3259.53 ft msl.
2. The bottom of screen elevation is 3244.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

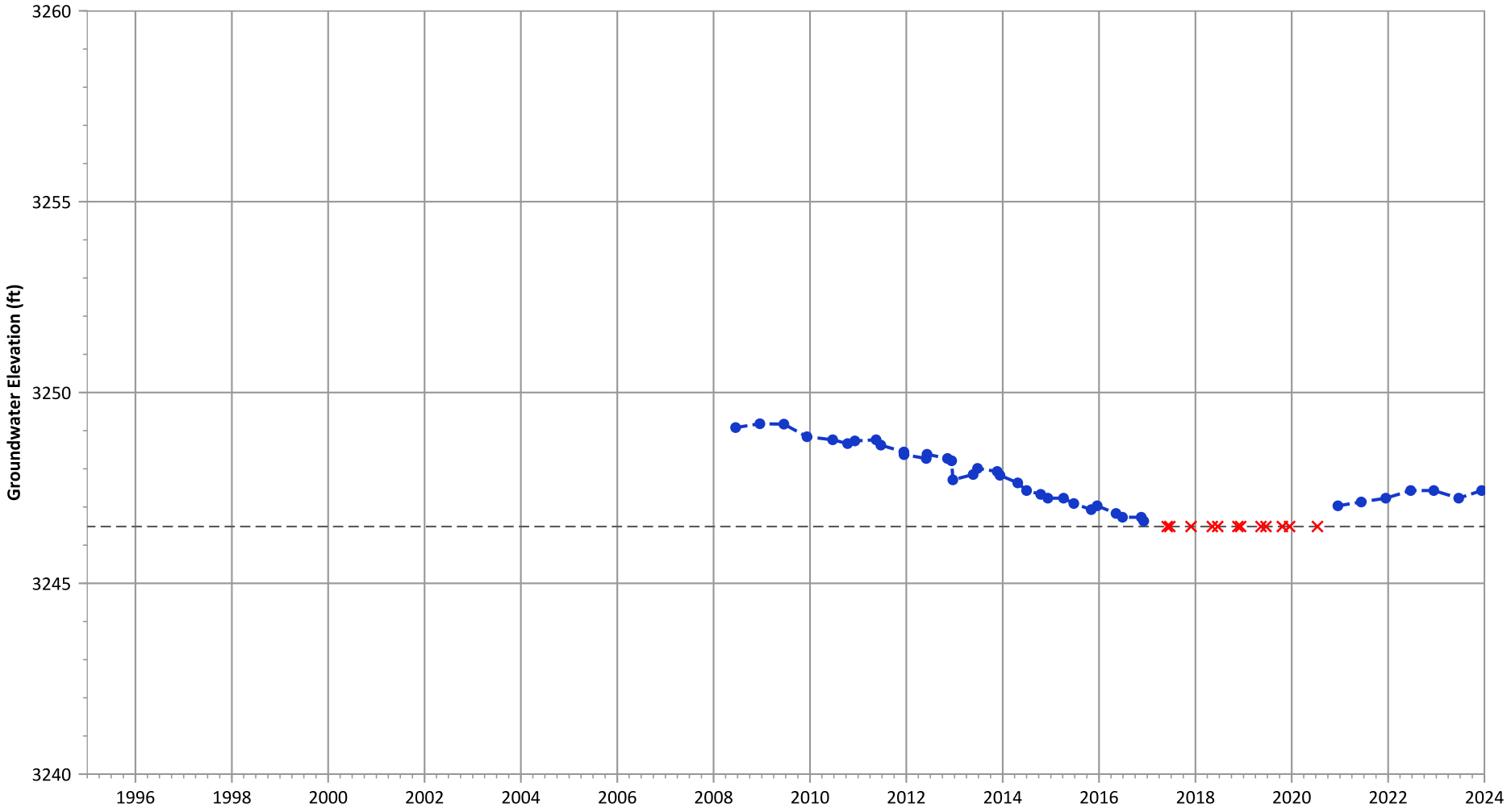
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.34 ft/yr
Data (7/2009 - 12/2023): 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.

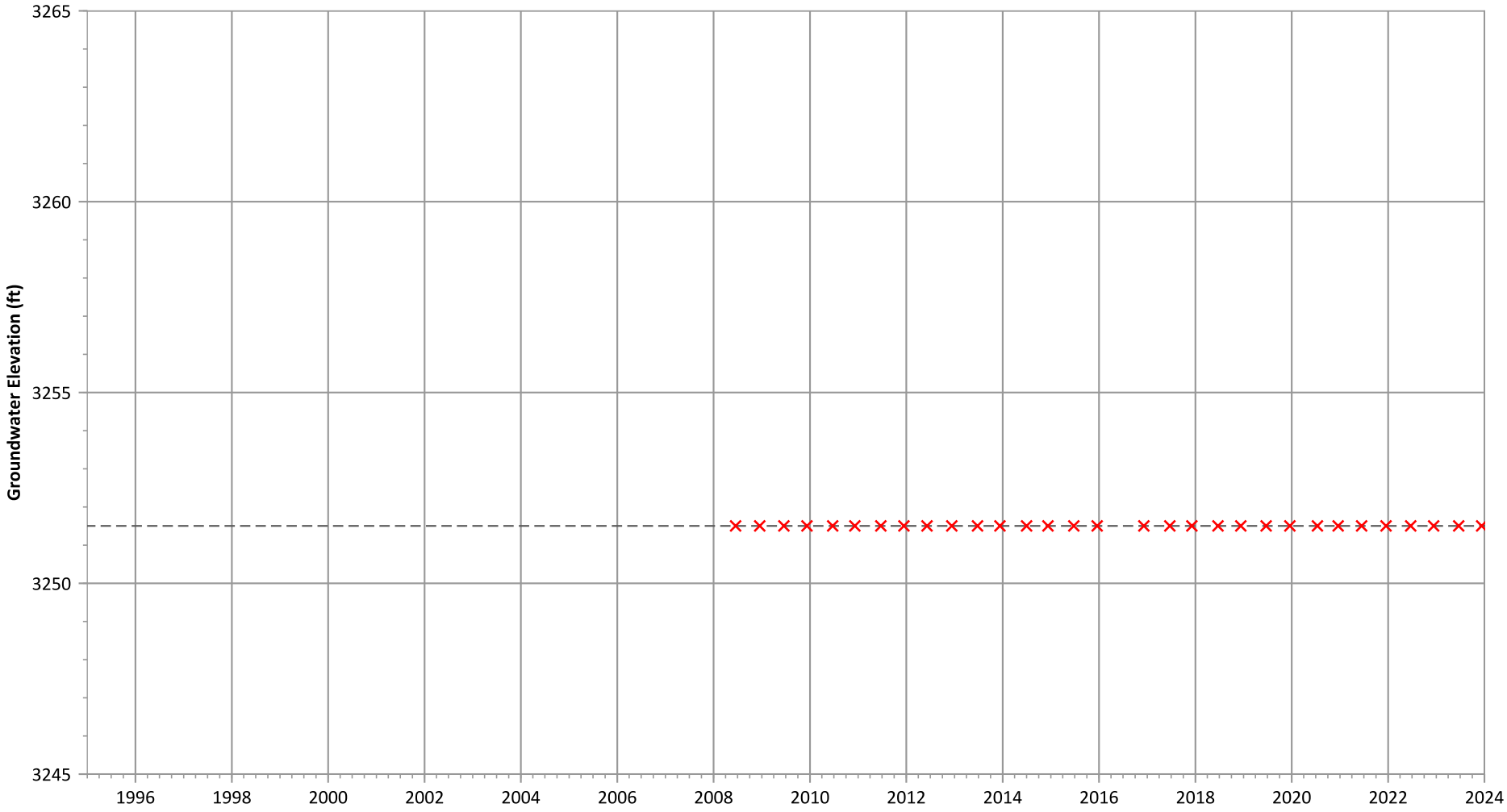
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.12 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.

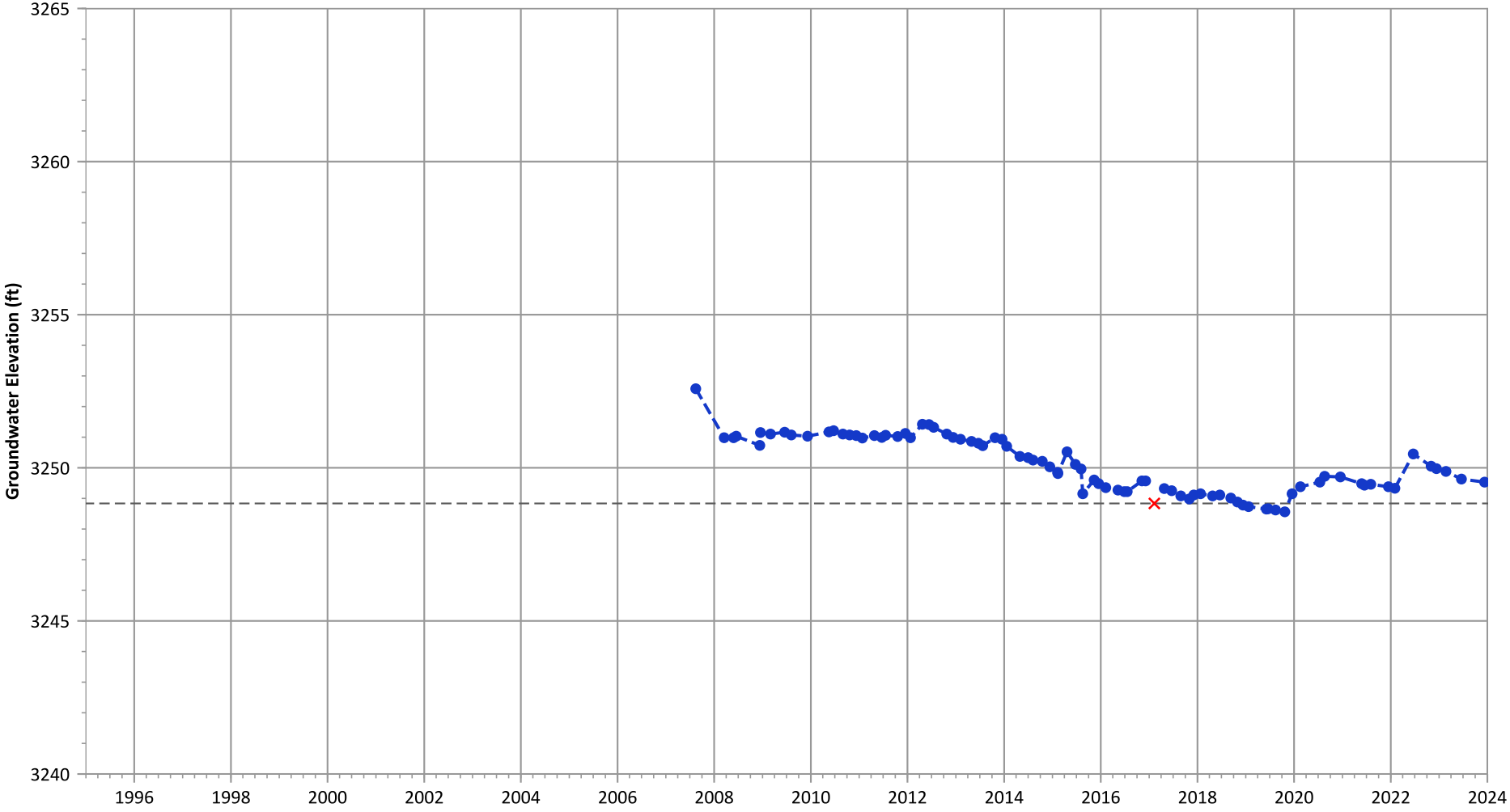
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1123 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

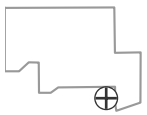


Notes:
1. Top of screen elevation is 3258.84 ft msl.
2. The bottom of screen elevation is 3248.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

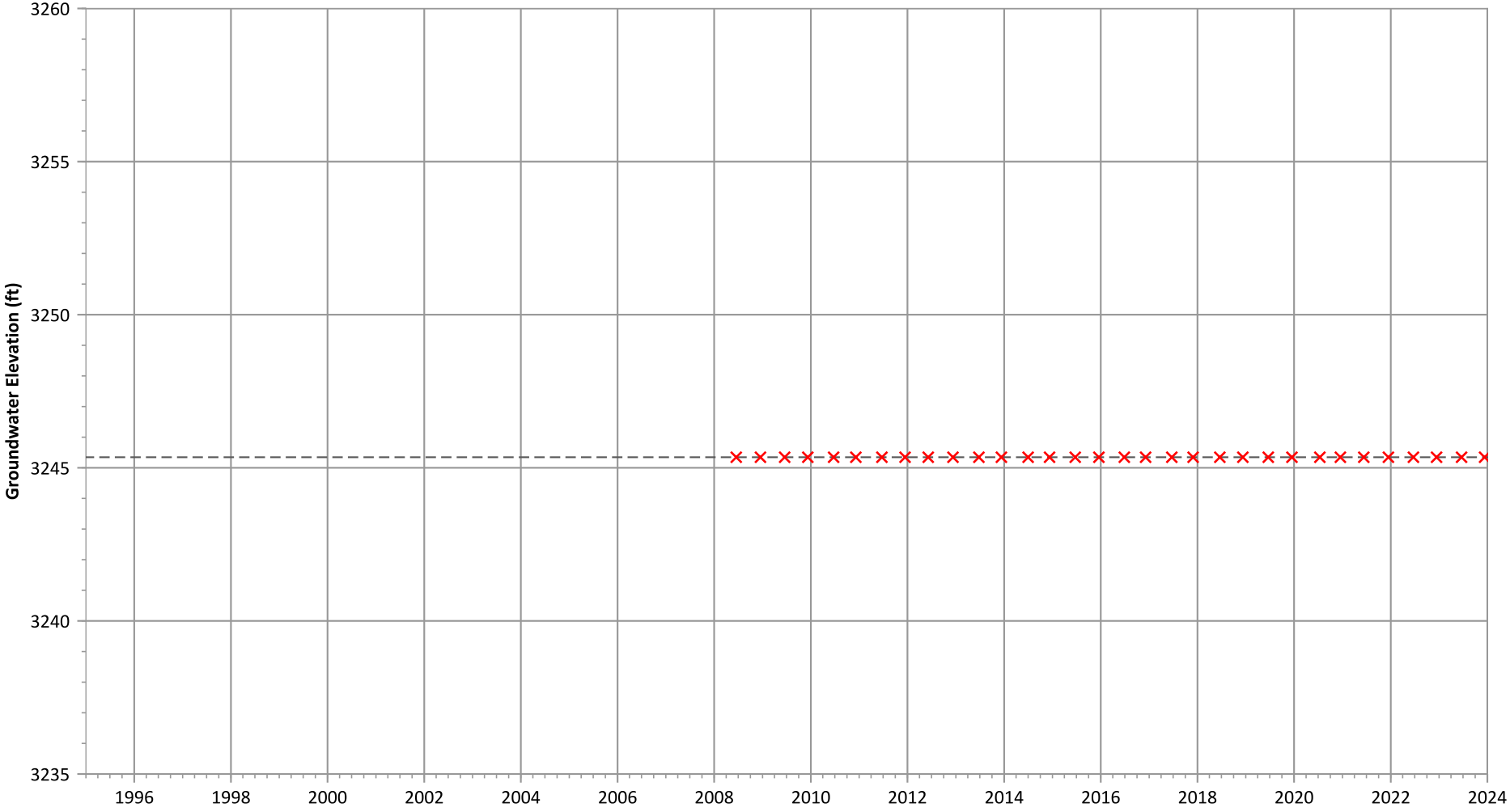
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.13 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX06-1125 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

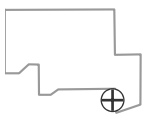


Notes:
1. Top of screen elevation is 3255.34 ft msl.
2. The bottom of screen elevation is 3245.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

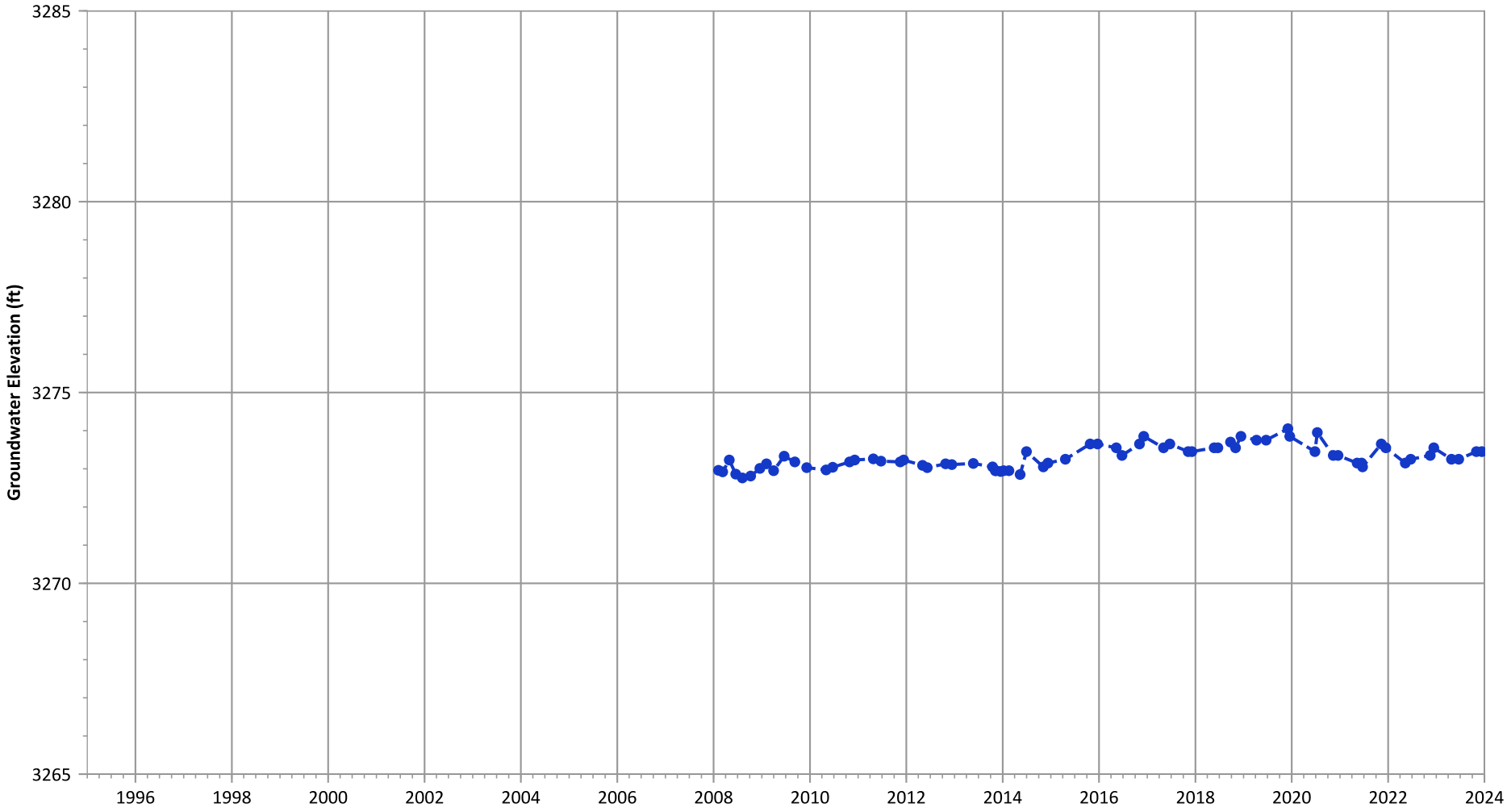
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1126 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

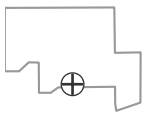


Notes:
1. Top of screen elevation is 3282.55 ft msl.
2. The bottom of screen elevation is 3252.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

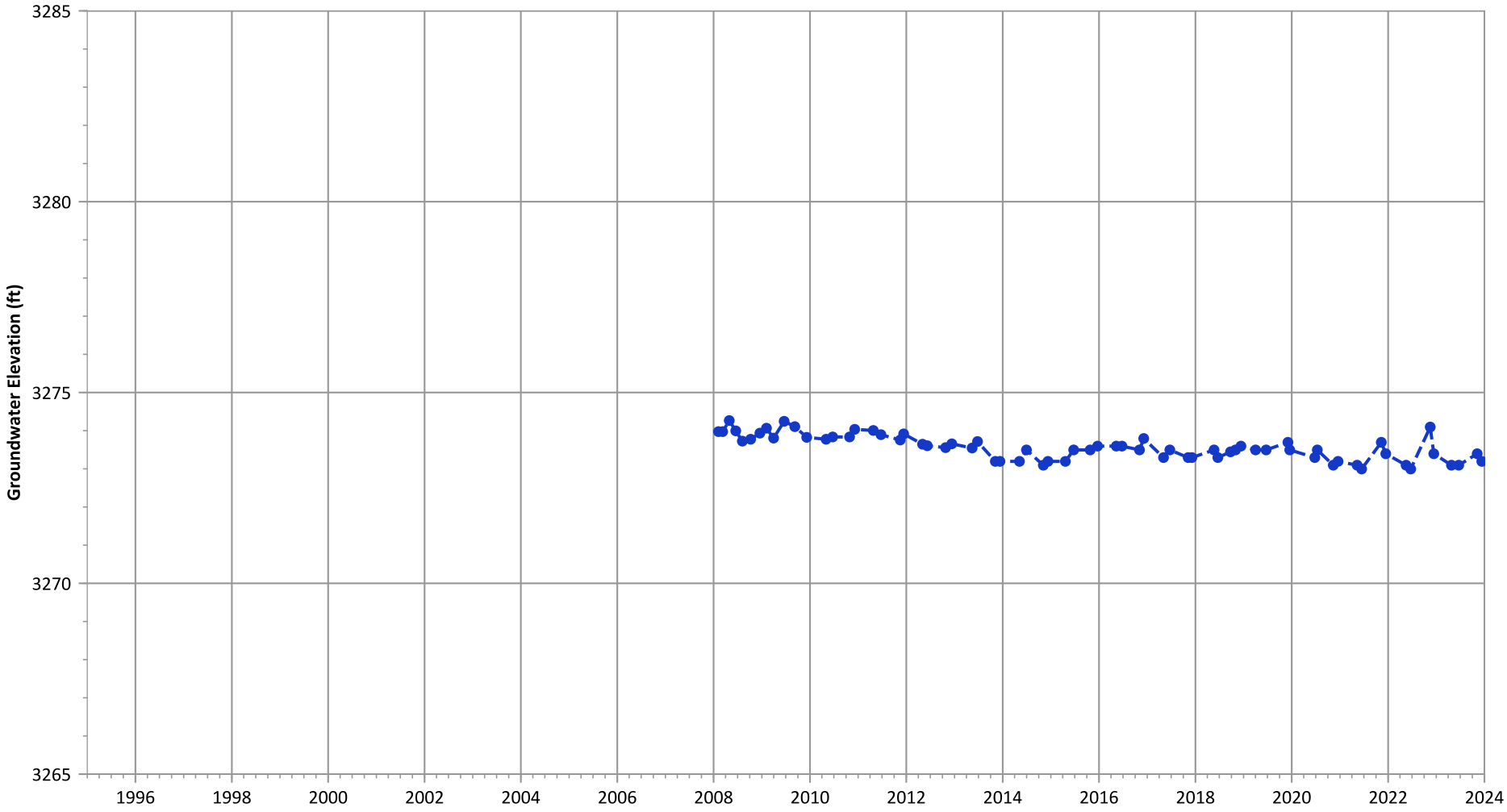
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1127 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

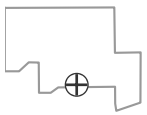


Notes:
1. Top of screen elevation is 3278.57 ft msl.
2. The bottom of screen elevation is 3248.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

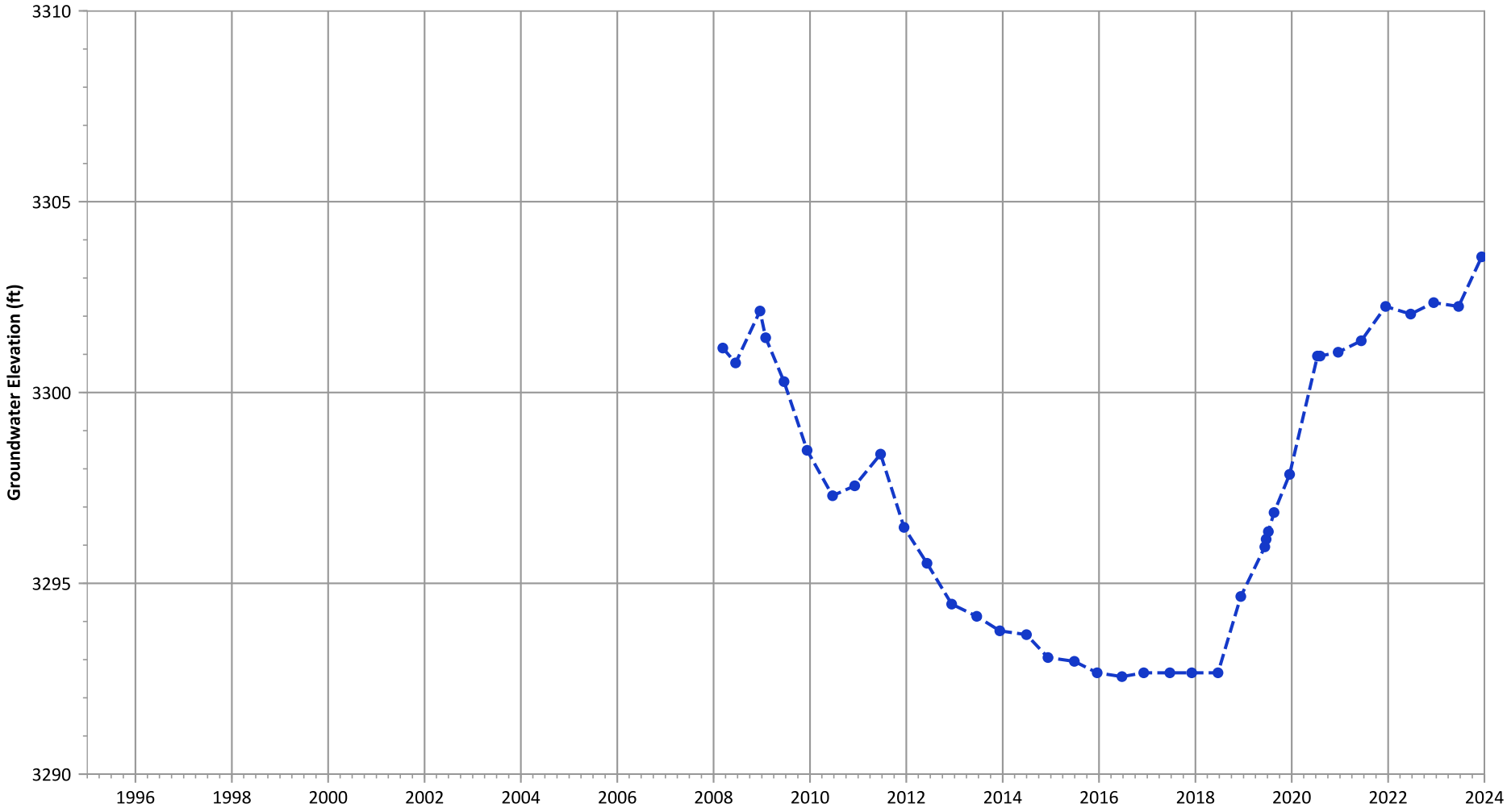
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

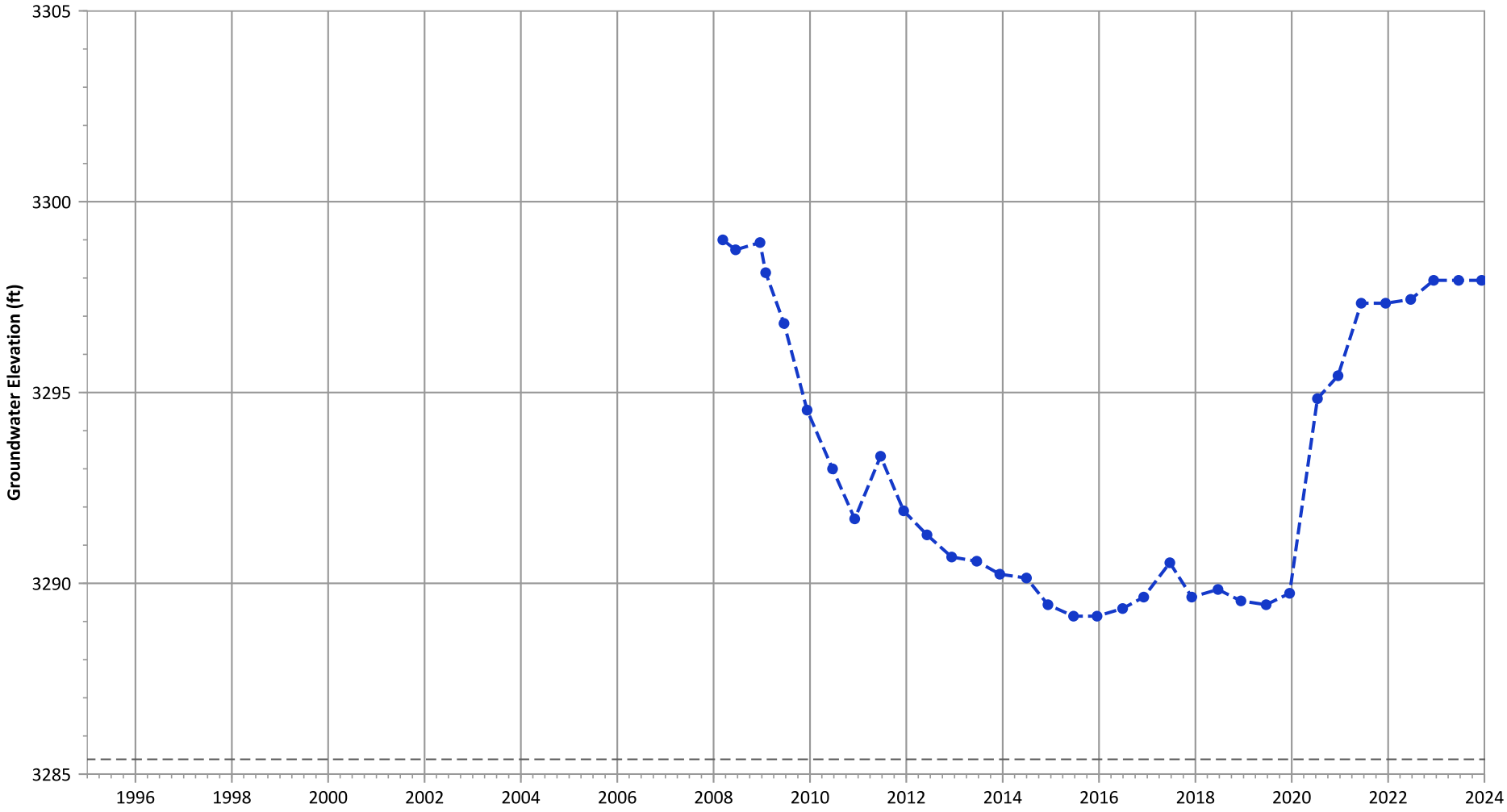
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.89 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.47 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.

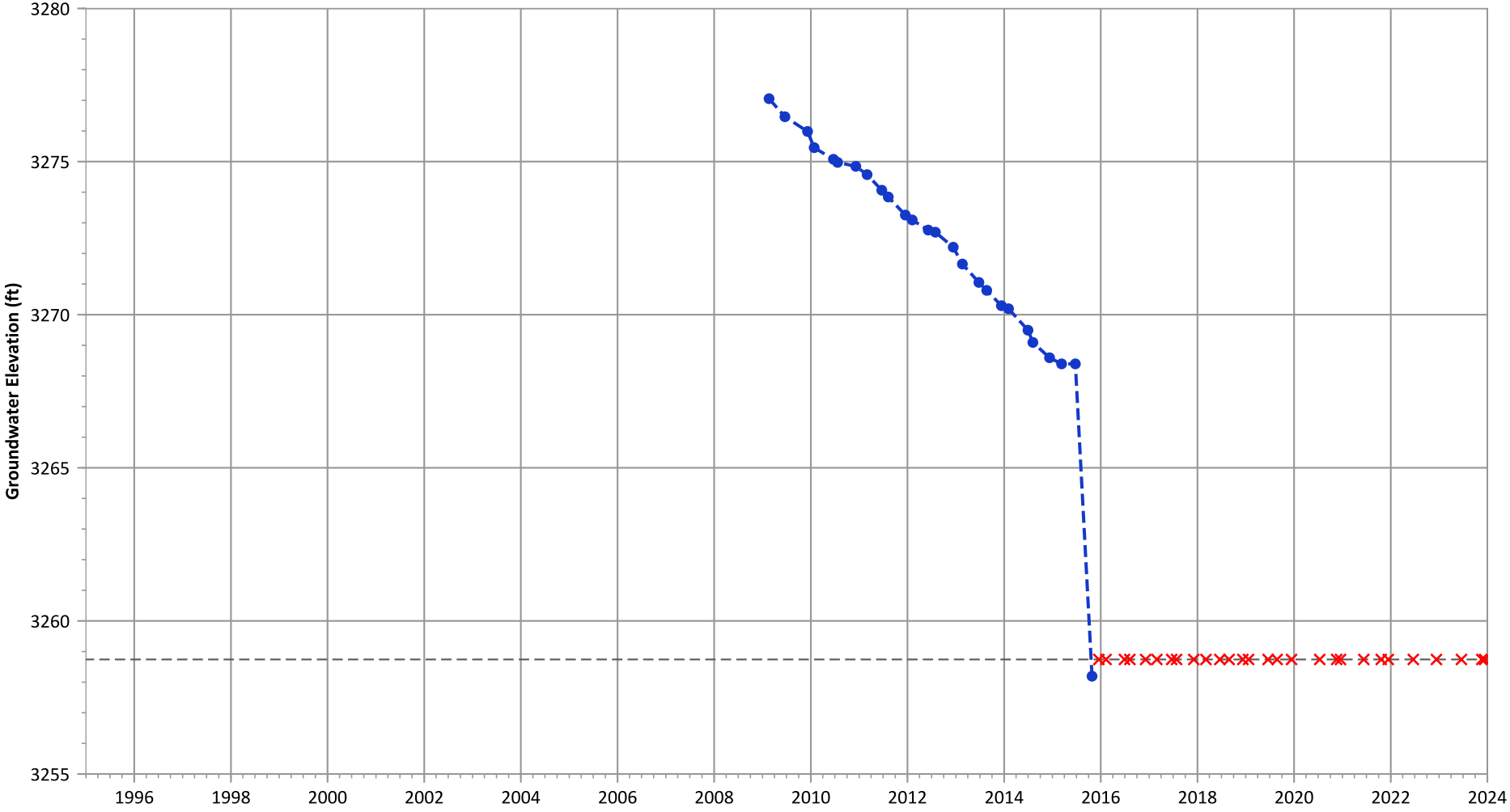
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.3 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.4 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.

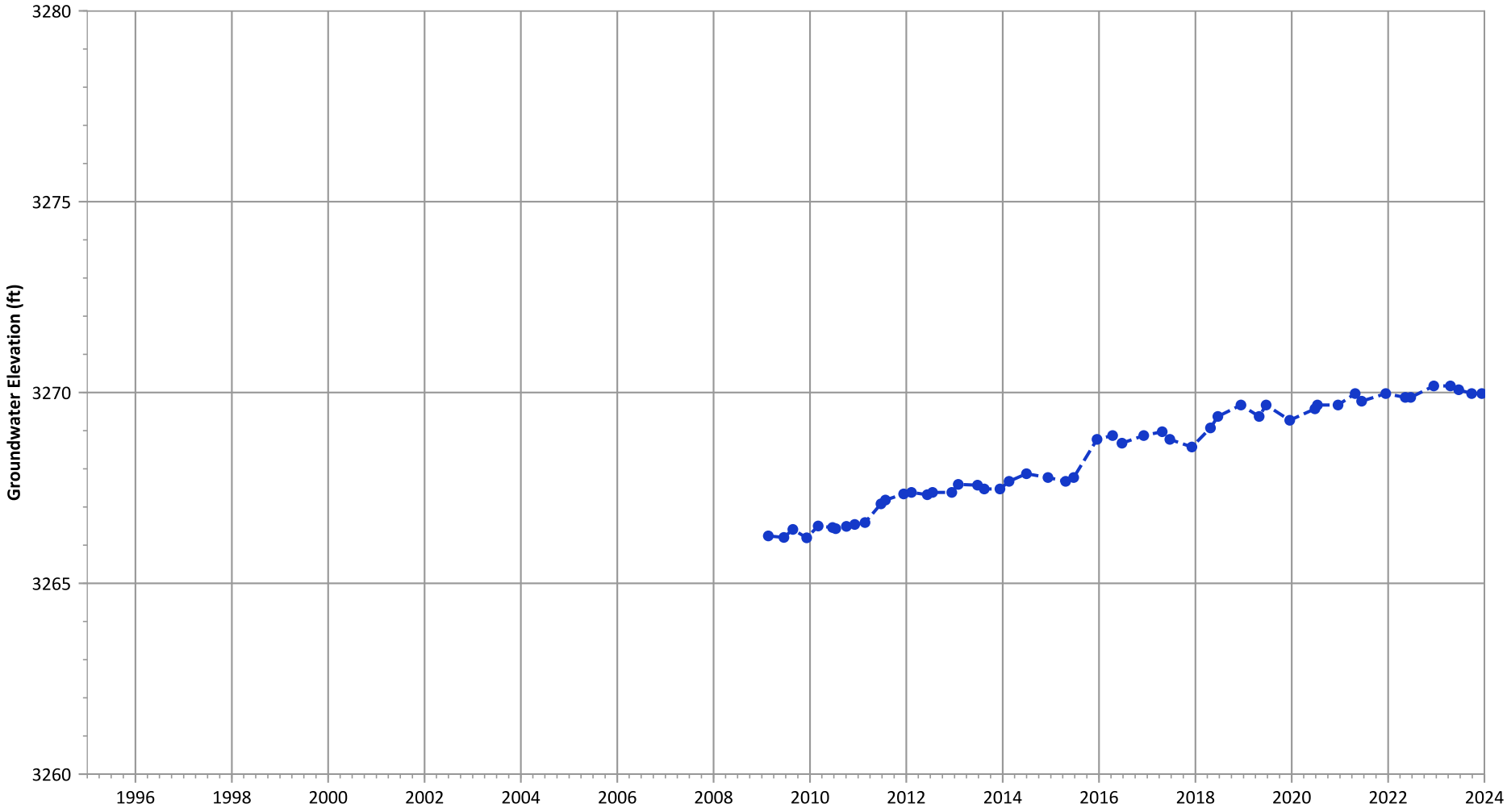
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 1.82 ft/yr

PTX06-1131 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

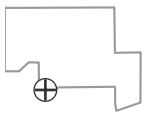


Notes:
1. Top of screen elevation is 3278.81 ft msl.
2. The bottom of screen elevation is 3258.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

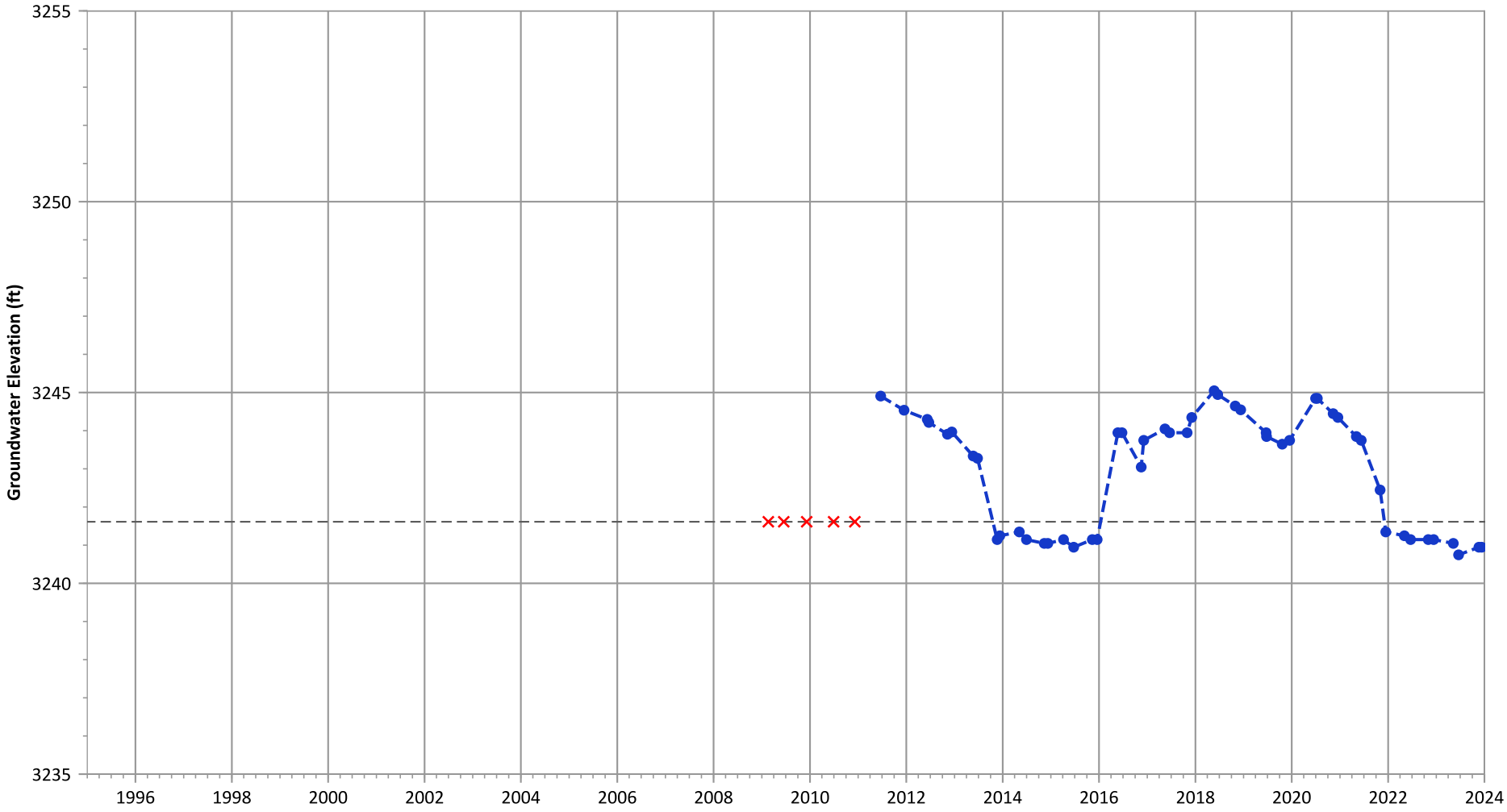
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.28 ft/yr

PTX06-1133A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

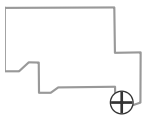


Notes:
1. Top of screen elevation is 3256.61 ft msl.
2. The bottom of screen elevation is 3241.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

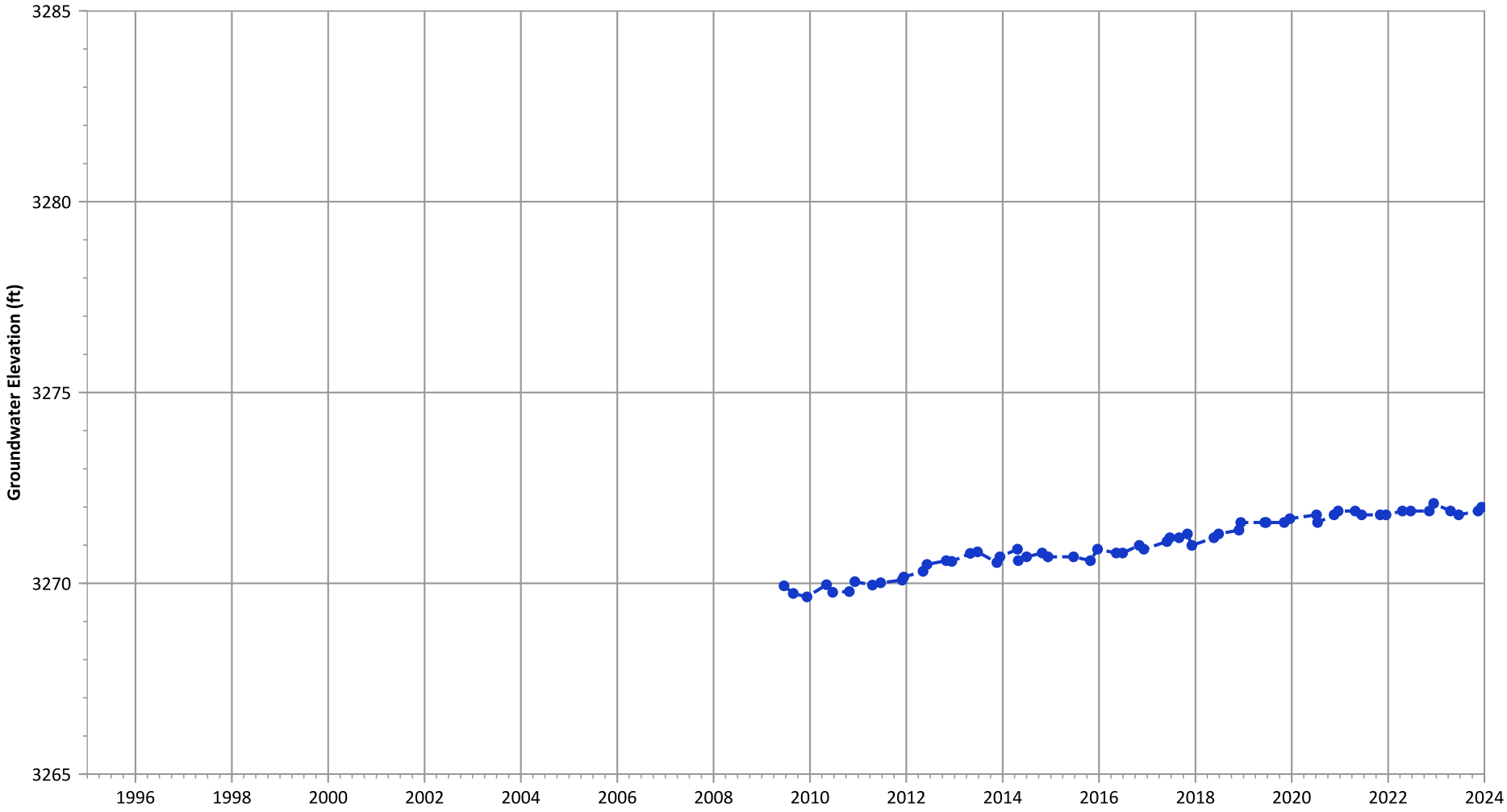
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.21 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1134 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

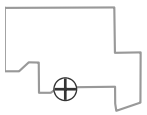


Notes:
1. Top of screen elevation is 3276.07 ft msl.
2. The bottom of screen elevation is 3261.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

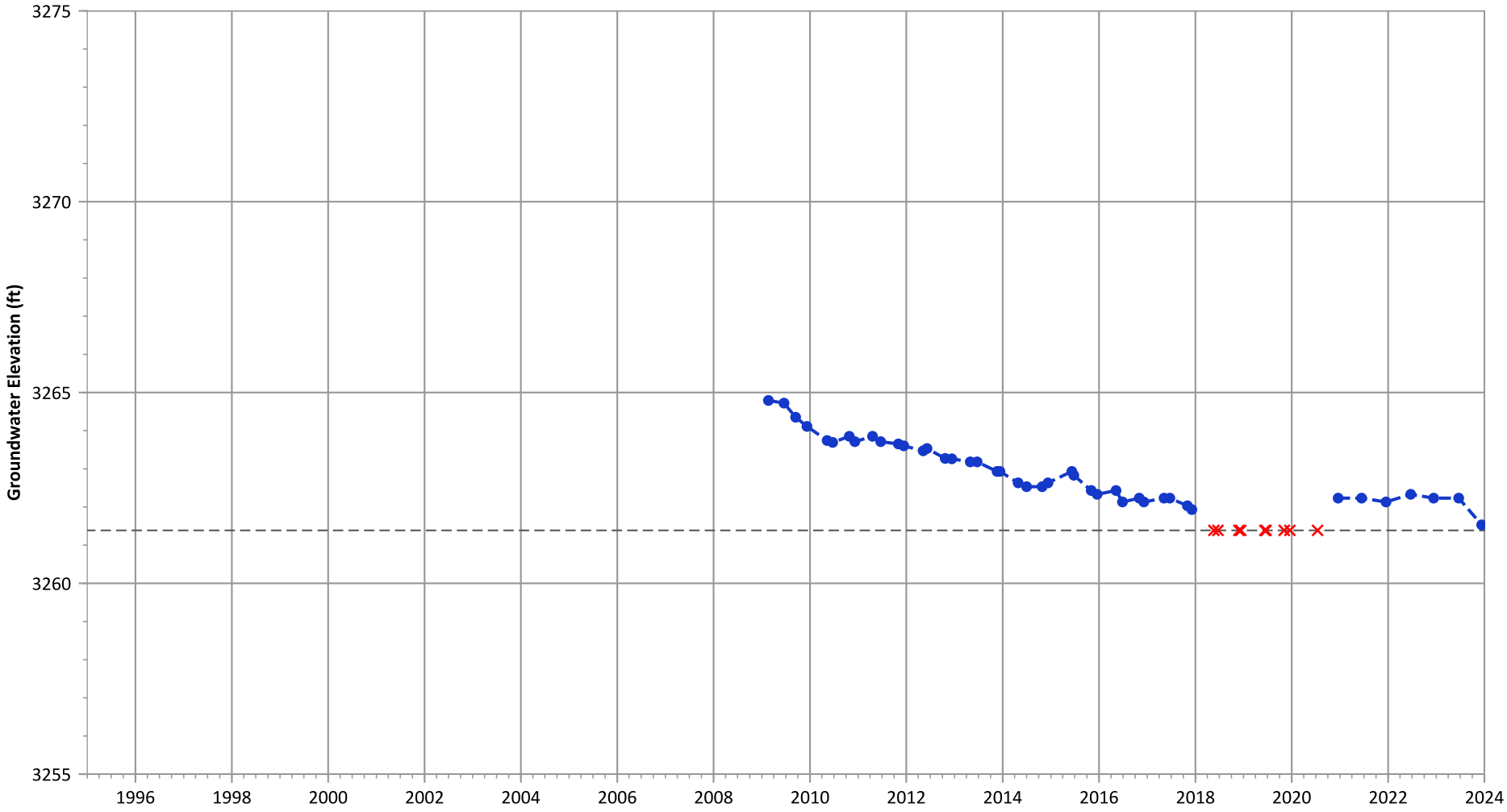
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.16 ft/yr

PTX06-1135 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

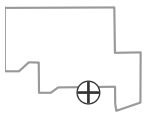


Notes:
1. Top of screen elevation is 3281.39 ft msl.
2. The bottom of screen elevation is 3261.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

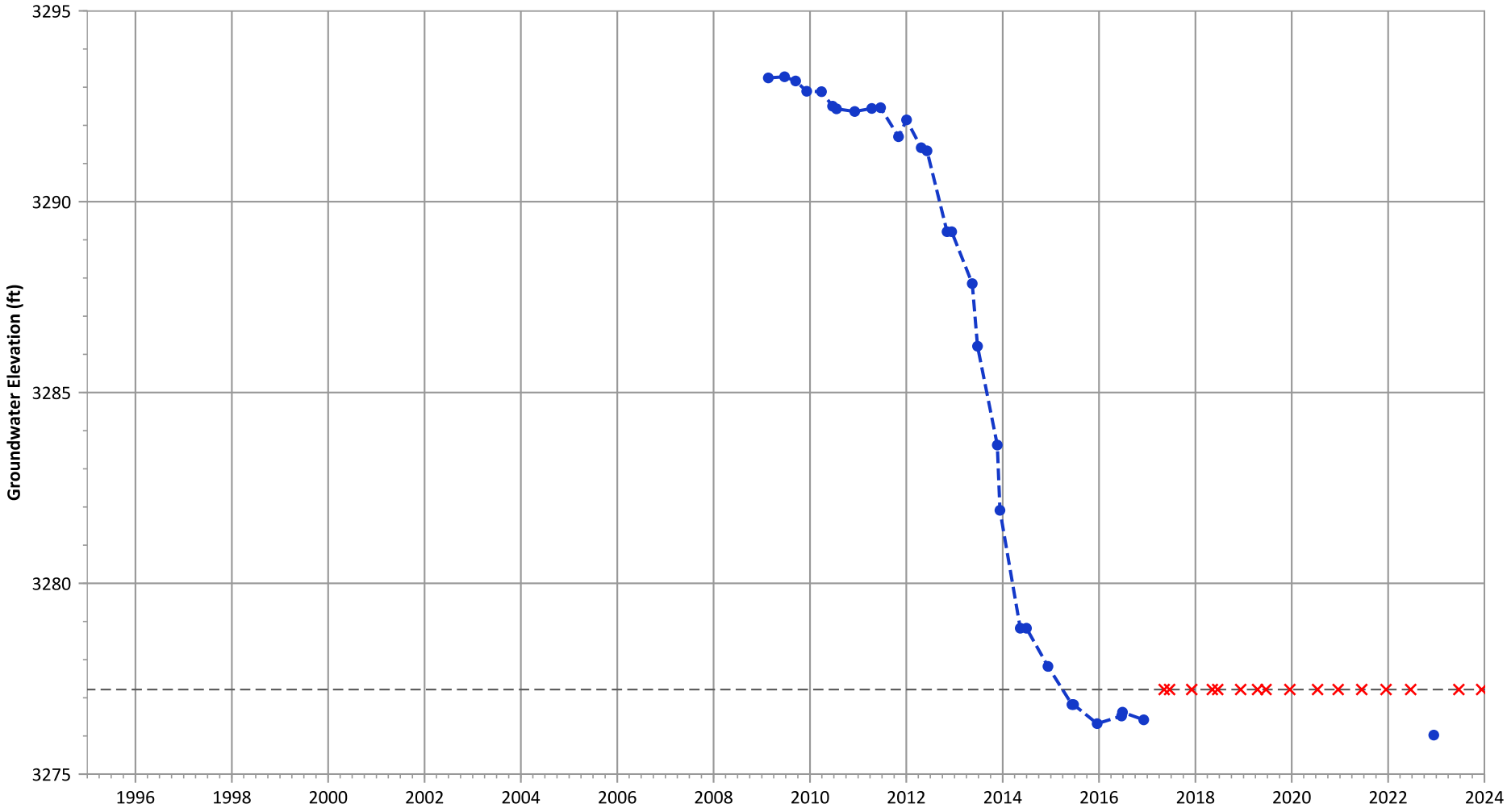
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.48 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.16 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.

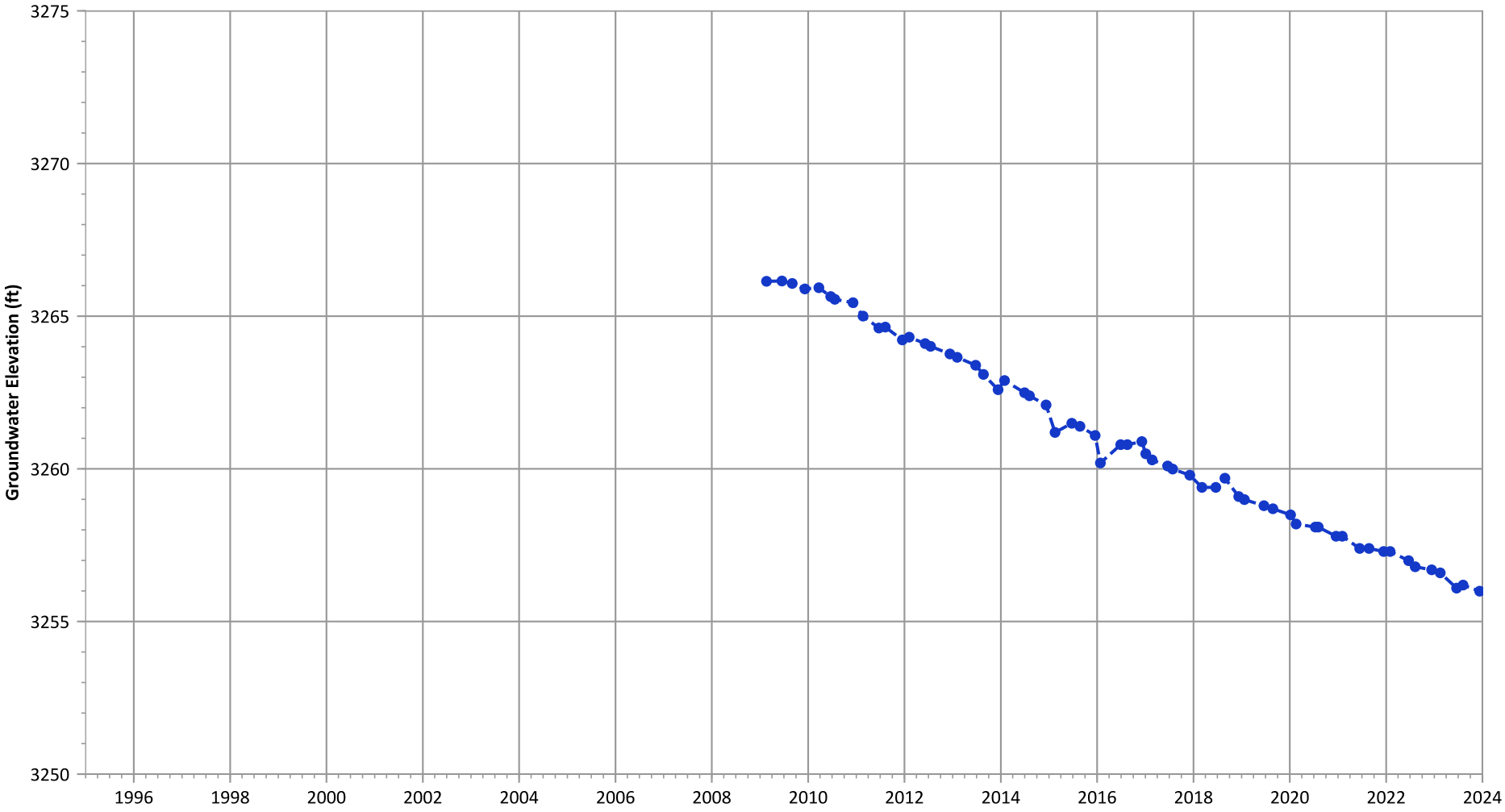
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 2.14 ft/yr

PTX06-1146 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

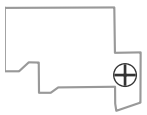


Notes:
1. Top of screen elevation is 3263.96 ft msl.
2. The bottom of screen elevation is 3243.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

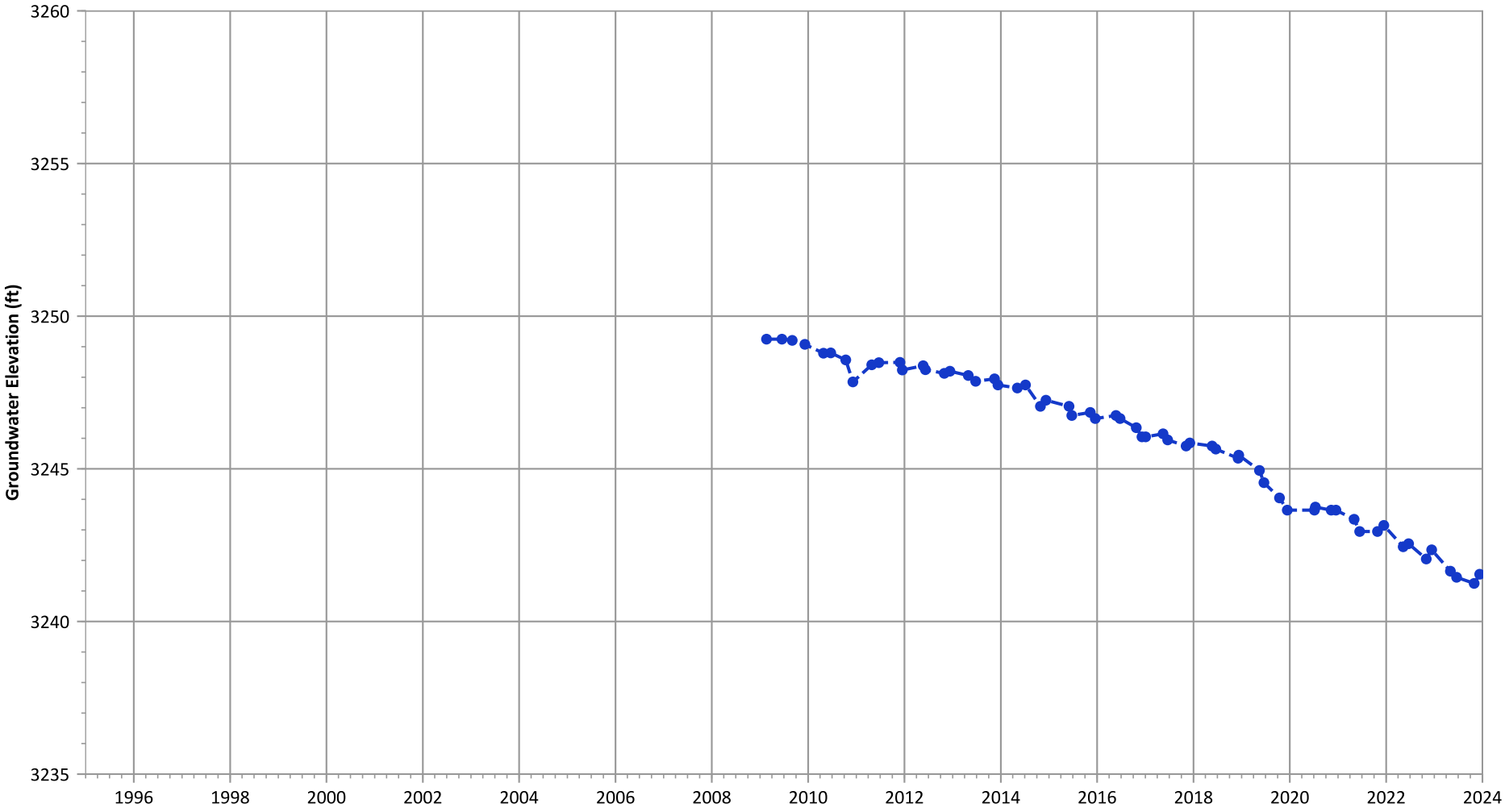
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.72 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.72 ft/yr

PTX06-1147 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

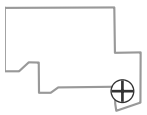


Notes:
1. Top of screen elevation is 3251.62 ft msl.
2. The bottom of screen elevation is 3231.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

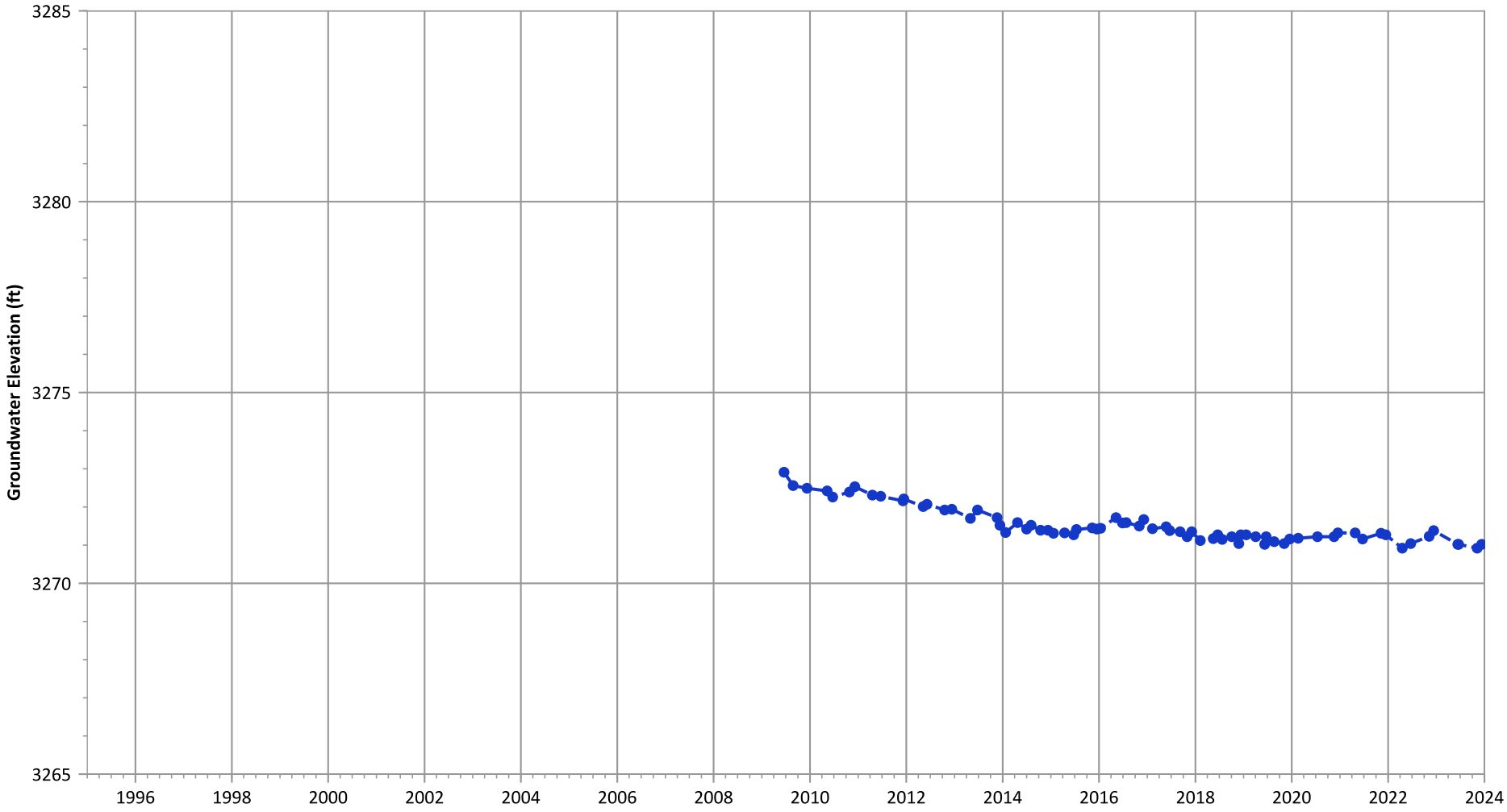
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.78 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.55 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.

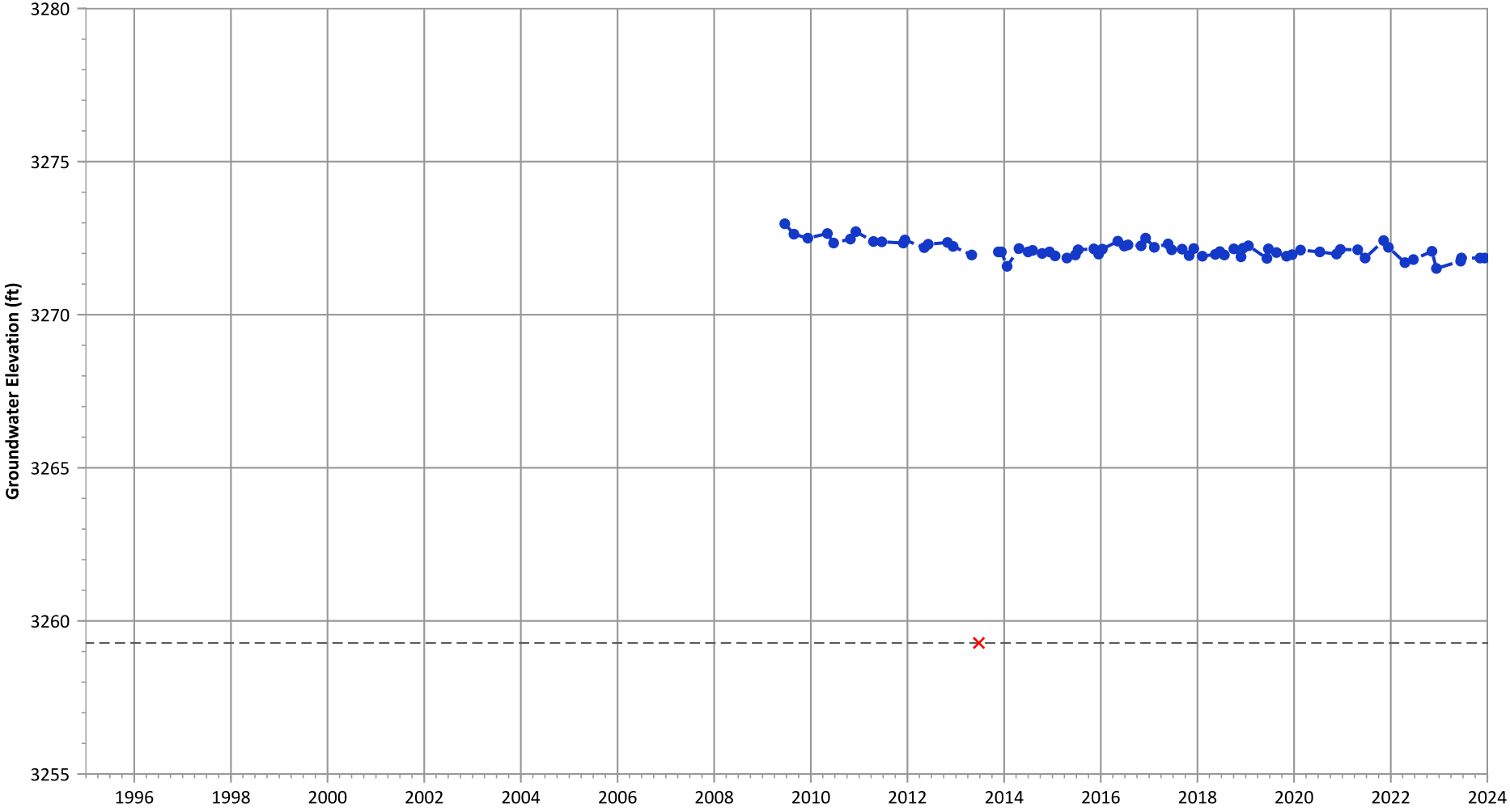
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

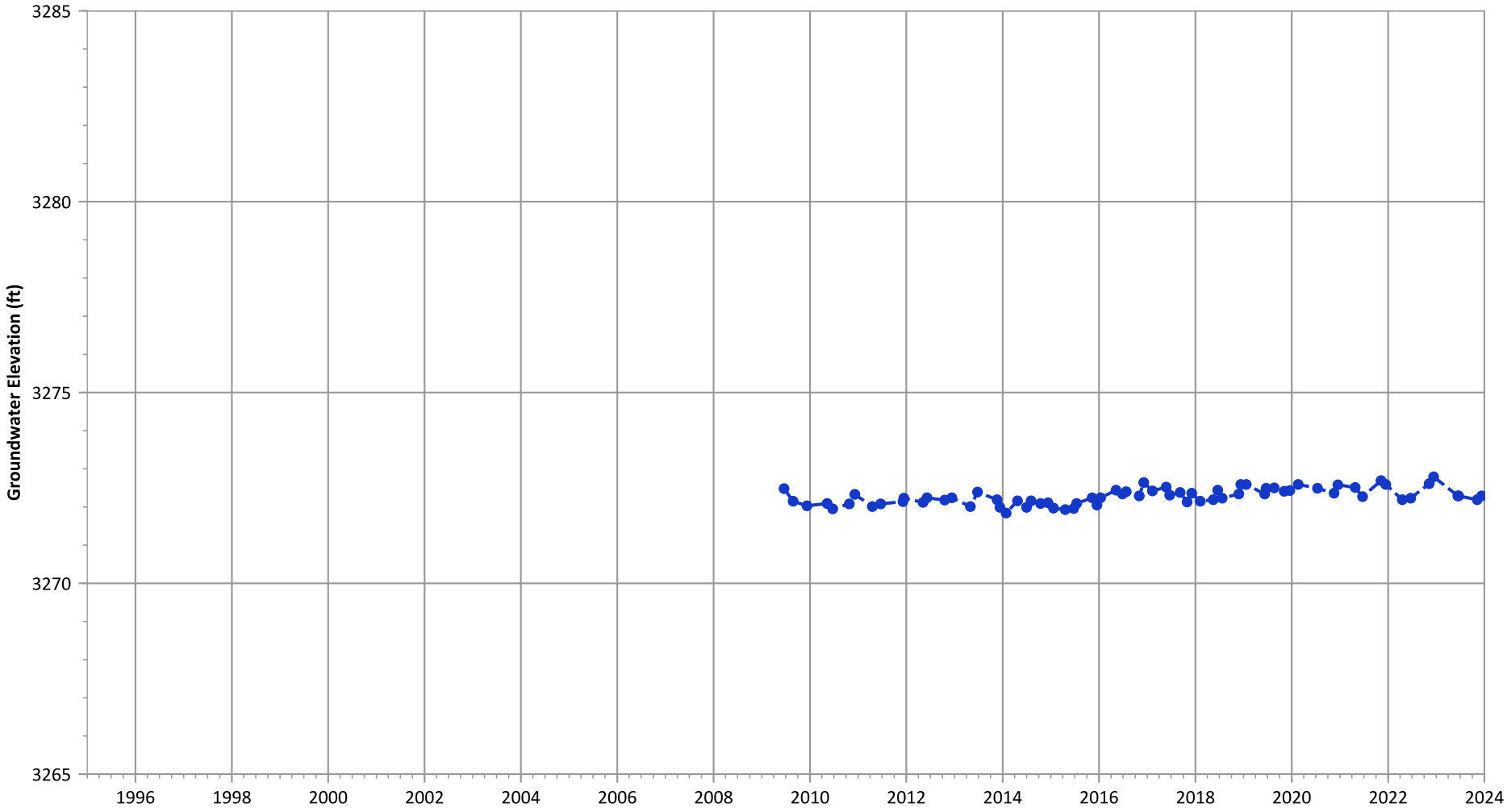
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1150 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

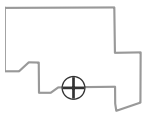


Notes:
1. Top of screen elevation is 3280.9 ft msl.
2. The bottom of screen elevation is 3260.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

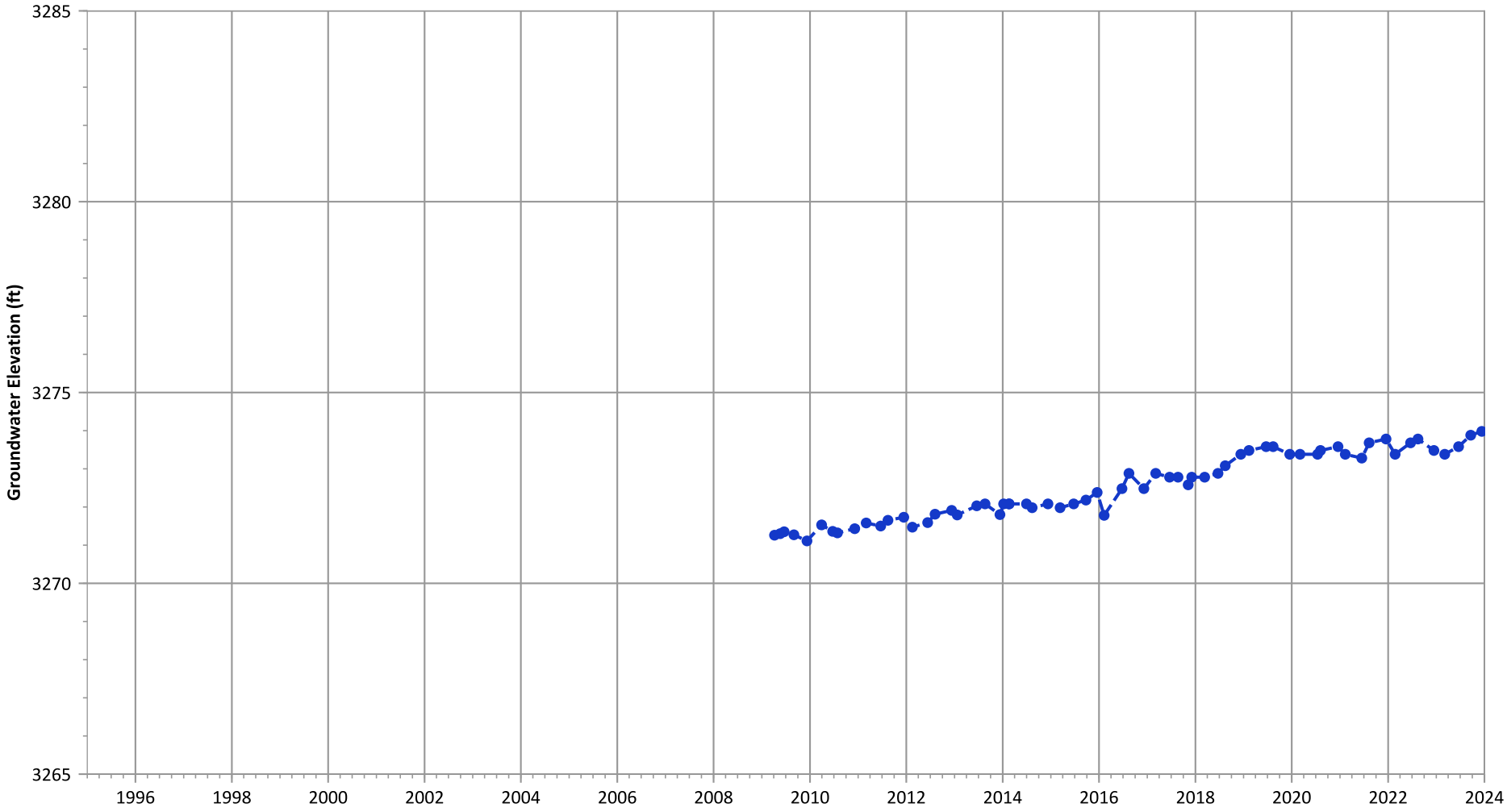
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

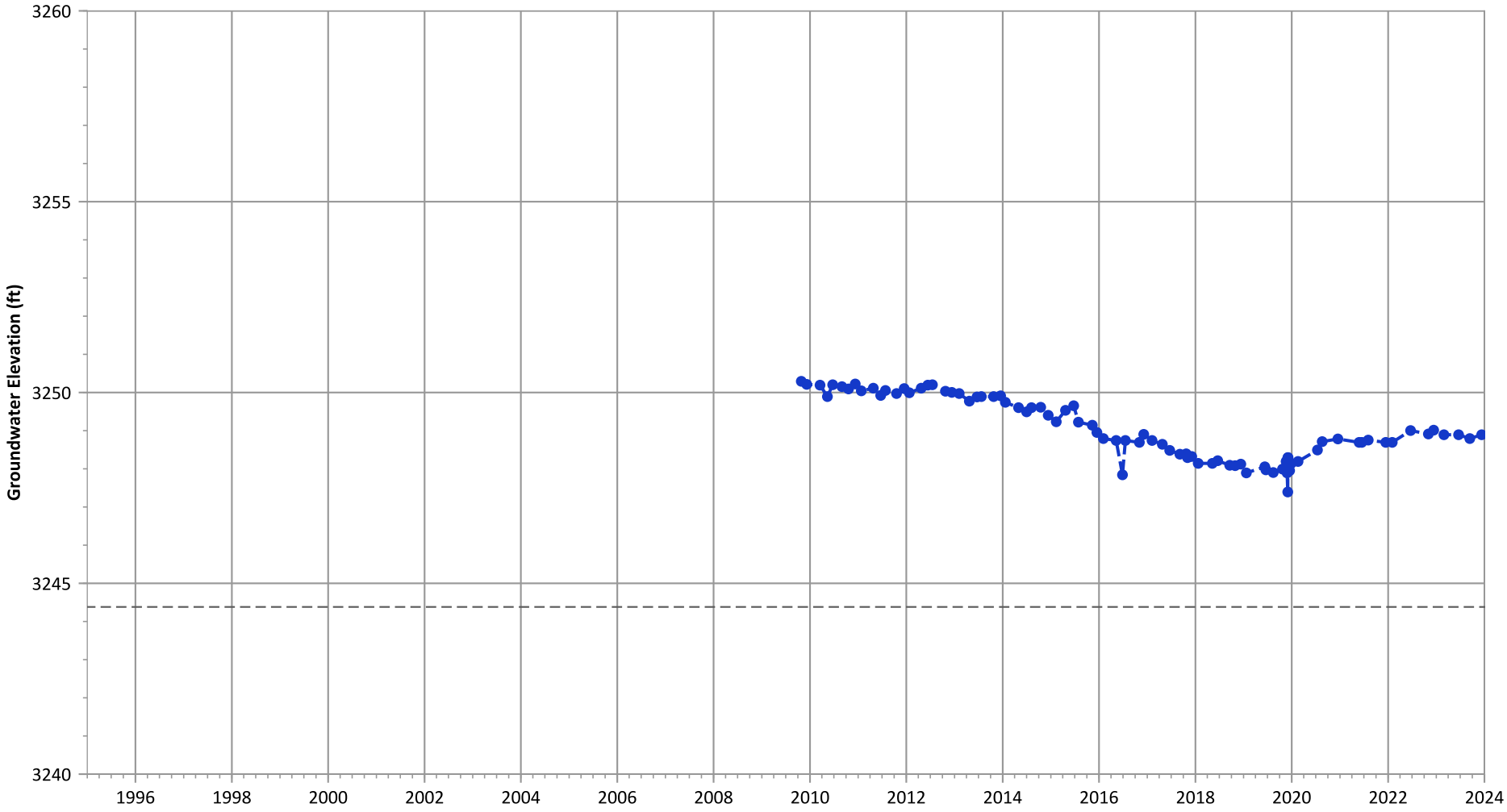
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.21 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.2 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.

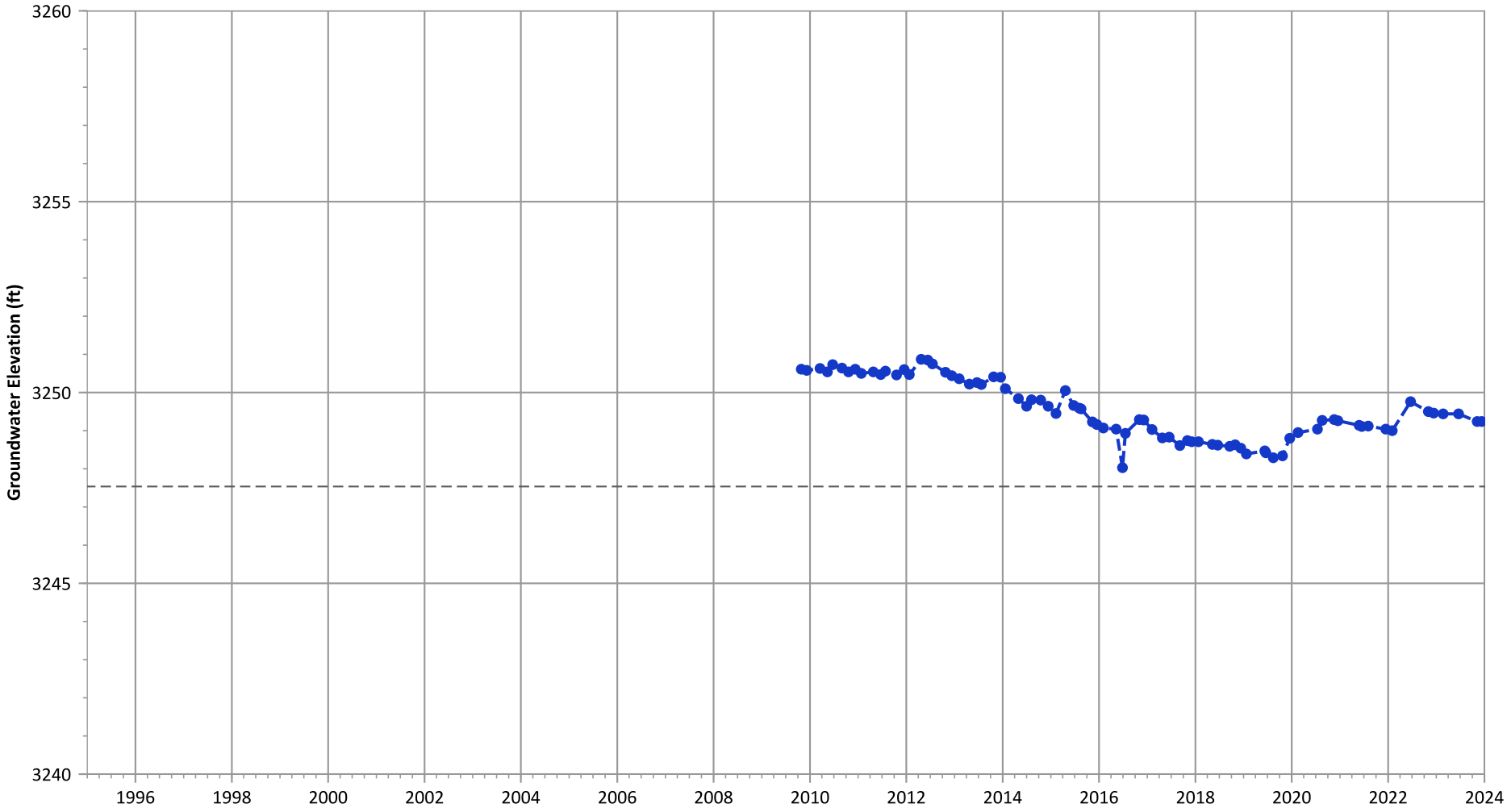
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX06-1154 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

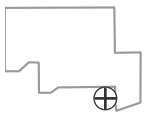


Notes:
1. Top of screen elevation is 3257.54 ft msl.
2. The bottom of screen elevation is 3247.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

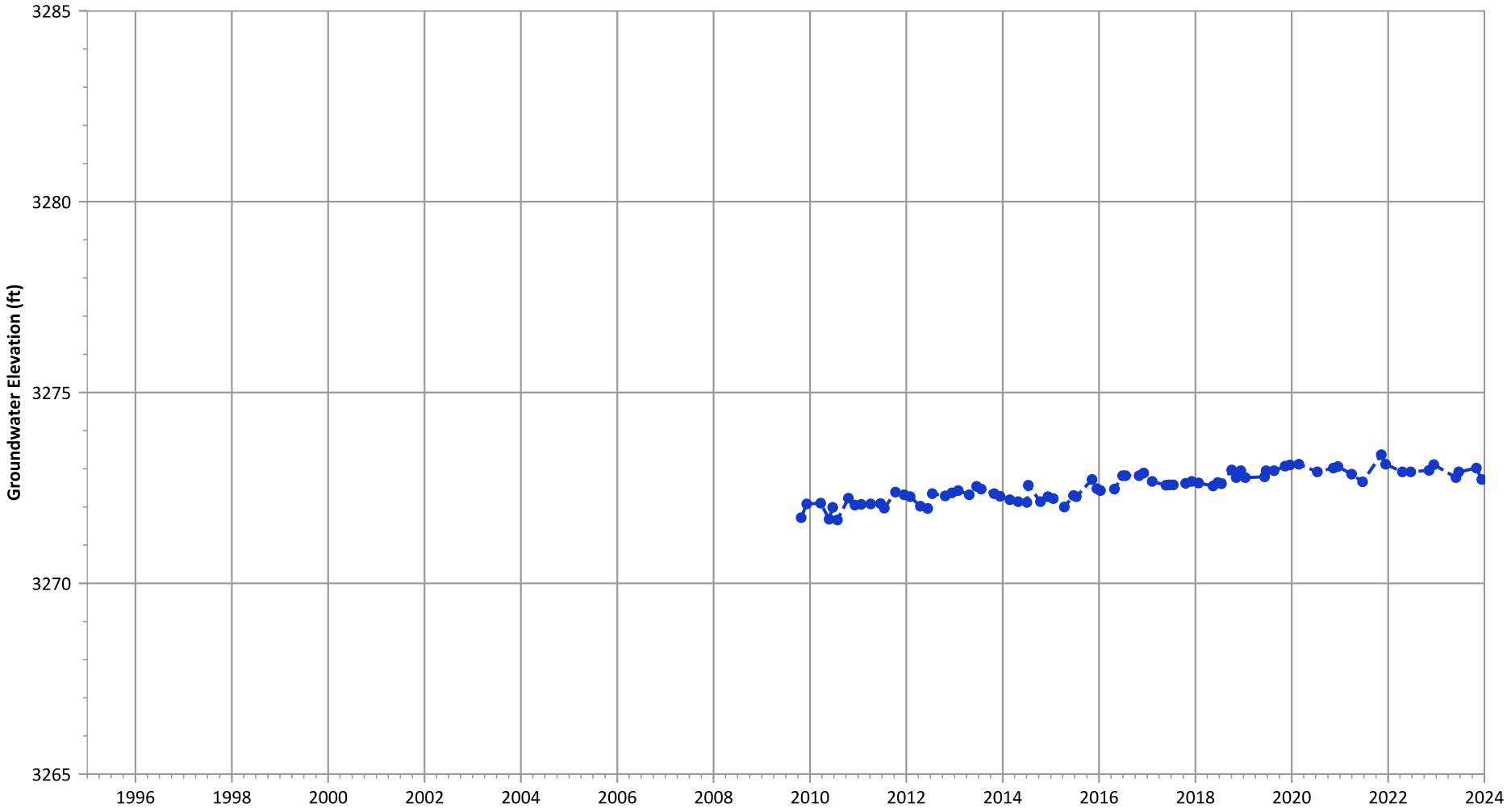
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.15 ft/yr

PTX06-1155 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

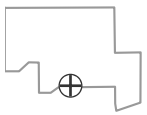


Notes:
1. Top of screen elevation is 3271.89 ft msl.
2. The bottom of screen elevation is 3256.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

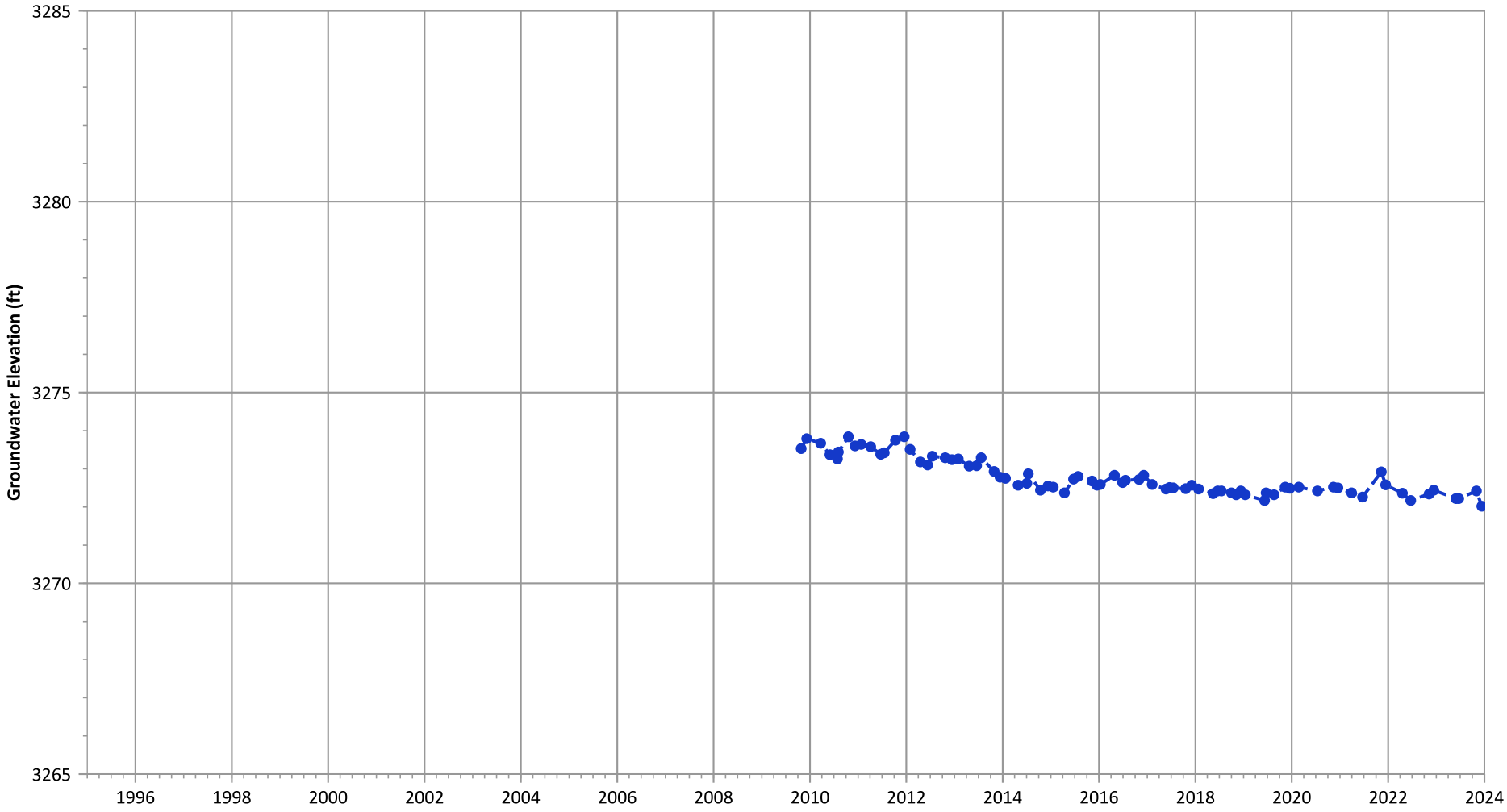
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1156 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3275.27 ft msl.
2. The bottom of screen elevation is 3250.27 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.

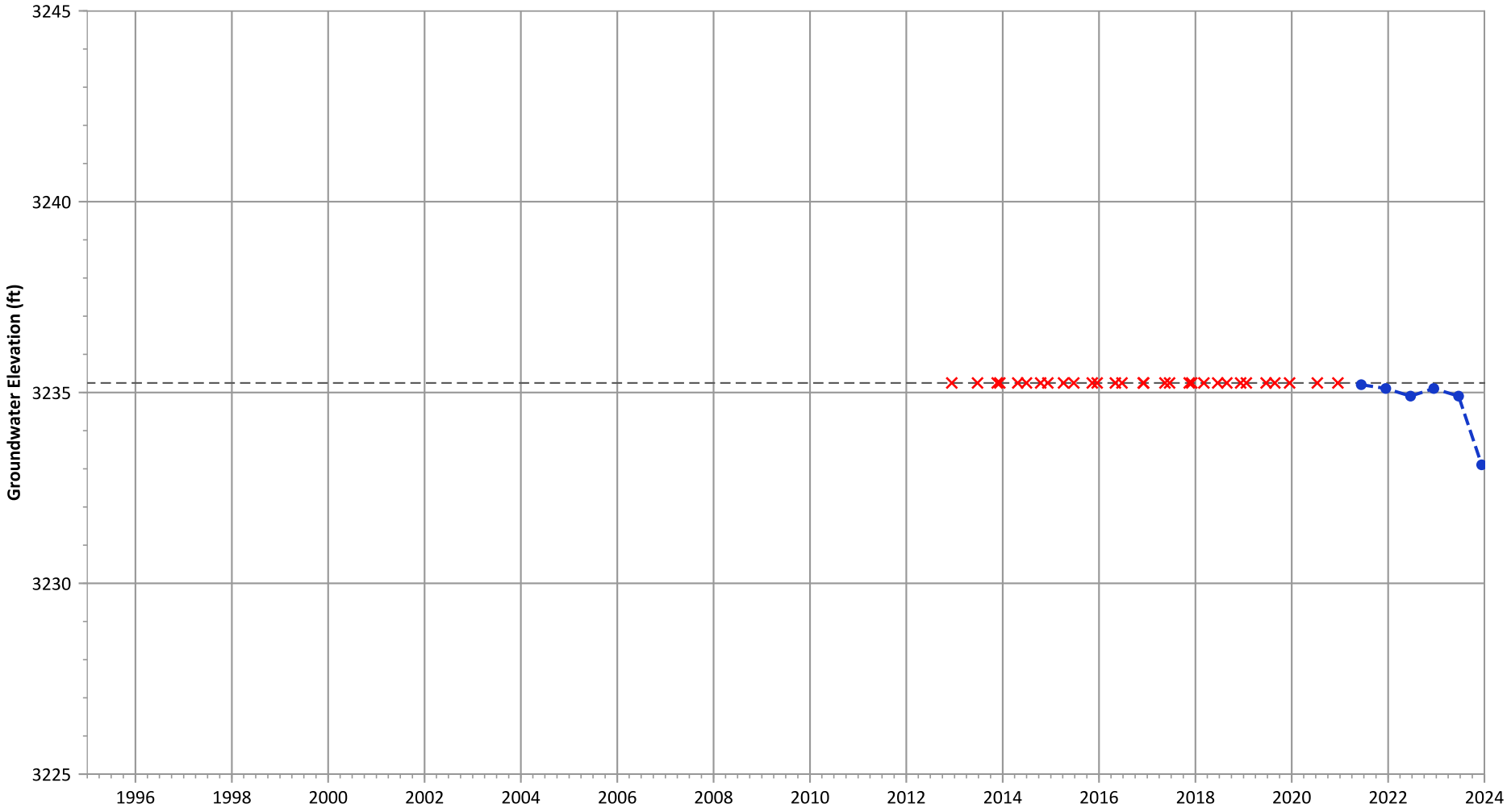
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.1 ft/yr

PTX06-1158 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

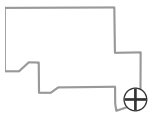


Notes:
1. Top of screen elevation is 3245.25 ft msl.
2. The bottom of screen elevation is 3235.25 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

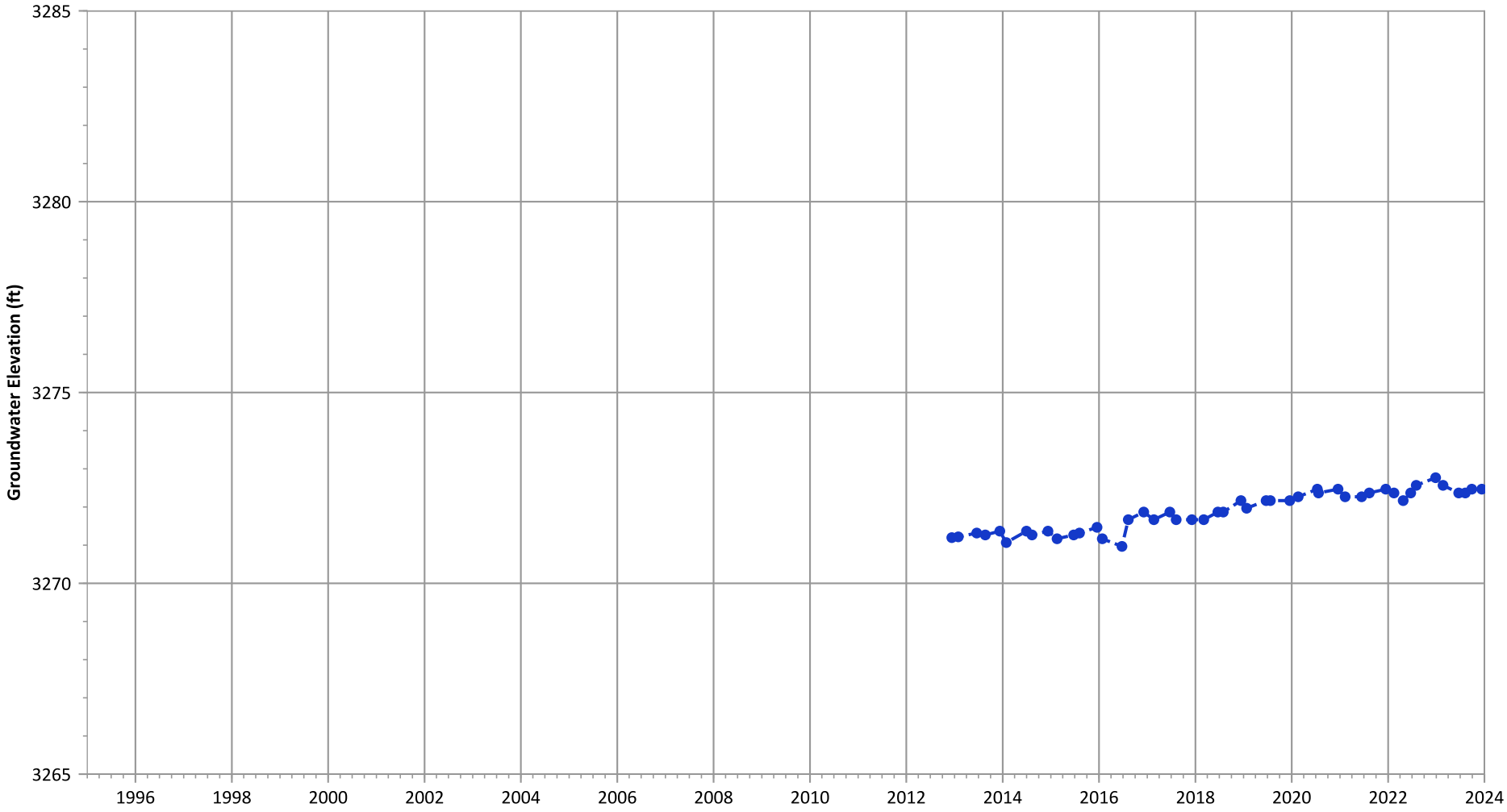
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.13 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.62 ft/yr

PTX06-1159 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

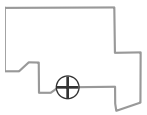


Notes:
1. Top of screen elevation is 3273.93 ft msl.
2. The bottom of screen elevation is 3253.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

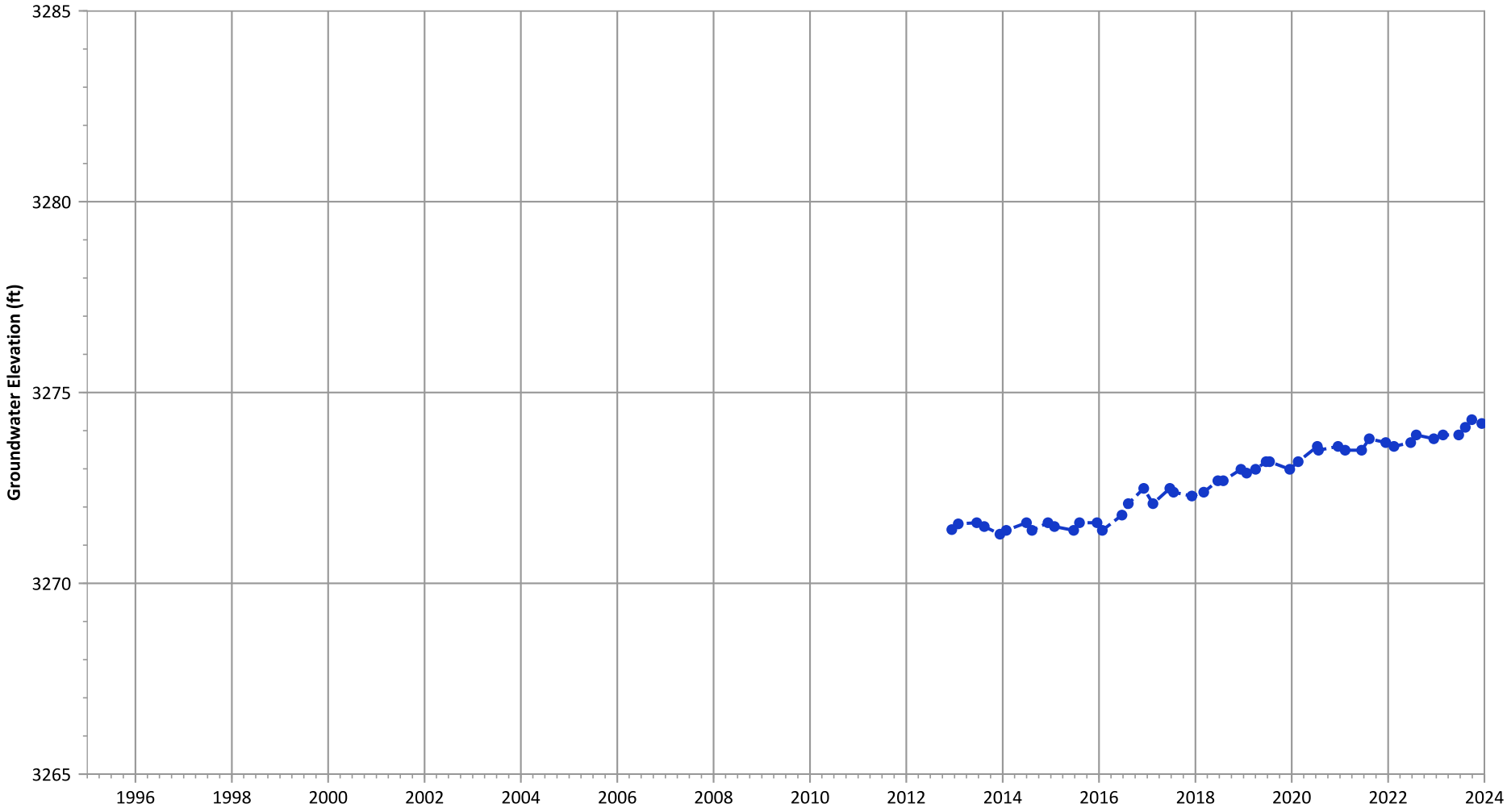
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.14 ft/yr

PTX06-1160 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

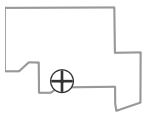


Notes:
1. Top of screen elevation is 3271.51 ft msl.
2. The bottom of screen elevation is 3246.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

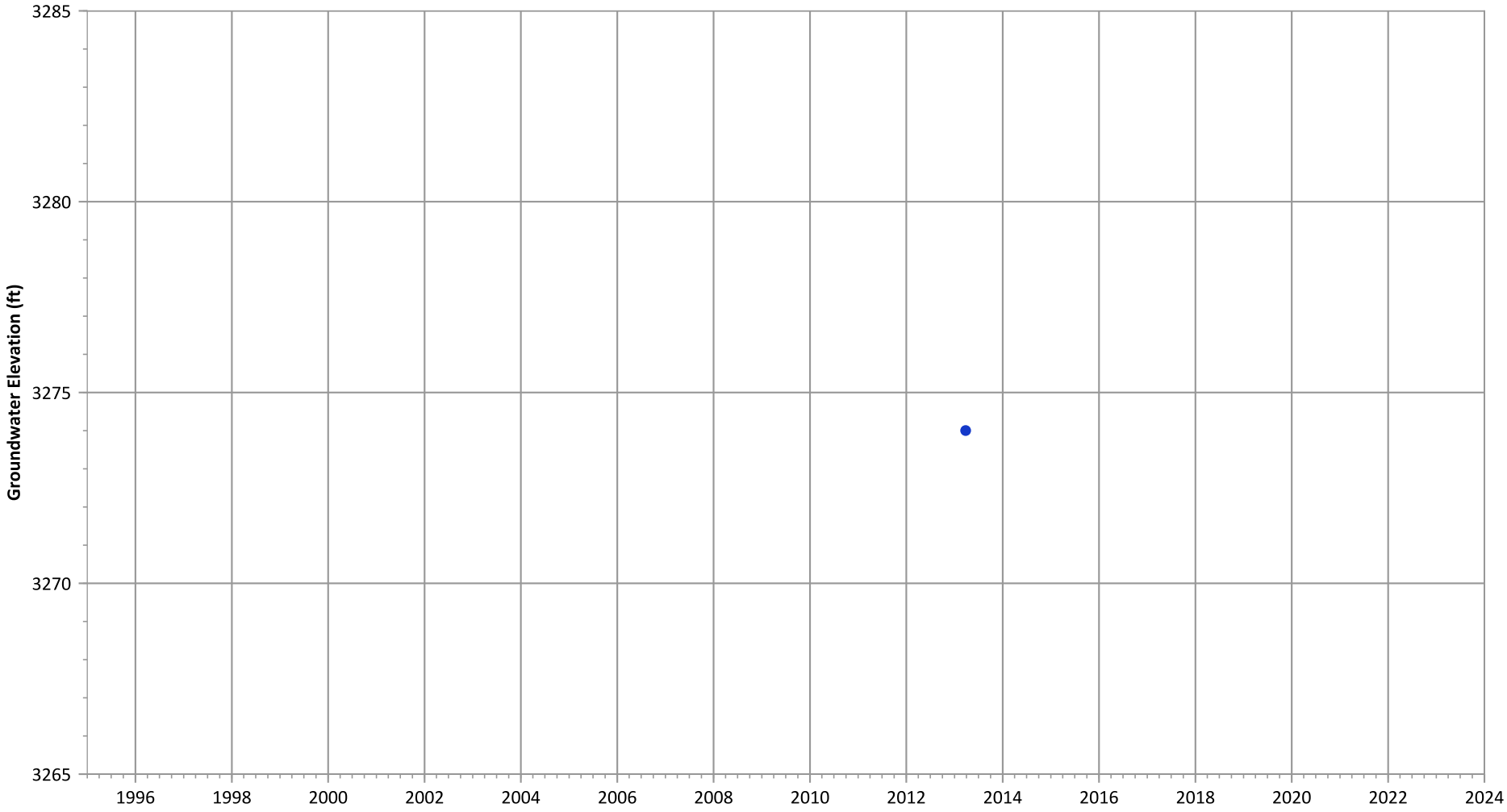
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.33 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.29 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: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

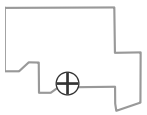
PTX06-1164 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

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: 12/19/2023

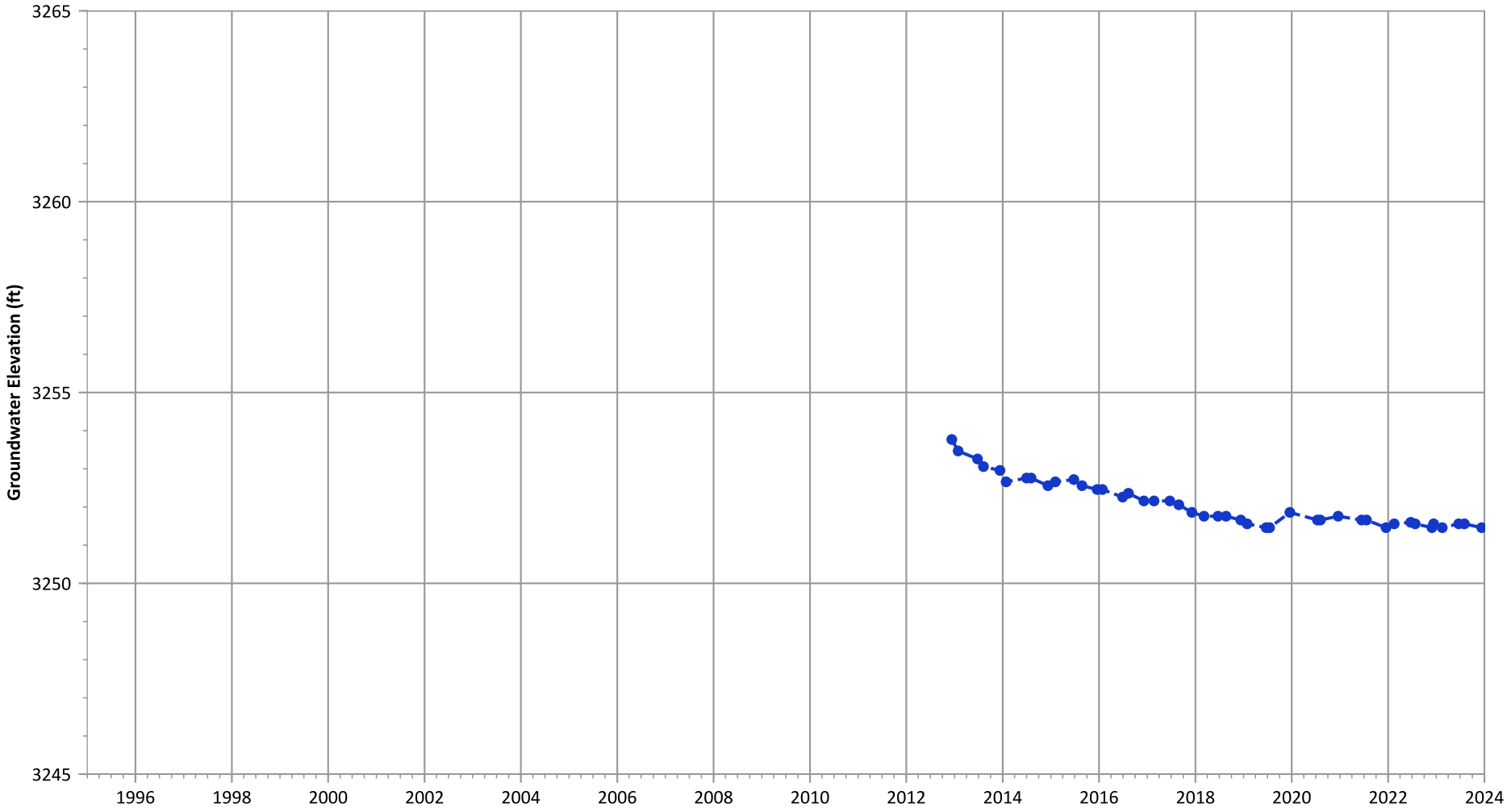
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.12 ft/yr

PTX06-1166 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

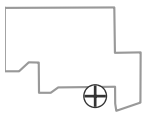


Notes:
1. Top of screen elevation is 3254.36 ft msl.
2. The bottom of screen elevation is 3244.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

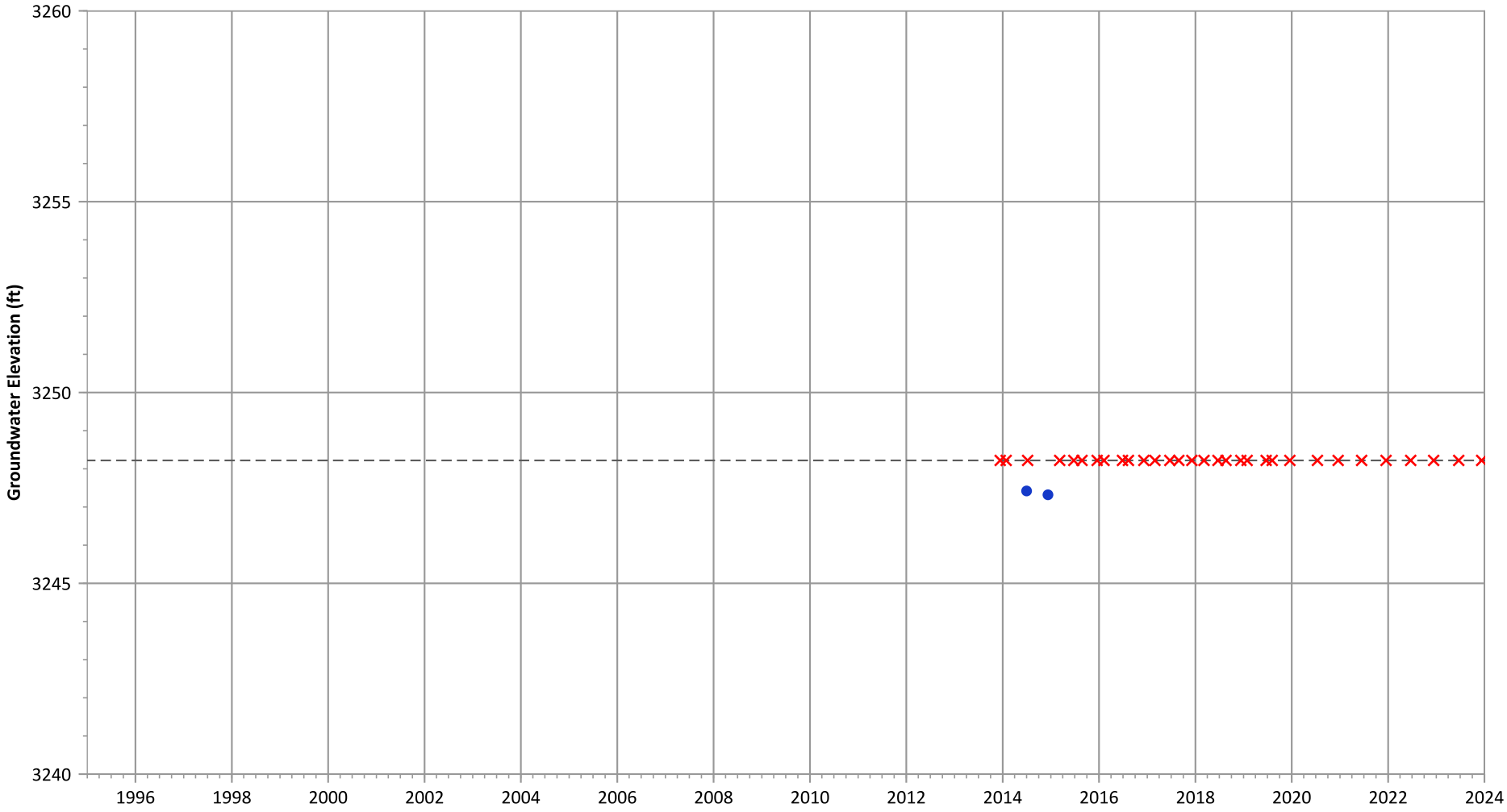
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX06-1167 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

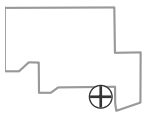


Notes:
1. Top of screen elevation is 3258.22 ft msl.
2. The bottom of screen elevation is 3248.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

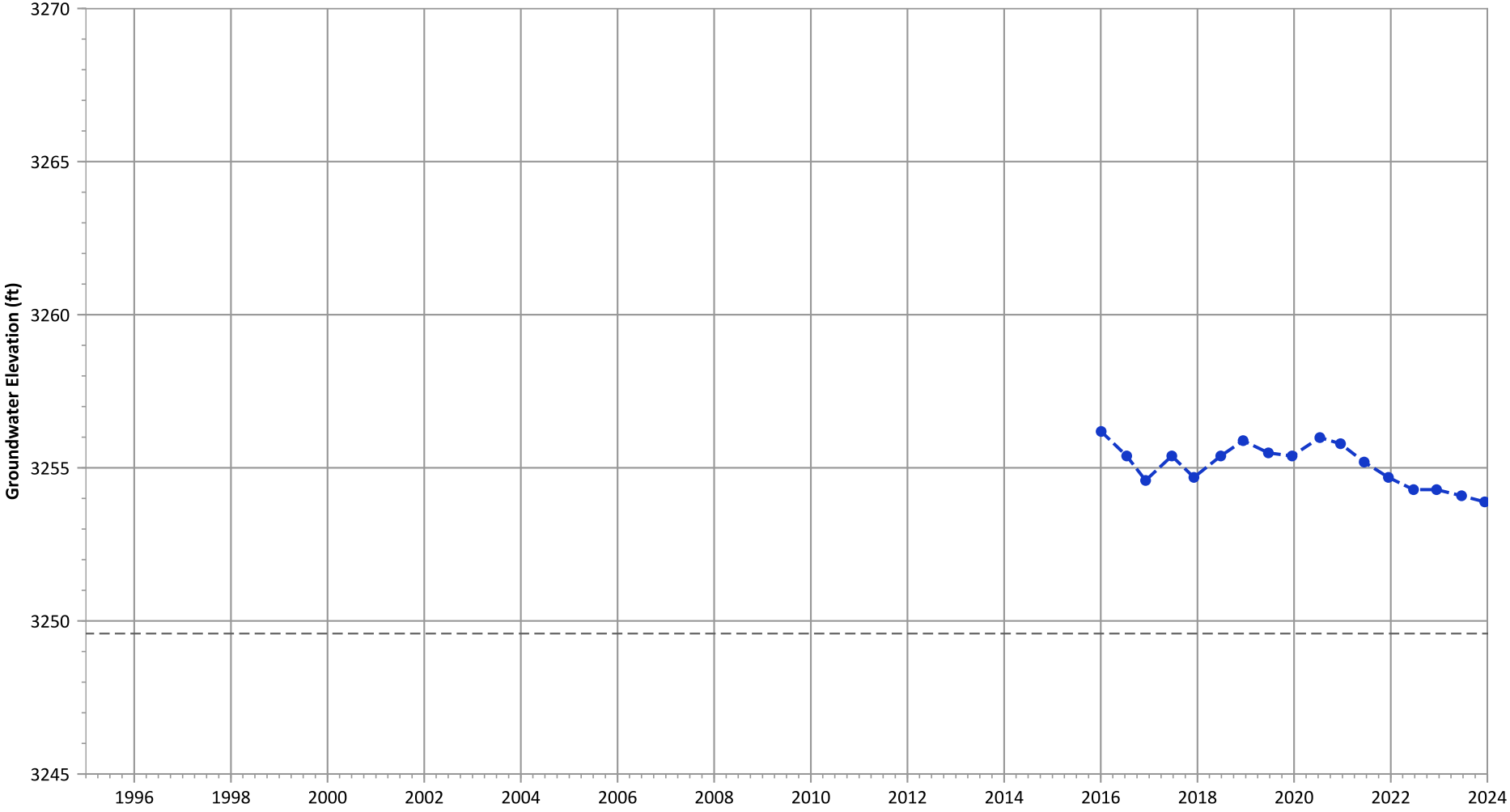
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-1168 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

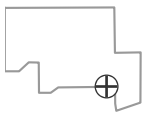


Notes:
1. Top of screen elevation is 3269.59 ft msl.
2. The bottom of screen elevation is 3249.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

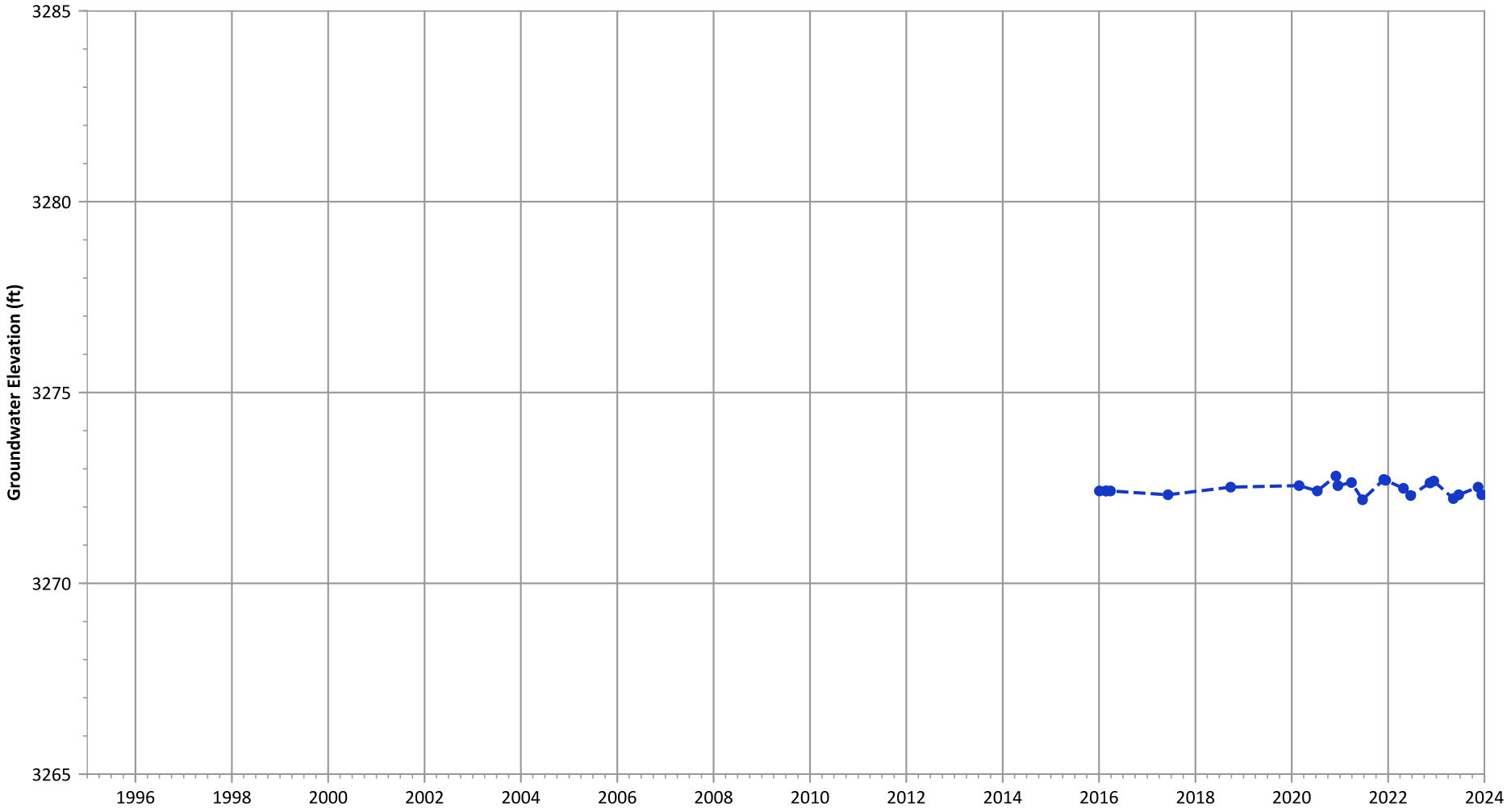
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.28 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX06-1169 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

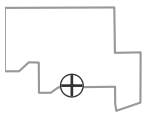


Notes:
1. Top of screen elevation is 3265.57 ft msl.
2. The bottom of screen elevation is 3255.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

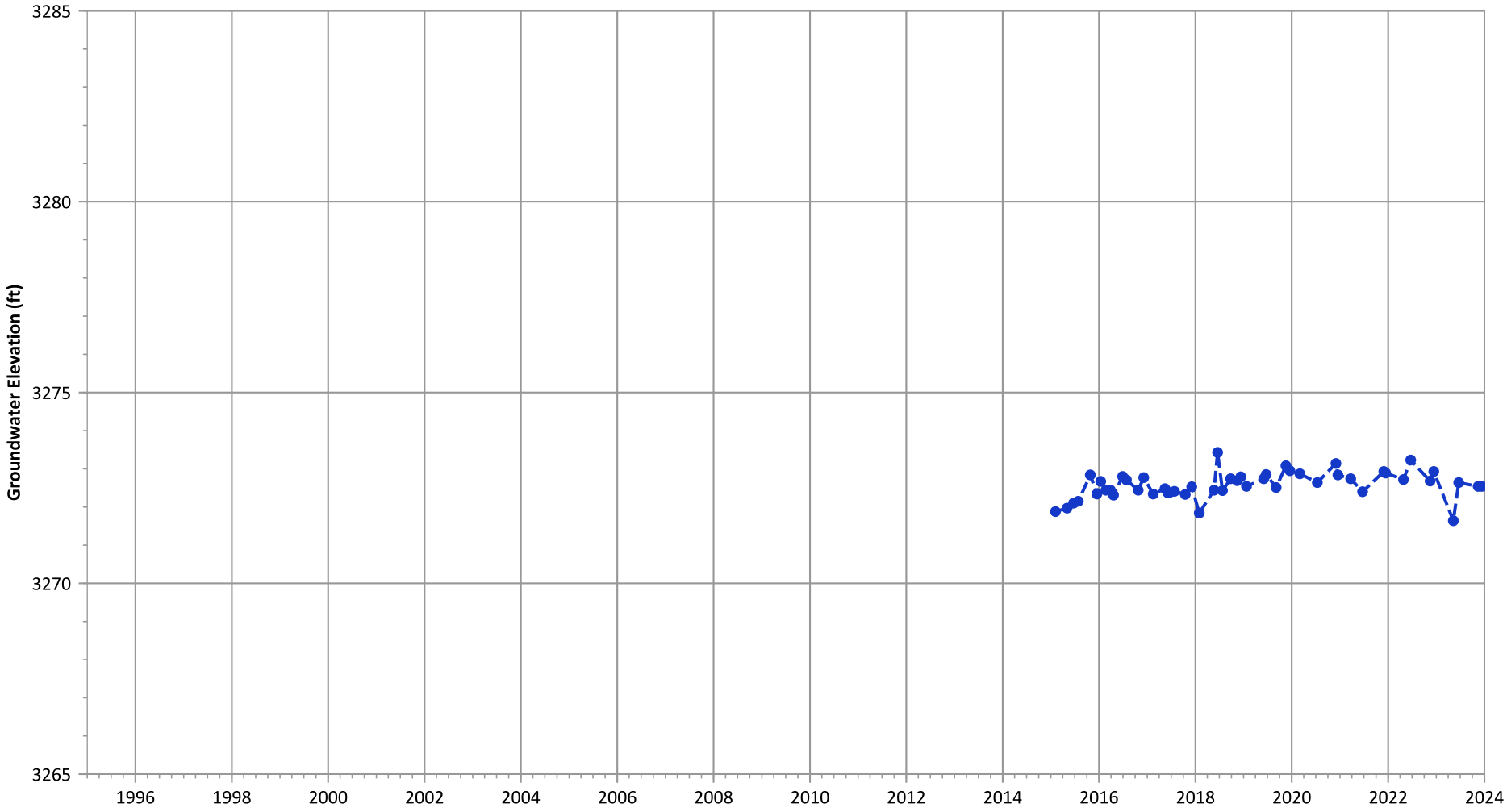
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1170 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

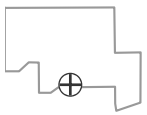


Notes:
1. Top of screen elevation is 3265.59 ft msl.
2. The bottom of screen elevation is 3255.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

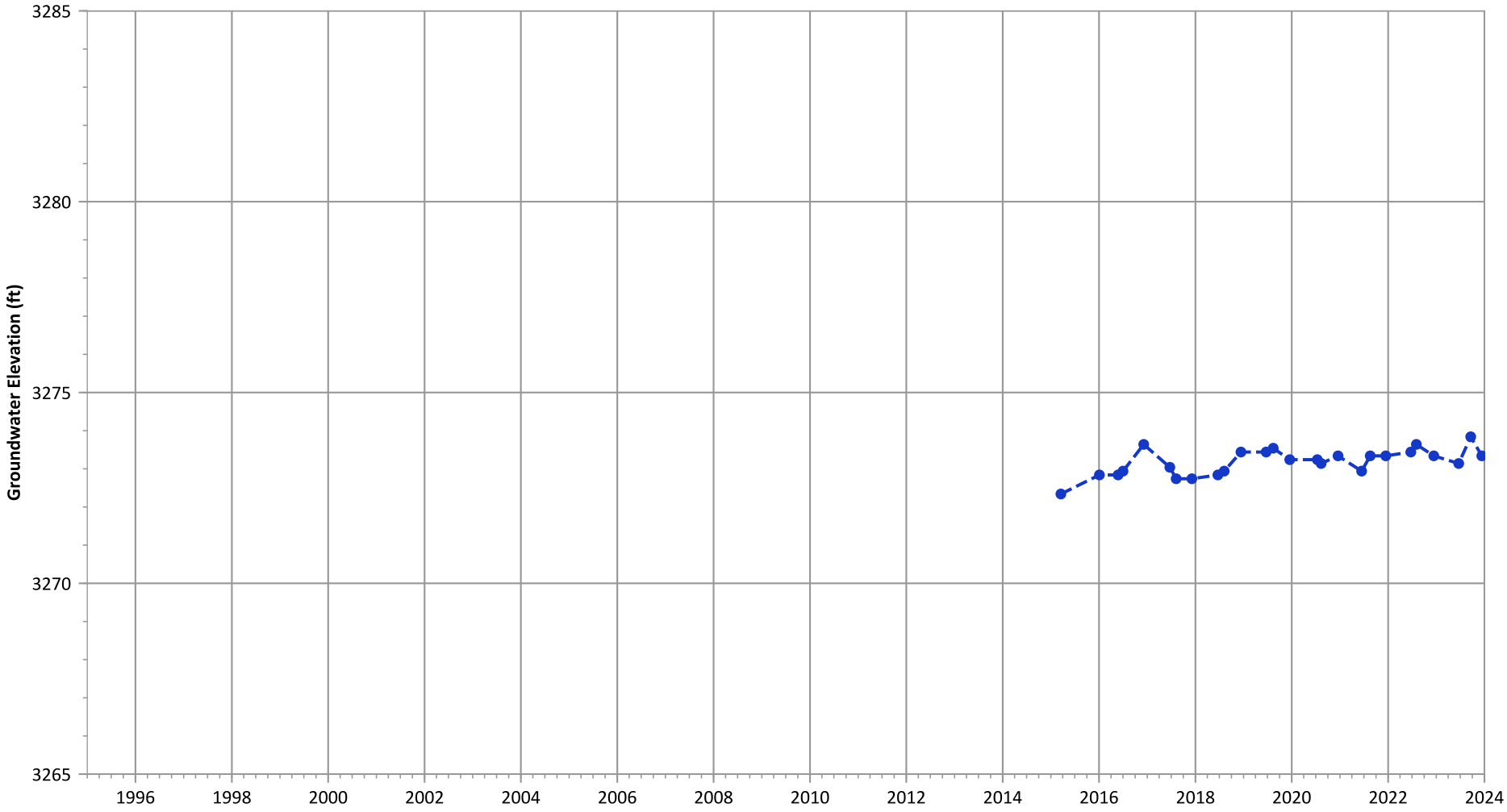
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.35 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1171 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

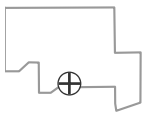


Notes:
1. Top of screen elevation is 3267.42 ft msl.
2. The bottom of screen elevation is 3257.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

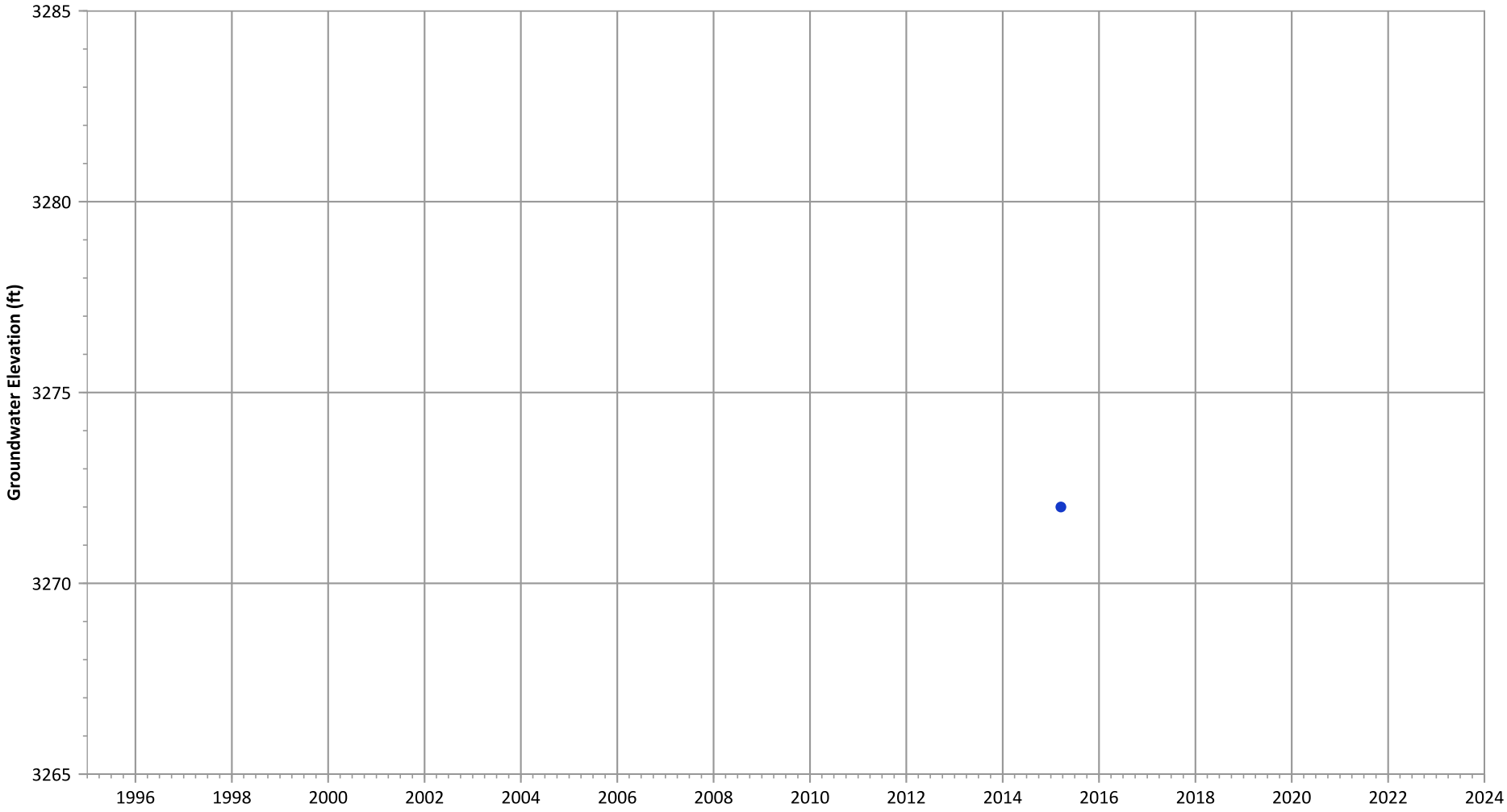
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

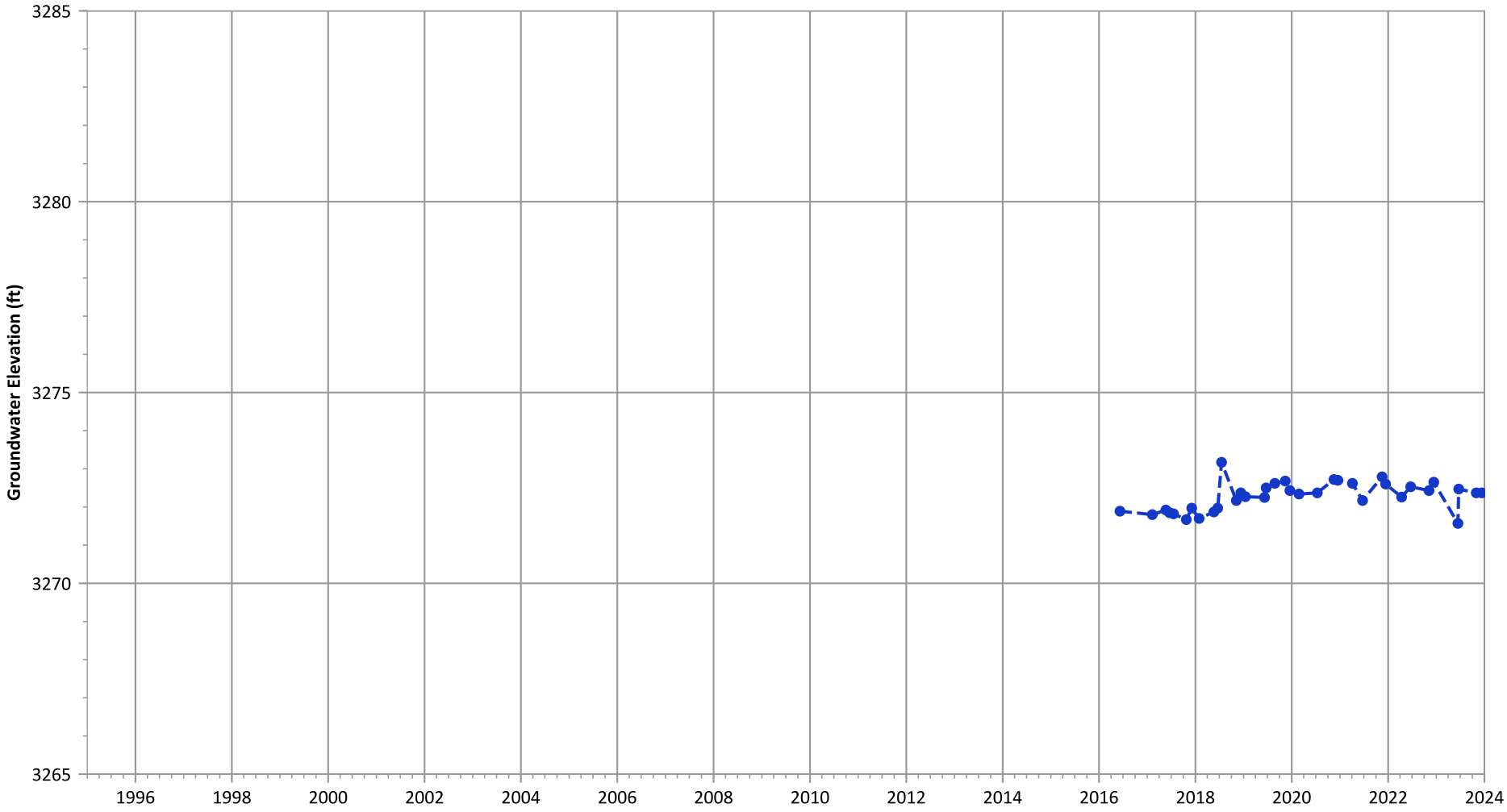
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1173 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

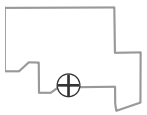


Notes:
1. Top of screen elevation is 3265.86 ft msl.
2. The bottom of screen elevation is 3255.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

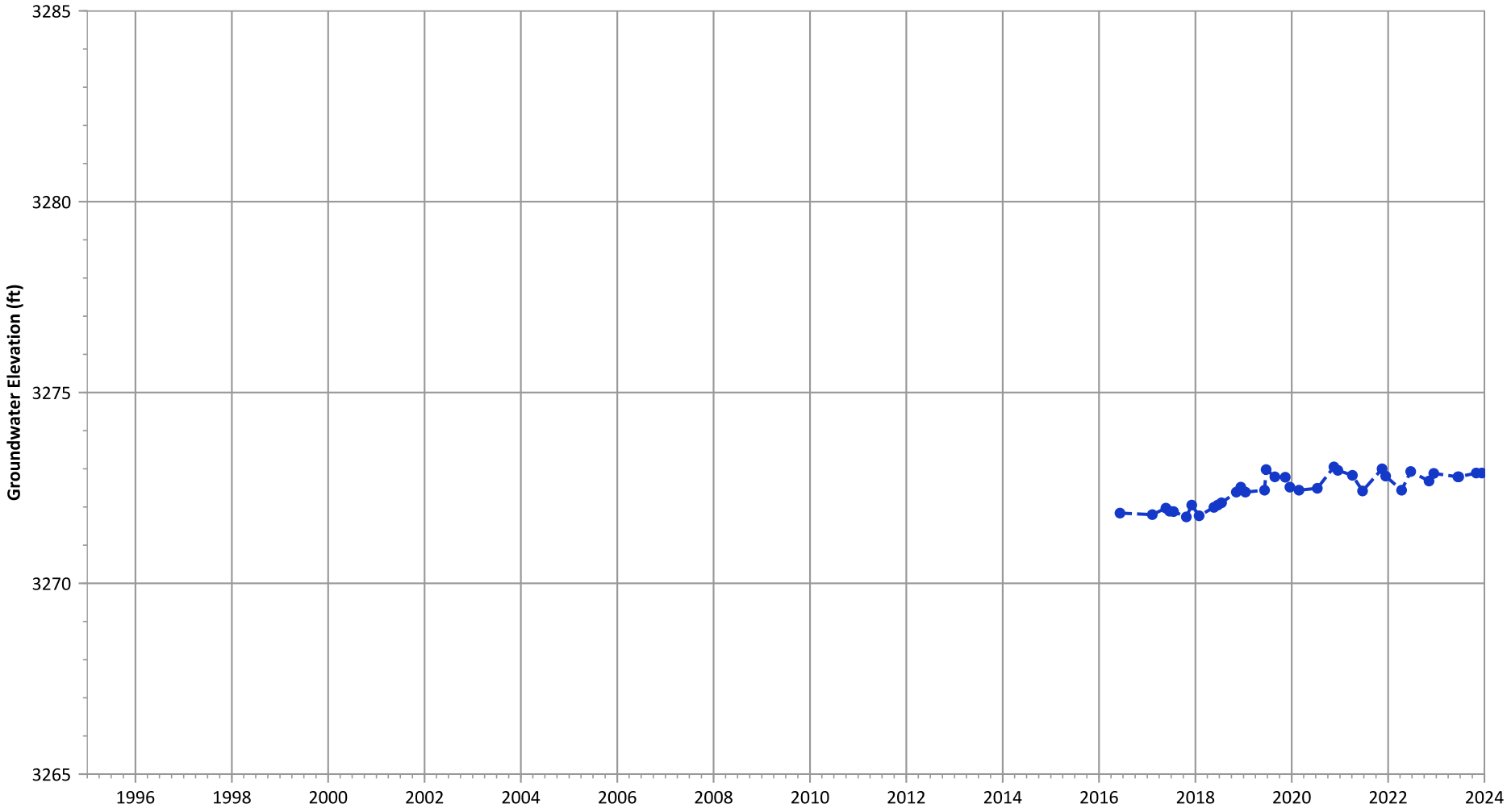
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.11 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1174 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

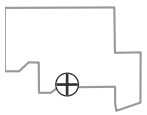


Notes:
1. Top of screen elevation is 3266.12 ft msl.
2. The bottom of screen elevation is 3256.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

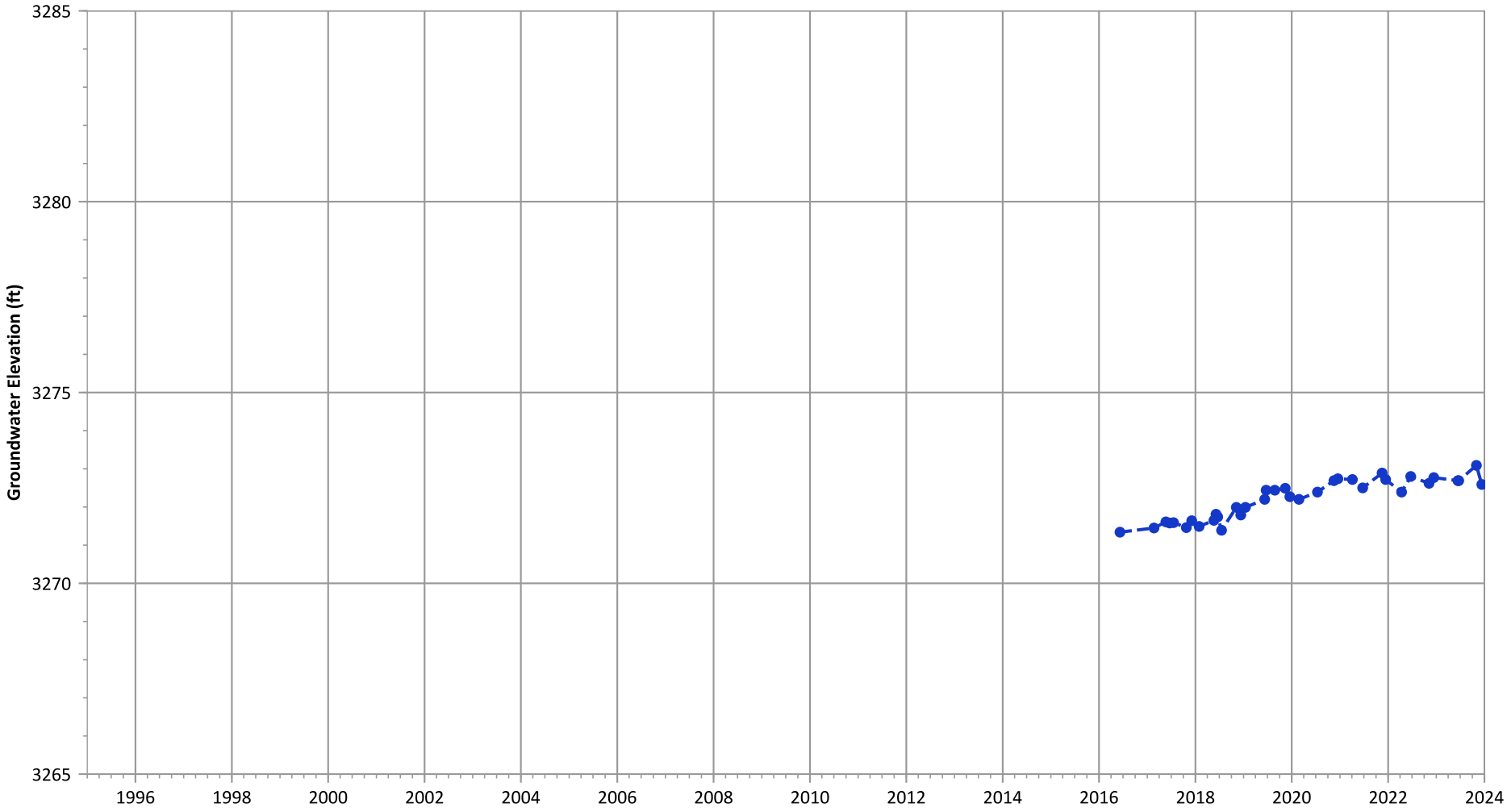
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.14 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.16 ft/yr

PTX06-1175 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

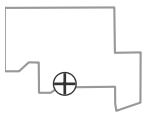


Notes:
1. Top of screen elevation is 3268.15 ft msl.
2. The bottom of screen elevation is 3258.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

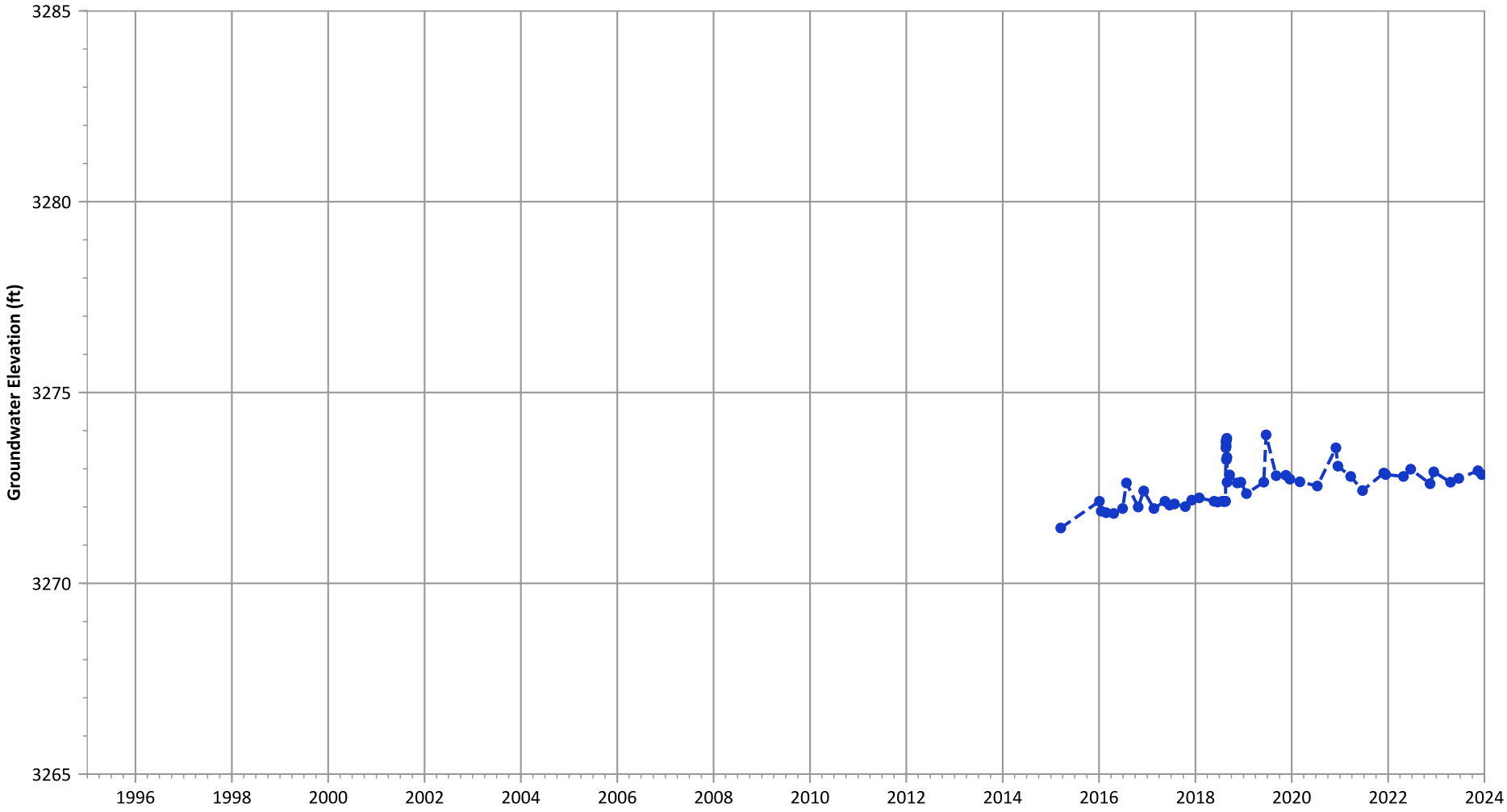
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.15 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.22 ft/yr

PTX06-1176 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

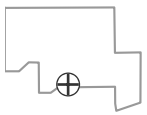


Notes:
1. Top of screen elevation is 3264.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

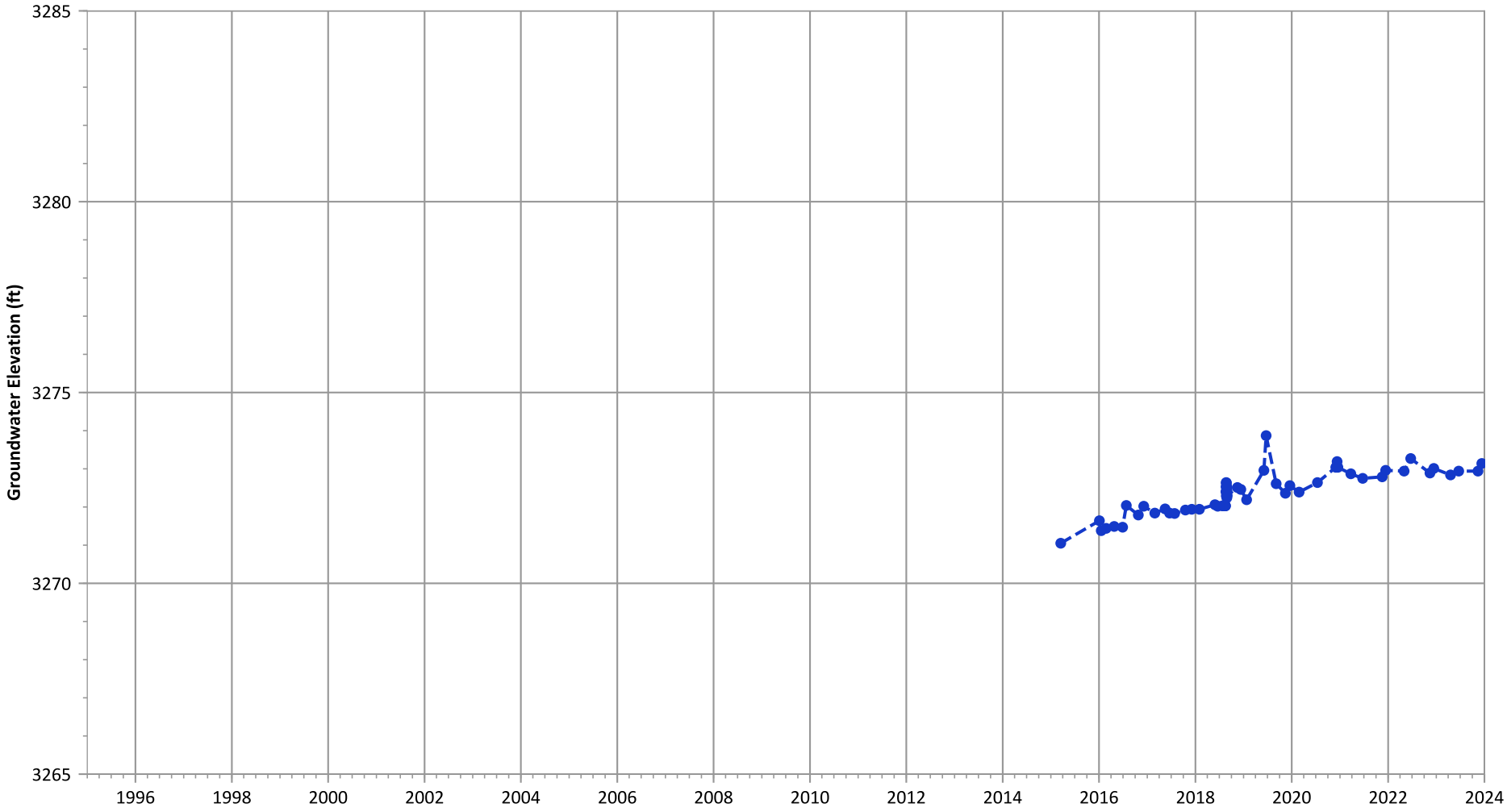
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.12 ft/yr

PTX06-1177 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

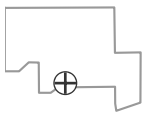


Notes:
1. Top of screen elevation is 3270.69 ft msl.
2. The bottom of screen elevation is 3260.69 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

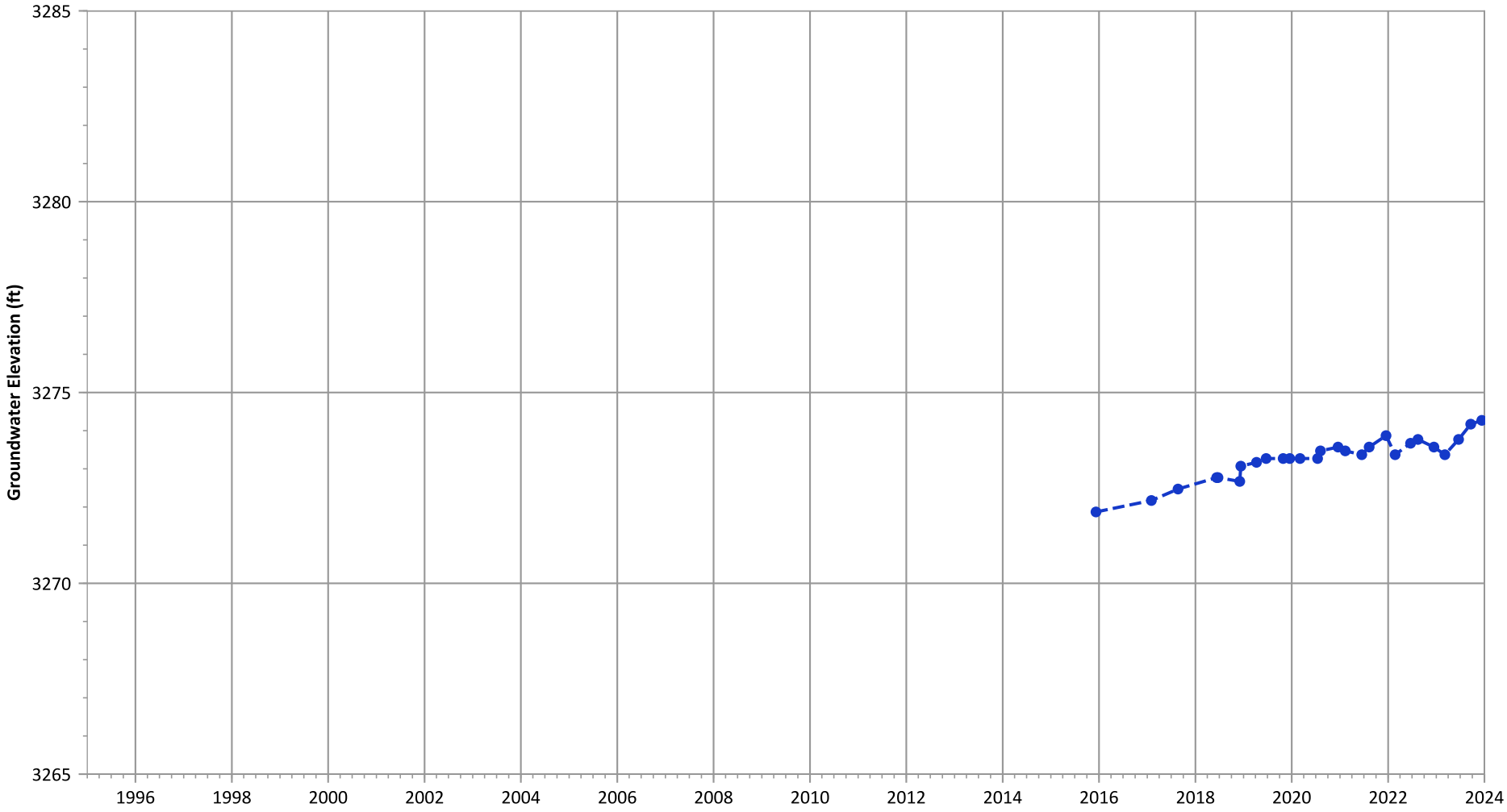
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.22 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.

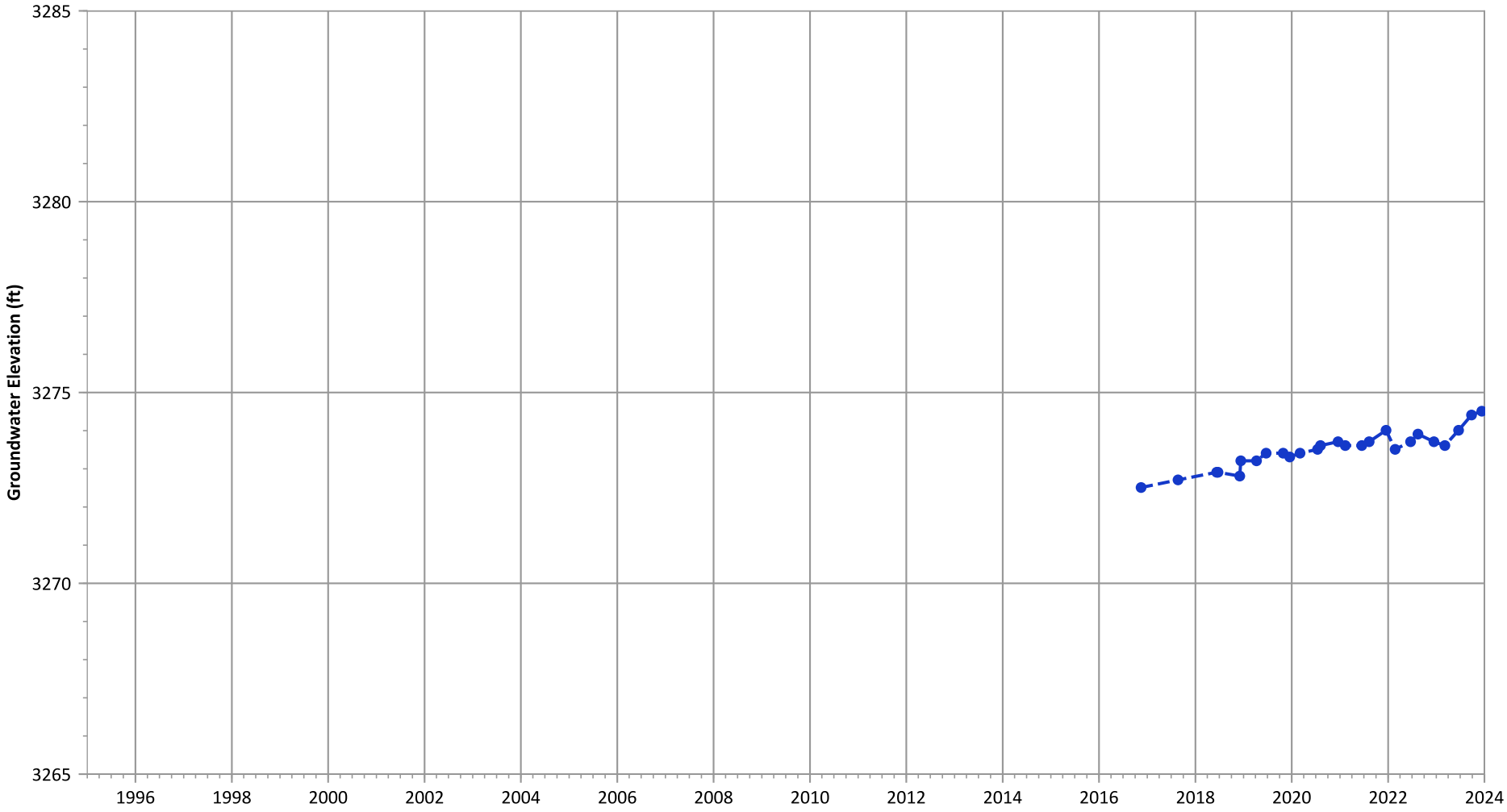
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.4 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.24 ft/yr

PTX06-1181 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

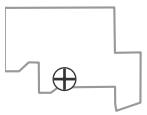


Notes:
1. Top of screen elevation is 3280.54 ft msl.
2. The bottom of screen elevation is 3250.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

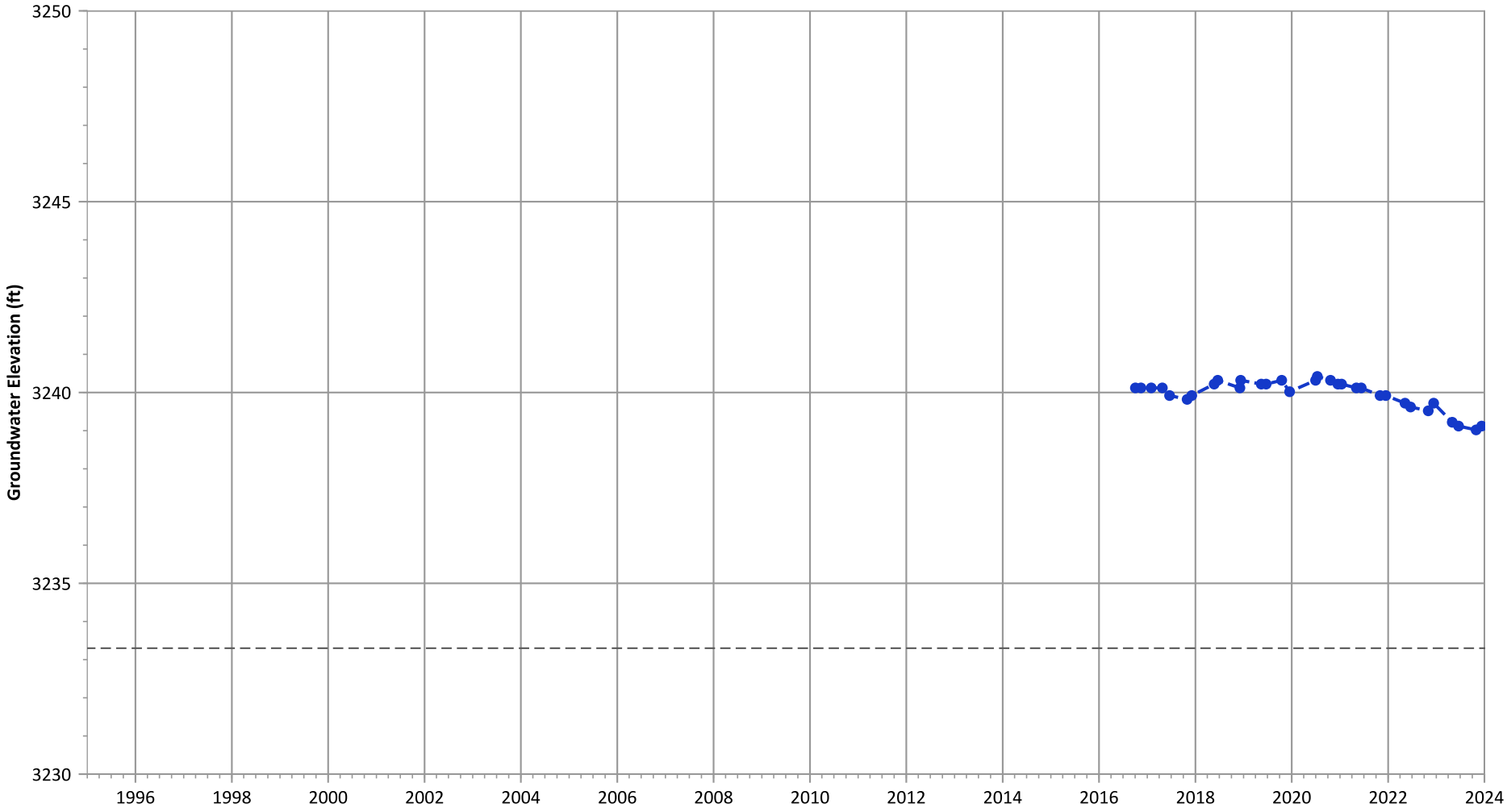
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.49 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.23 ft/yr

PTX06-1182 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

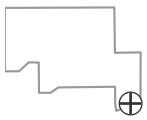


Notes:
1. Top of screen elevation is 3243.3 ft msl.
2. The bottom of screen elevation is 3233.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

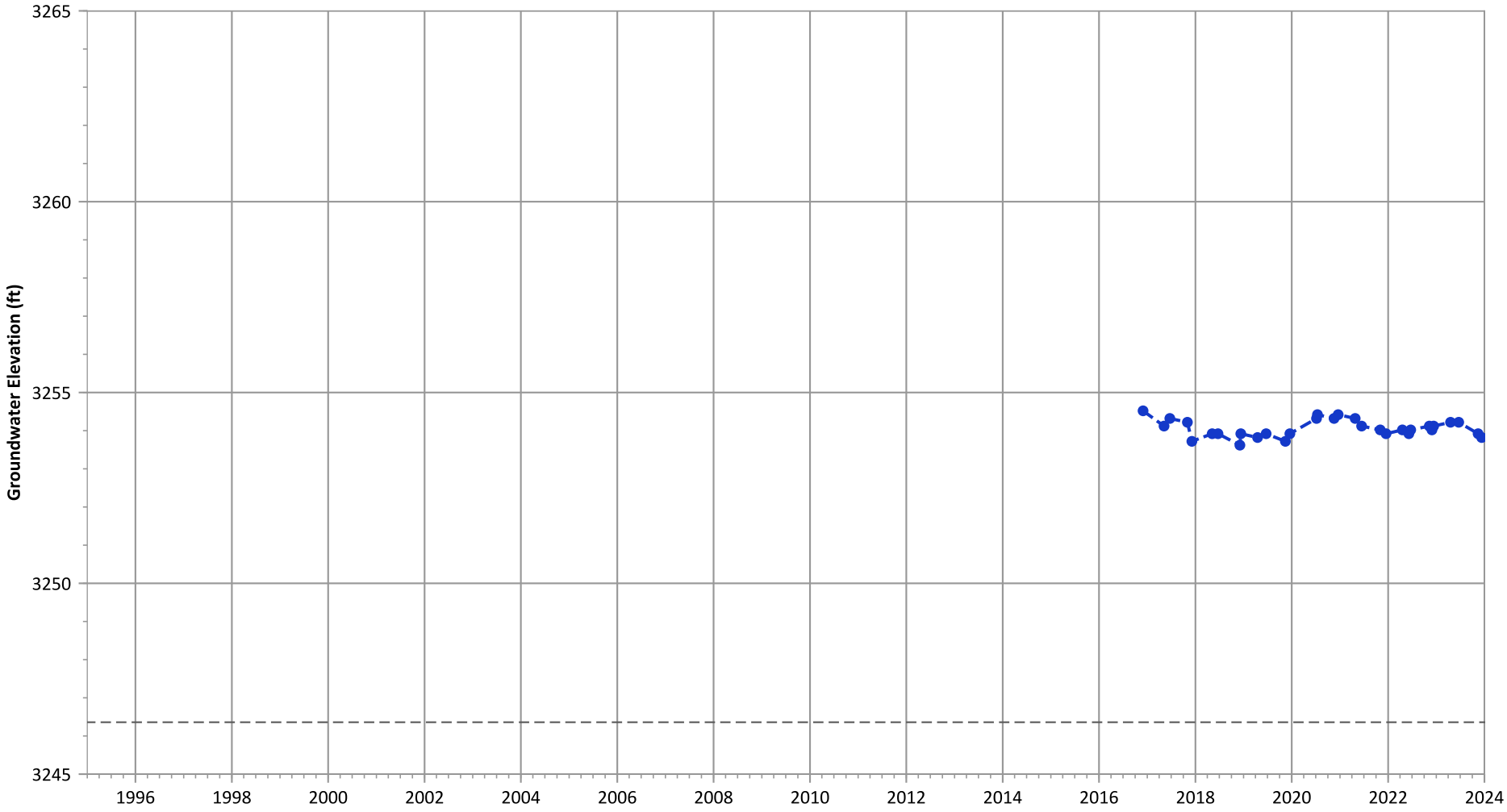
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.45 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.11 ft/yr

PTX06-1183 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

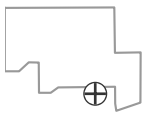


Notes:
1. Top of screen elevation is 3256.36 ft msl.
2. The bottom of screen elevation is 3246.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

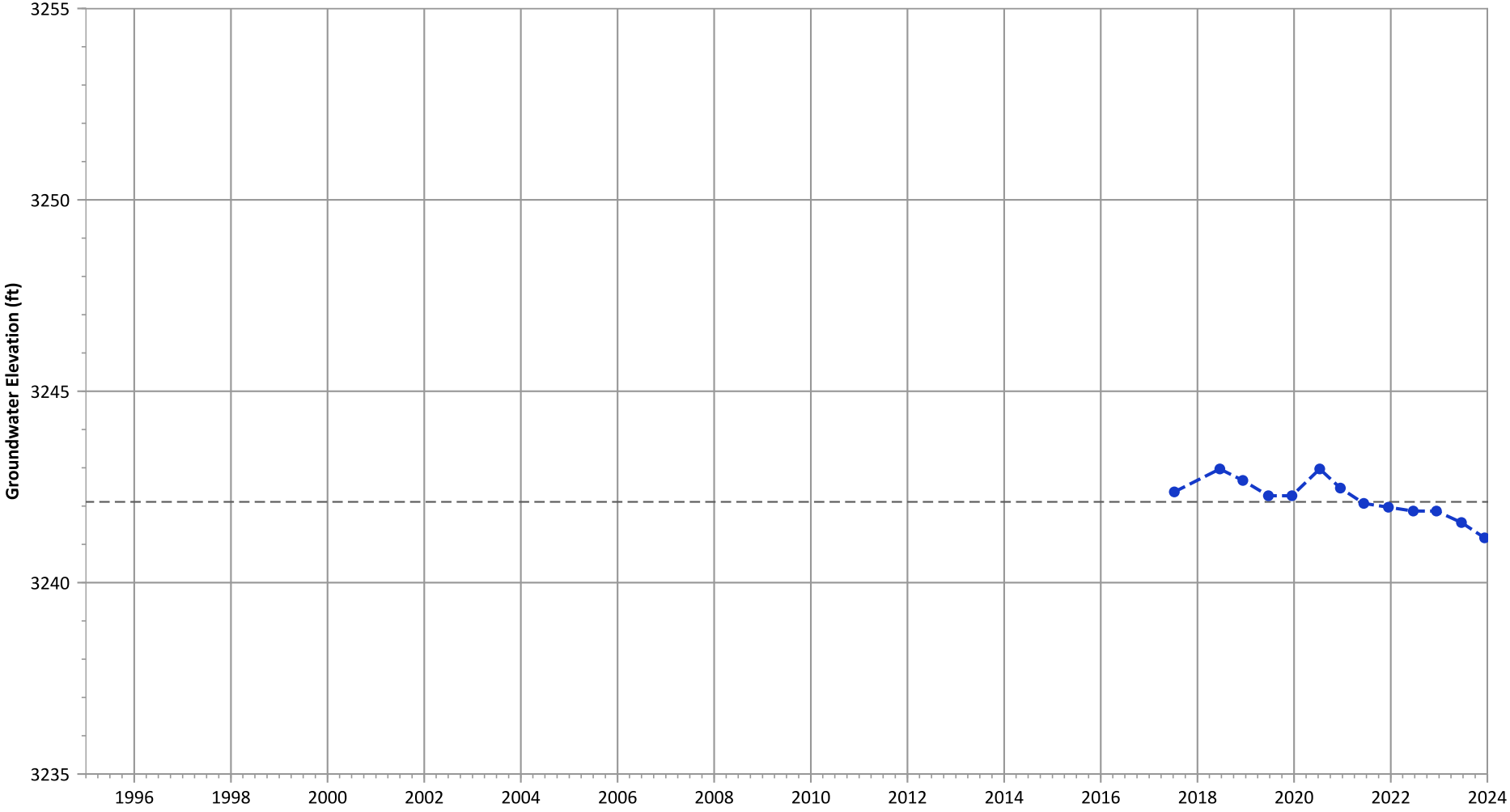
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1184 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

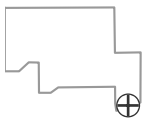


Notes:
1. Top of screen elevation is 3252.11 ft msl.
2. The bottom of screen elevation is 3242.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

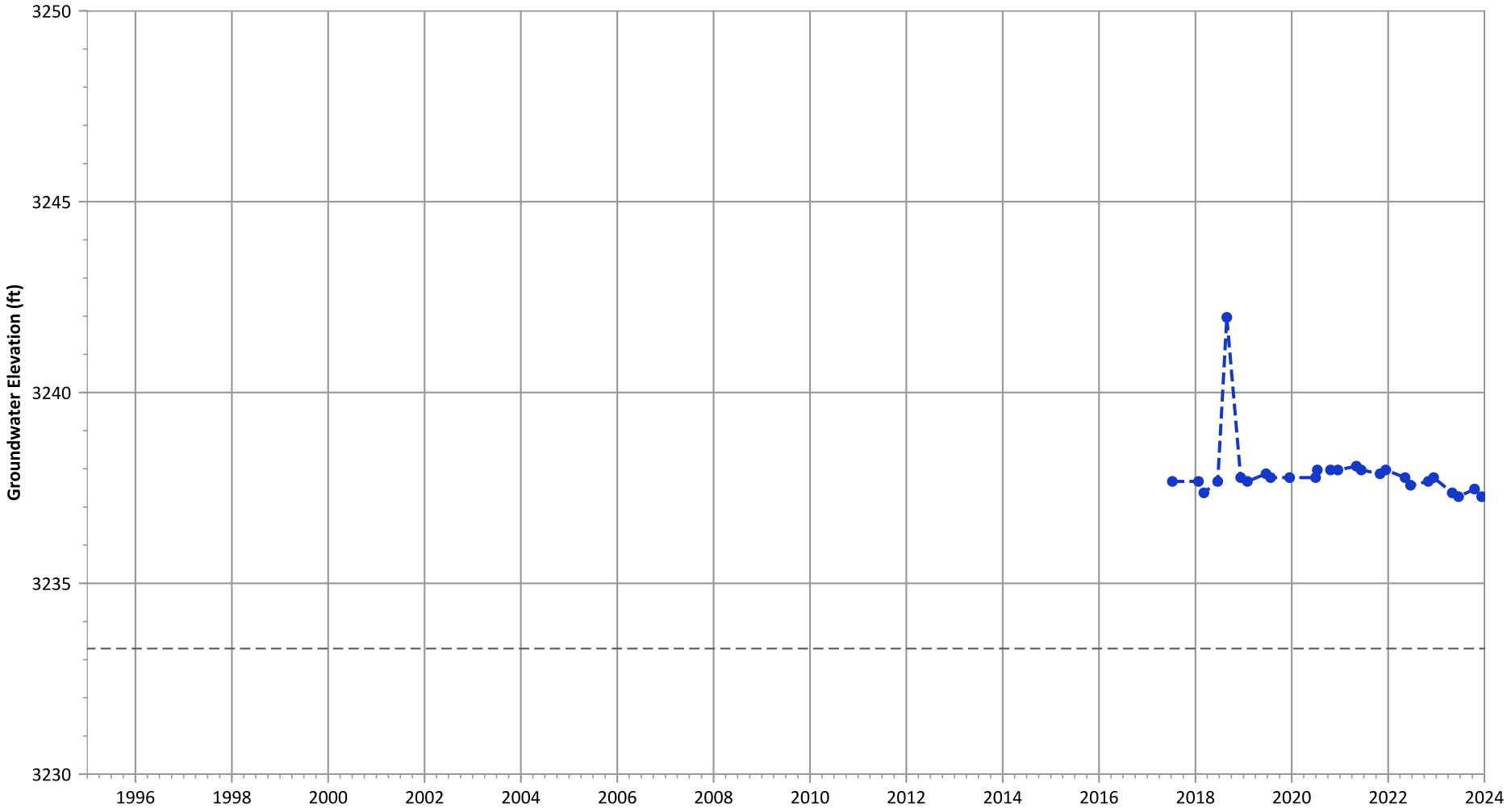
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.49 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.21 ft/yr

PTX06-1185 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

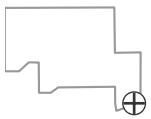


Notes:
1. Top of screen elevation is 3243.29 ft msl.
2. The bottom of screen elevation is 3233.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

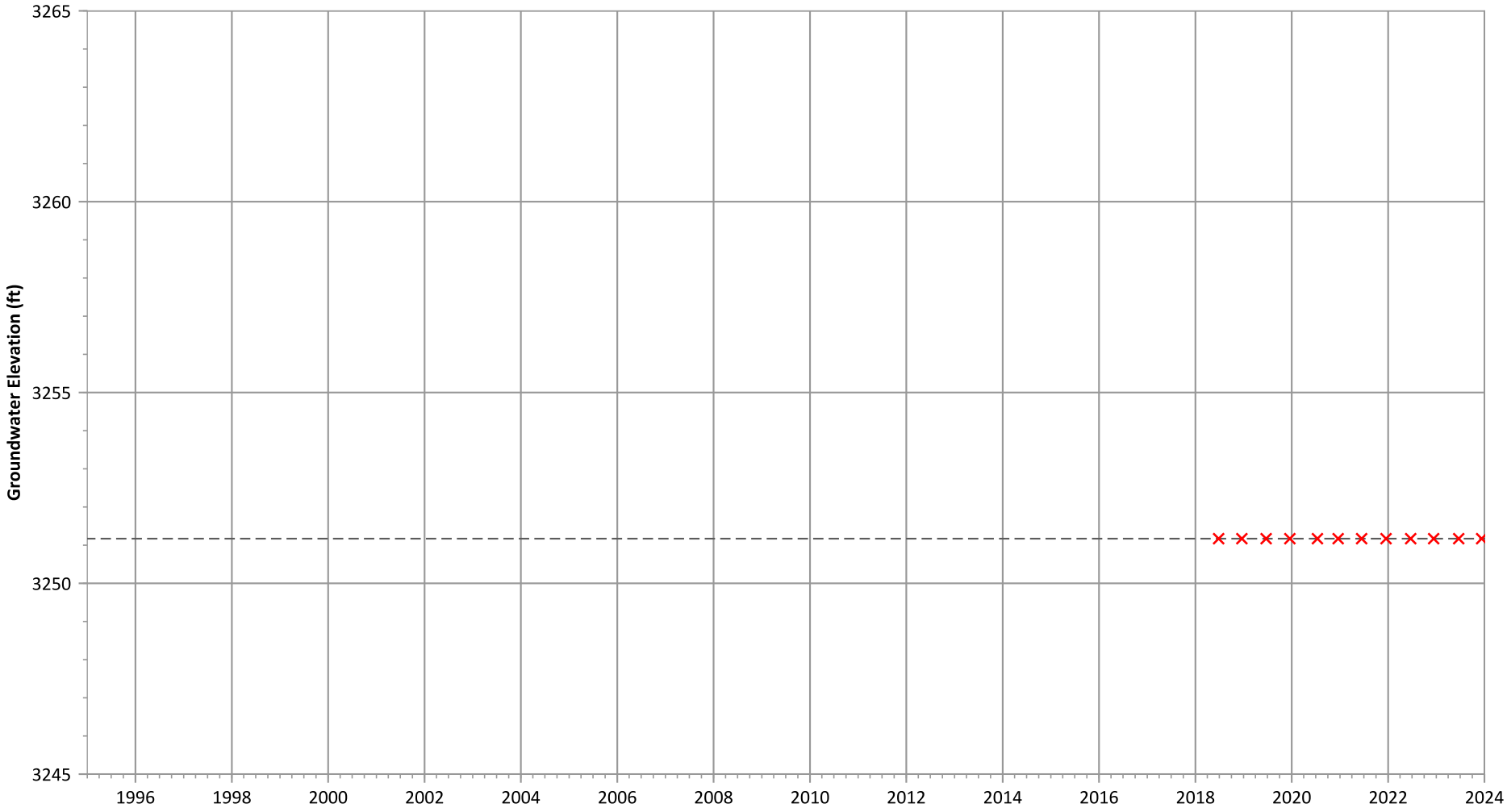
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.28 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.13 ft/yr

PTX06-1188 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3261.17 ft msl.
2. The bottom of screen elevation is 3251.17 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.

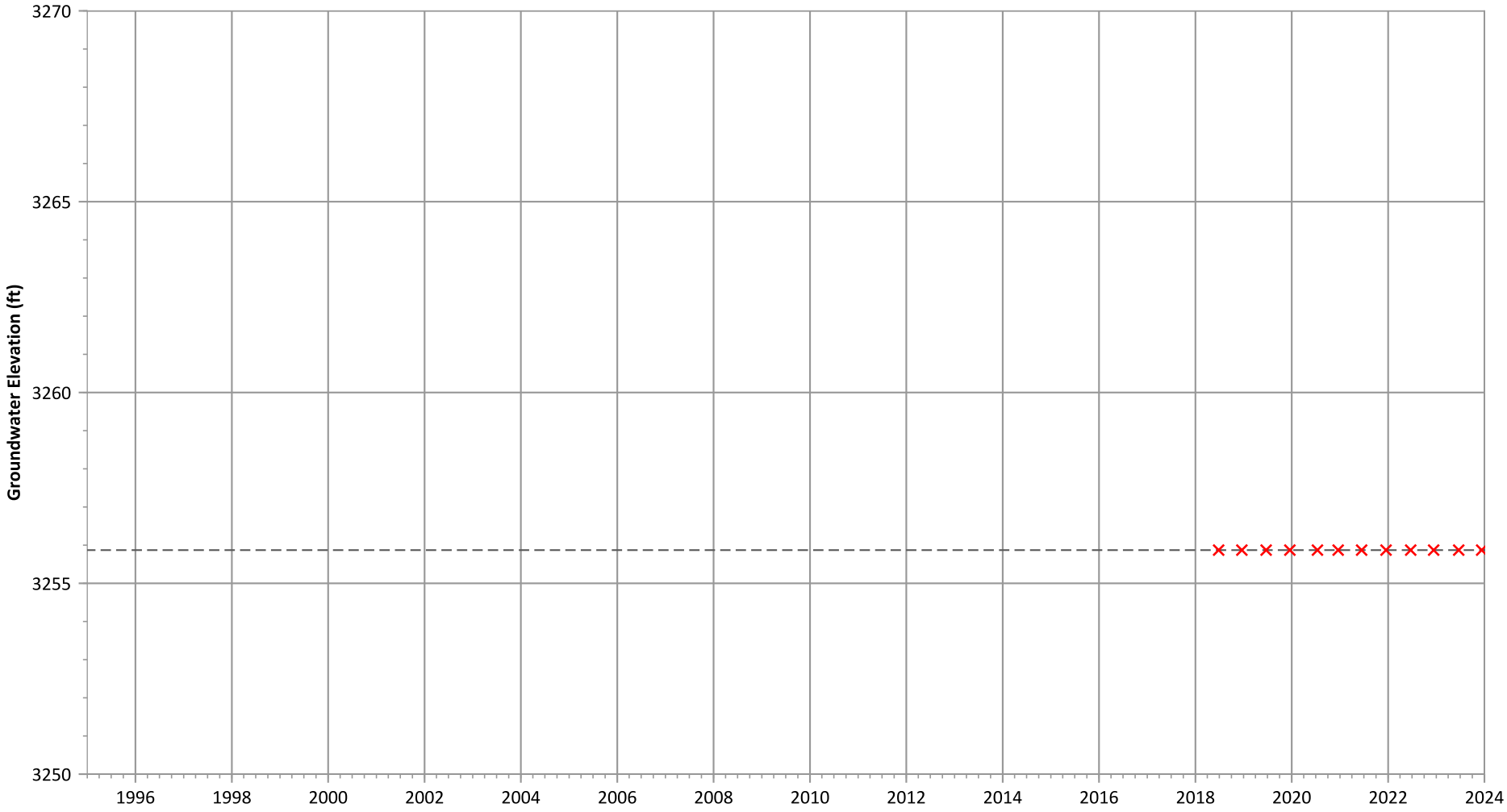
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1189 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3265.87 ft msl.
2. The bottom of screen elevation is 3255.87 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.

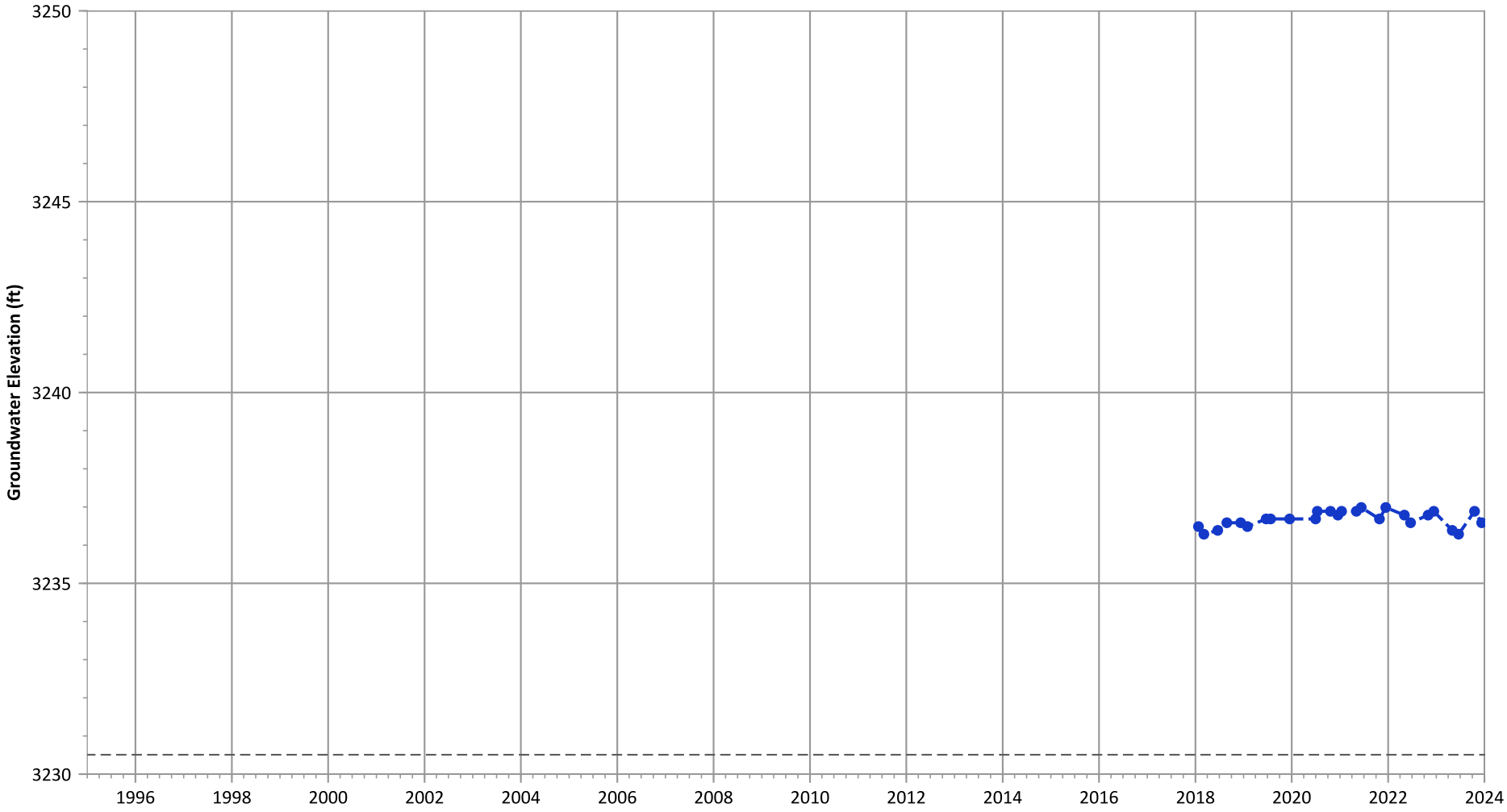
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-1190 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

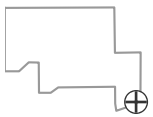


Notes:
1. Top of screen elevation is 3240.51 ft msl.
2. The bottom of screen elevation is 3230.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

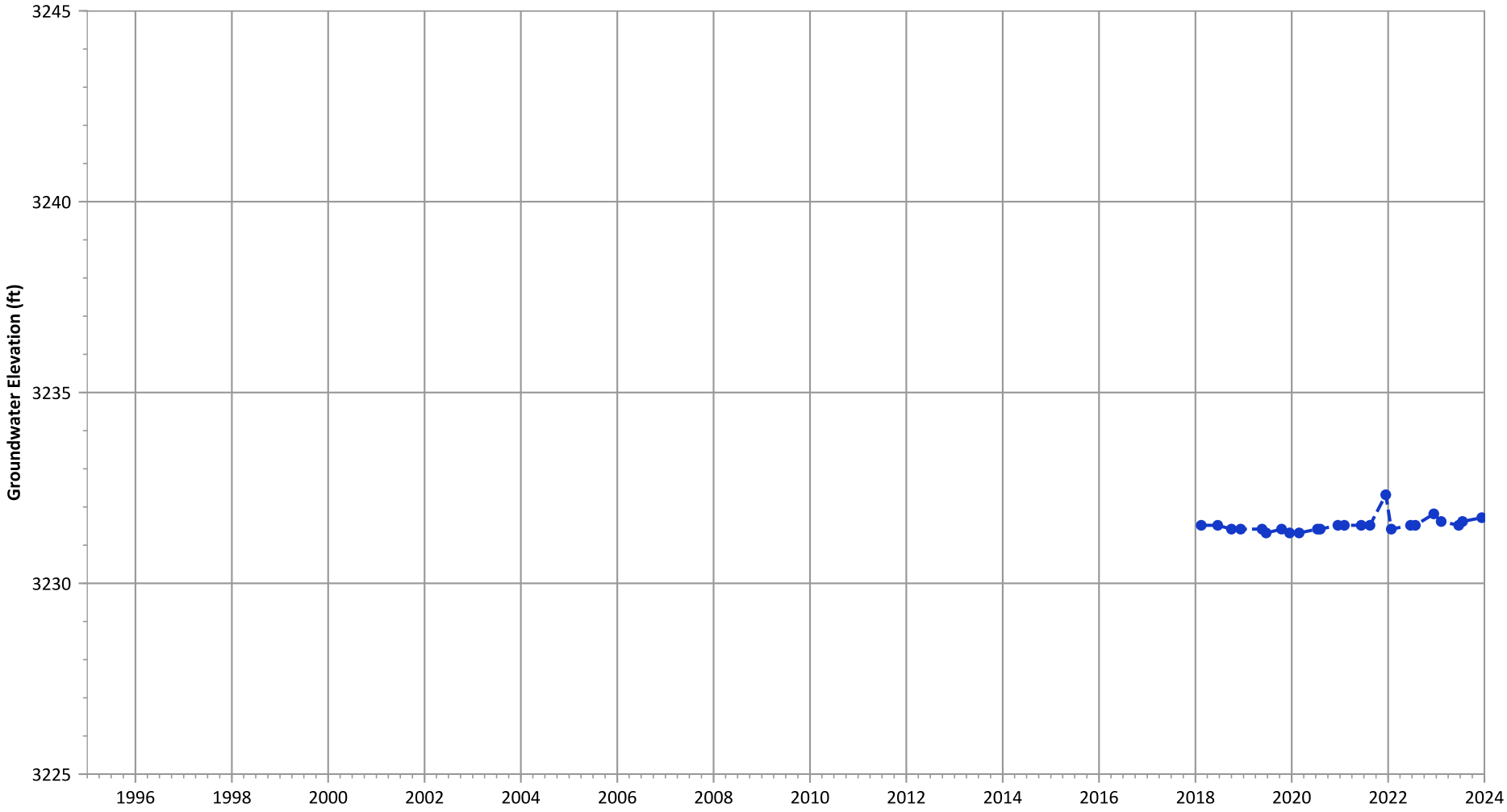
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1192 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

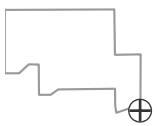


Notes:
1. Top of screen elevation is 3238.23 ft msl.
2. The bottom of screen elevation is 3218.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

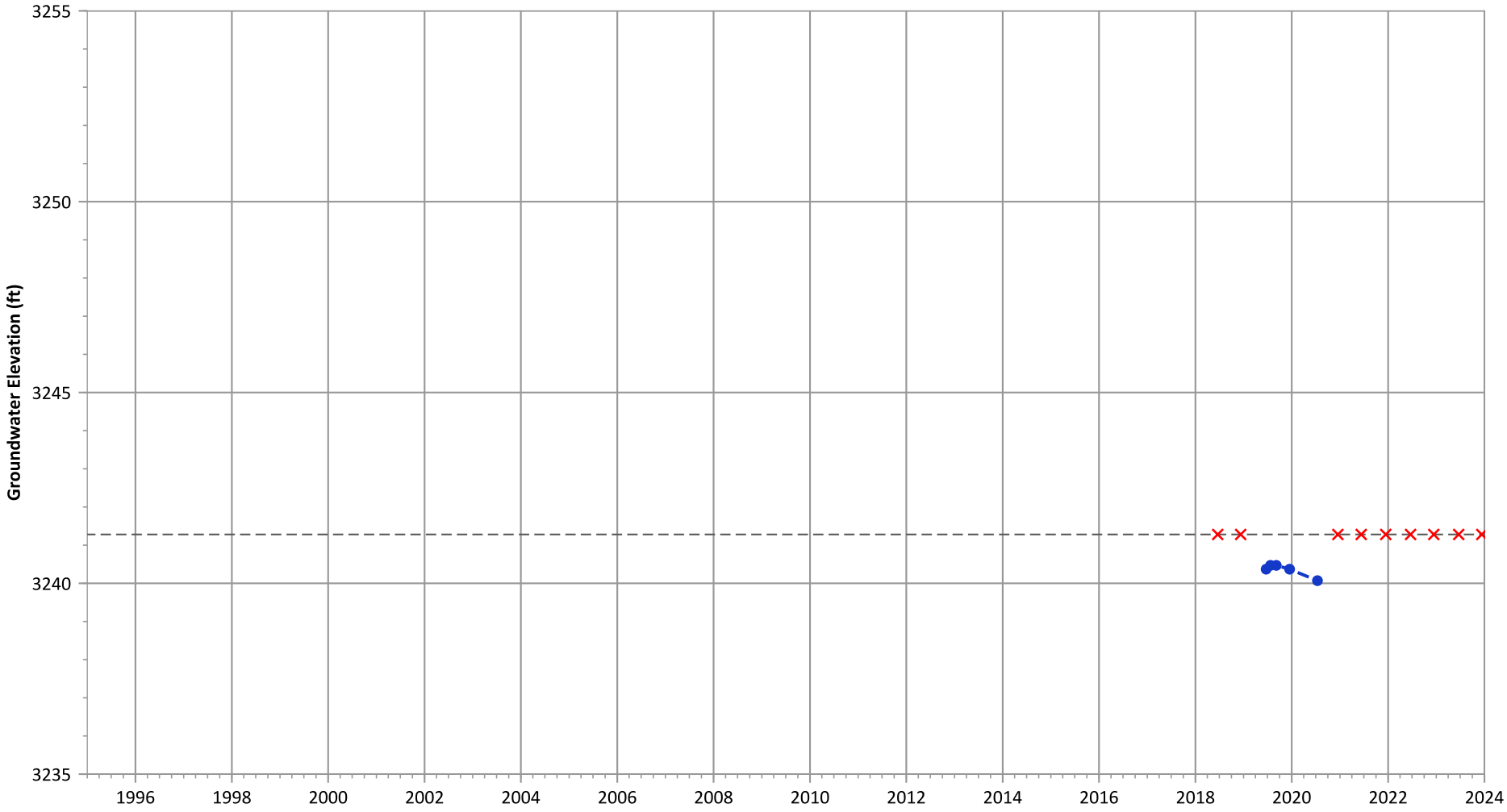
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1193 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

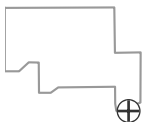


Notes:
1. Top of screen elevation is 3251.28 ft msl.
2. The bottom of screen elevation is 3241.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

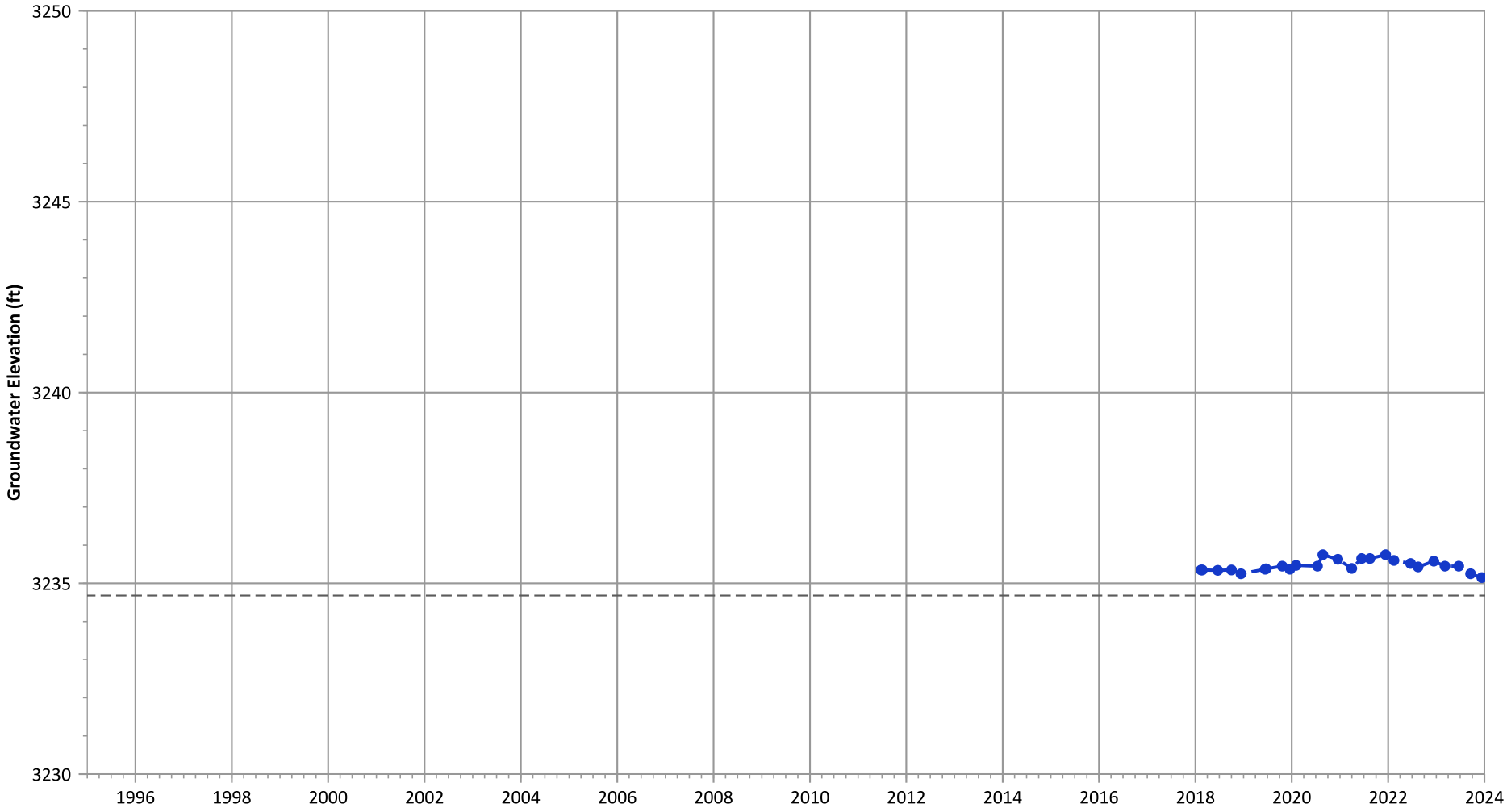
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.34 ft/yr

PTX06-1194 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

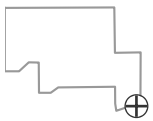


Notes:
1. Top of screen elevation is 3244.68 ft msl.
2. The bottom of screen elevation is 3234.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

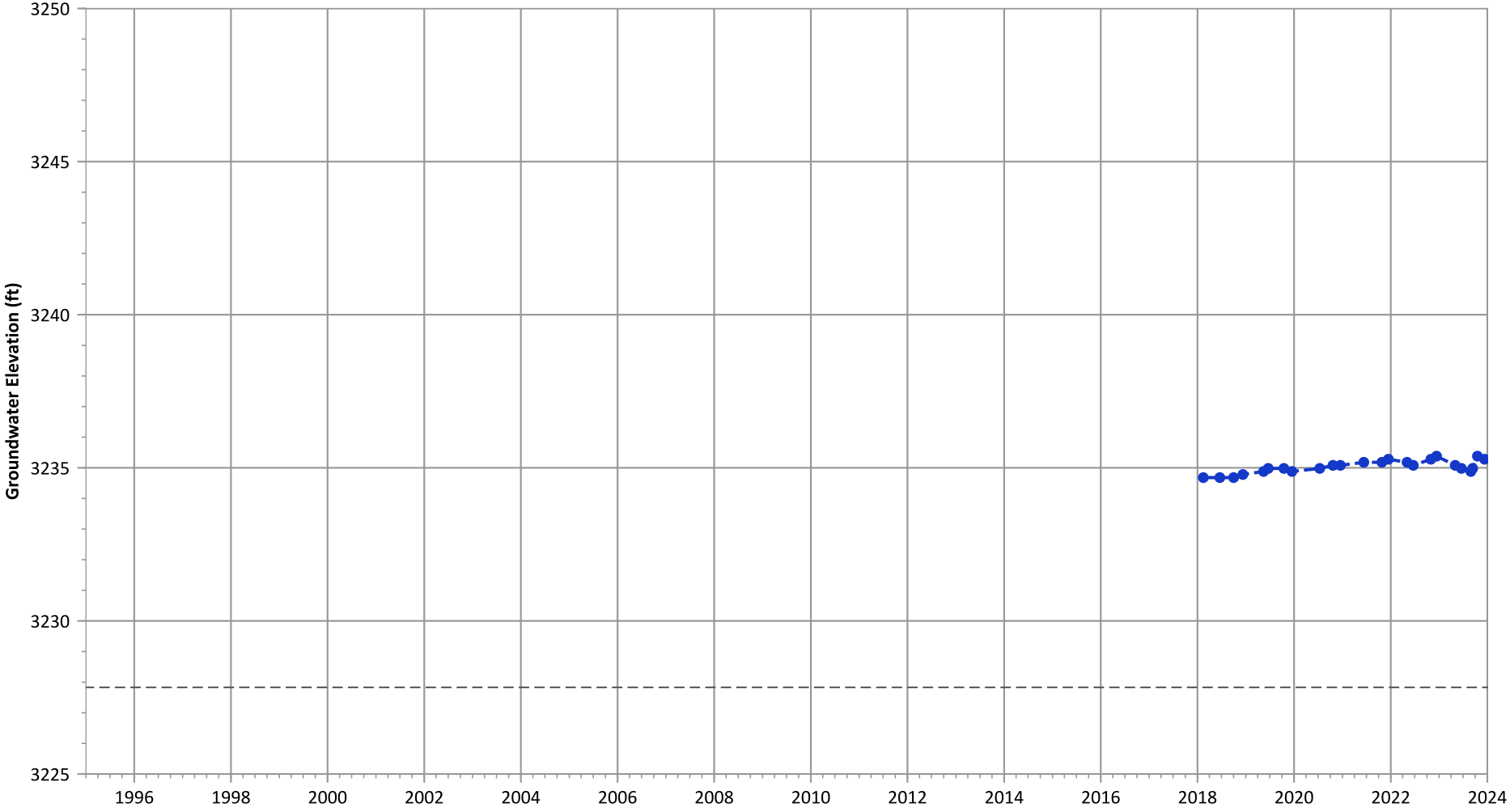
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.21 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1195 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3242.83 ft msl.
2. The bottom of screen elevation is 3227.83 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.

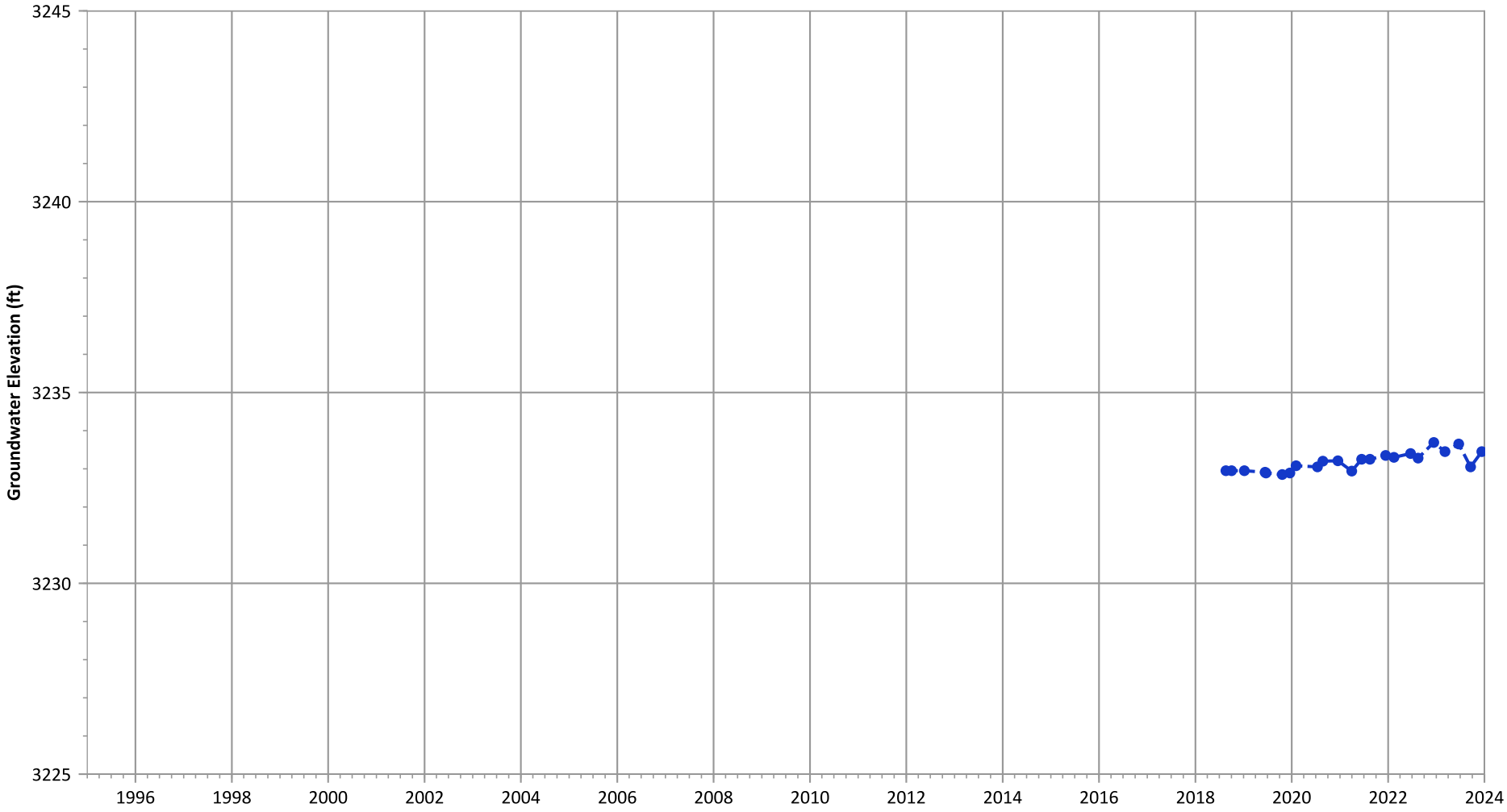
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1196 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

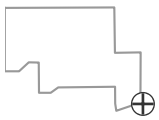


Notes:
1. Top of screen elevation is 3237.67 ft msl.
2. The bottom of screen elevation is 3222.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

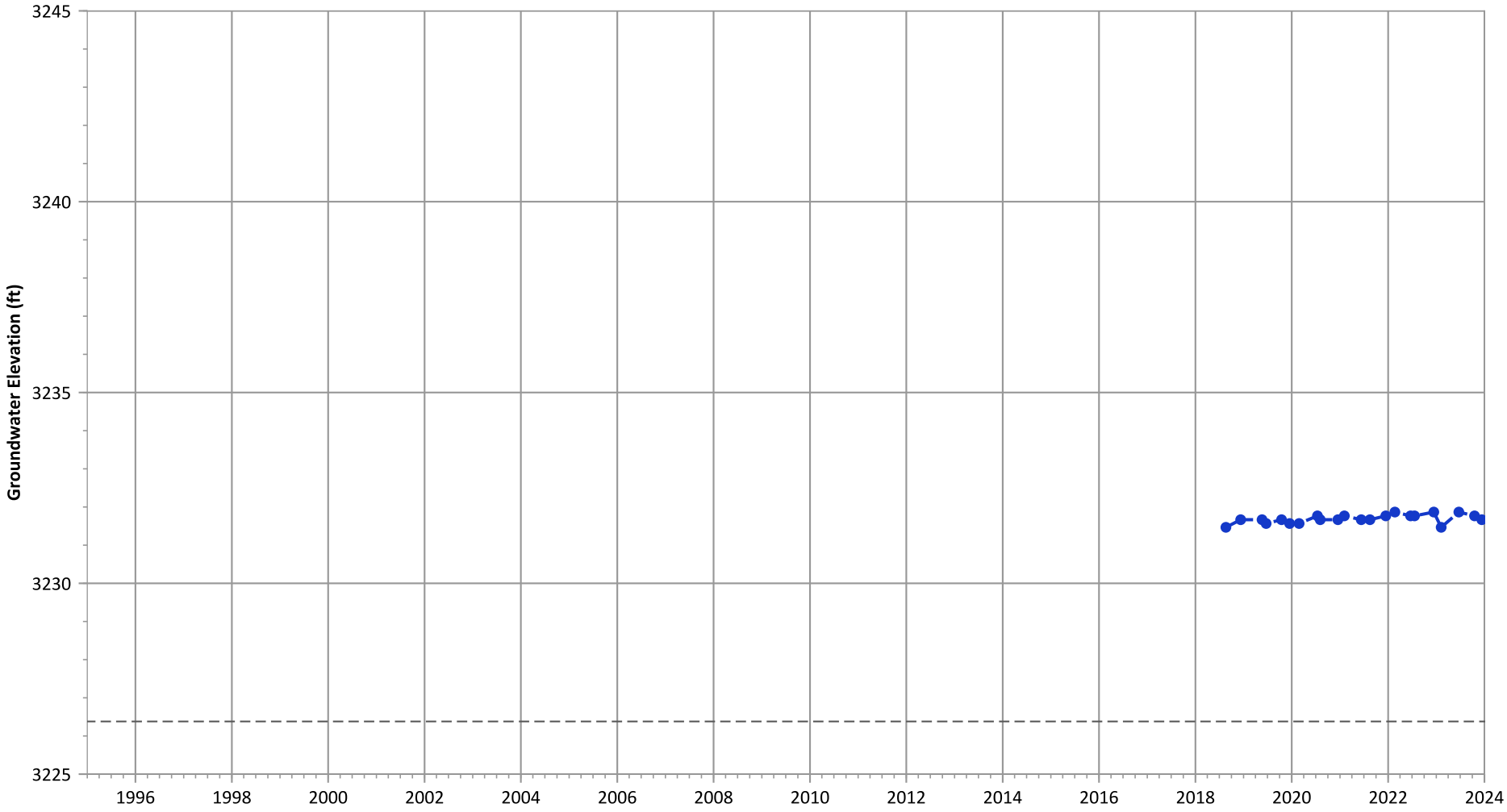
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.12 ft/yr

PTX06-1197 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

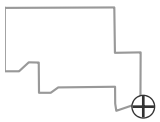


Notes:
1. Top of screen elevation is 3241.38 ft msl.
2. The bottom of screen elevation is 3226.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

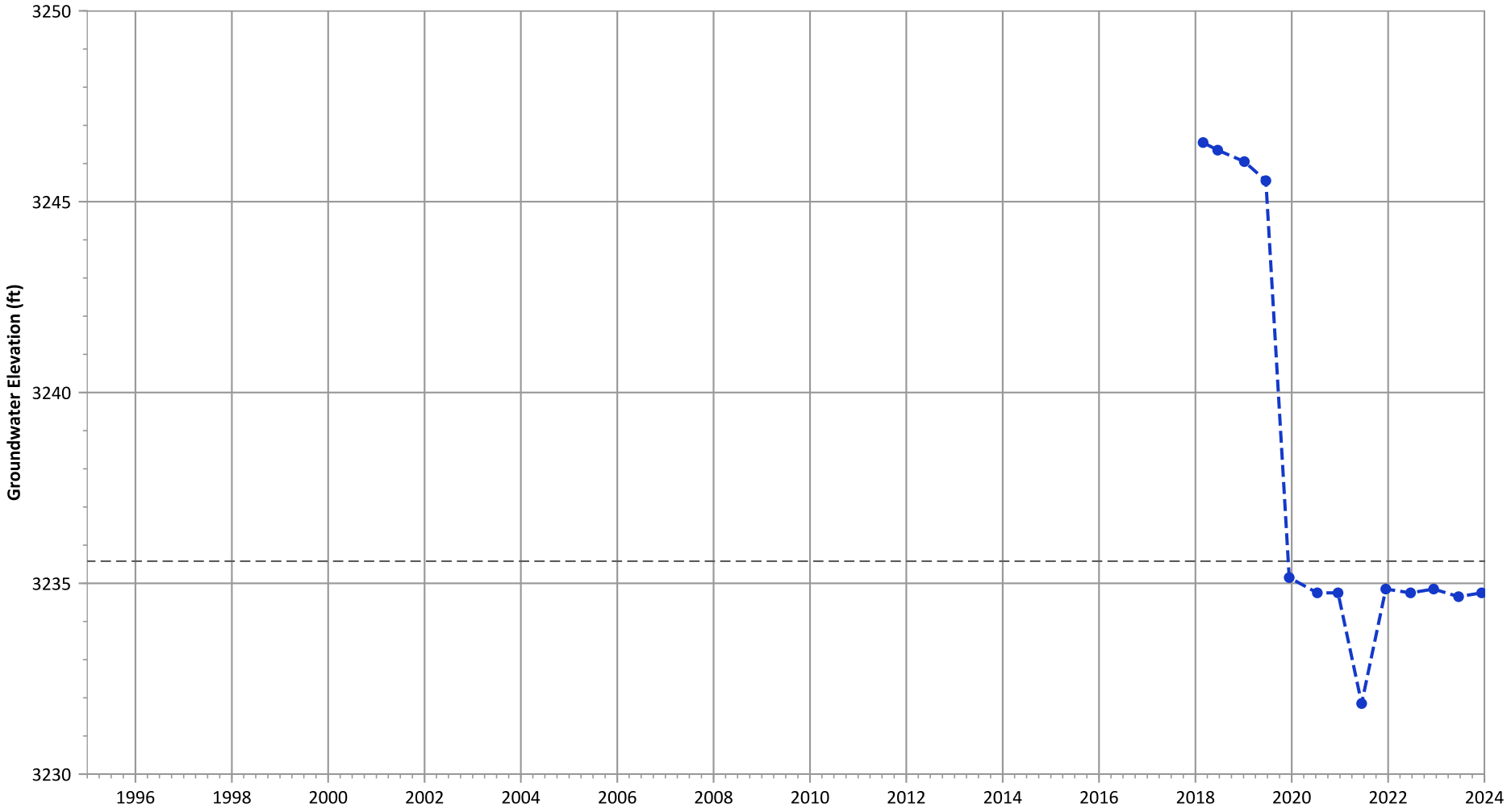
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1198 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

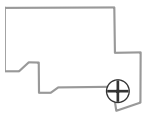


Notes:
1. Top of screen elevation is 3250.58 ft msl.
2. The bottom of screen elevation is 3235.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

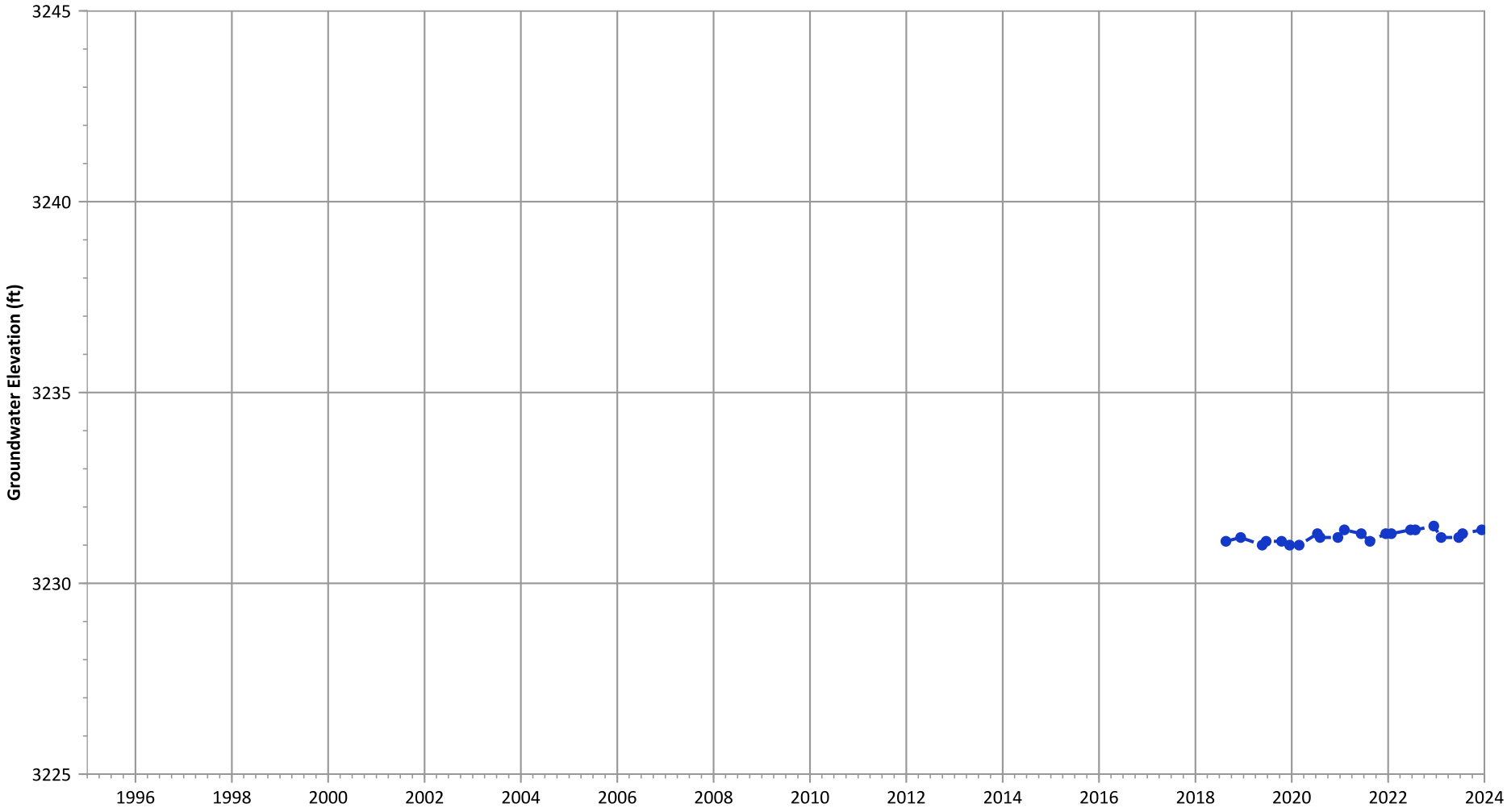
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 2.34 ft/yr

PTX06-1199 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

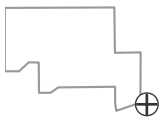


Notes:
1. Top of screen elevation is 3235.75 ft msl.
2. The bottom of screen elevation is 3220.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

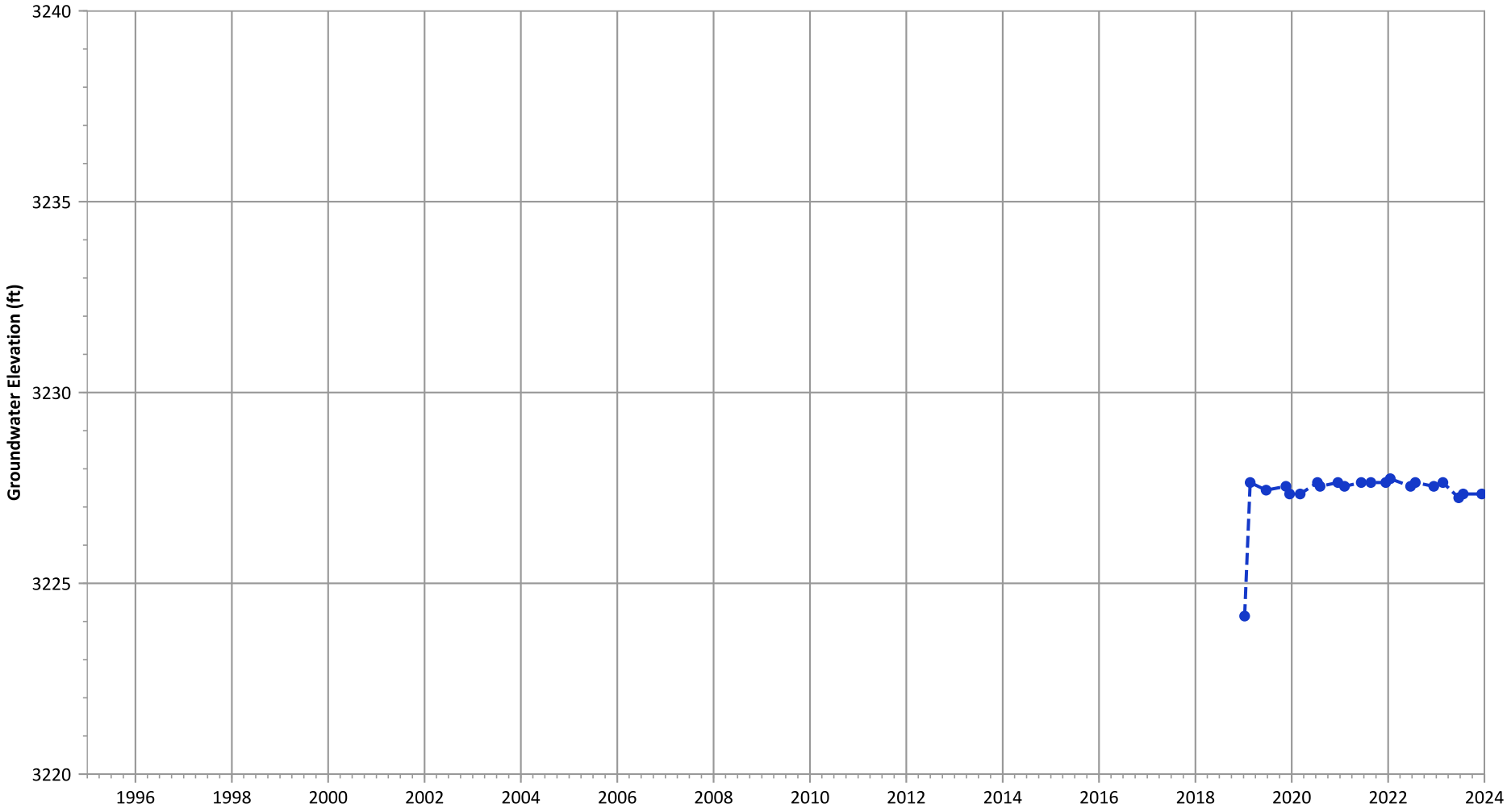
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1200 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

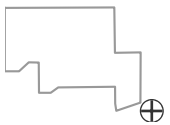


Notes:
1. Top of screen elevation is 3232.28 ft msl.
2. The bottom of screen elevation is 3217.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

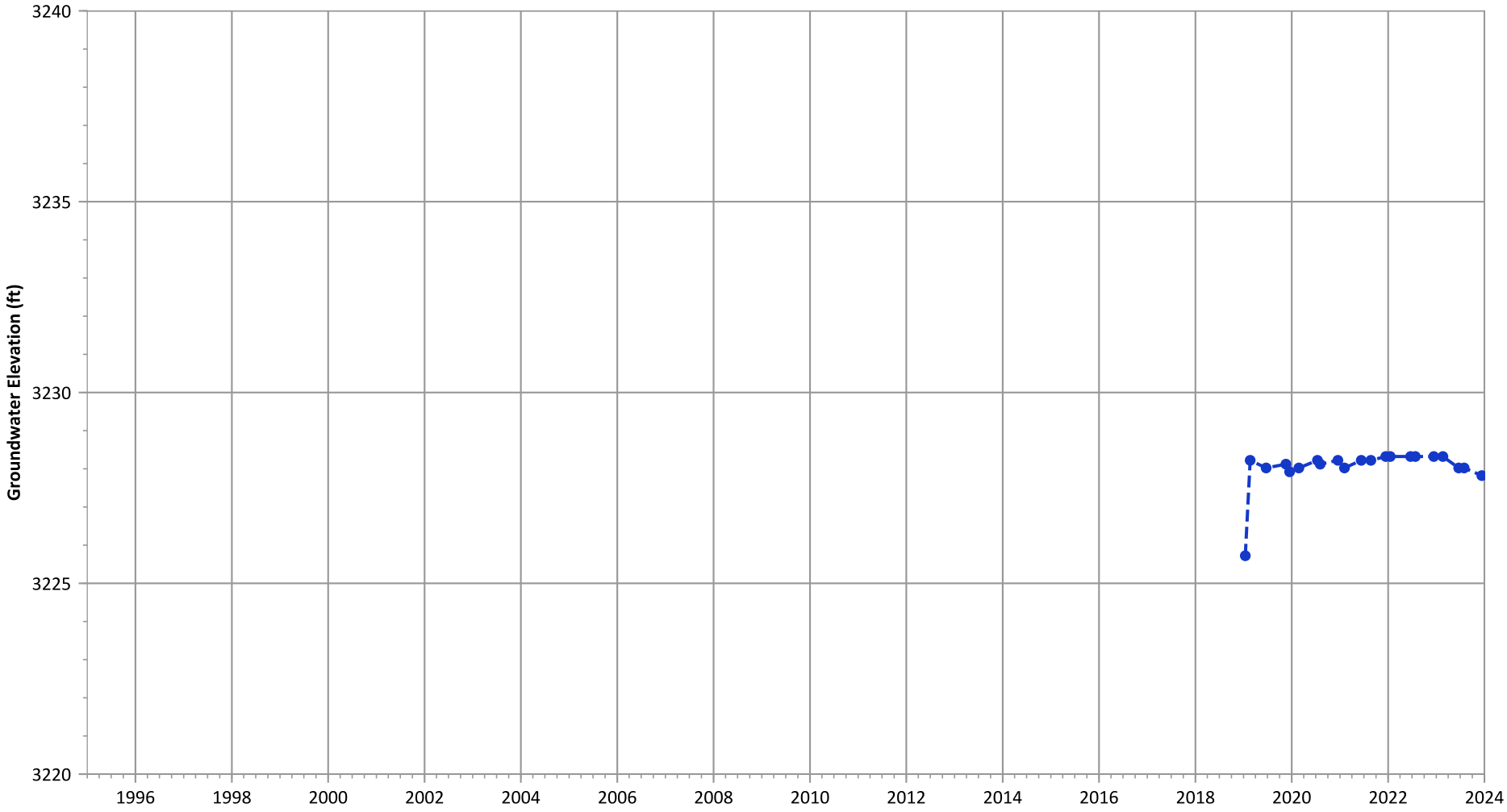
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.23 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.16 ft/yr

PTX06-1201 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3232.04 ft msl.
2. The bottom of screen elevation is 3217.04 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.

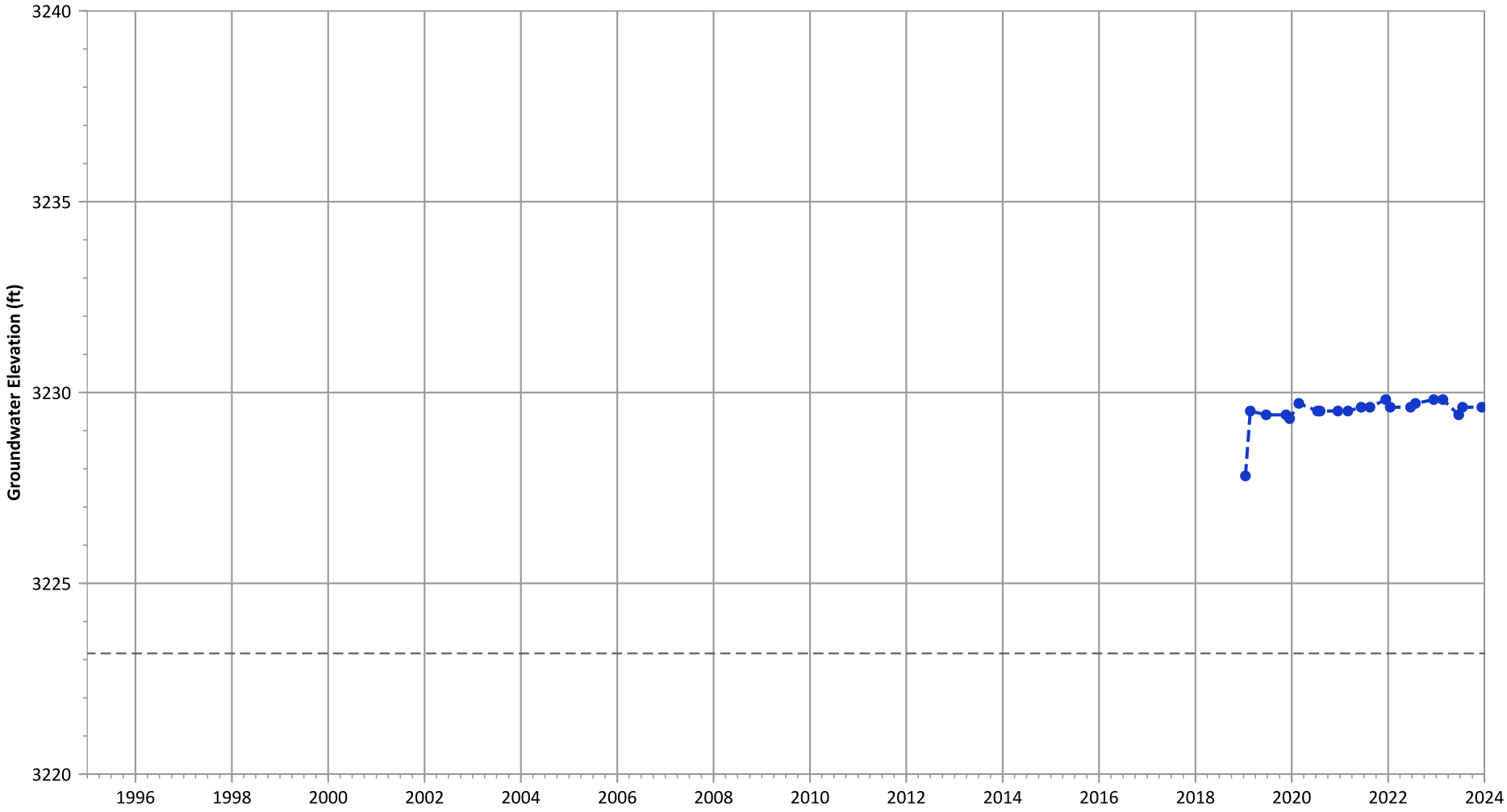
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.27 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.13 ft/yr

PTX06-1202 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3238.16 ft msl.
2. The bottom of screen elevation is 3223.16 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.

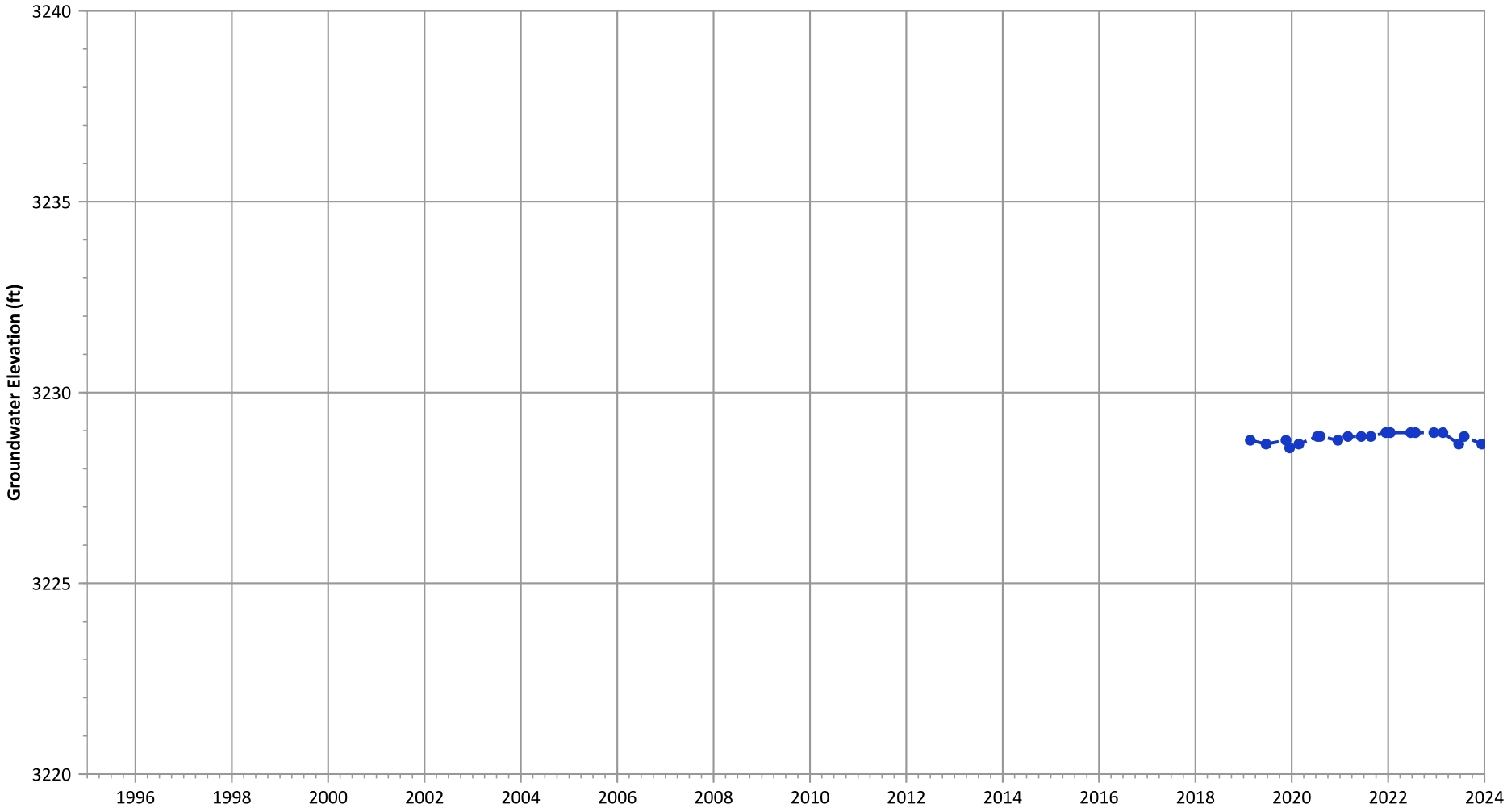
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.14 ft/yr

PTX06-1203 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

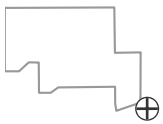


Notes:
1. Top of screen elevation is 3234.03 ft msl.
2. The bottom of screen elevation is 3219.03 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

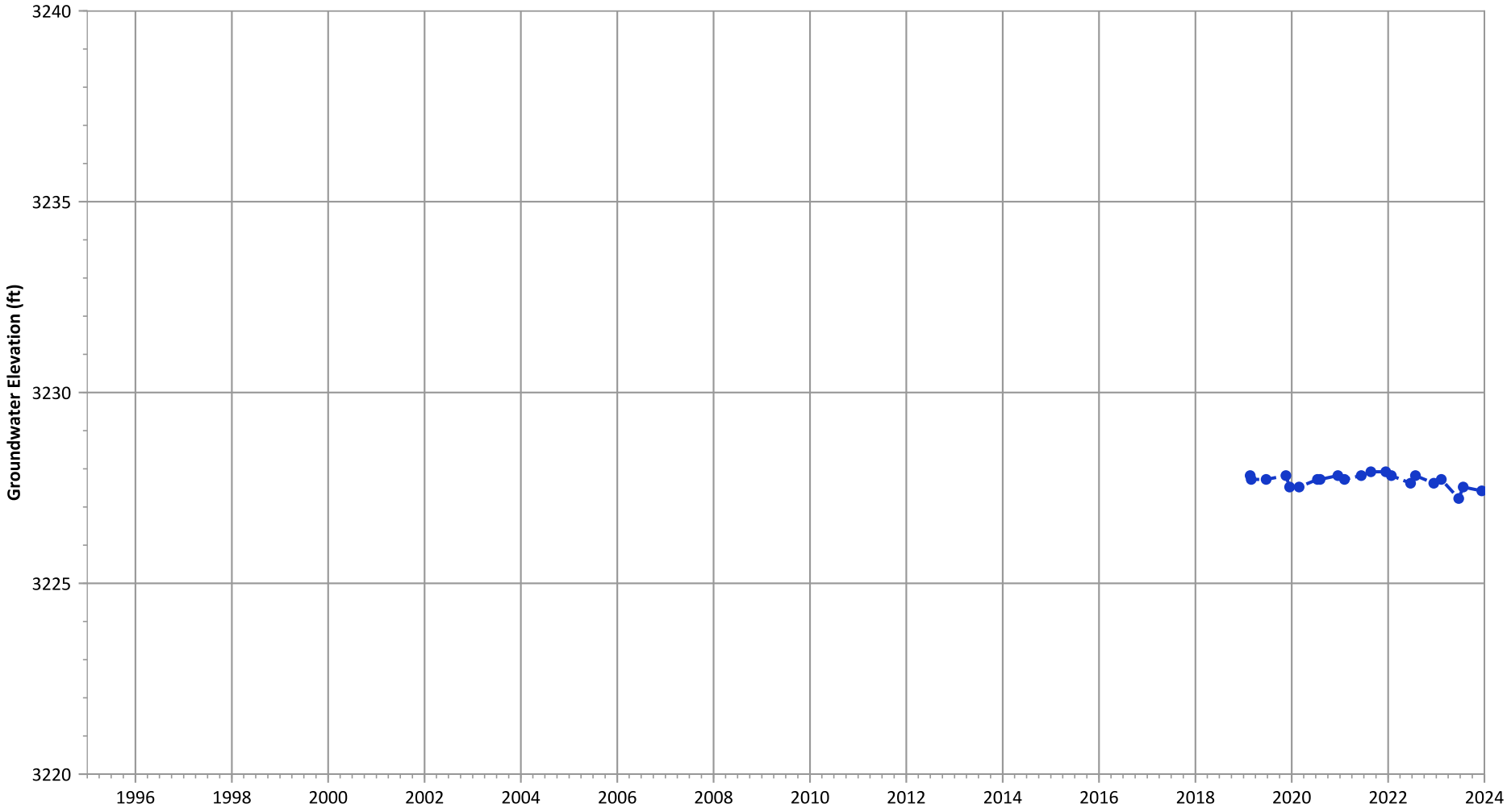
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1204 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

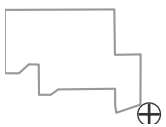


Notes:
1. Top of screen elevation is 3231.9 ft msl.
2. The bottom of screen elevation is 3211.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

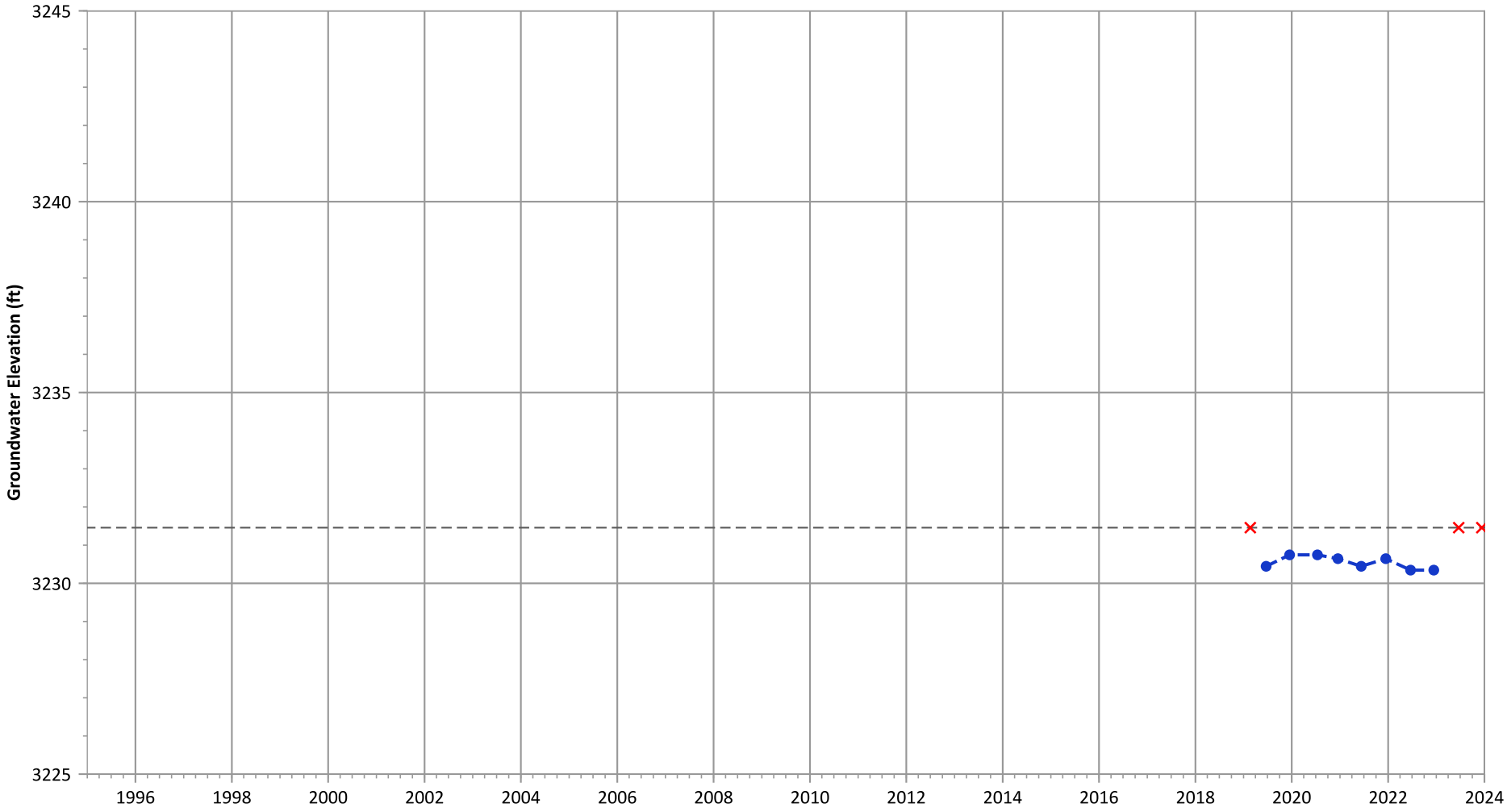
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.25 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1205 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

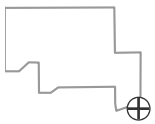


Notes:
1. Top of screen elevation is 3241.46 ft msl.
2. The bottom of screen elevation is 3231.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

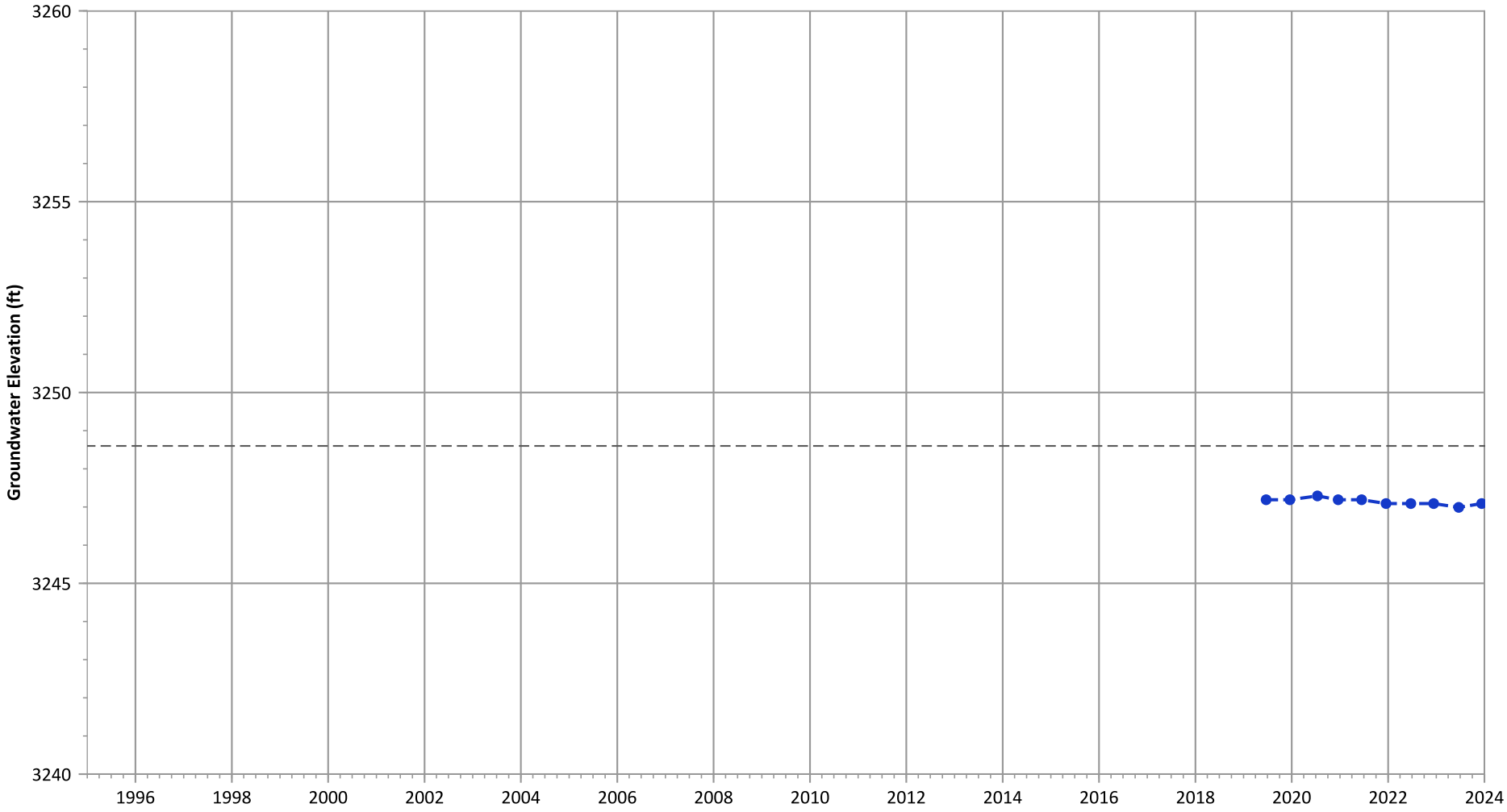
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1206 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

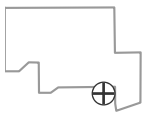


Notes:
1. Top of screen elevation is 3288.6 ft msl.
2. The bottom of screen elevation is 3248.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

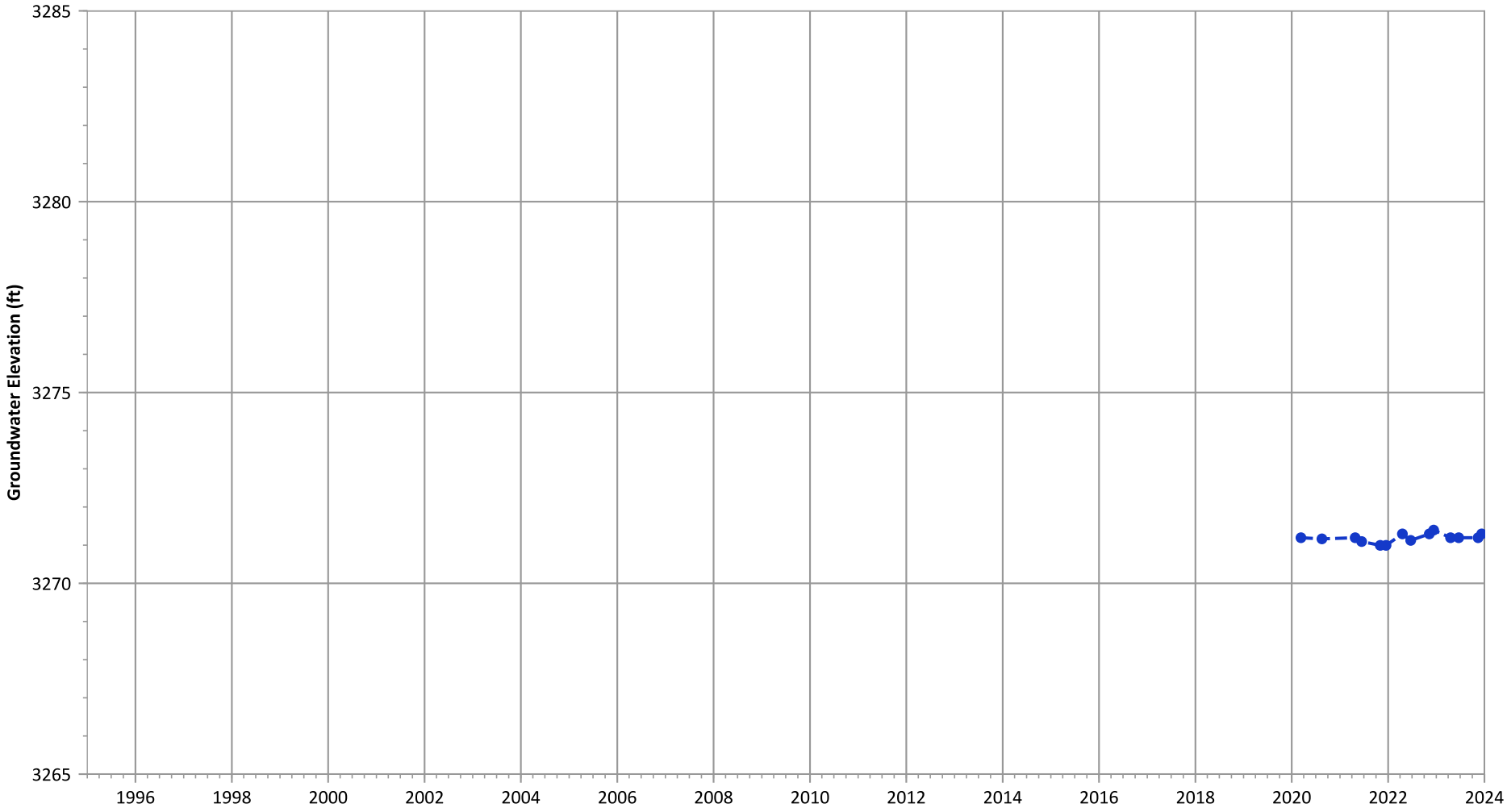
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1207 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

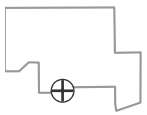


Notes:
1. Top of screen elevation is 3272.07 ft msl.
2. The bottom of screen elevation is 3257.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

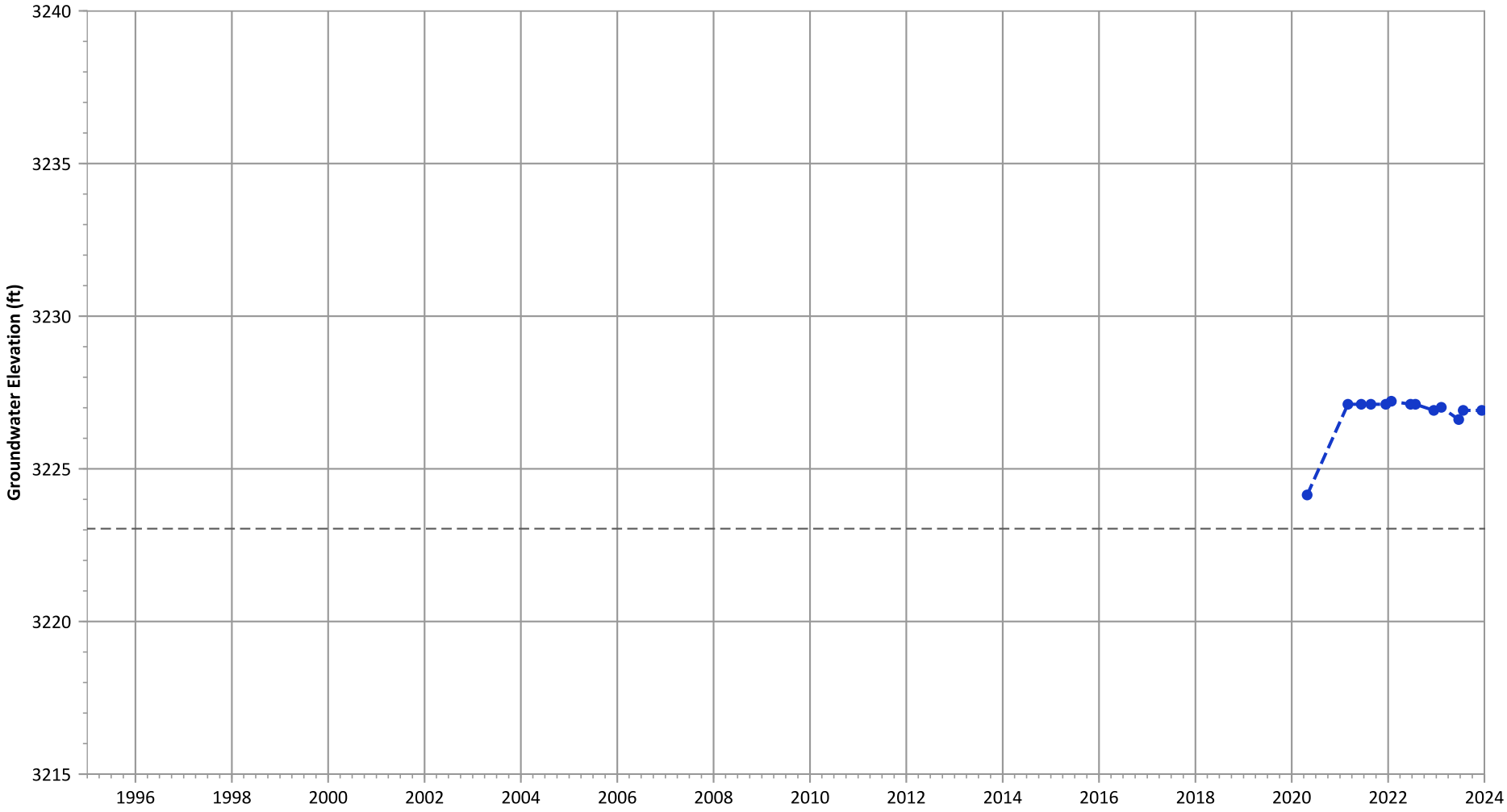
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1208 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

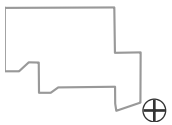


Notes:
1. Top of screen elevation is 3238.04 ft msl.
2. The bottom of screen elevation is 3223.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

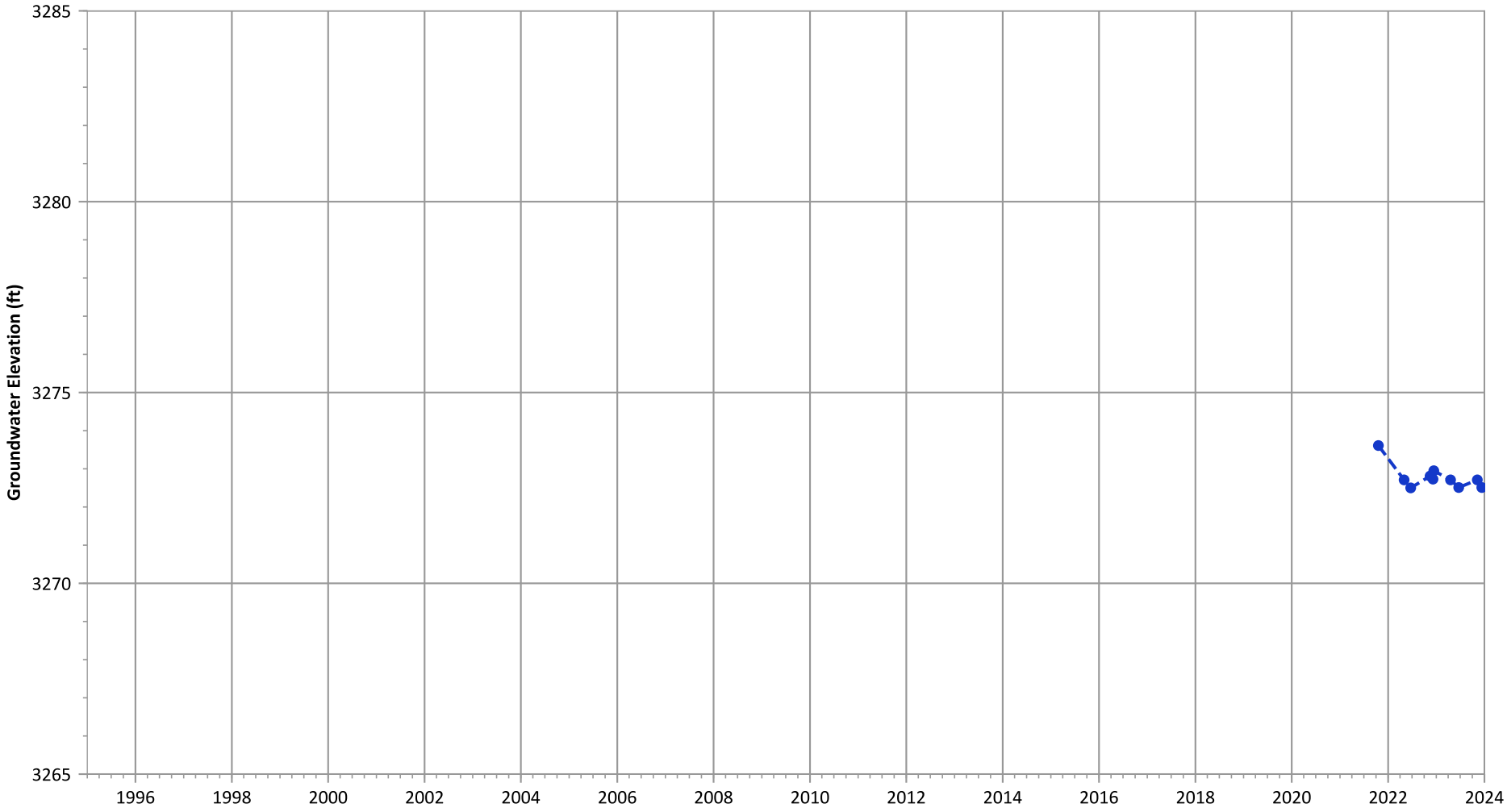
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.22 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.35 ft/yr

PTX06-1209 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

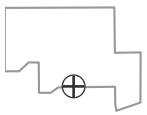


Notes:
1. Top of screen elevation is 3280.22 ft msl.
2. The bottom of screen elevation is 3260.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

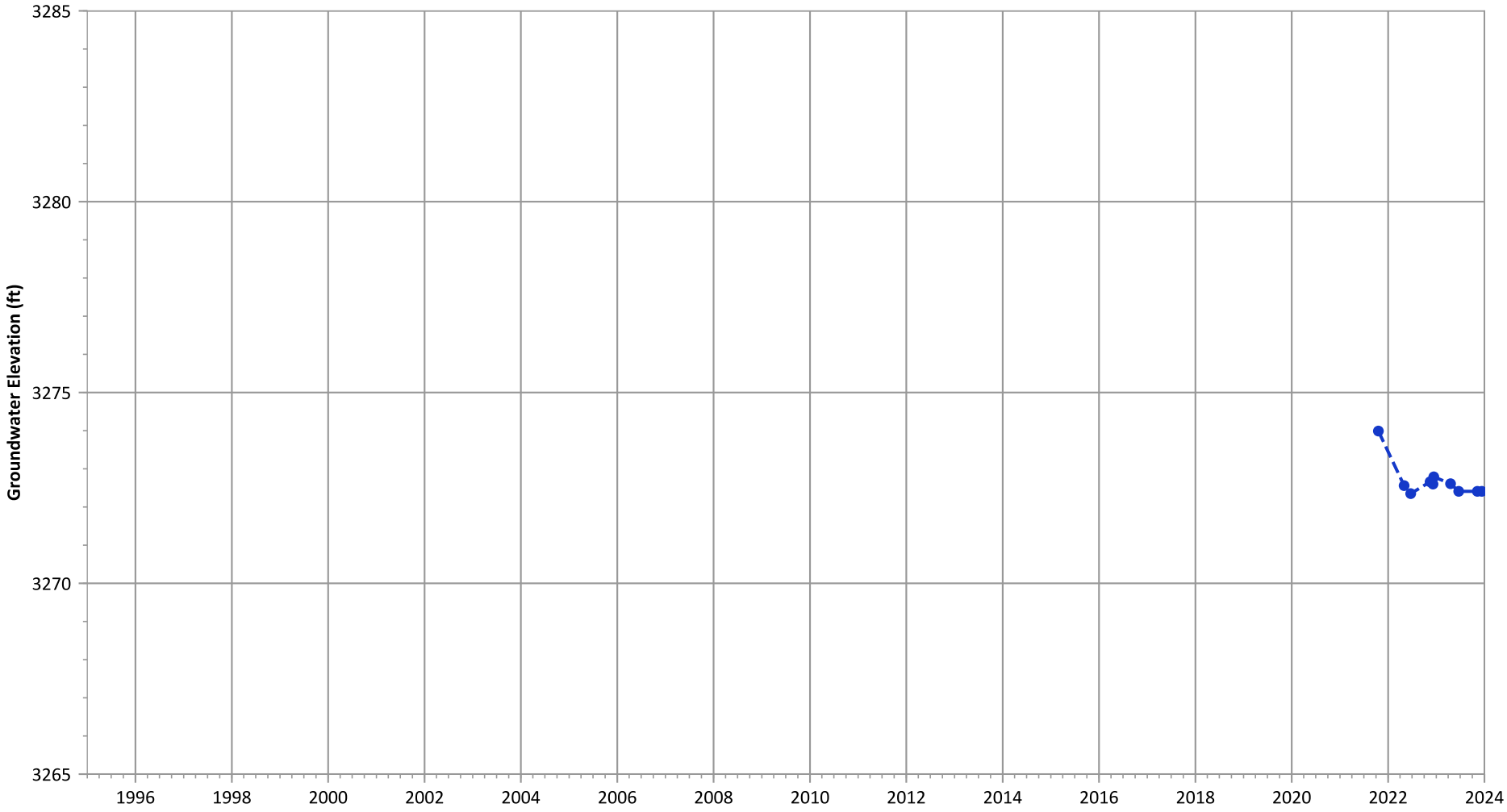
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.31 ft/yr

PTX06-1210 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

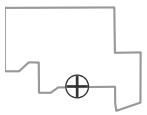


Notes:
1. Top of screen elevation is 3276.71 ft msl.
2. The bottom of screen elevation is 3256.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

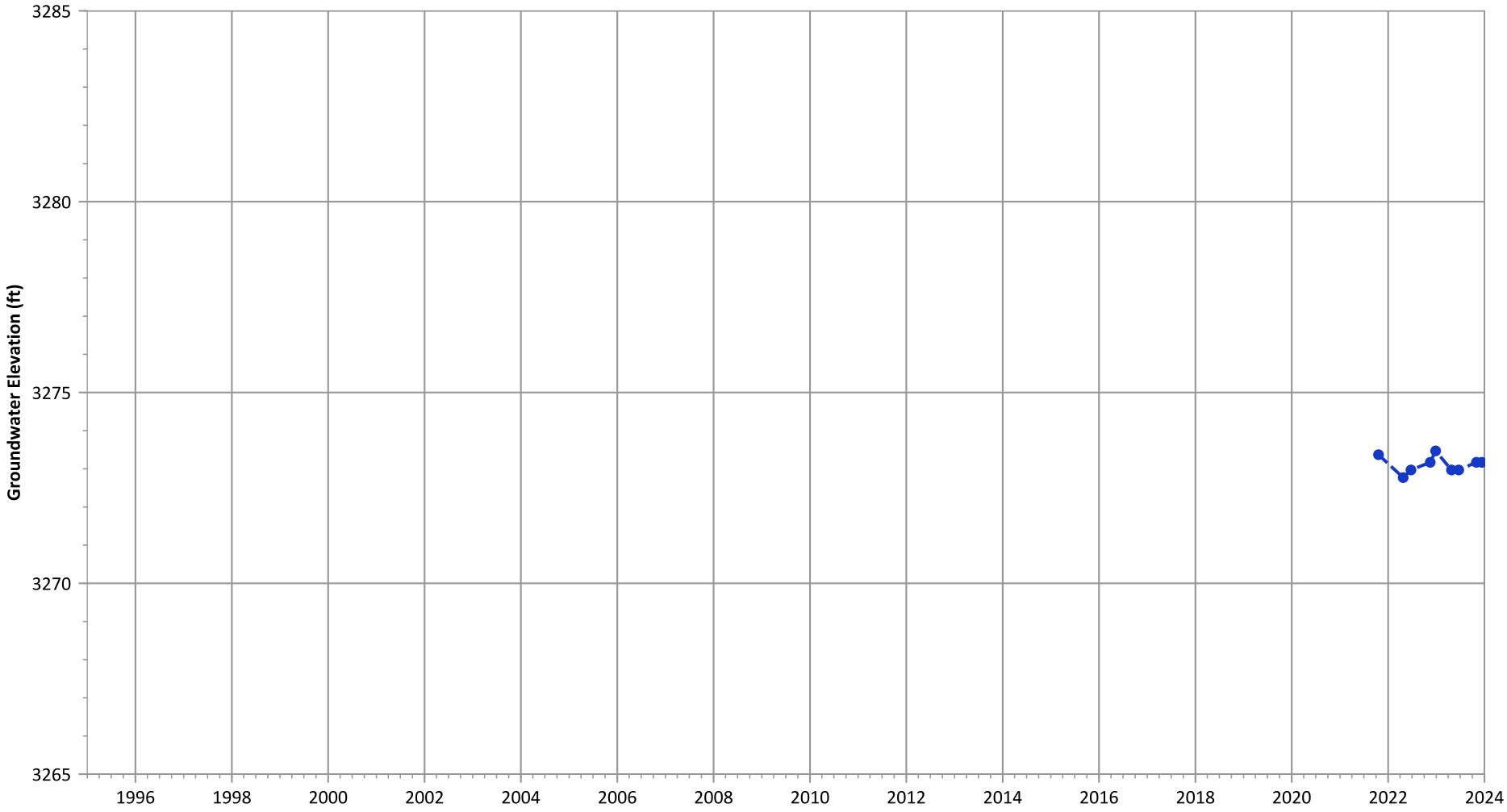
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.47 ft/yr

PTX06-1211 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

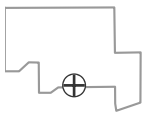


Notes:
1. Top of screen elevation is 3277.73 ft msl.
2. The bottom of screen elevation is 3257.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

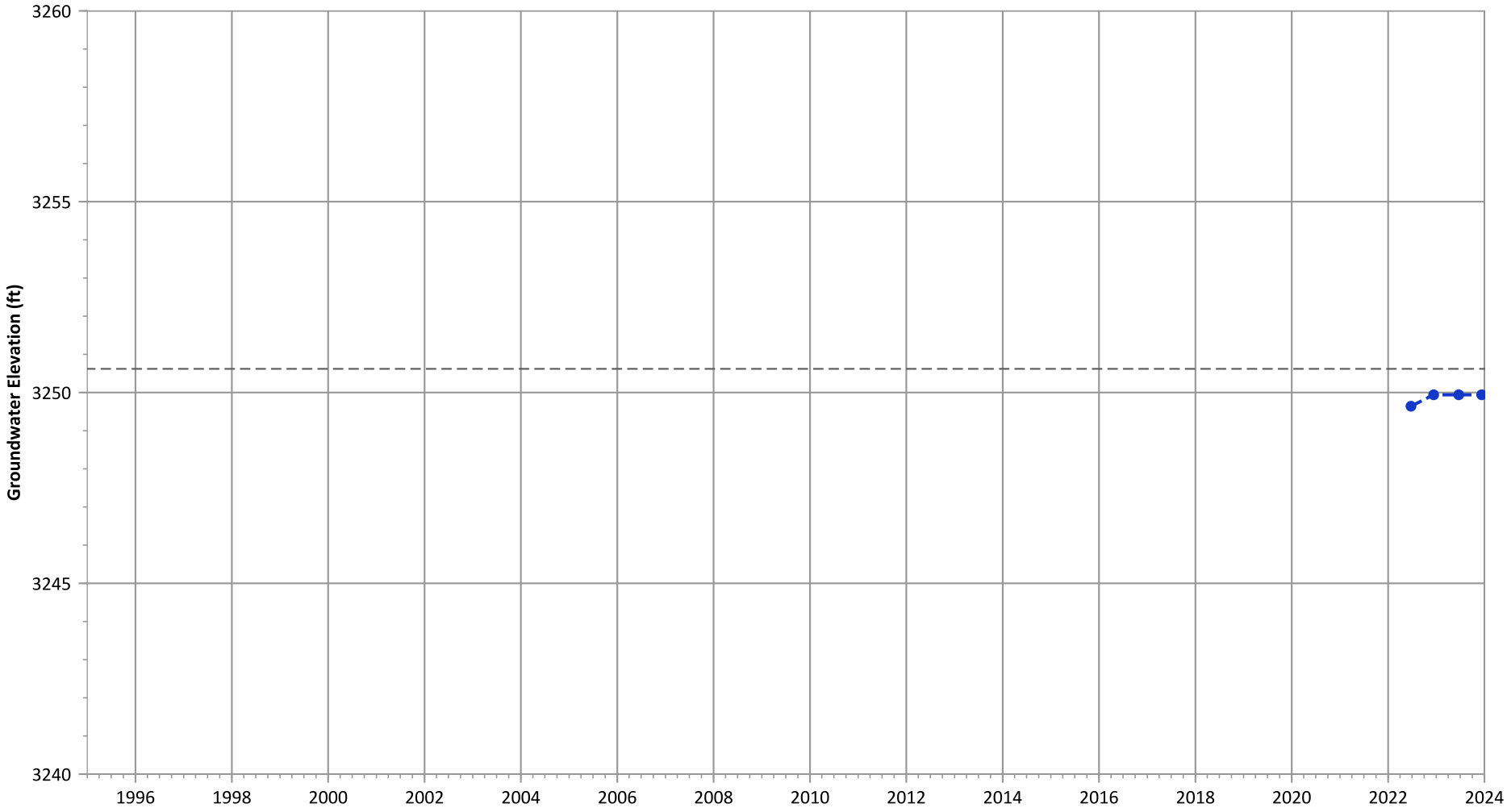
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-1212 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

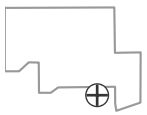


Notes:
1. Top of screen elevation is 3260.62 ft msl.
2. The bottom of screen elevation is 3250.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

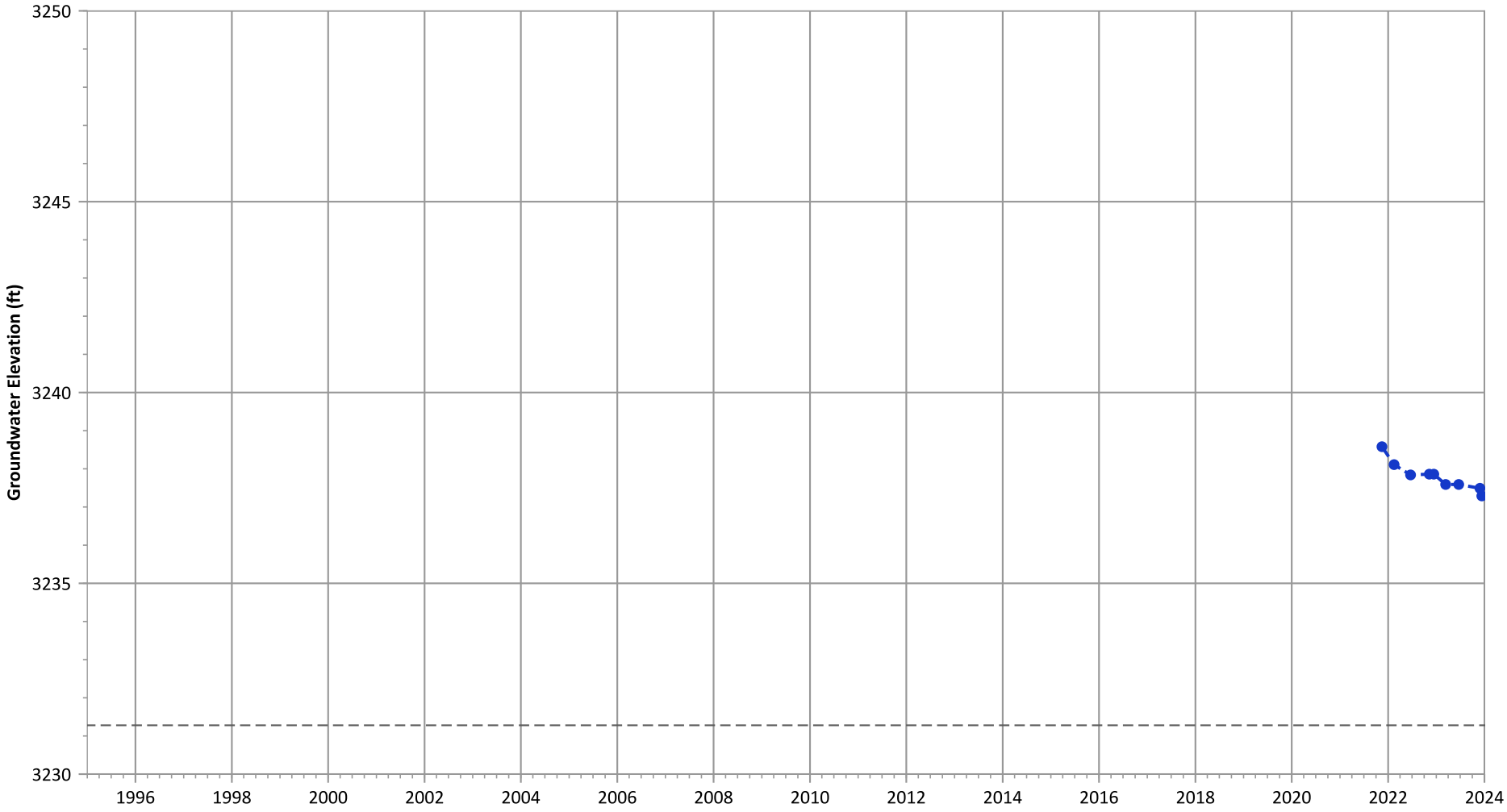
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.18 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.18 ft/yr

PTX06-1213 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

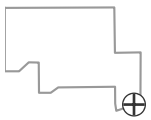


Notes:
1. Top of screen elevation is 3241.28 ft msl.
2. The bottom of screen elevation is 3231.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

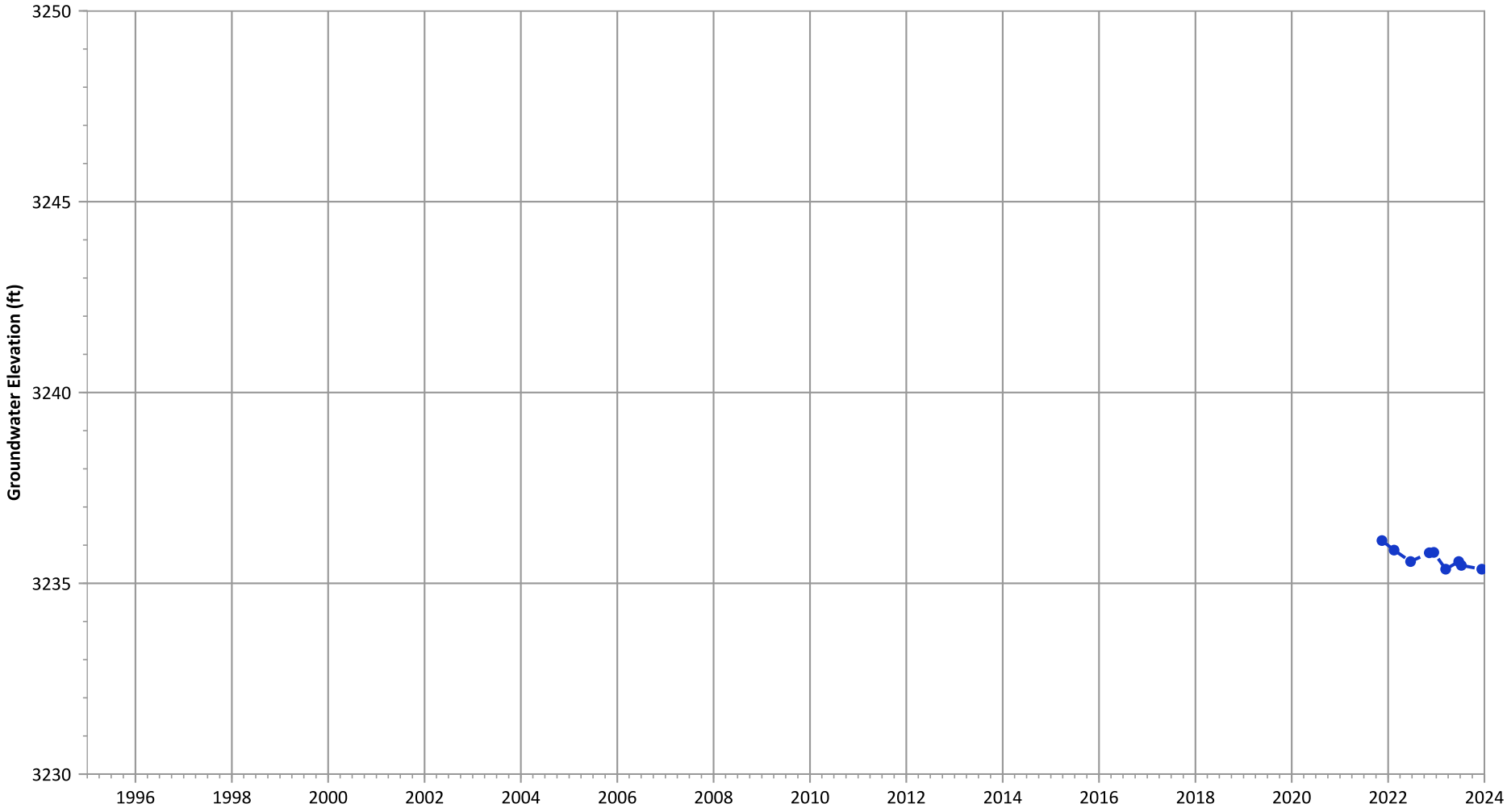
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.38 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.48 ft/yr

PTX06-1214 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

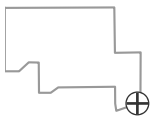


Notes:
1. Top of screen elevation is 3241.82 ft msl.
2. The bottom of screen elevation is 3226.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

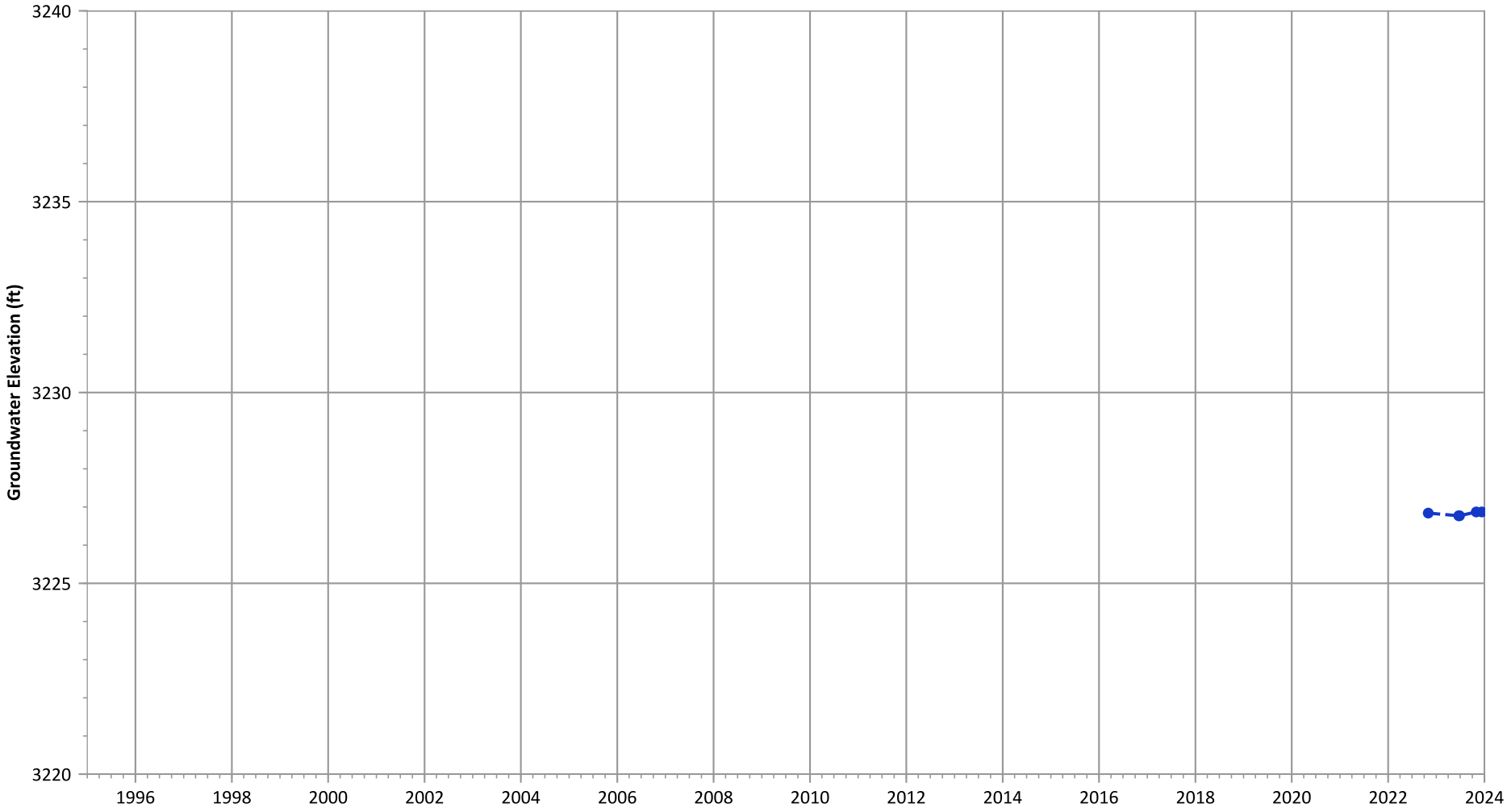
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.25 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.31 ft/yr

PTX06-1215 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

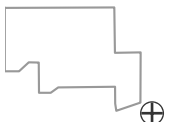


Notes:
1. Top of screen elevation is 3228.55 ft msl.
2. The bottom of screen elevation is 3218.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

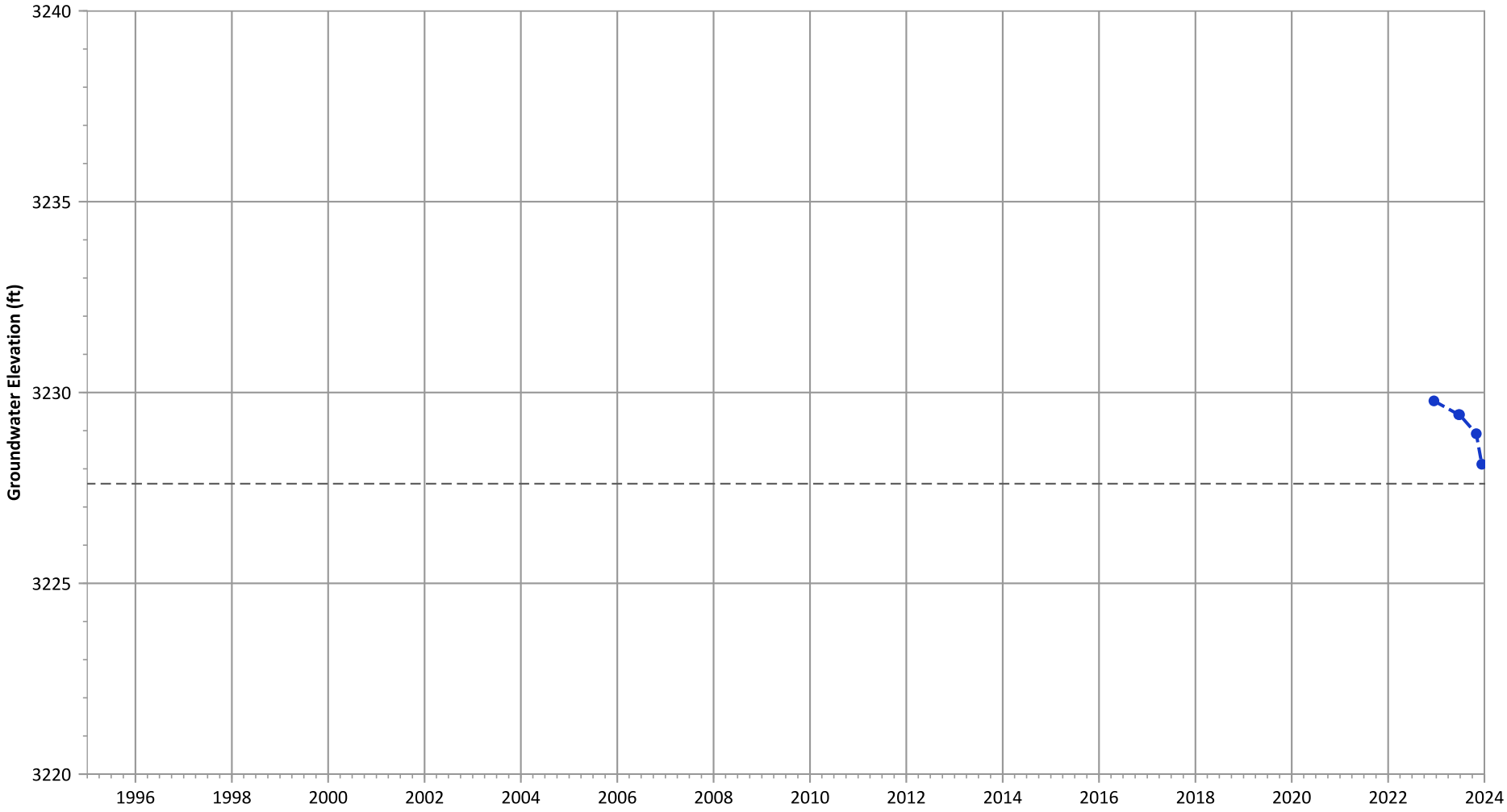
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-1216 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

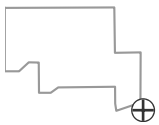


Notes:
1. Top of screen elevation is 3237.61 ft msl.
2. The bottom of screen elevation is 3227.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

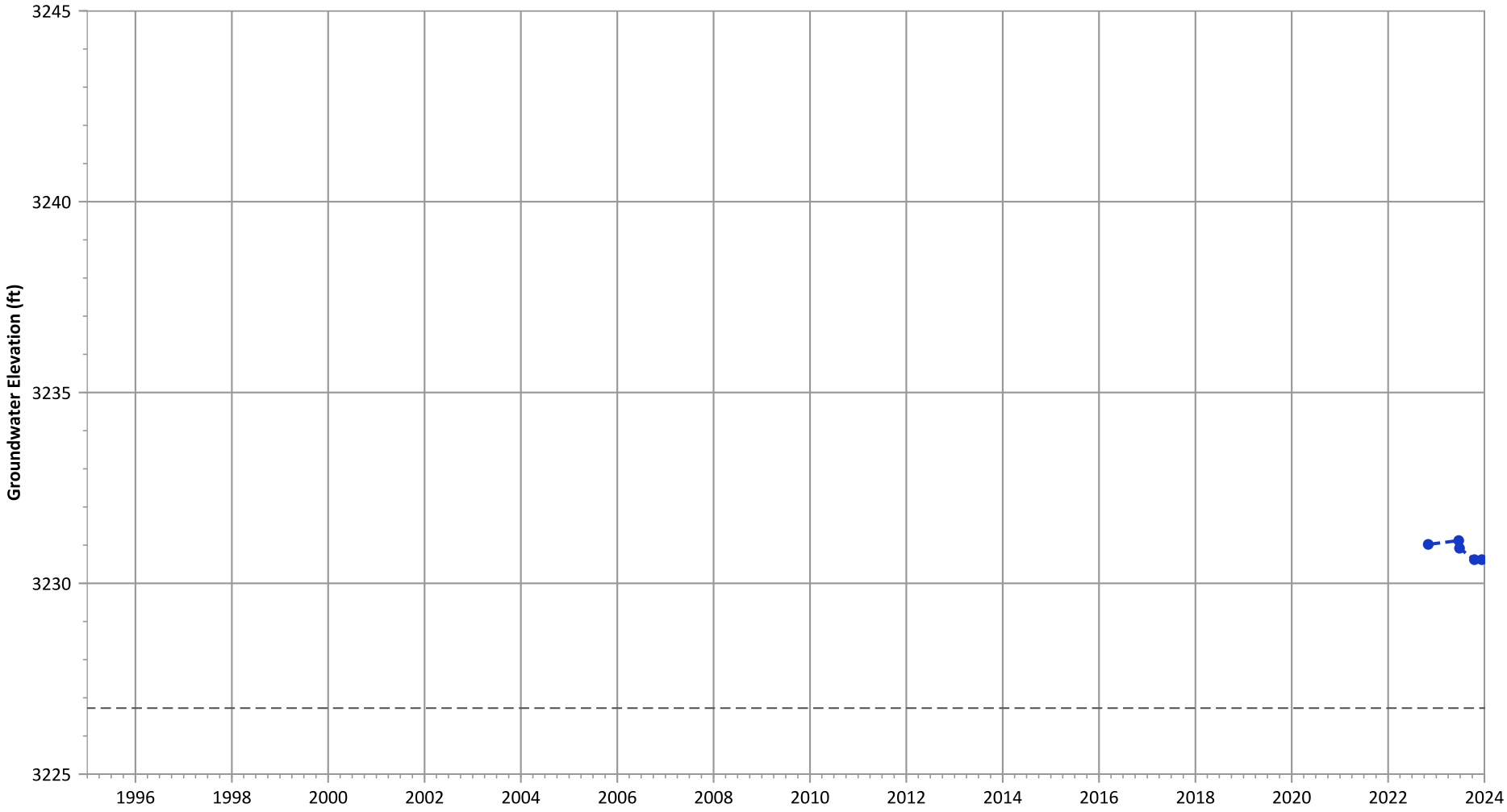
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.48 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.48 ft/yr

PTX06-1218 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

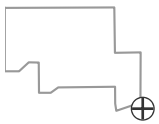


Notes:
1. Top of screen elevation is 3236.73 ft msl.
2. The bottom of screen elevation is 3226.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

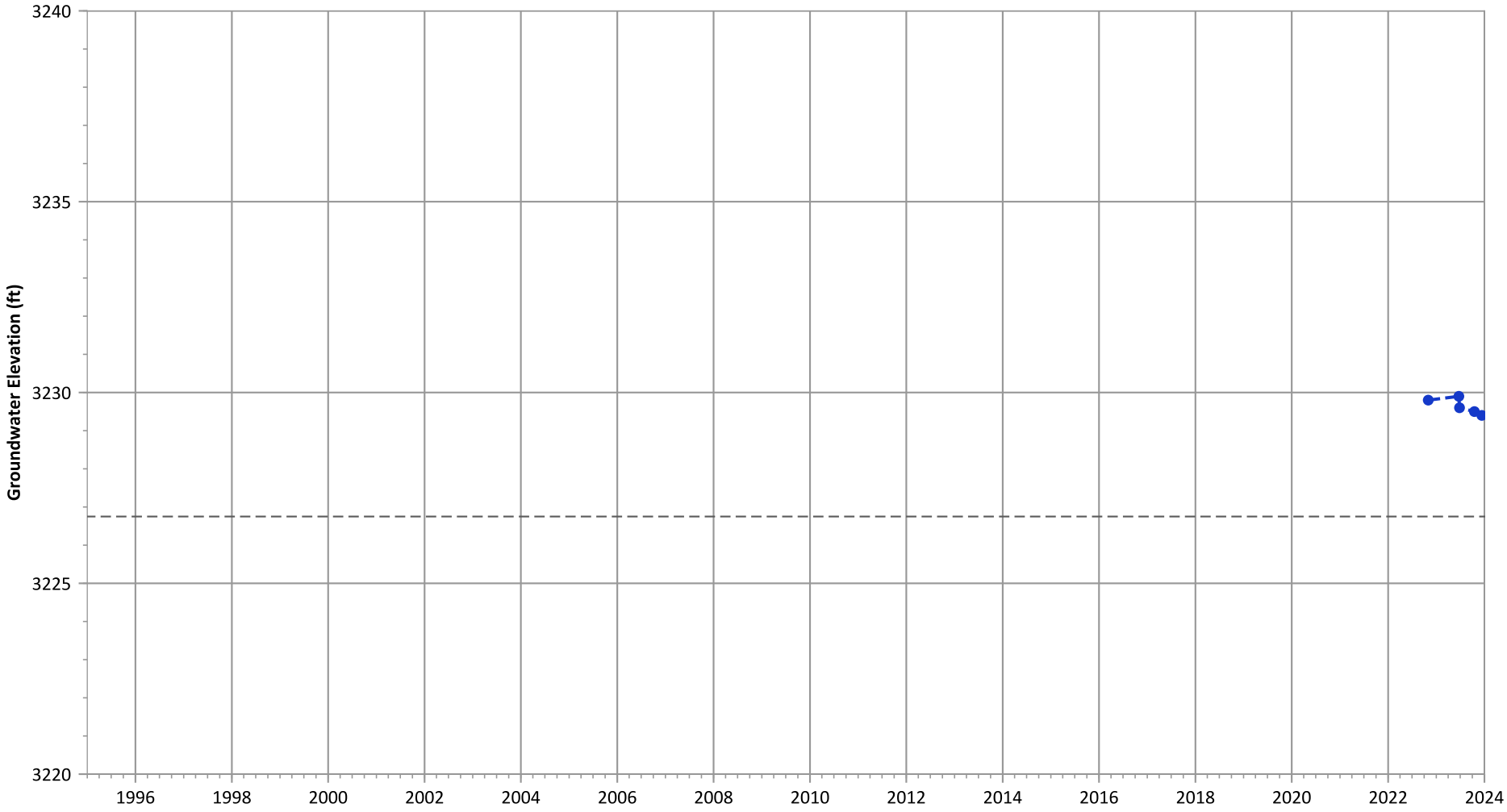
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.4 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.4 ft/yr

PTX06-1219 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

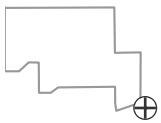


Notes:
1. Top of screen elevation is 3236.75 ft msl.
2. The bottom of screen elevation is 3226.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

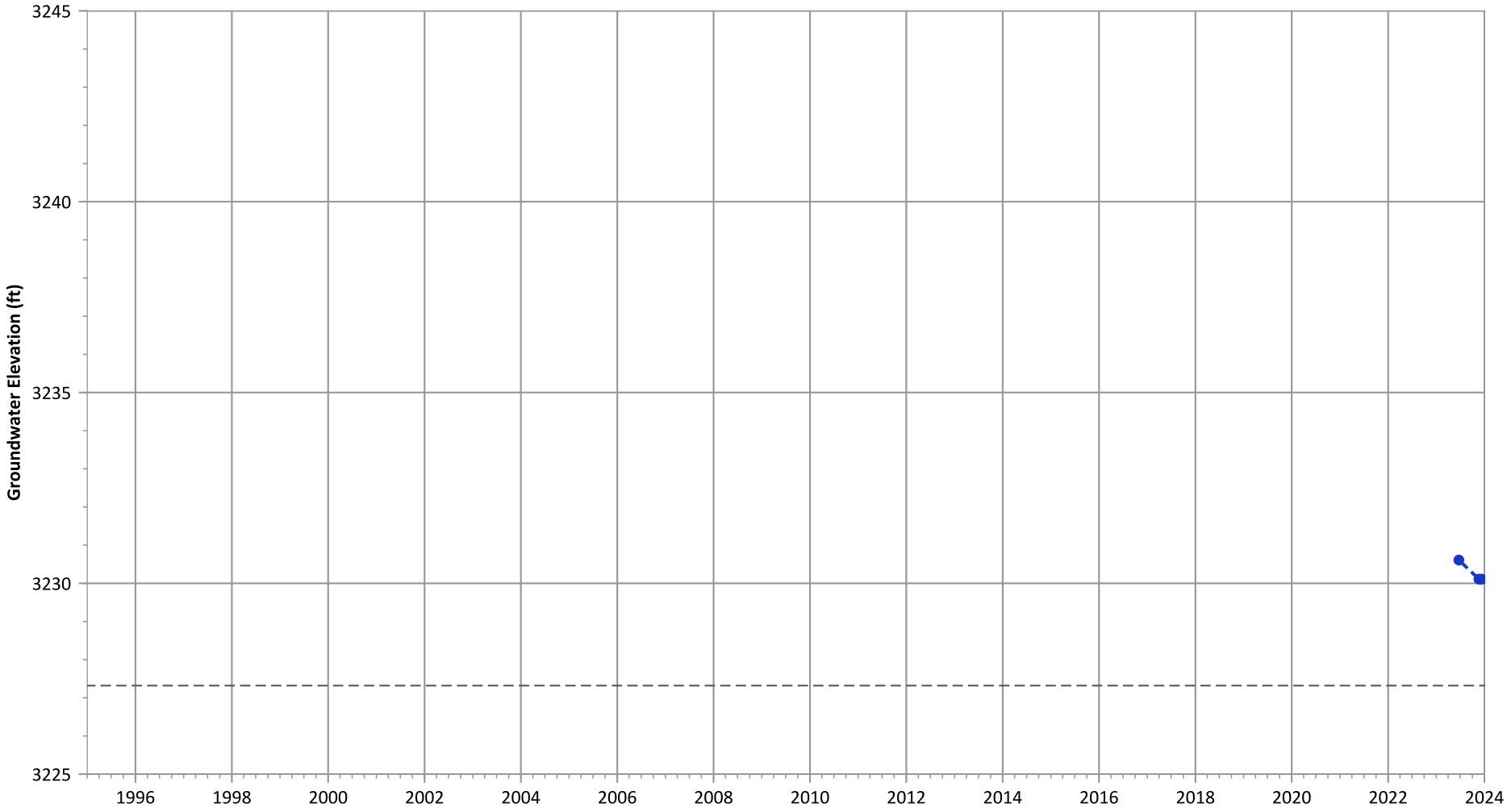
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.36 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.36 ft/yr

PTX06-1221 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3237.32 ft msl.
2. The bottom of screen elevation is 3227.32 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.

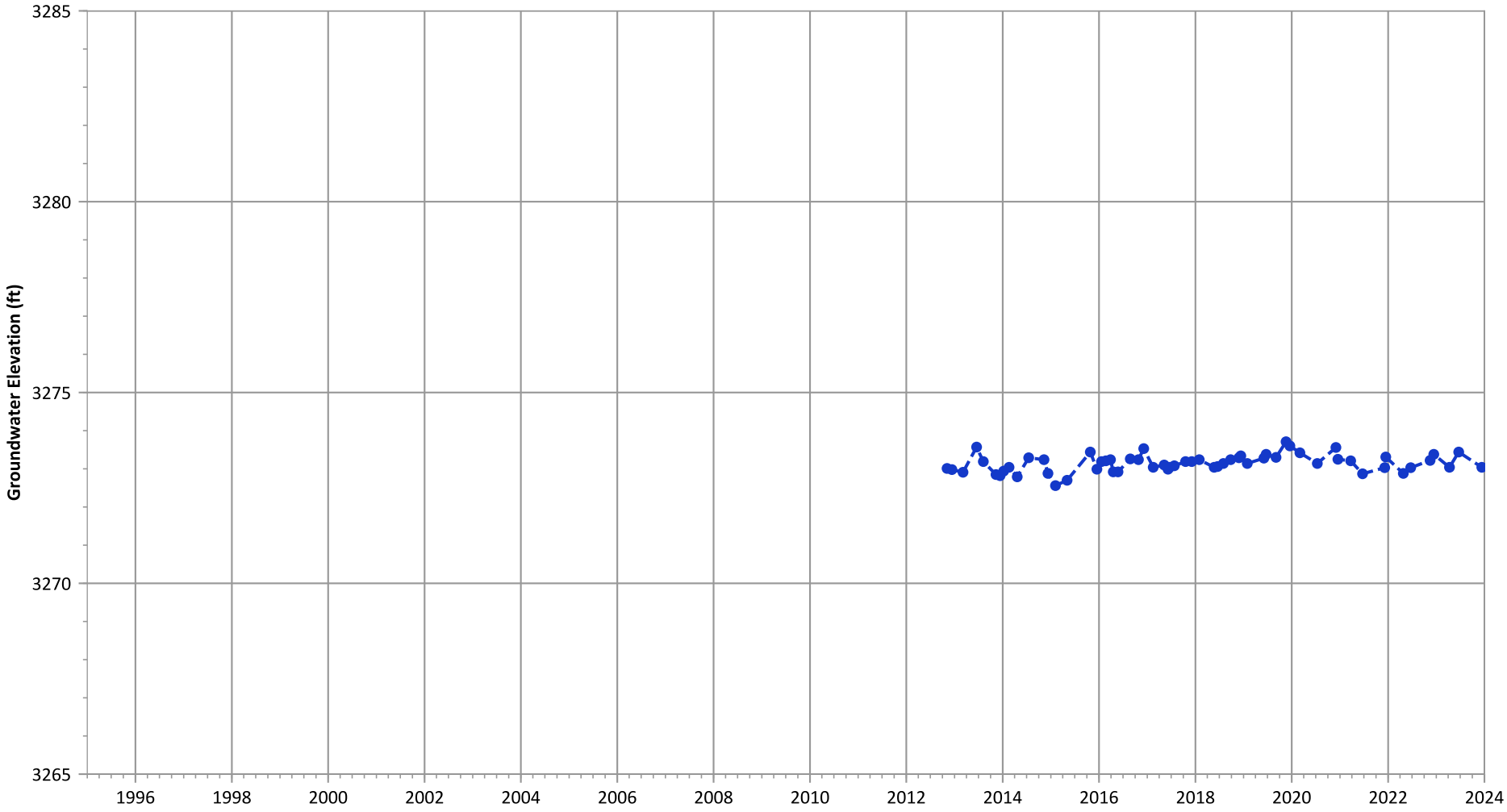
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.1 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.1 ft/yr

PTX06-1230 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

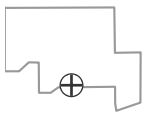


Notes:
1. Top of screen elevation is 3279.57 ft msl.
2. The bottom of screen elevation is 3259.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

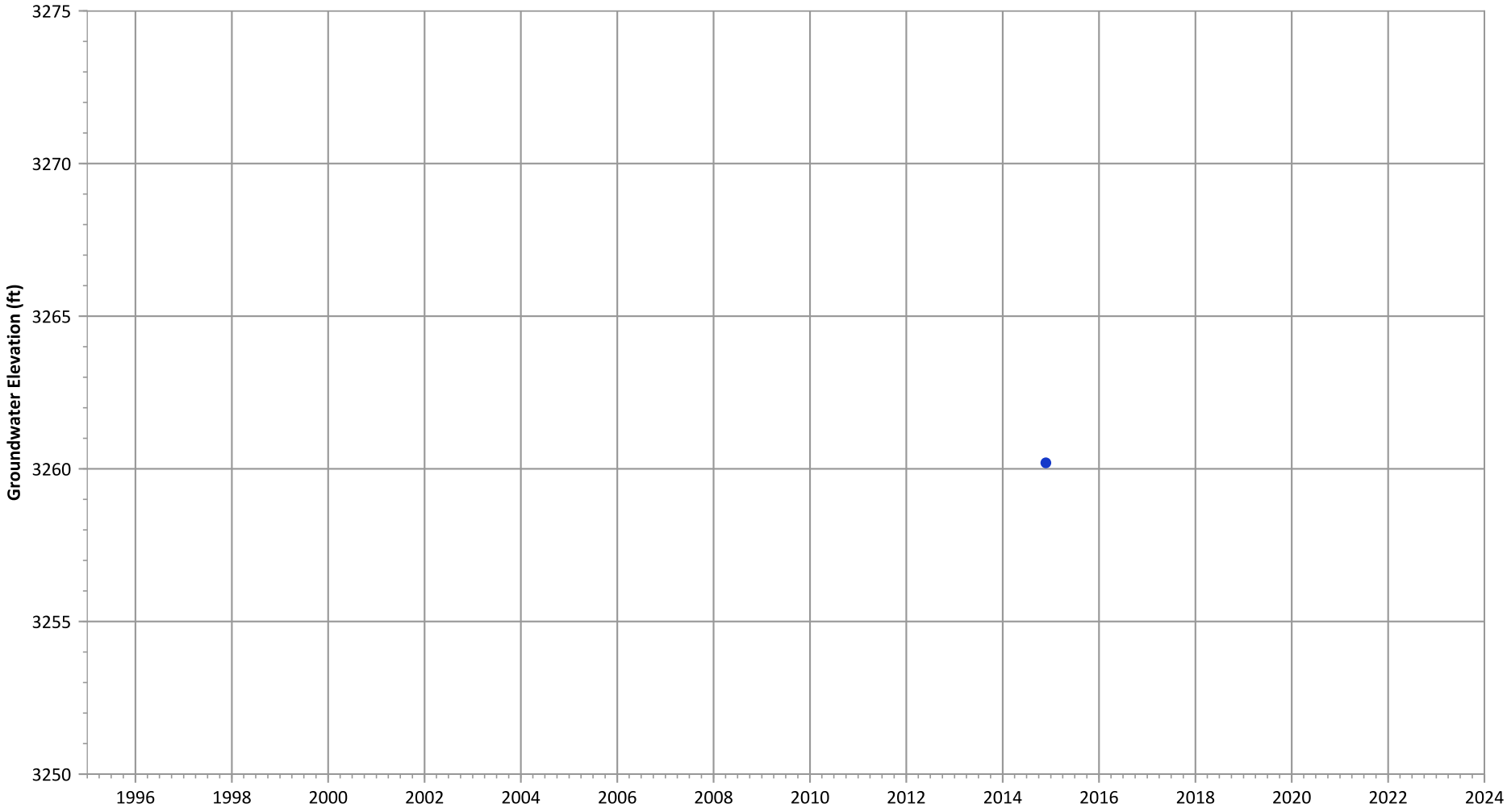
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-EW-26 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

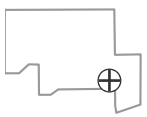


Notes:
1. Top of screen elevation is 3268.82 ft msl.
2. The bottom of screen elevation is 3238.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

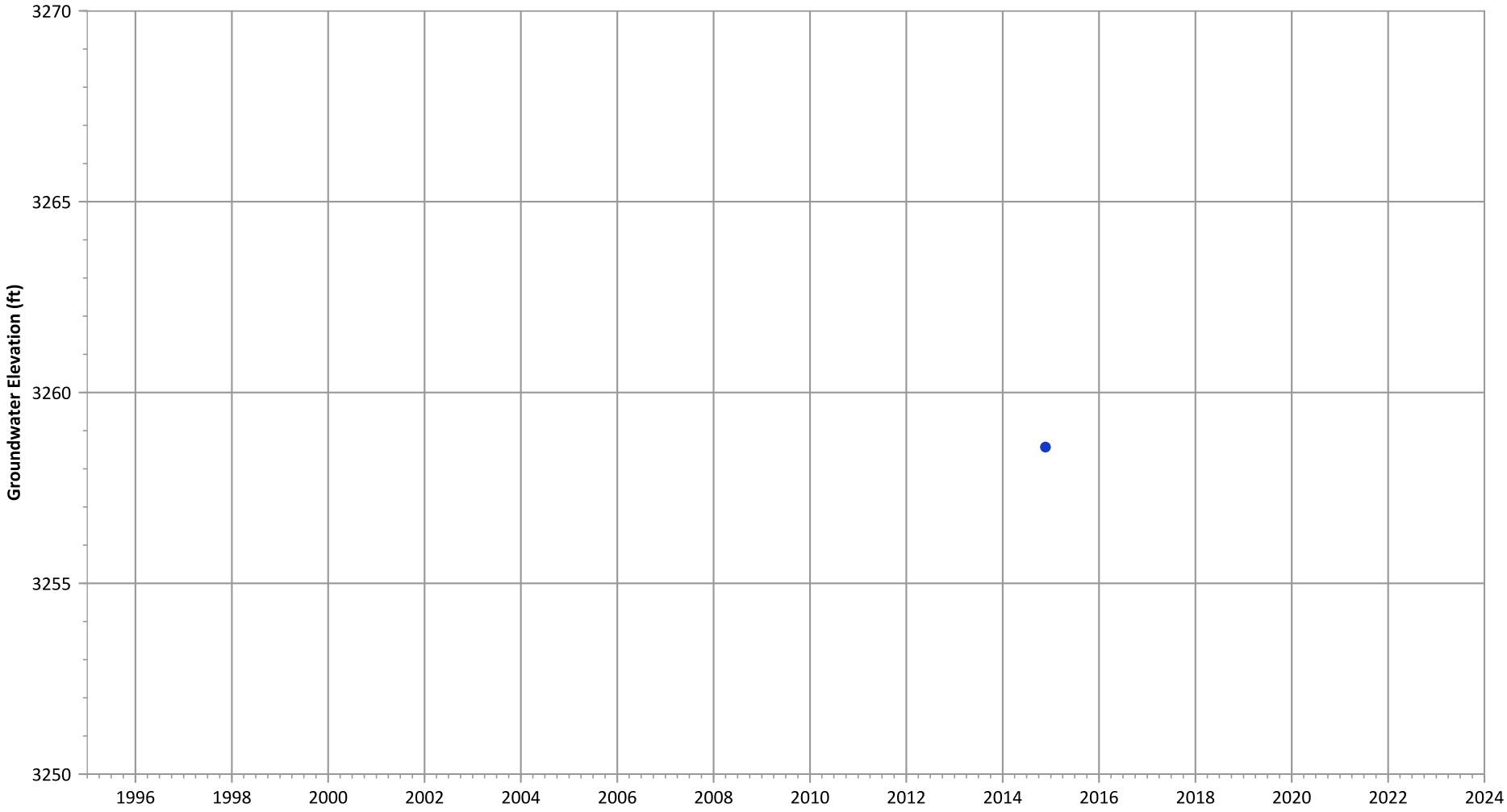
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-36 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

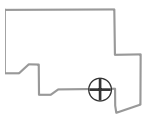


Notes:
1. Top of screen elevation is 3272.62 ft msl.
2. The bottom of screen elevation is 3242.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

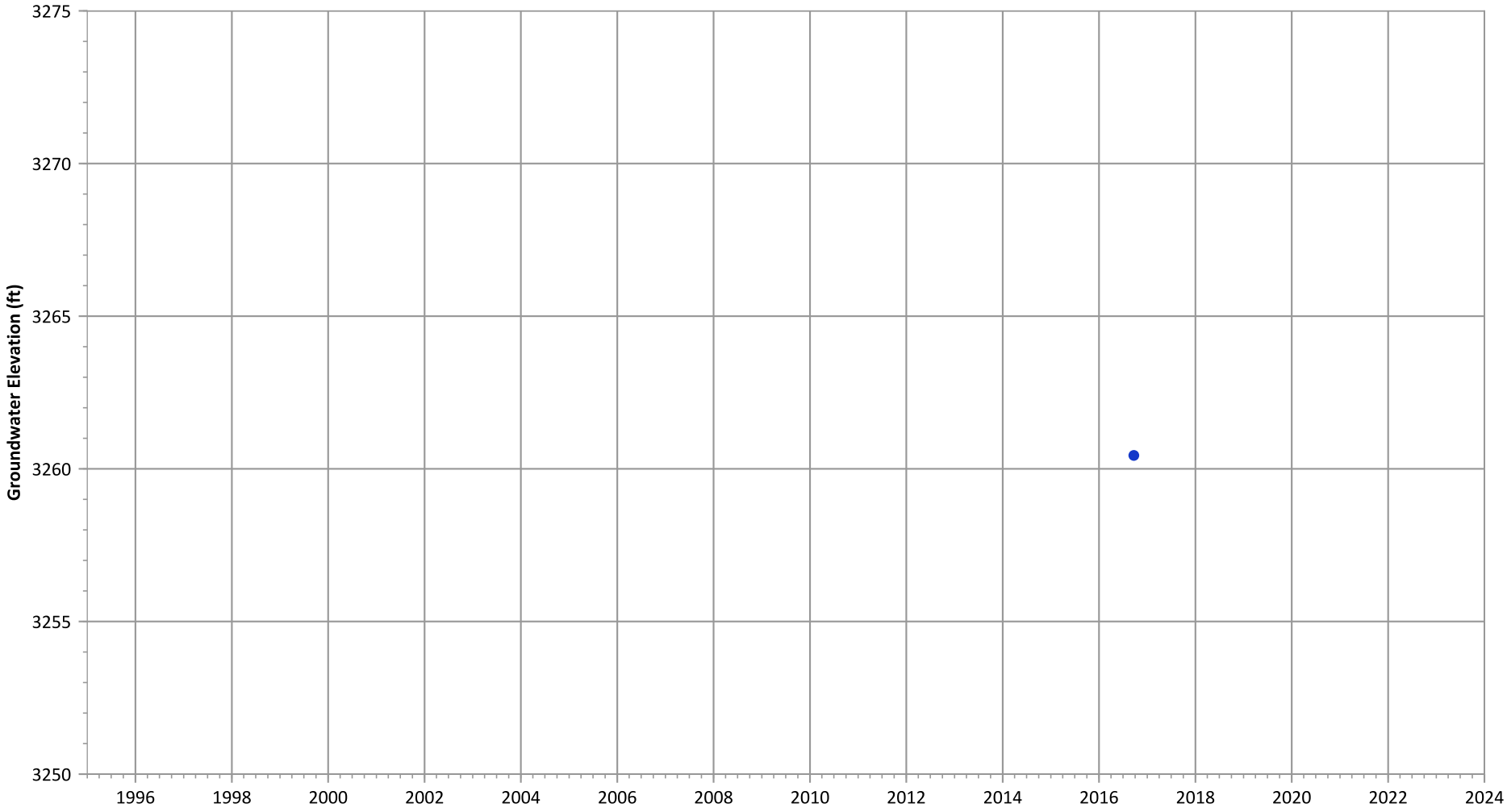
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-39 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

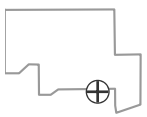


Notes:
1. Top of screen elevation is 3268.45 ft msl.
2. The bottom of screen elevation is 3243.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

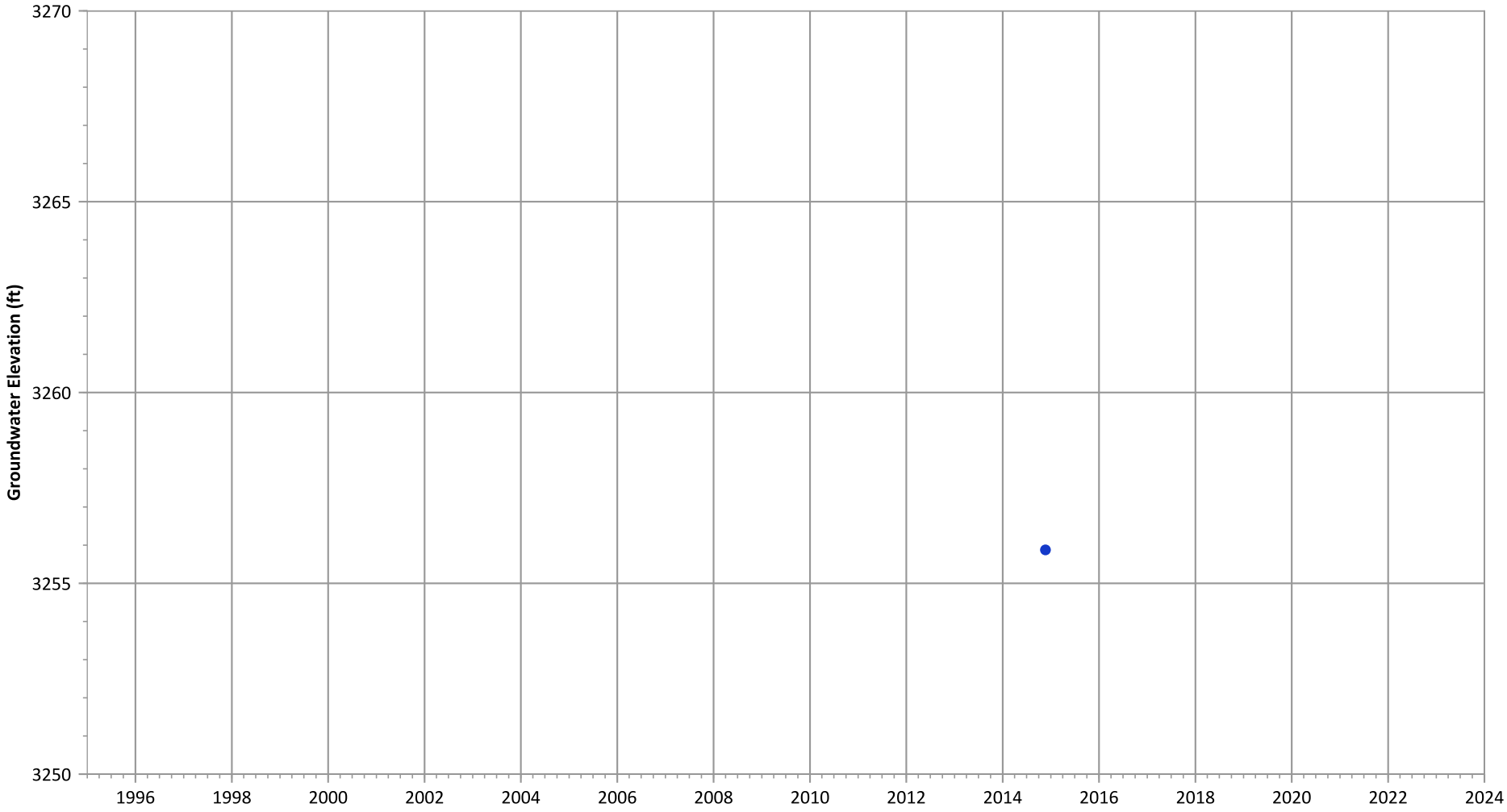
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-49 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

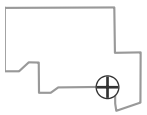


Notes:
1. Top of screen elevation is 3264.76 ft msl.
2. The bottom of screen elevation is 3244.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

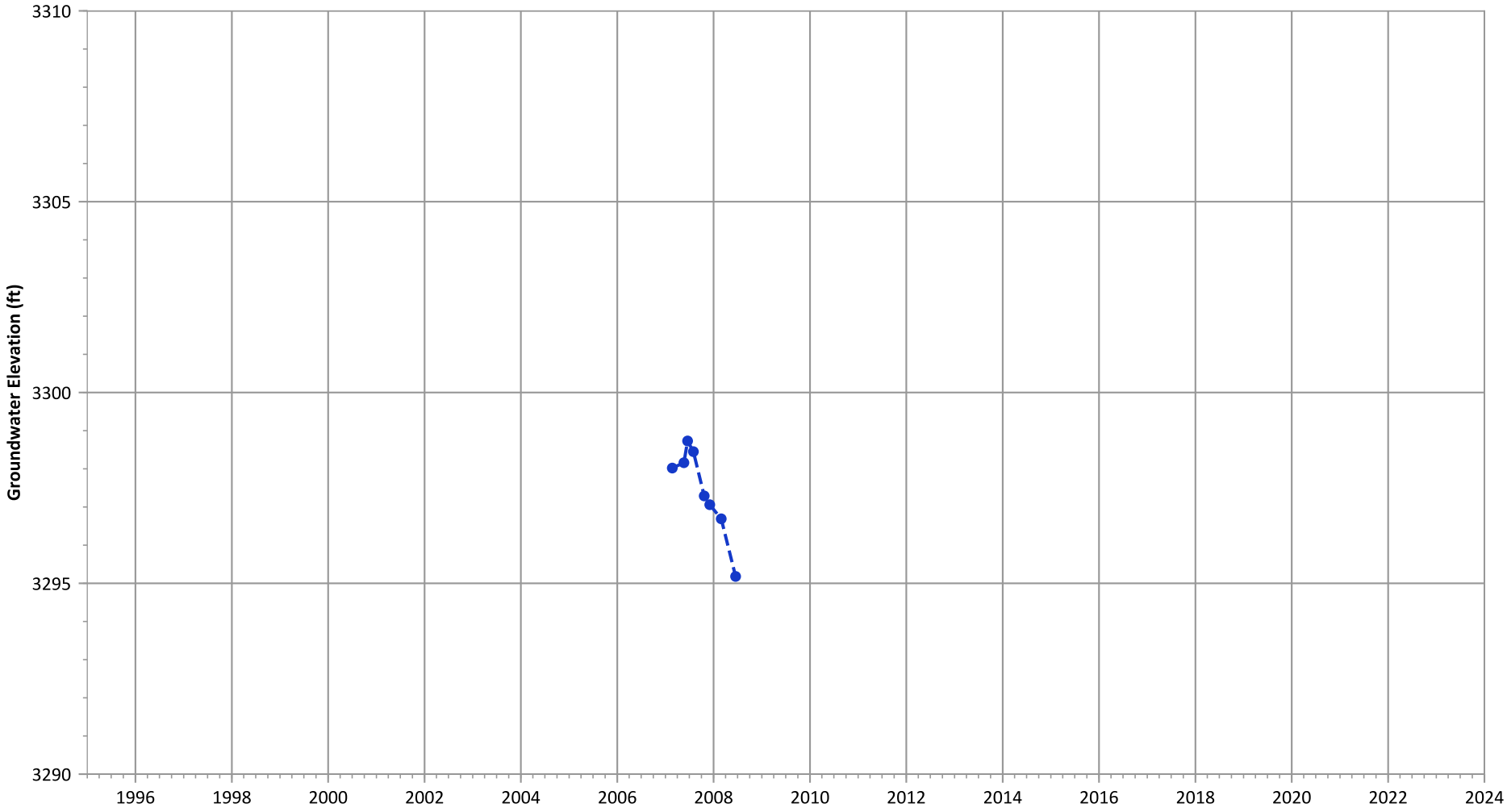
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

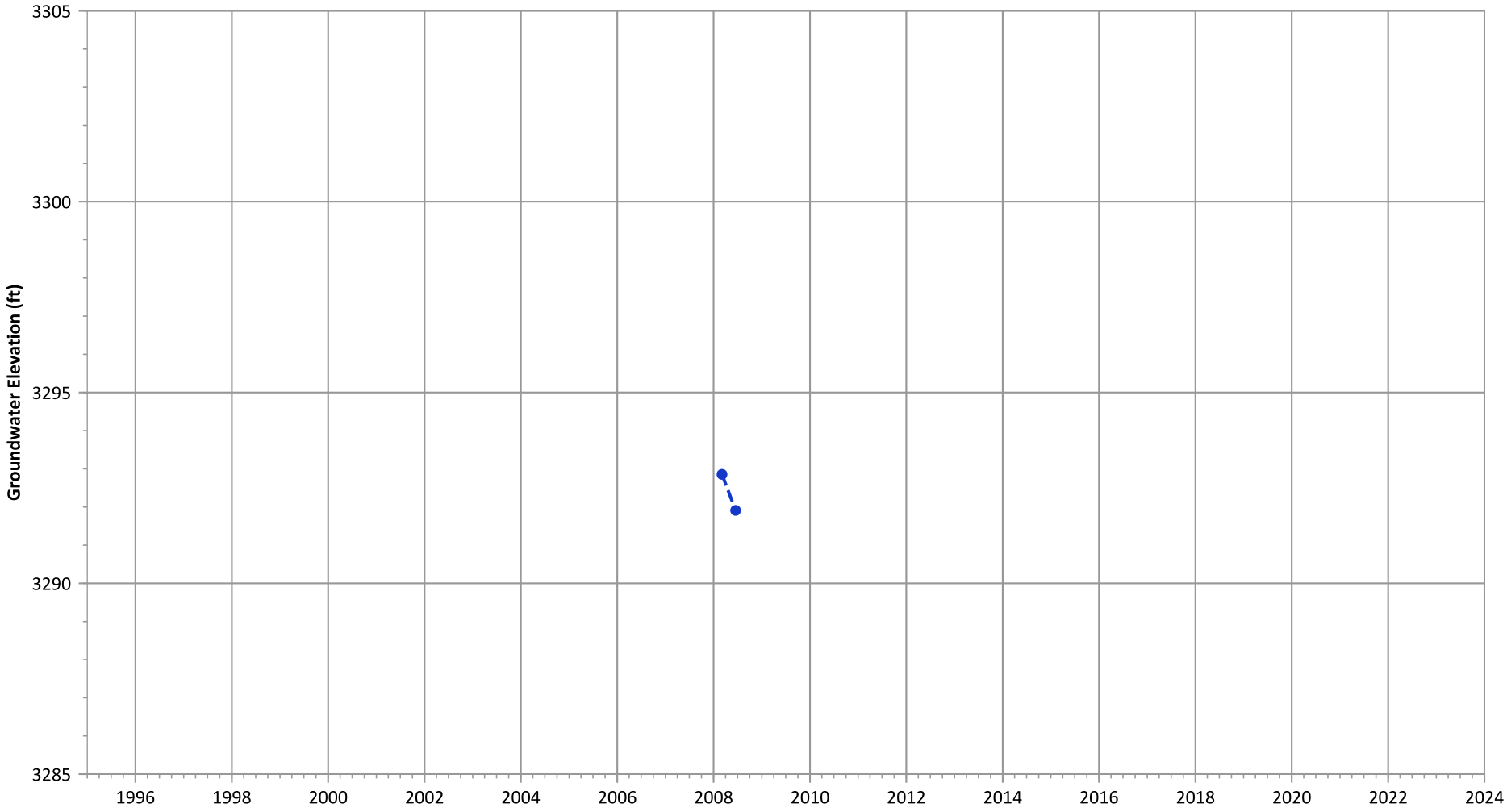
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

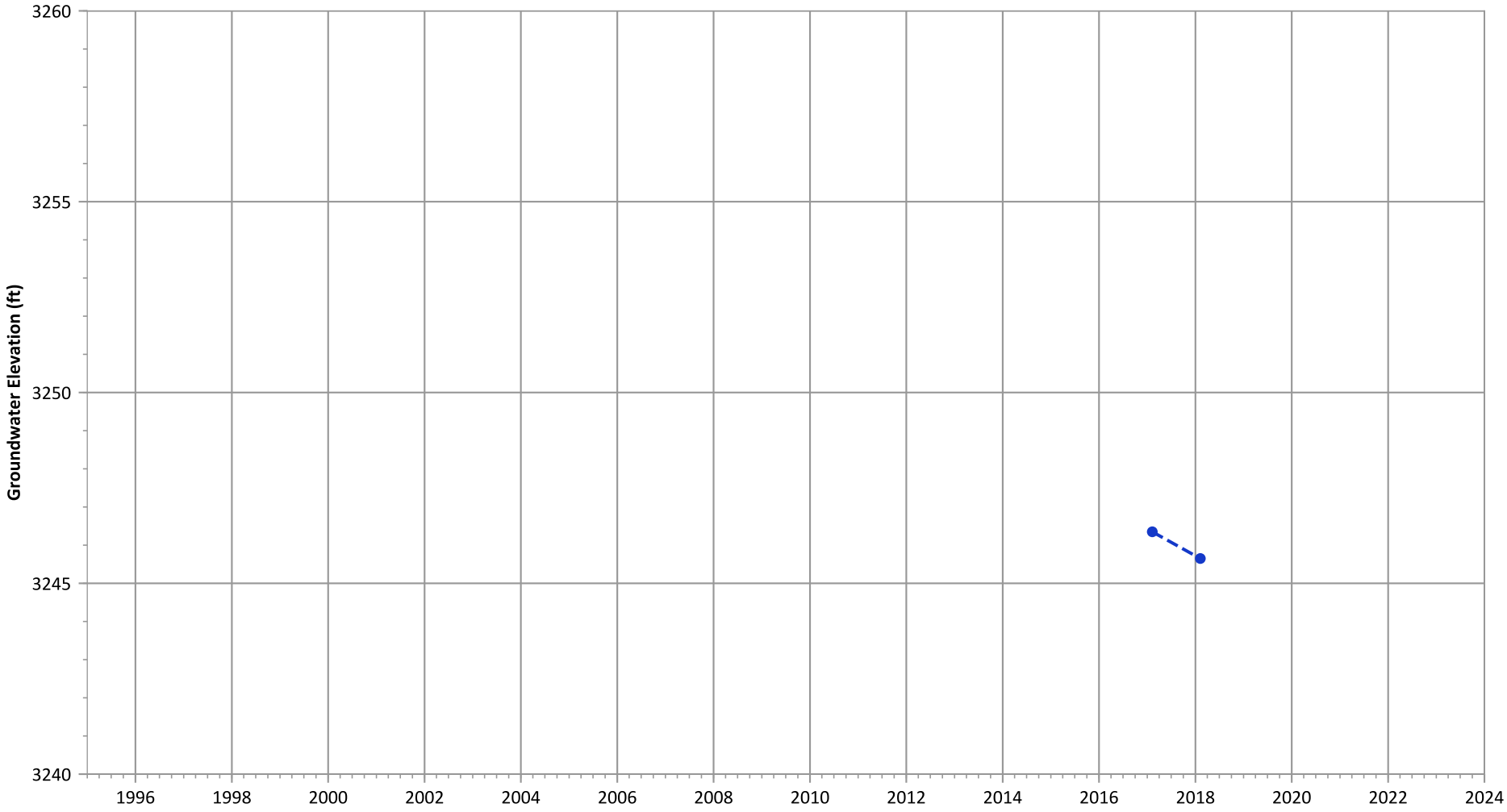
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-83 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

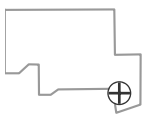


Notes:
1. Top of screen elevation is 3248.32 ft msl.
2. The bottom of screen elevation is 3233.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

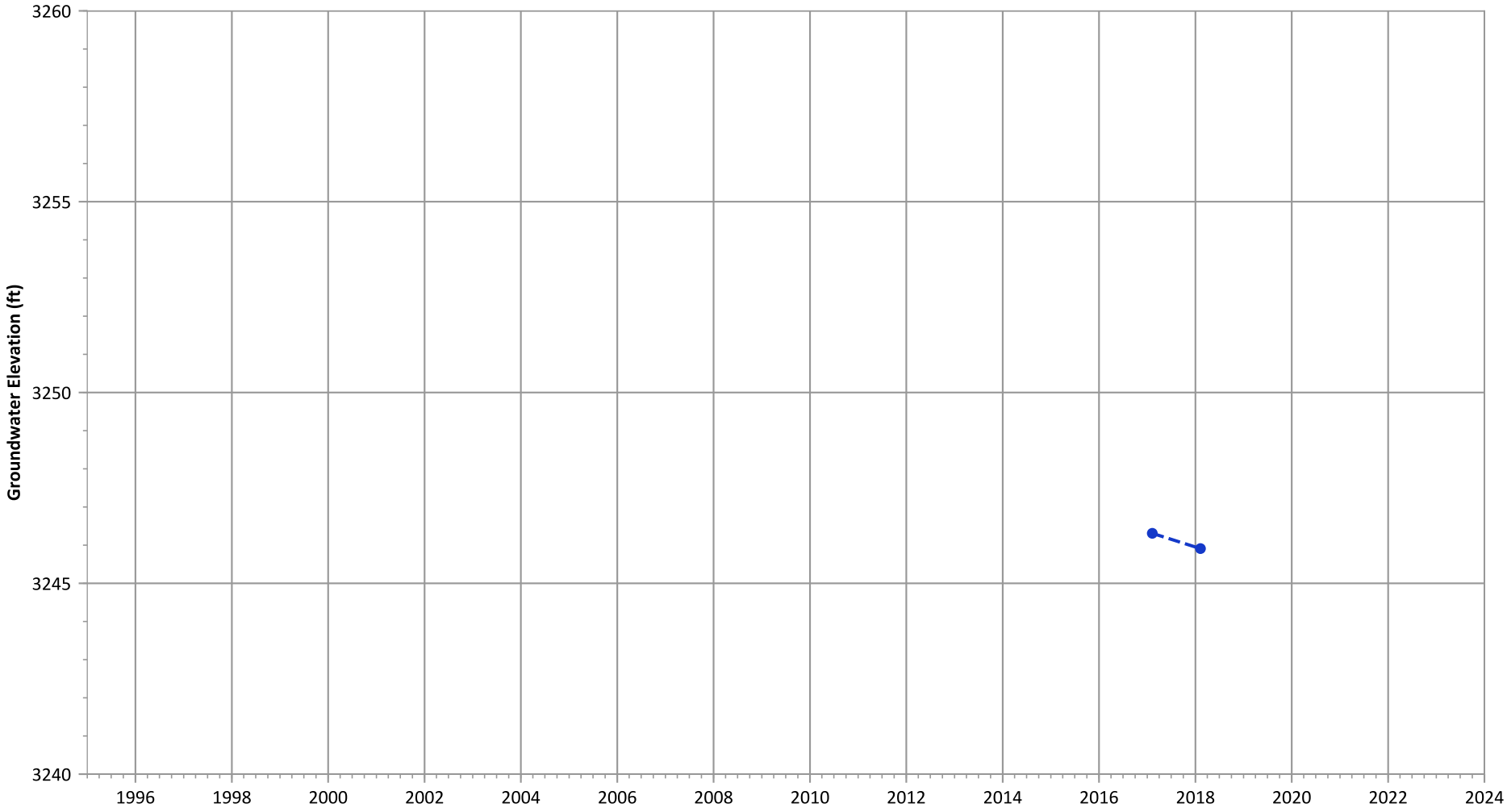
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-EW-84 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

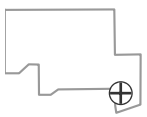


Notes:
1. Top of screen elevation is 3248.18 ft msl.
2. The bottom of screen elevation is 3233.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

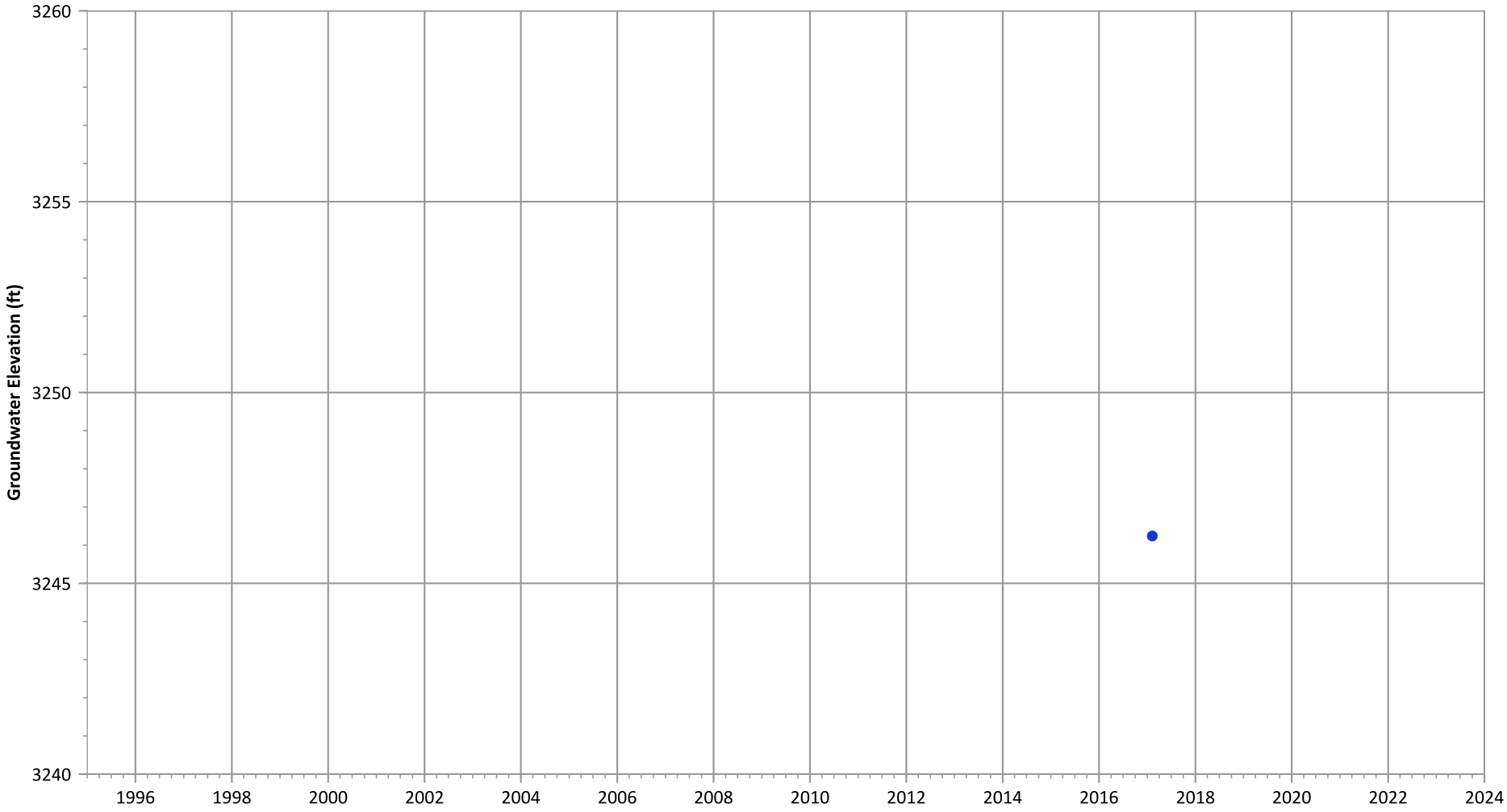
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-EW-85 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

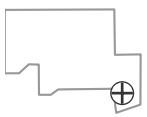


Notes:
1. Top of screen elevation is 3253.95 ft msl.
2. The bottom of screen elevation is 3233.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

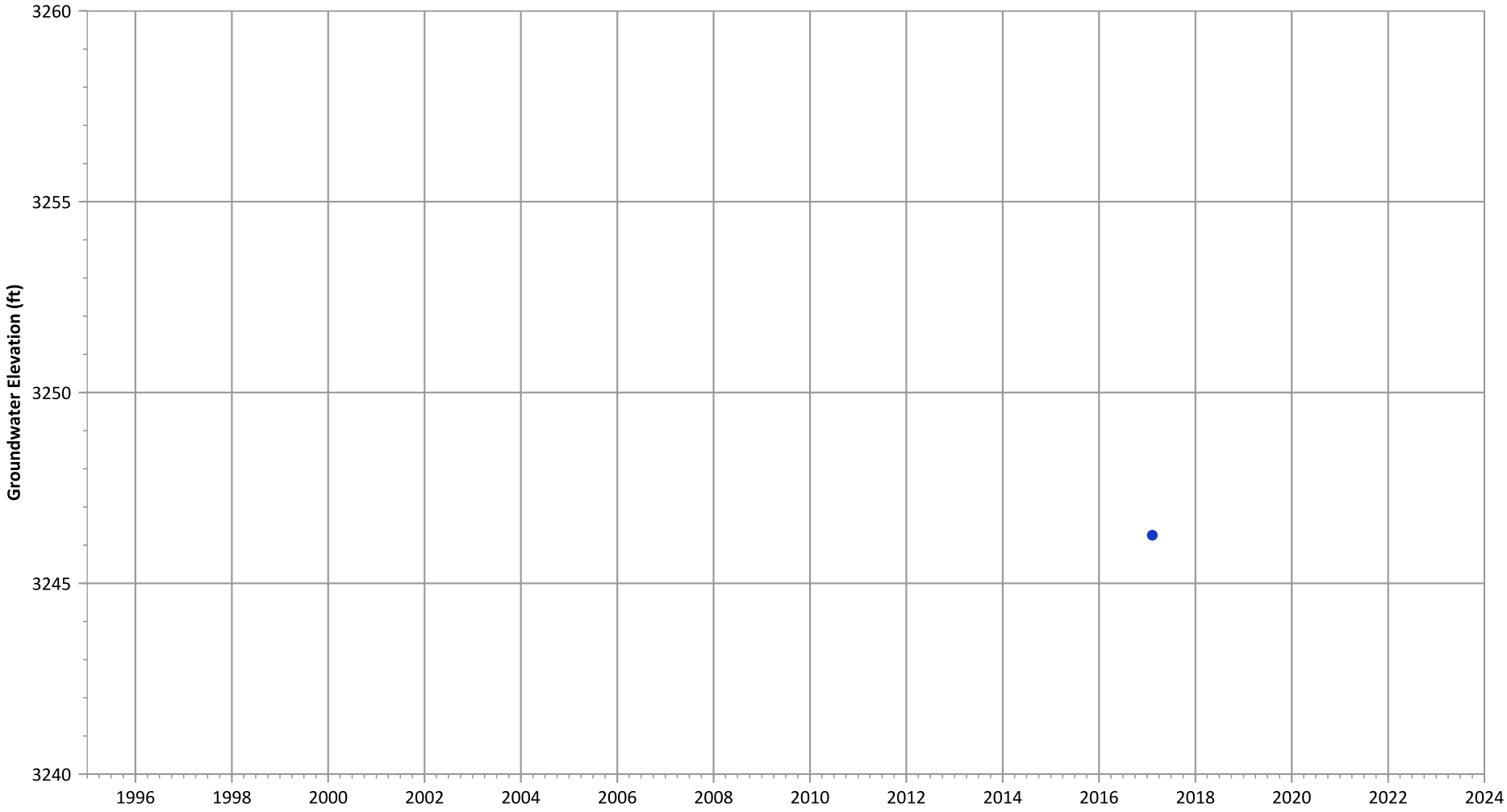
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-86 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

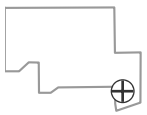


Notes:
1. Top of screen elevation is 3253.71 ft msl.
2. The bottom of screen elevation is 3233.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

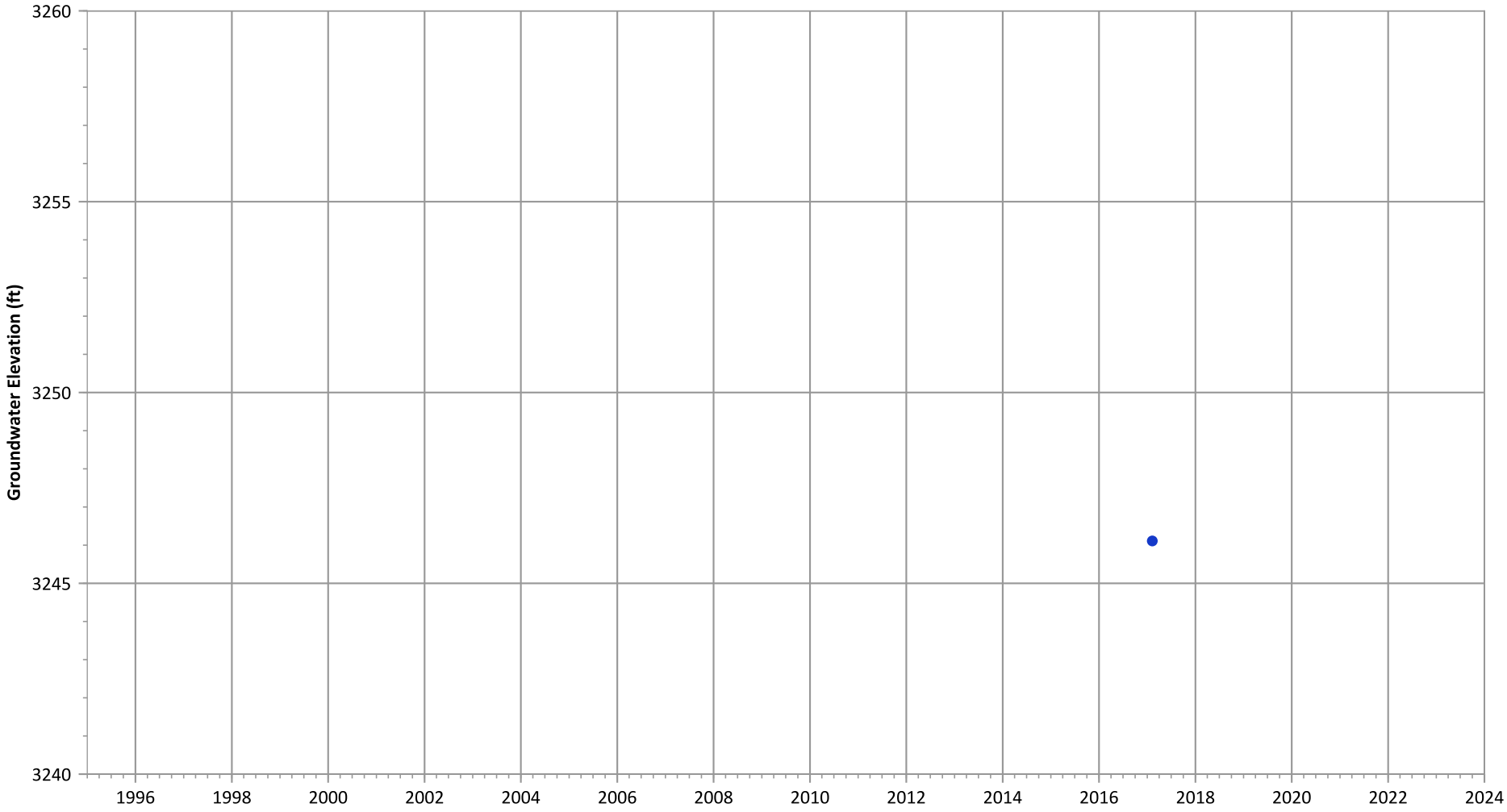
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-87 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

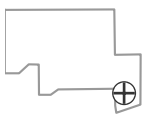


Notes:
1. Top of screen elevation is 3246.71 ft msl.
2. The bottom of screen elevation is 3231.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

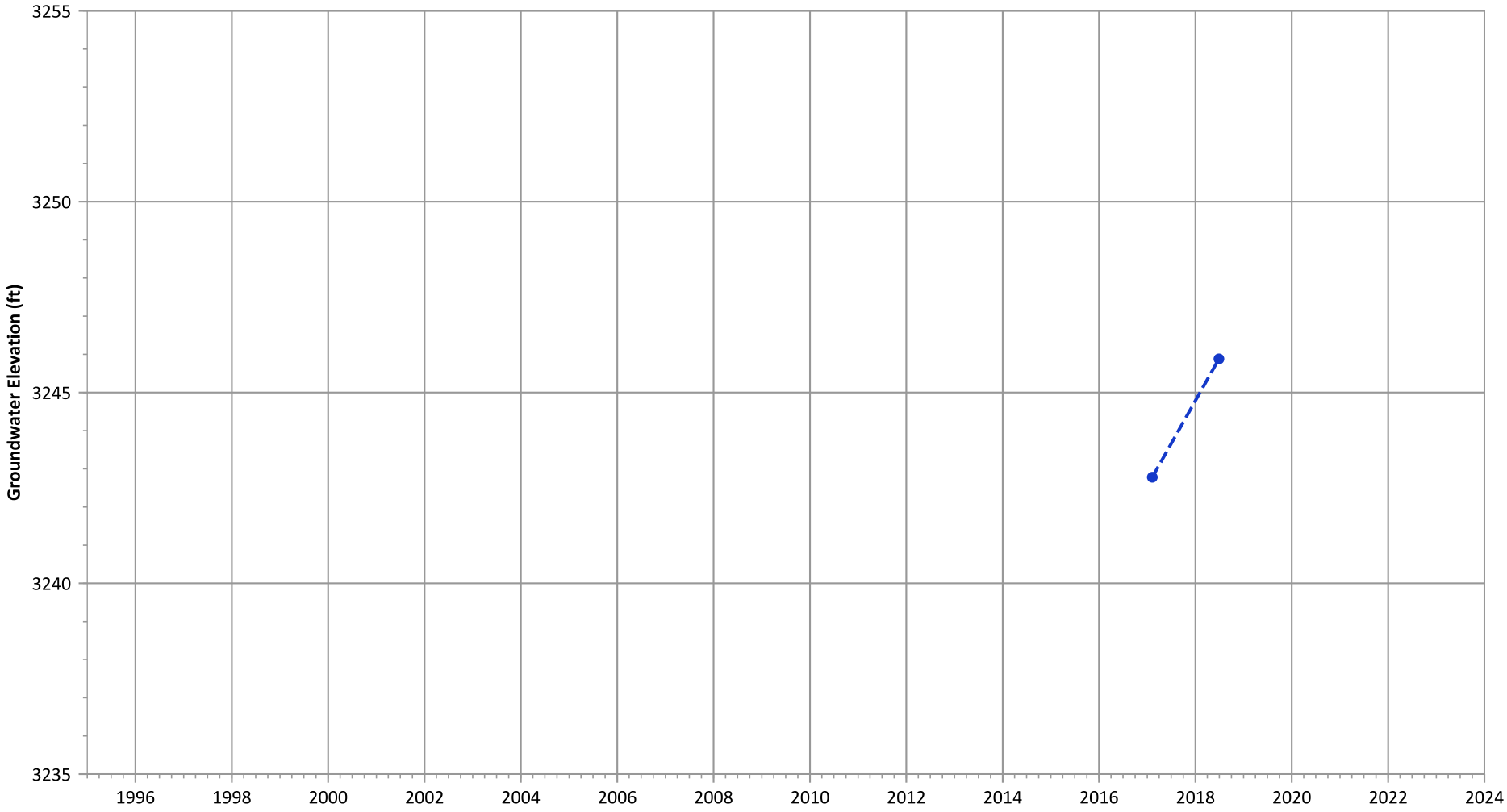
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-EW-88 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

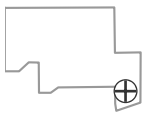


Notes:
1. Top of screen elevation is 3246.46 ft msl.
2. The bottom of screen elevation is 3231.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

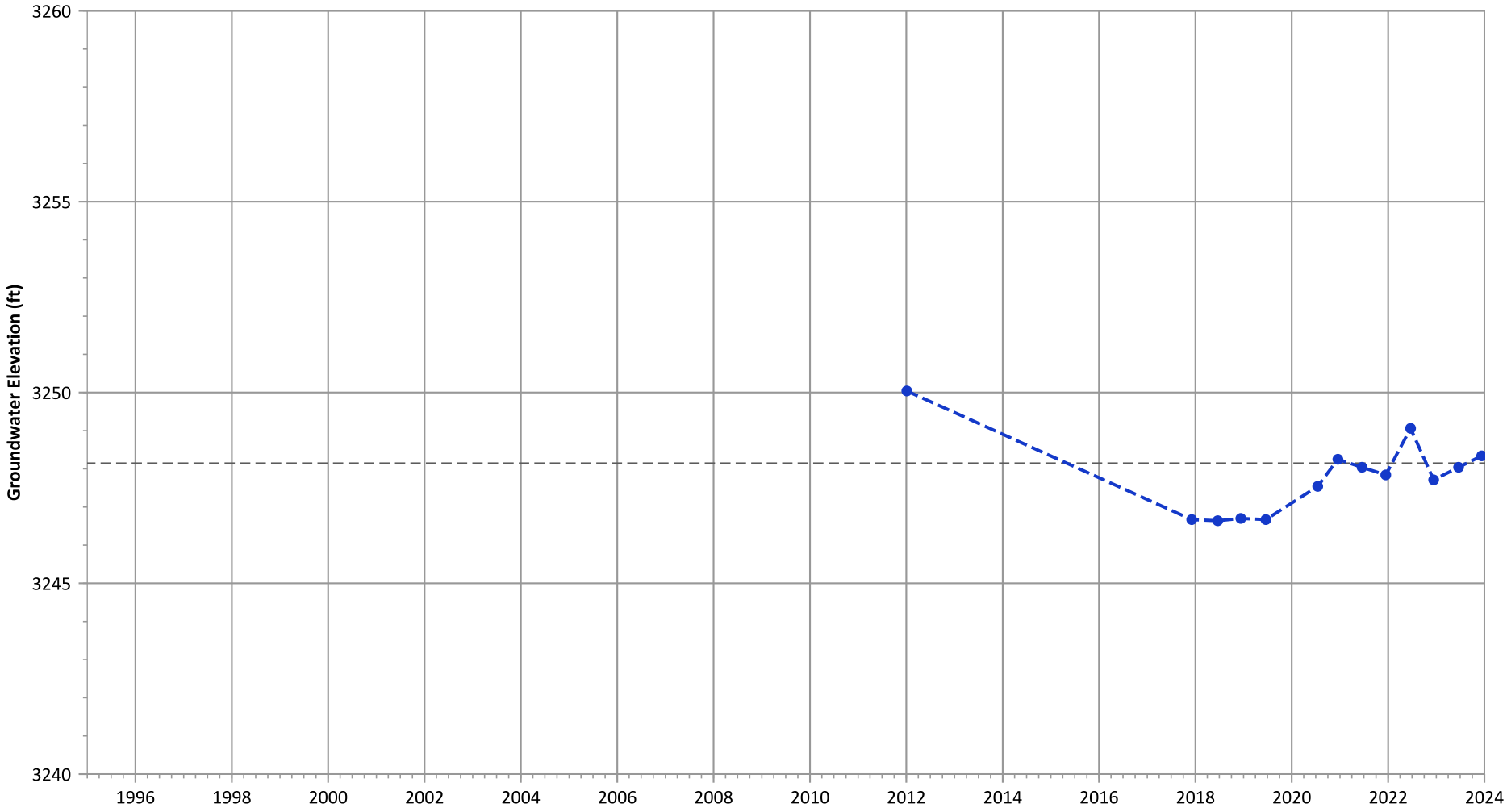
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 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.

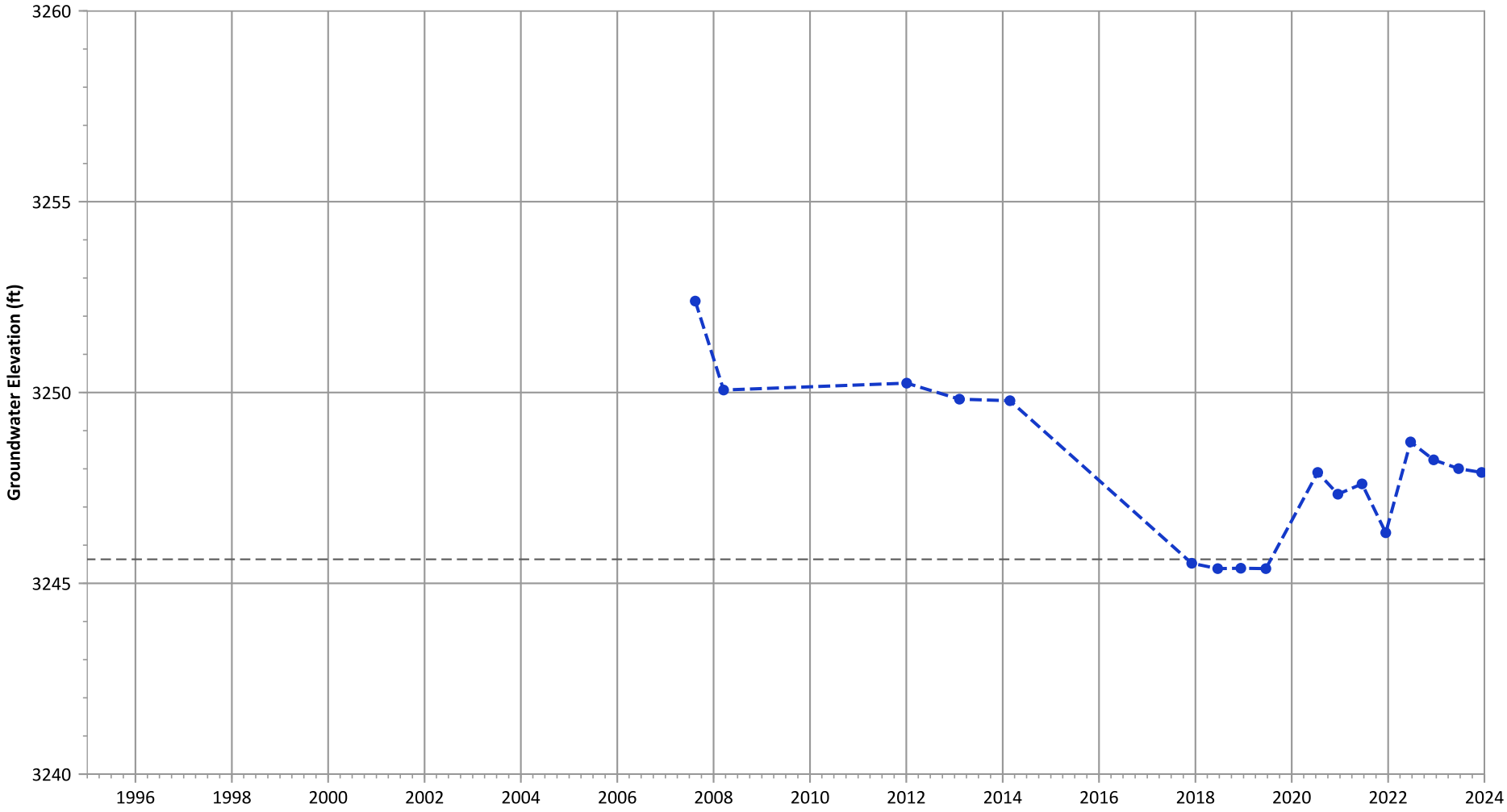
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.36 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

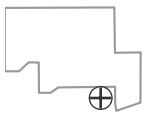


Notes:
1. Top of screen elevation is 3255.63 ft msl.
2. The bottom of screen elevation is 3245.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

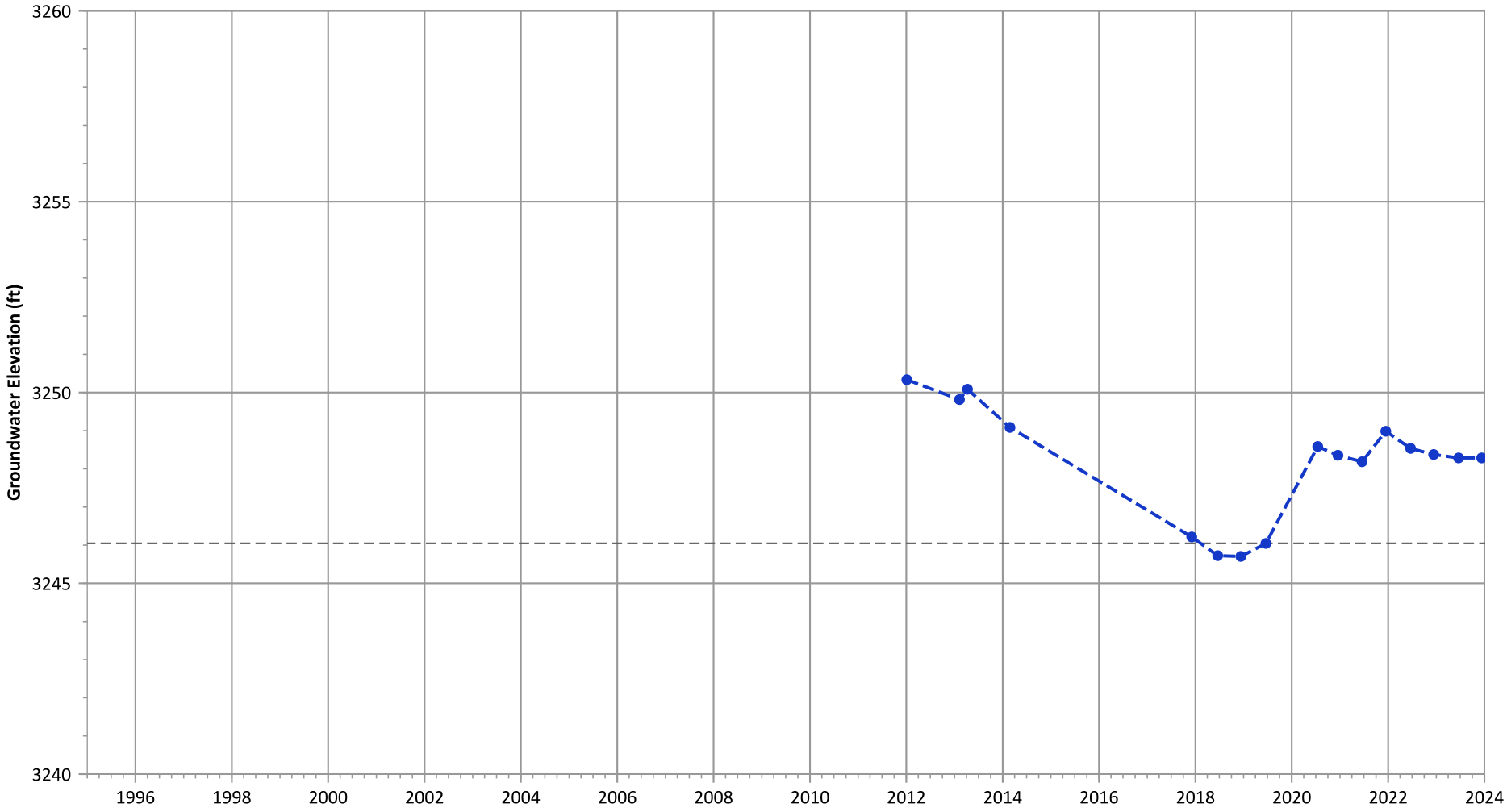
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.53 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

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.

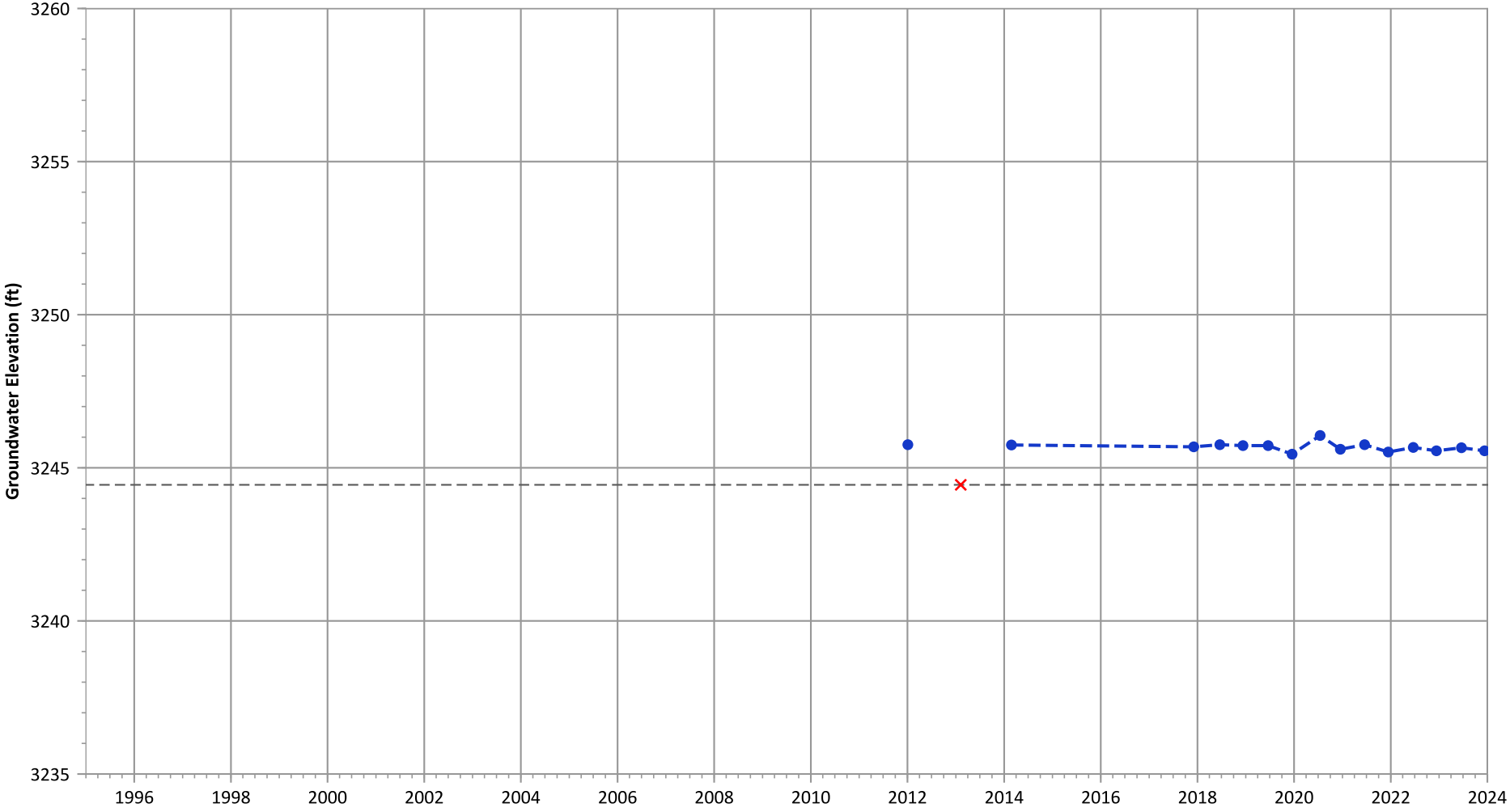
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.13 ft/yr

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.

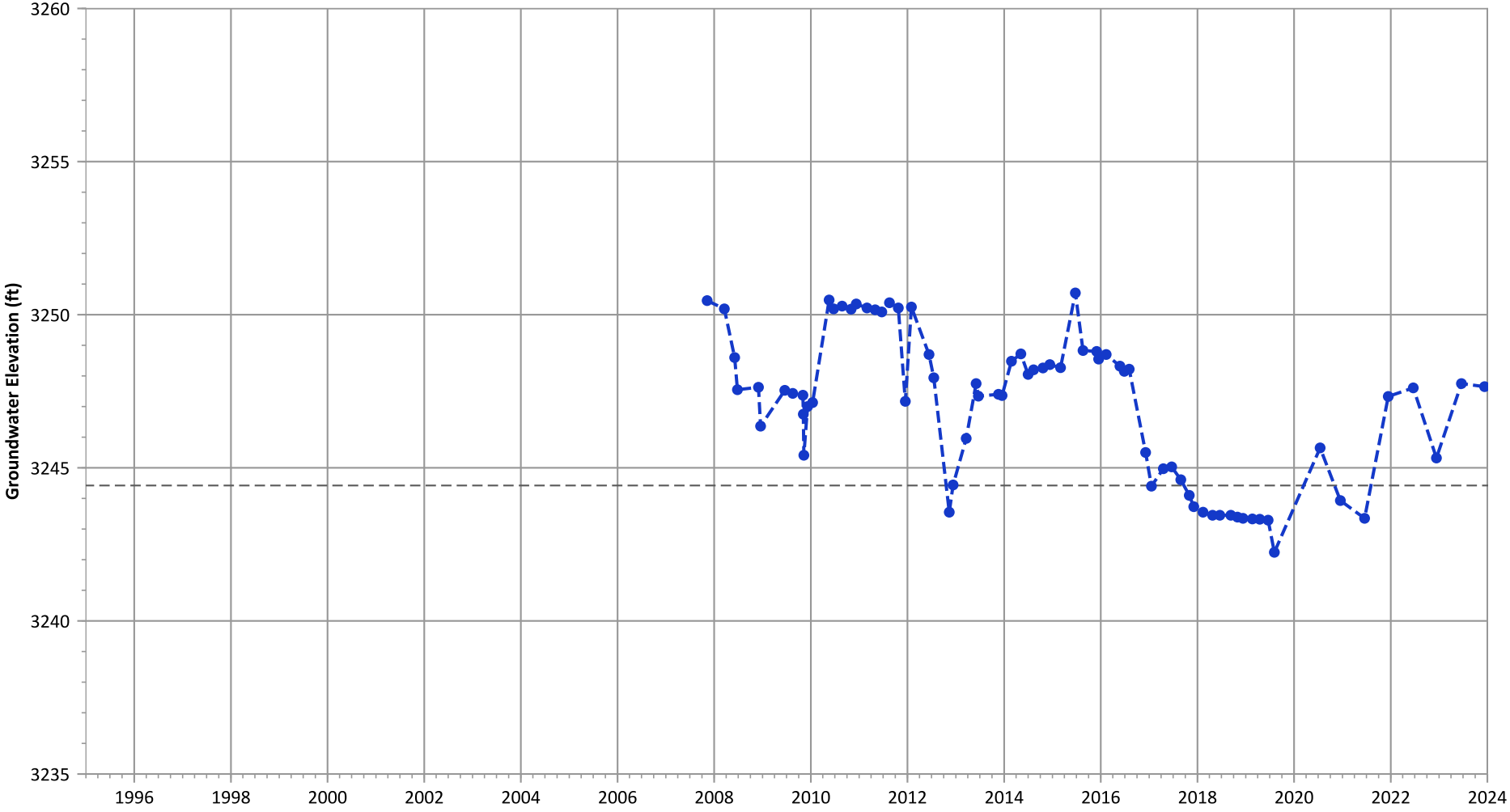
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

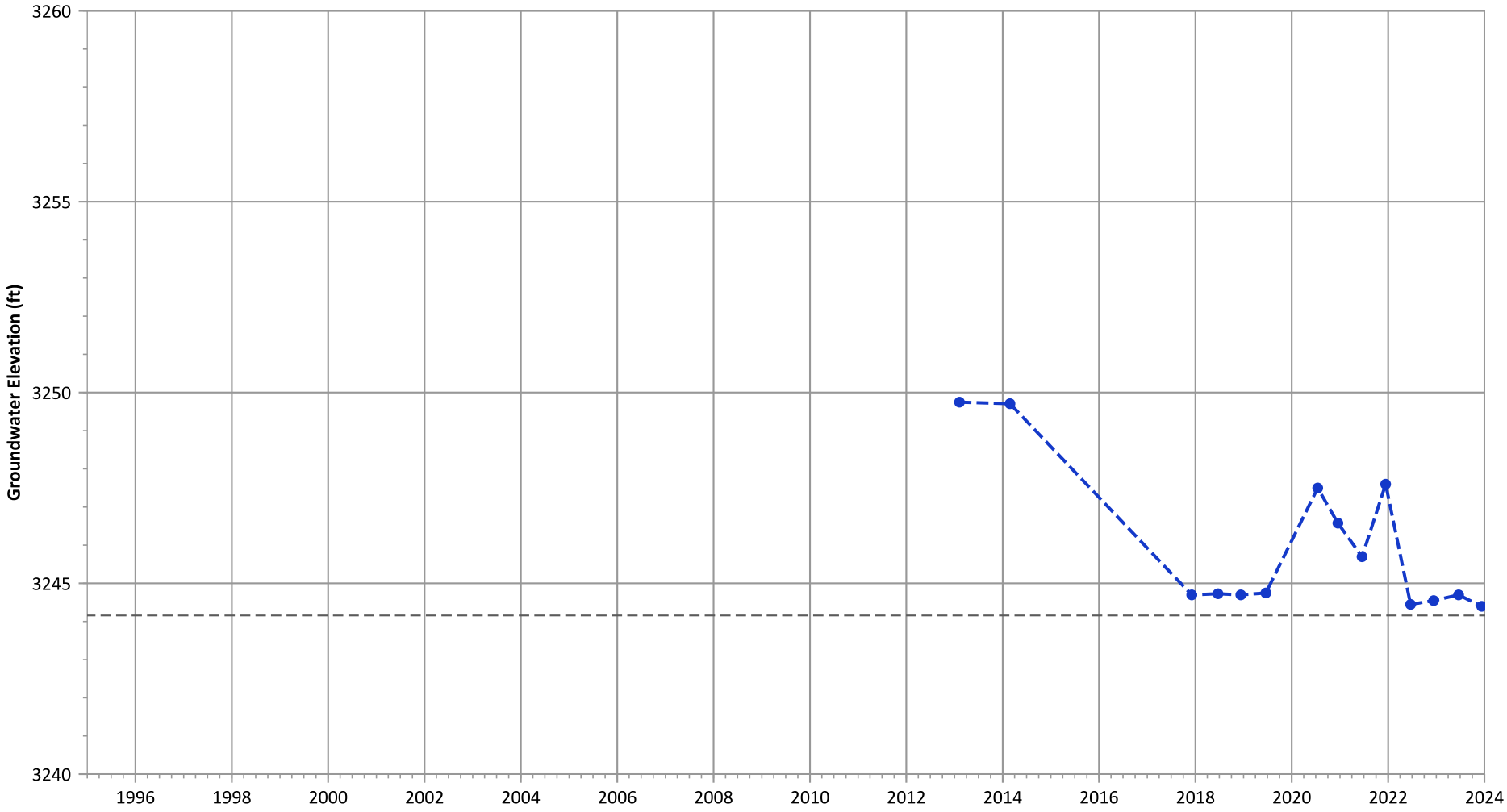
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.54 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.35 ft/yr

PTX06-ISB015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

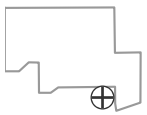


Notes:
1. Top of screen elevation is 3254.16 ft msl.
2. The bottom of screen elevation is 3244.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

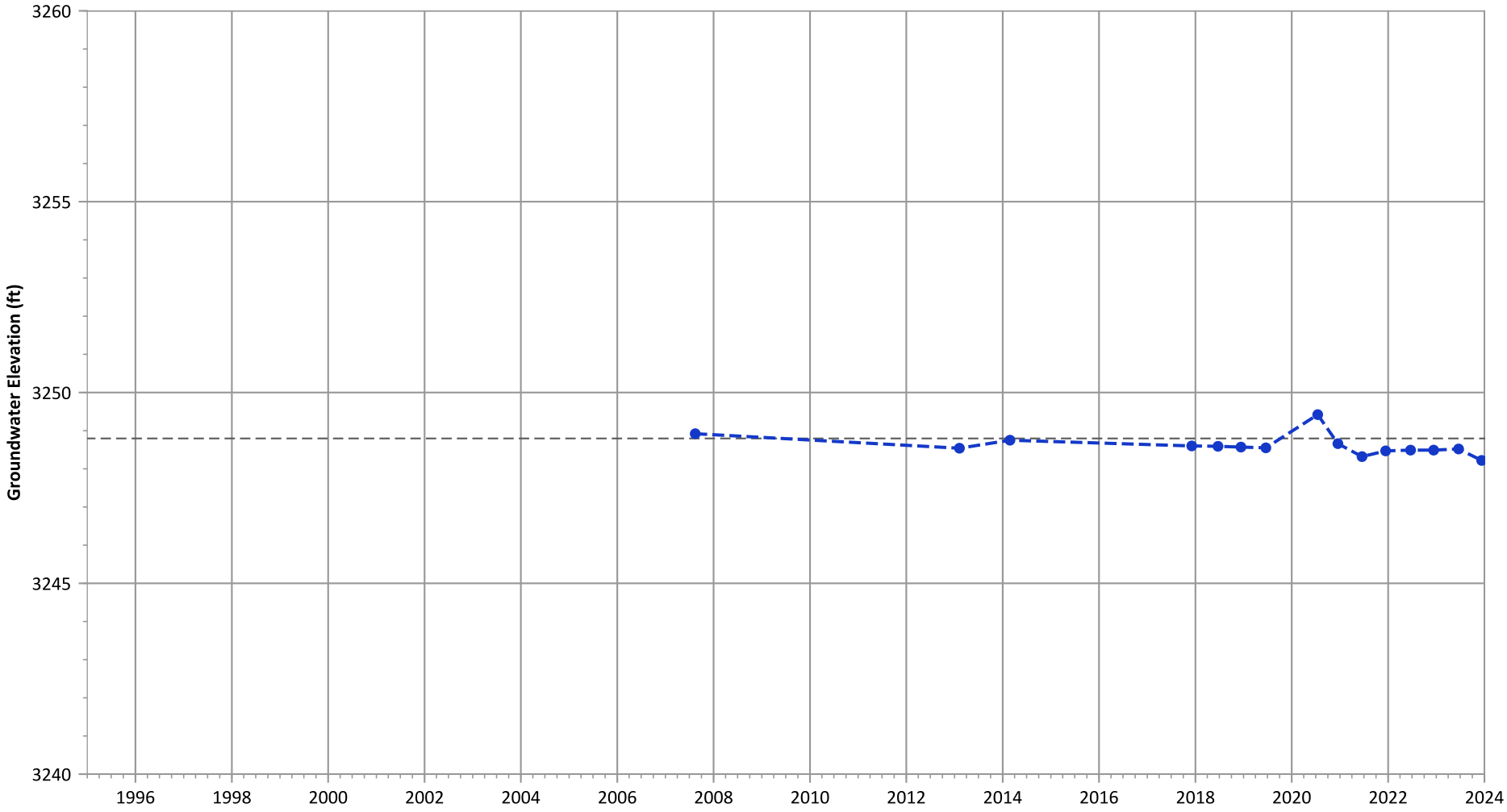
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.4 ft/yr

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 3248.8 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.

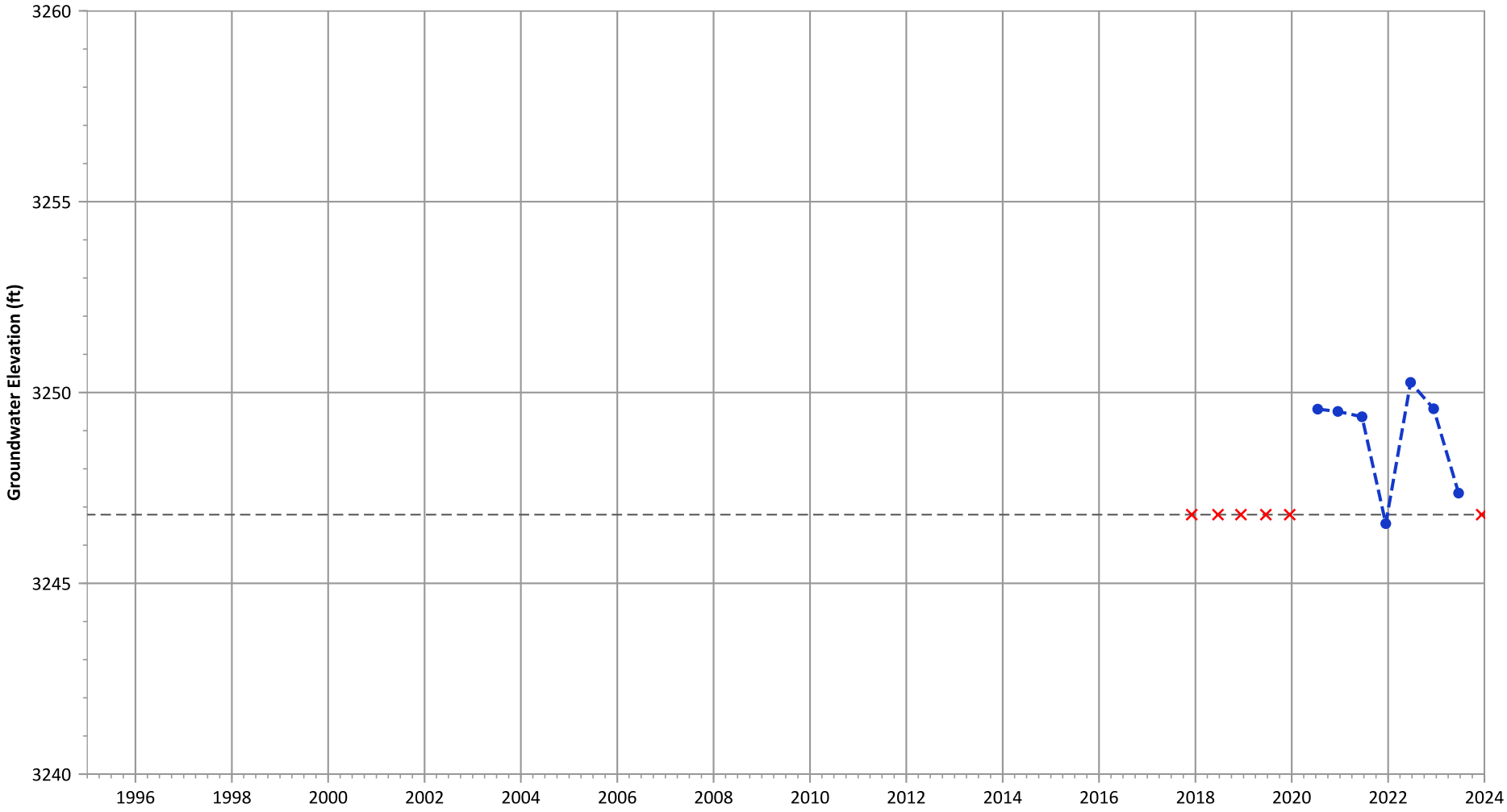
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB017 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

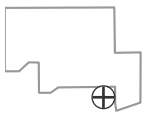


Notes:
1. Top of screen elevation is 3256.8 ft msl.
2. The bottom of screen elevation is 3246.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

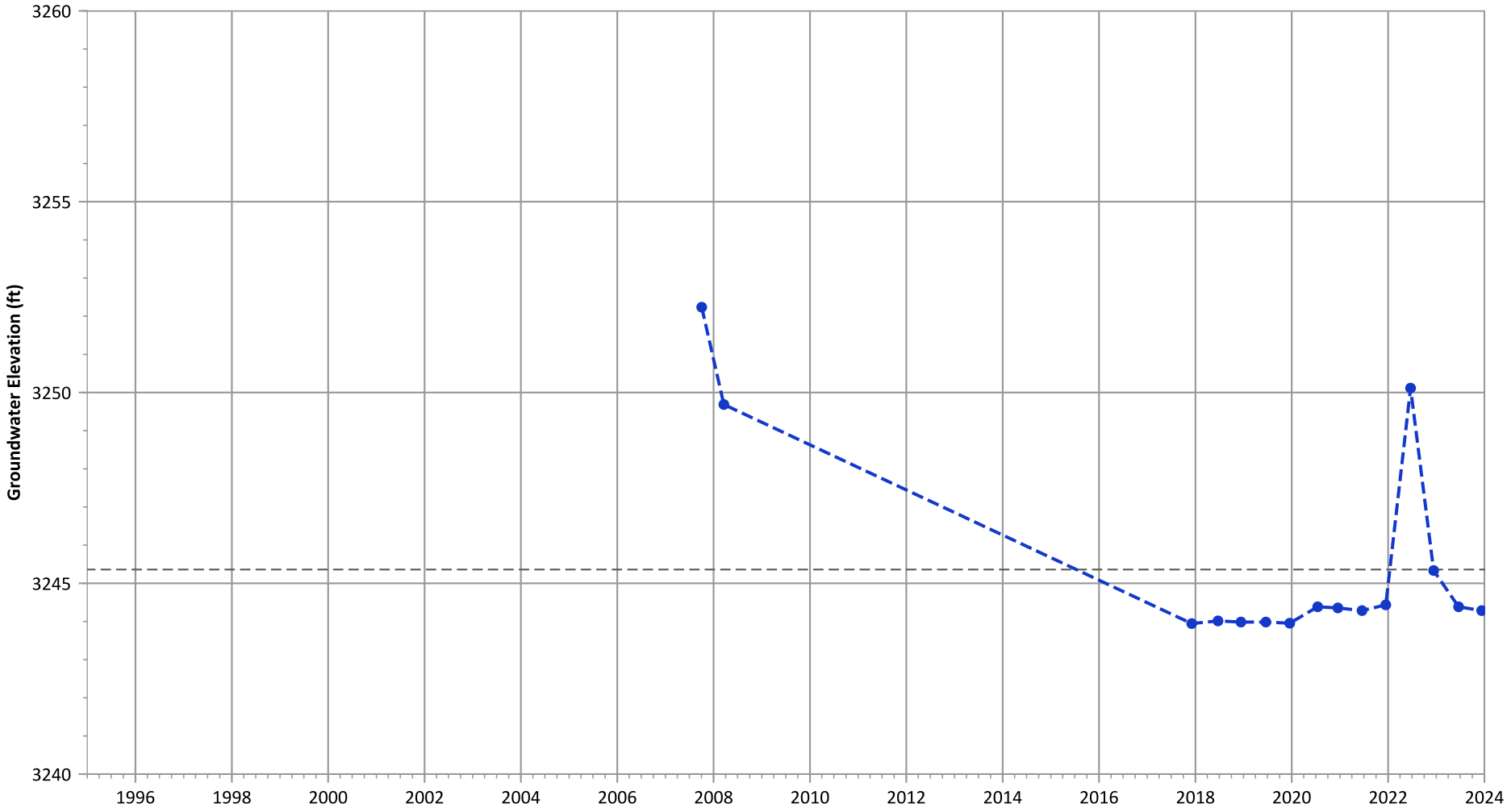
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.93 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.4 ft/yr

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.

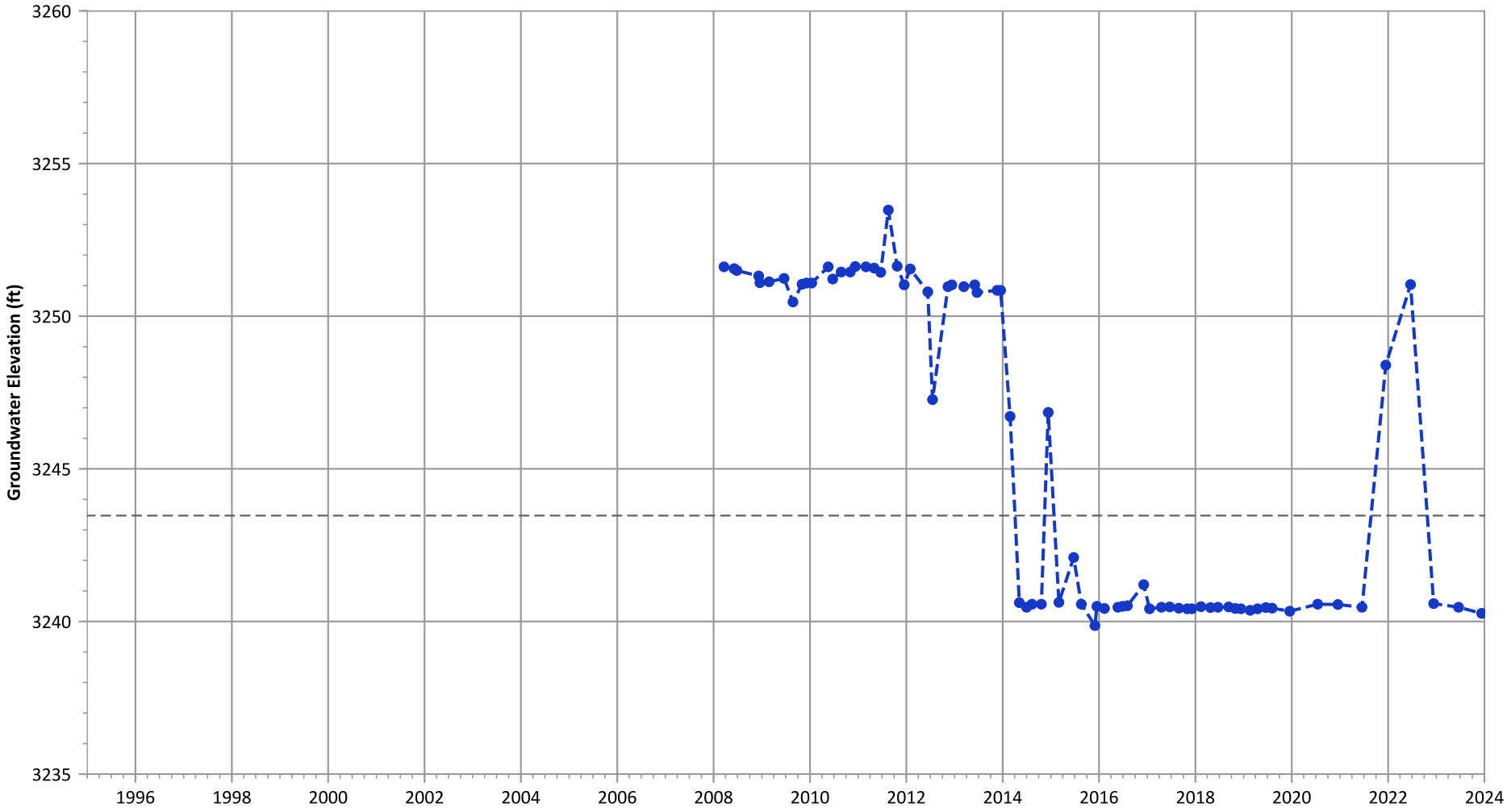
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.72 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.31 ft/yr

PTX06-ISB019 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

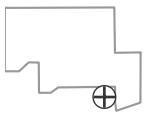


Notes:
1. Top of screen elevation is 3253.47 ft msl.
2. The bottom of screen elevation is 3243.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

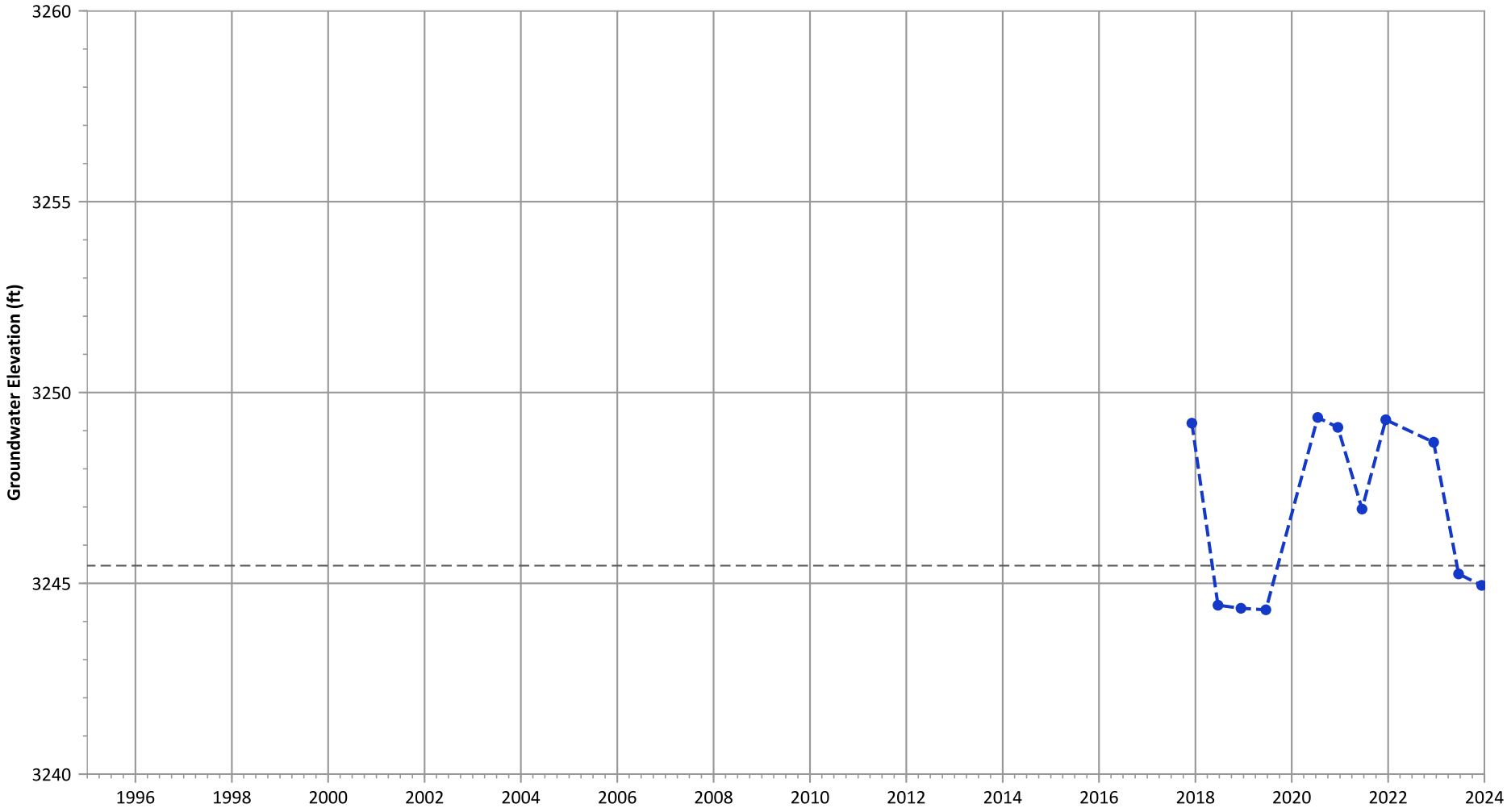
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 6.52 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.0 ft/yr

PTX06-ISB020 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3255.46 ft msl.
2. The bottom of screen elevation is 3245.46 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.

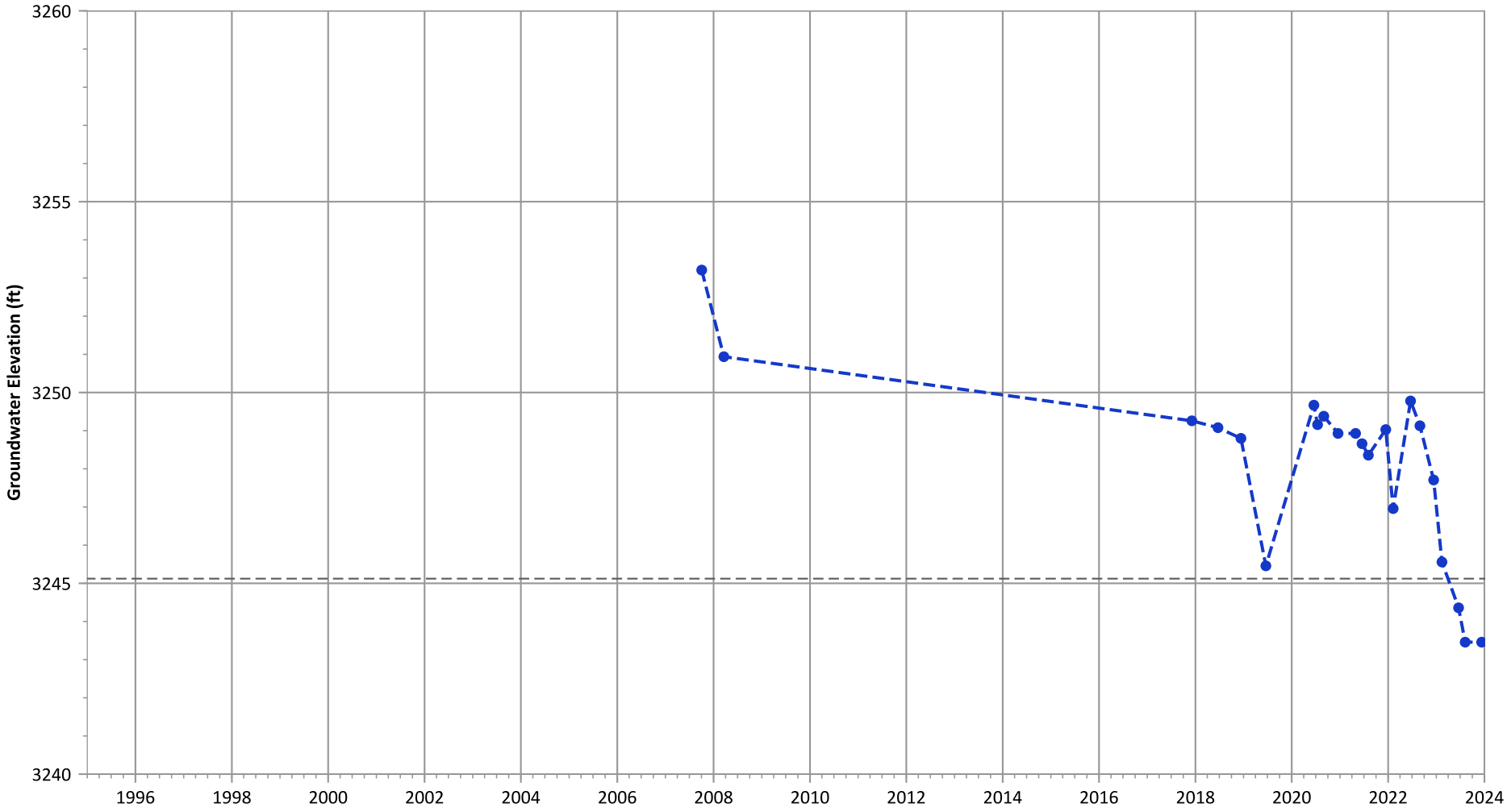
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.8 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB021 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

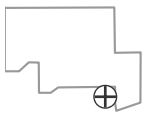


Notes:
1. Top of screen elevation is 3255.12 ft msl.
2. The bottom of screen elevation is 3245.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

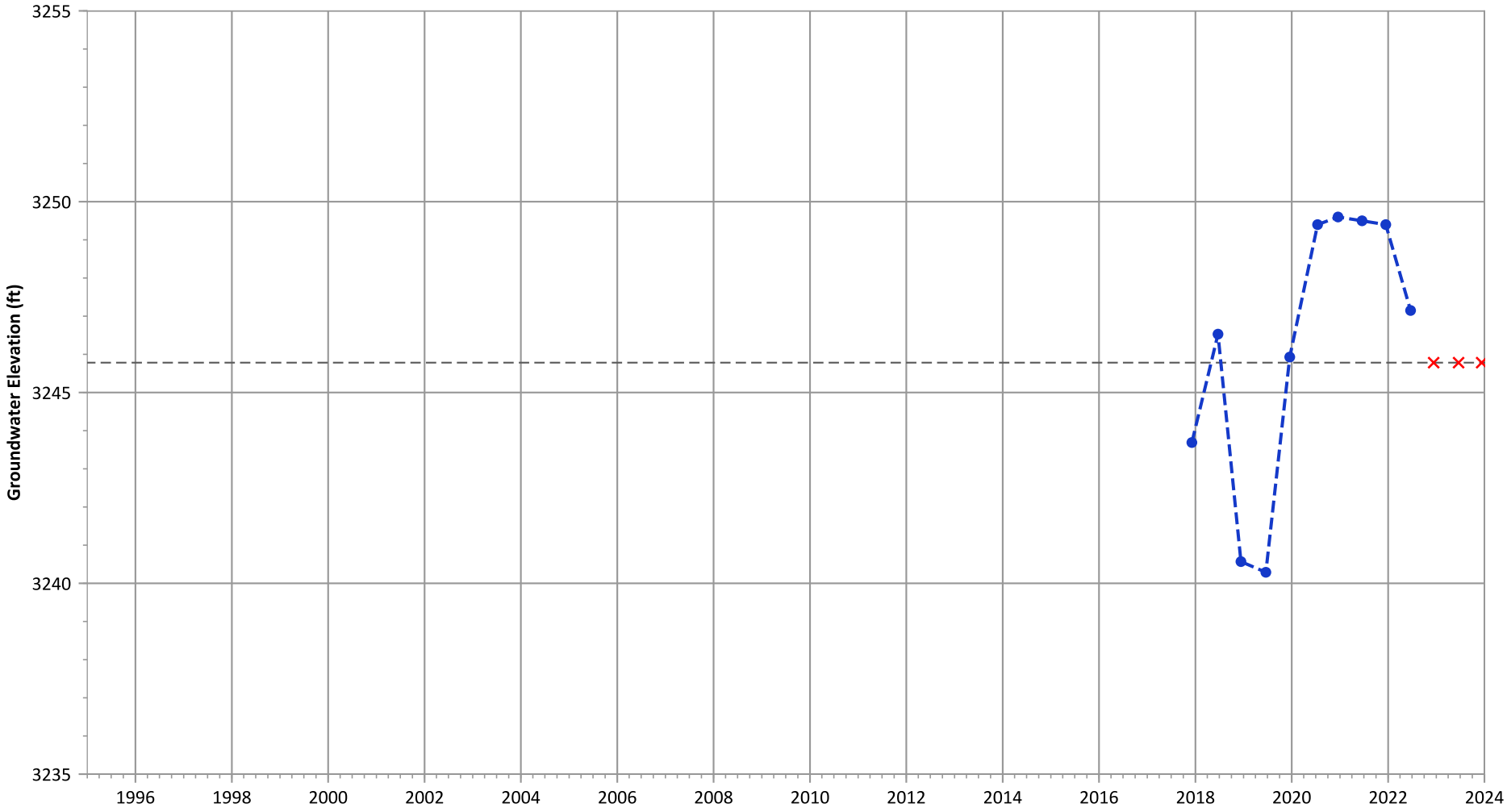
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.31 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.68 ft/yr

PTX06-ISB022 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

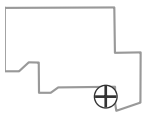


Notes:
1. Top of screen elevation is 3255.78 ft msl.
2. The bottom of screen elevation is 3245.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

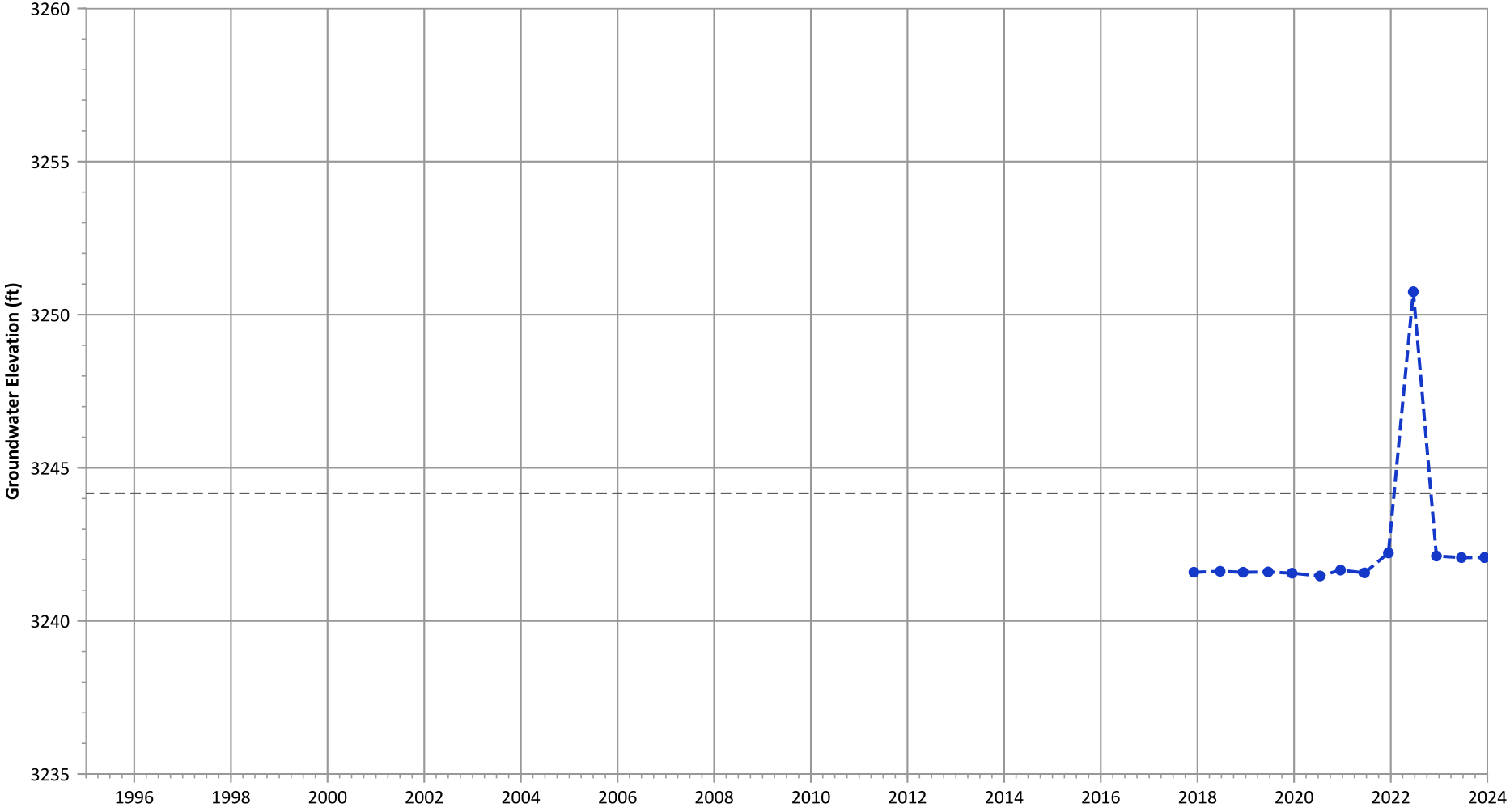
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 1.55 ft/yr

PTX06-ISB023A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

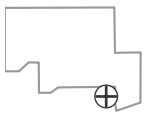


Notes:
1. Top of screen elevation is 3254.17 ft msl.
2. The bottom of screen elevation is 3244.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

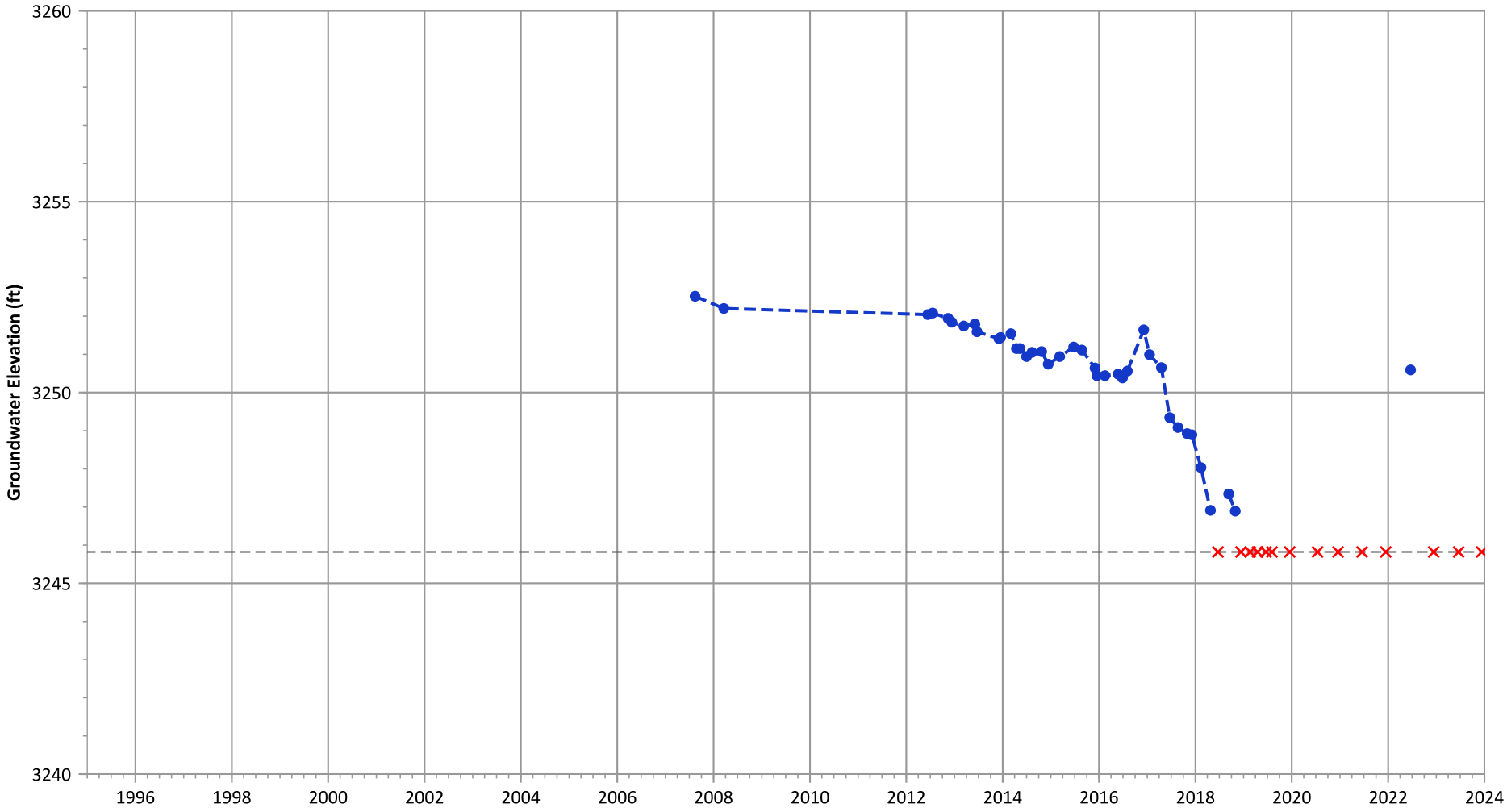
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 5.24 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.4 ft/yr

PTX06-ISB024 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

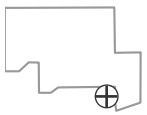


Notes:
1. Top of screen elevation is 3255.82 ft msl.
2. The bottom of screen elevation is 3245.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

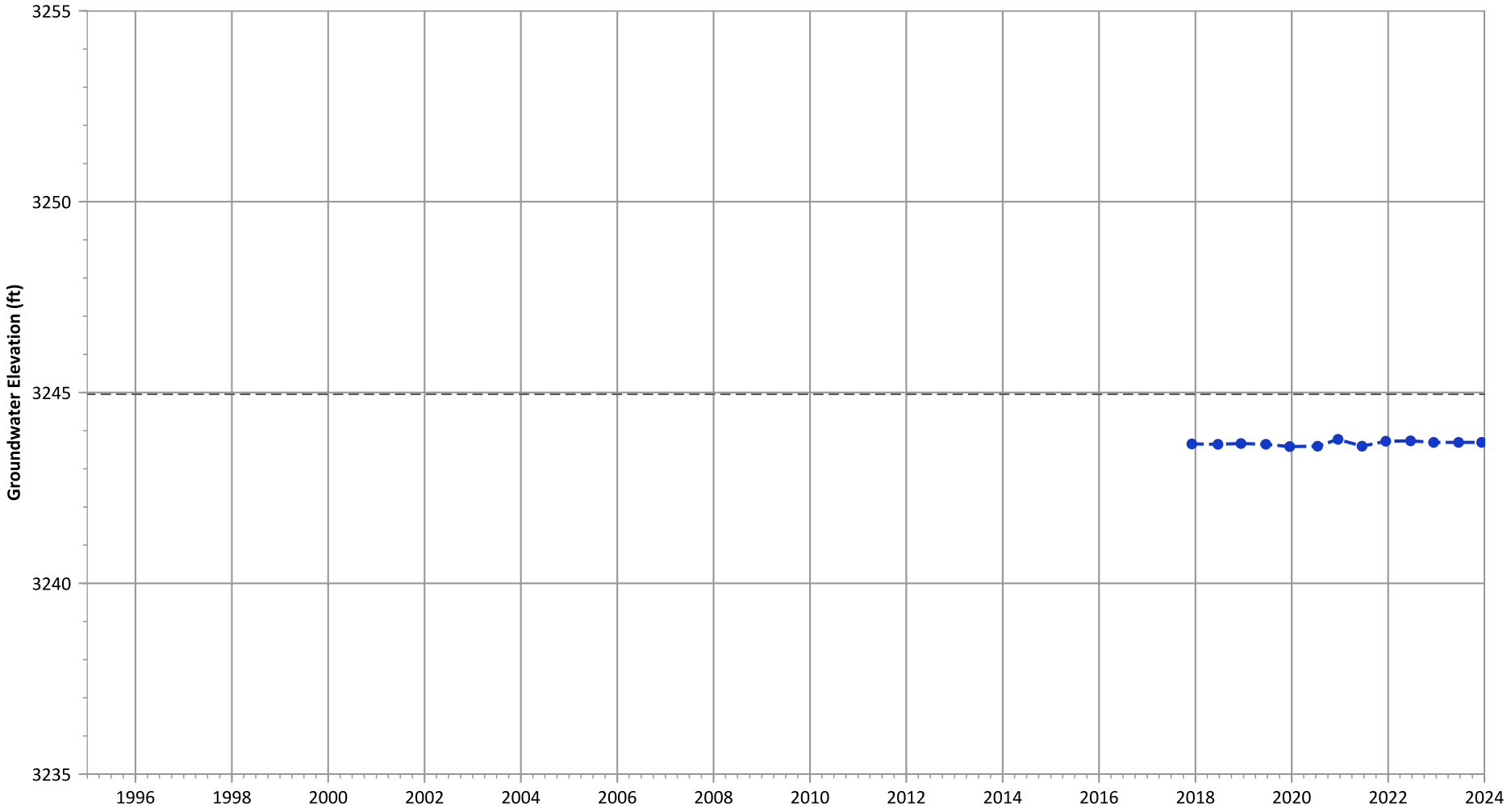
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.47 ft/yr

PTX06-ISB025 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

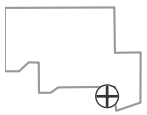


Notes:
1. Top of screen elevation is 3254.95 ft msl.
2. The bottom of screen elevation is 3244.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

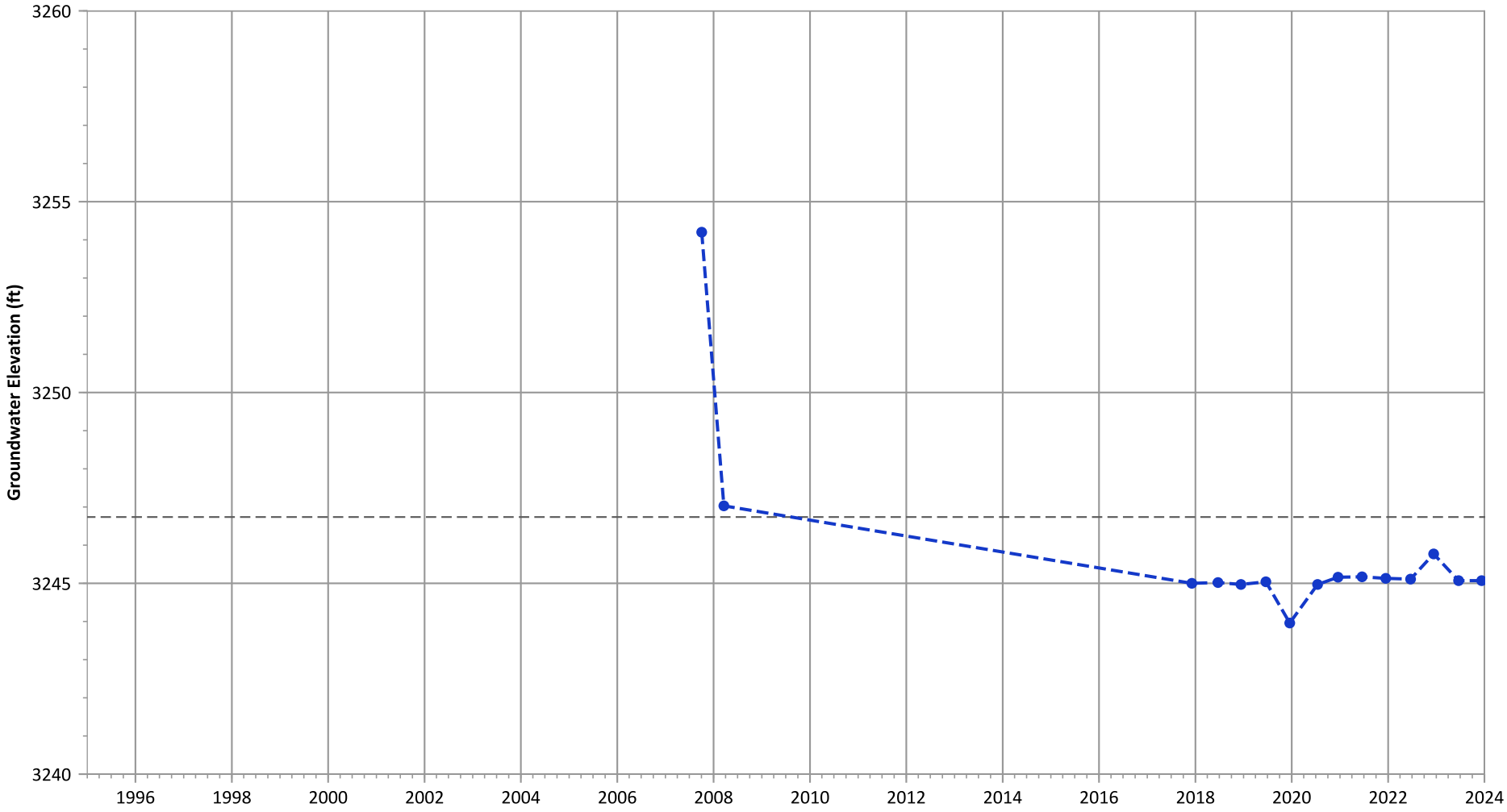
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-ISB026 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

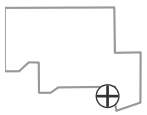


Notes:
1. Top of screen elevation is 3256.74 ft msl.
2. The bottom of screen elevation is 3246.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

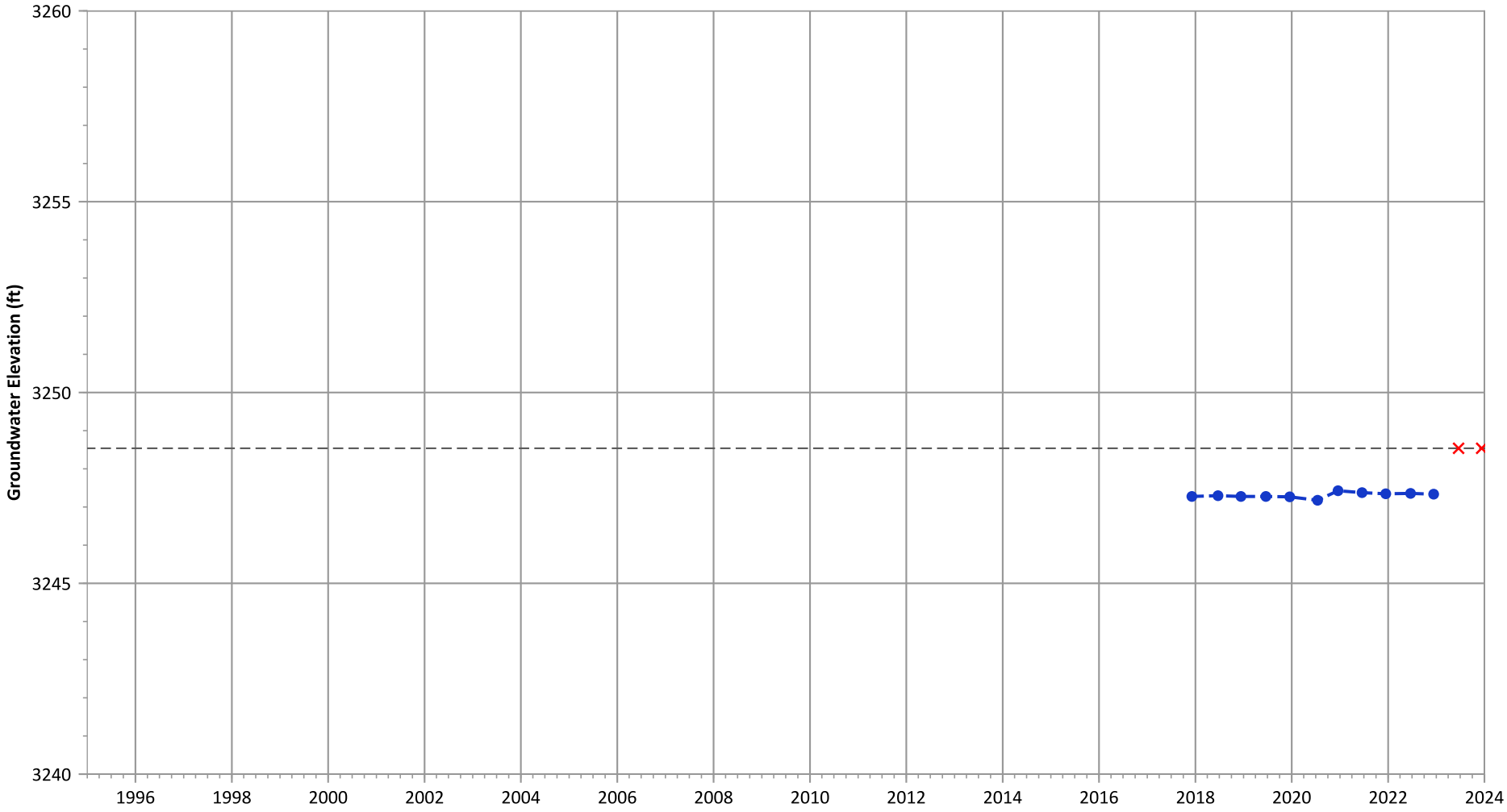
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.17 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB027 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3258.54 ft msl.
2. The bottom of screen elevation is 3248.54 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.

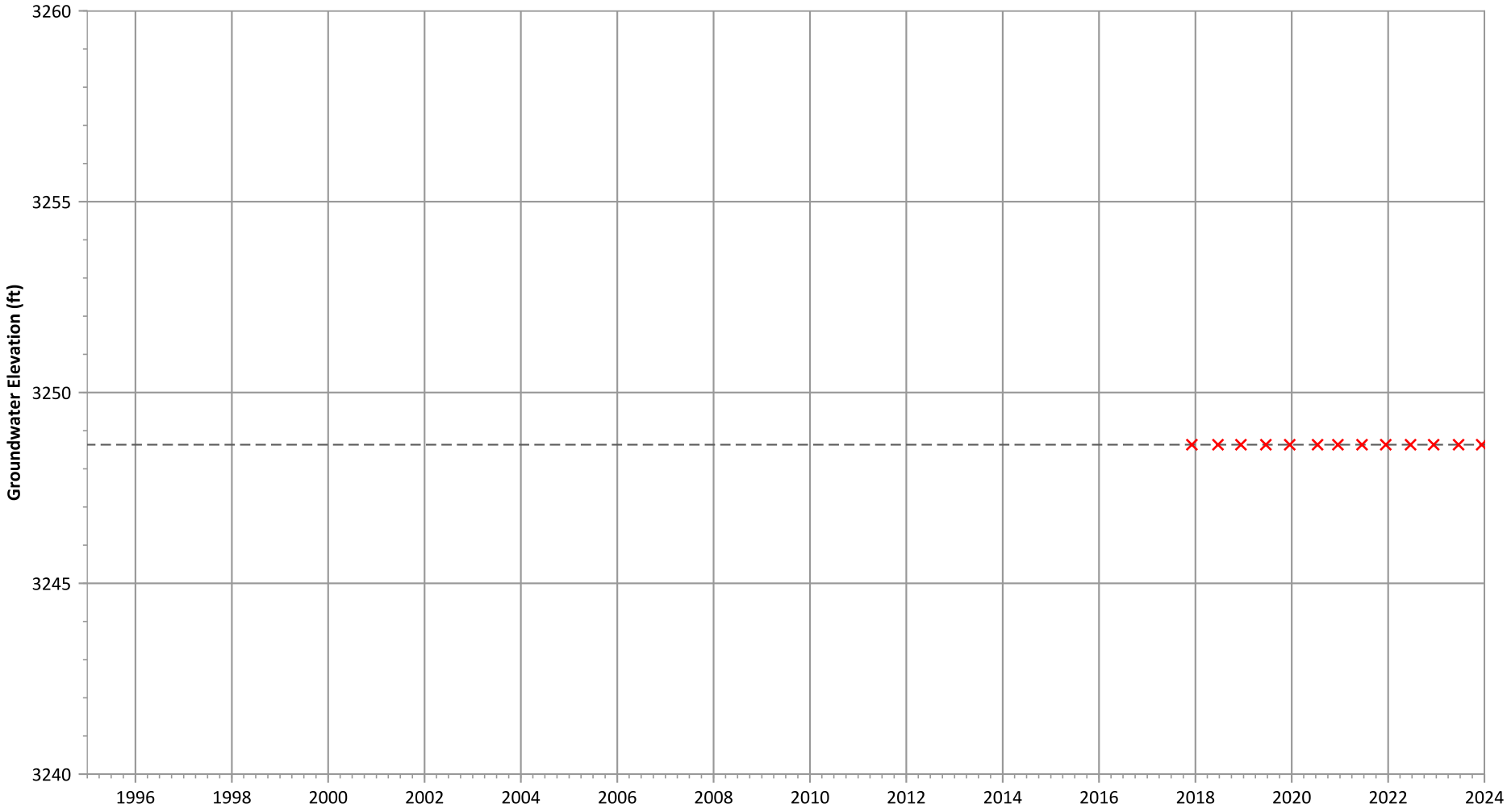
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-ISB028 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

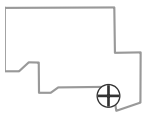


Notes:
1. Top of screen elevation is 3258.63 ft msl.
2. The bottom of screen elevation is 3248.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

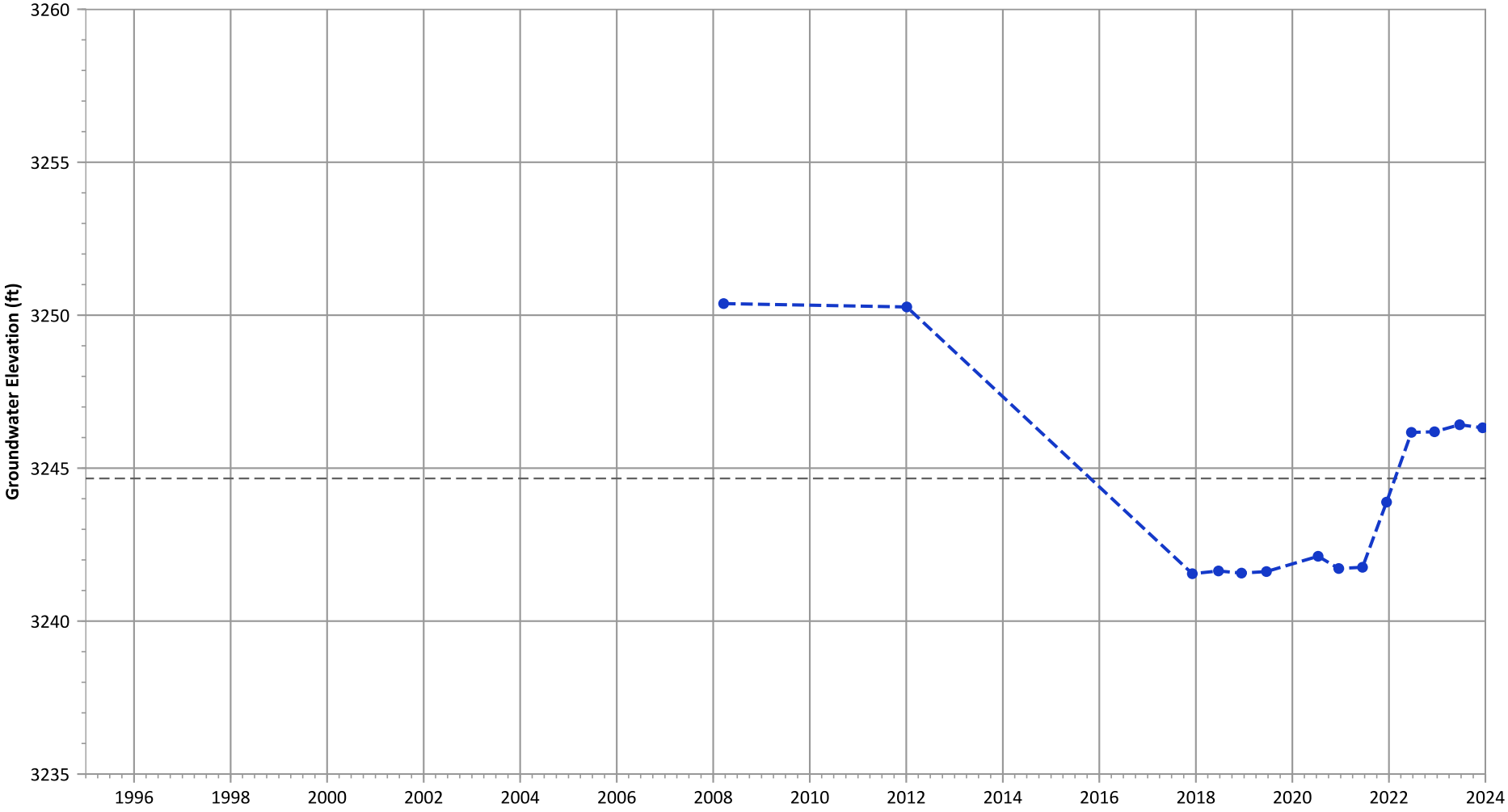
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB029A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

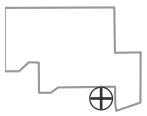


Notes:
1. Top of screen elevation is 3254.66 ft msl.
2. The bottom of screen elevation is 3244.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

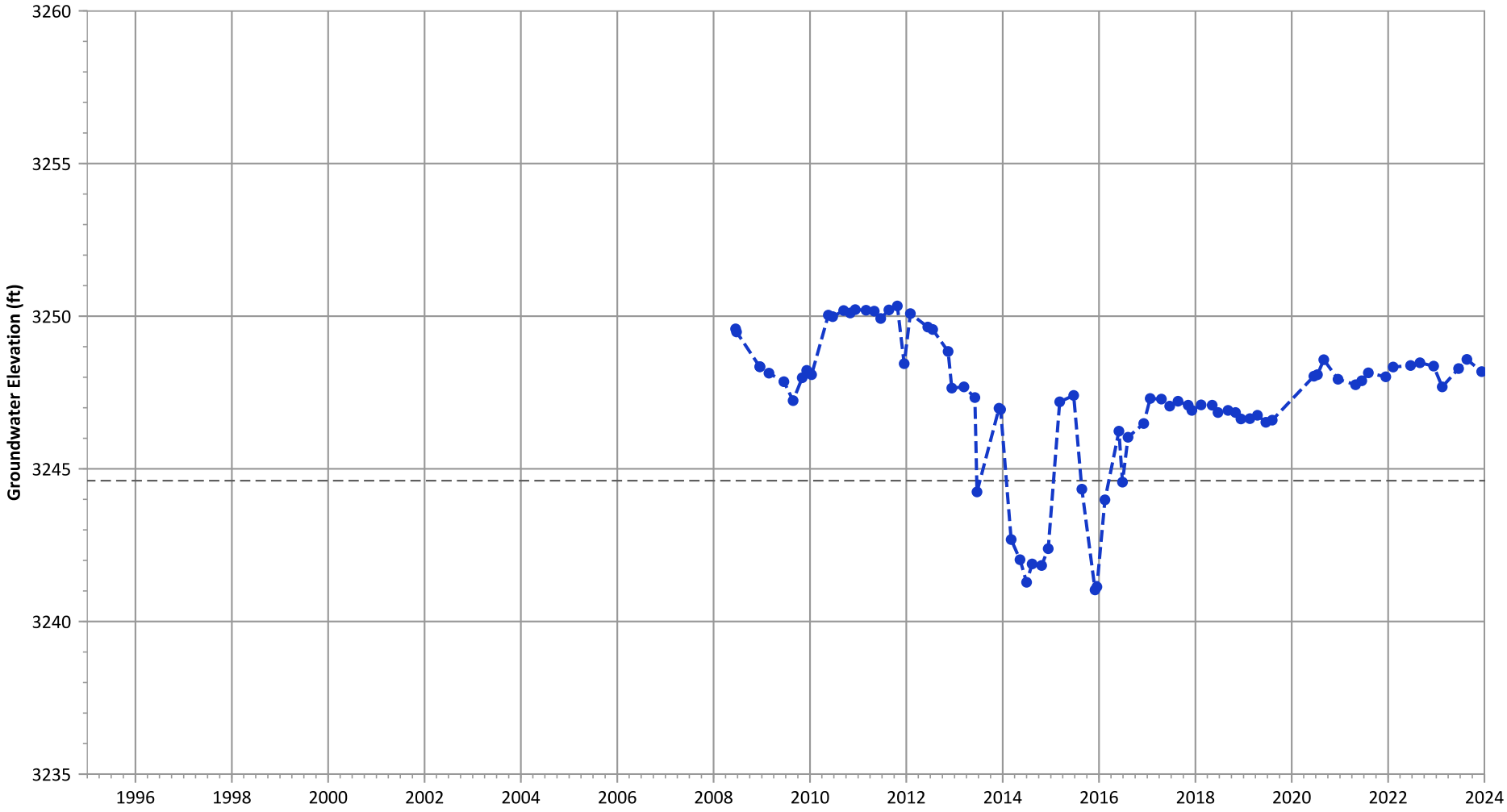
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.14 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.12 ft/yr

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.

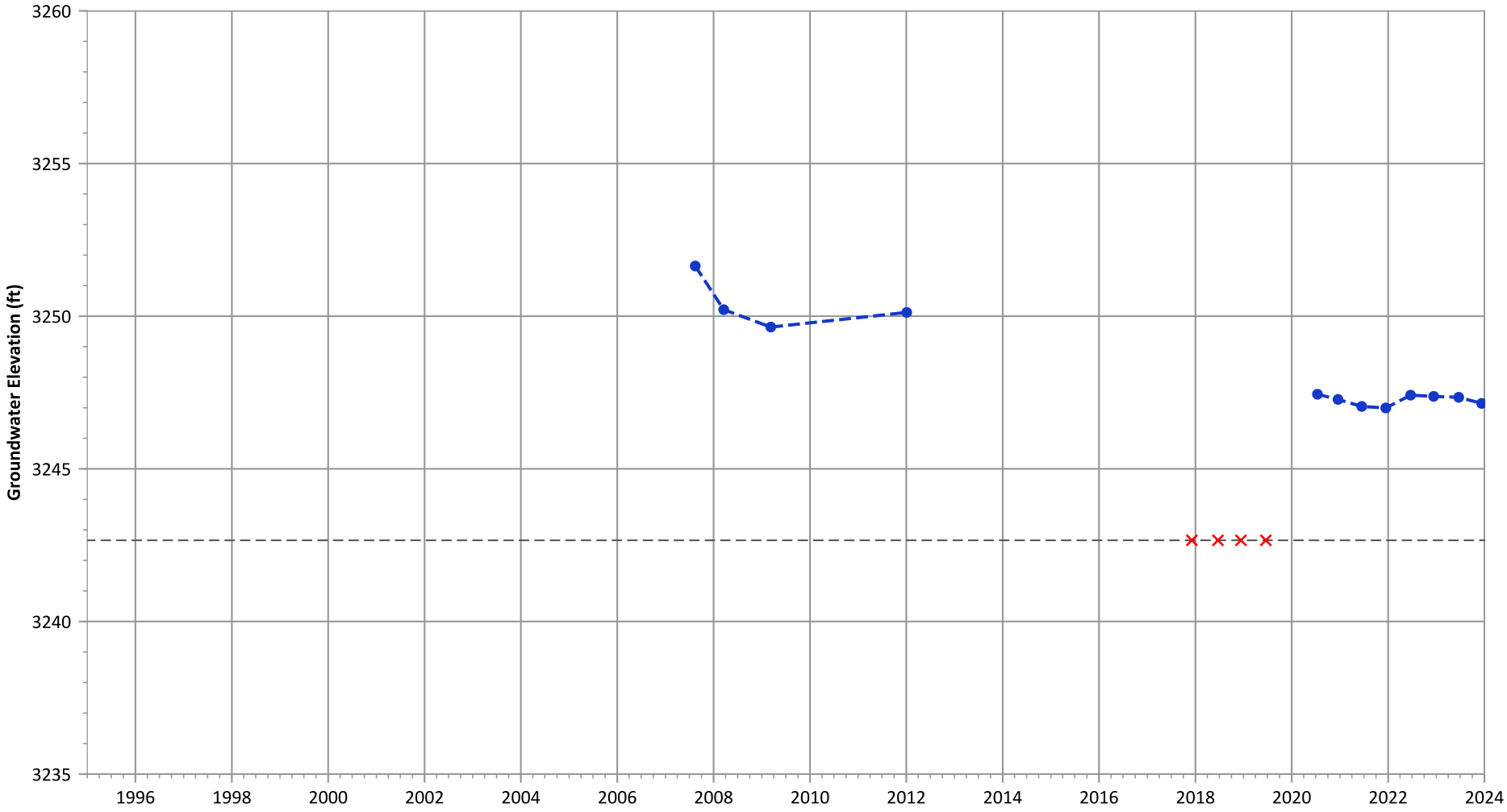
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): 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.

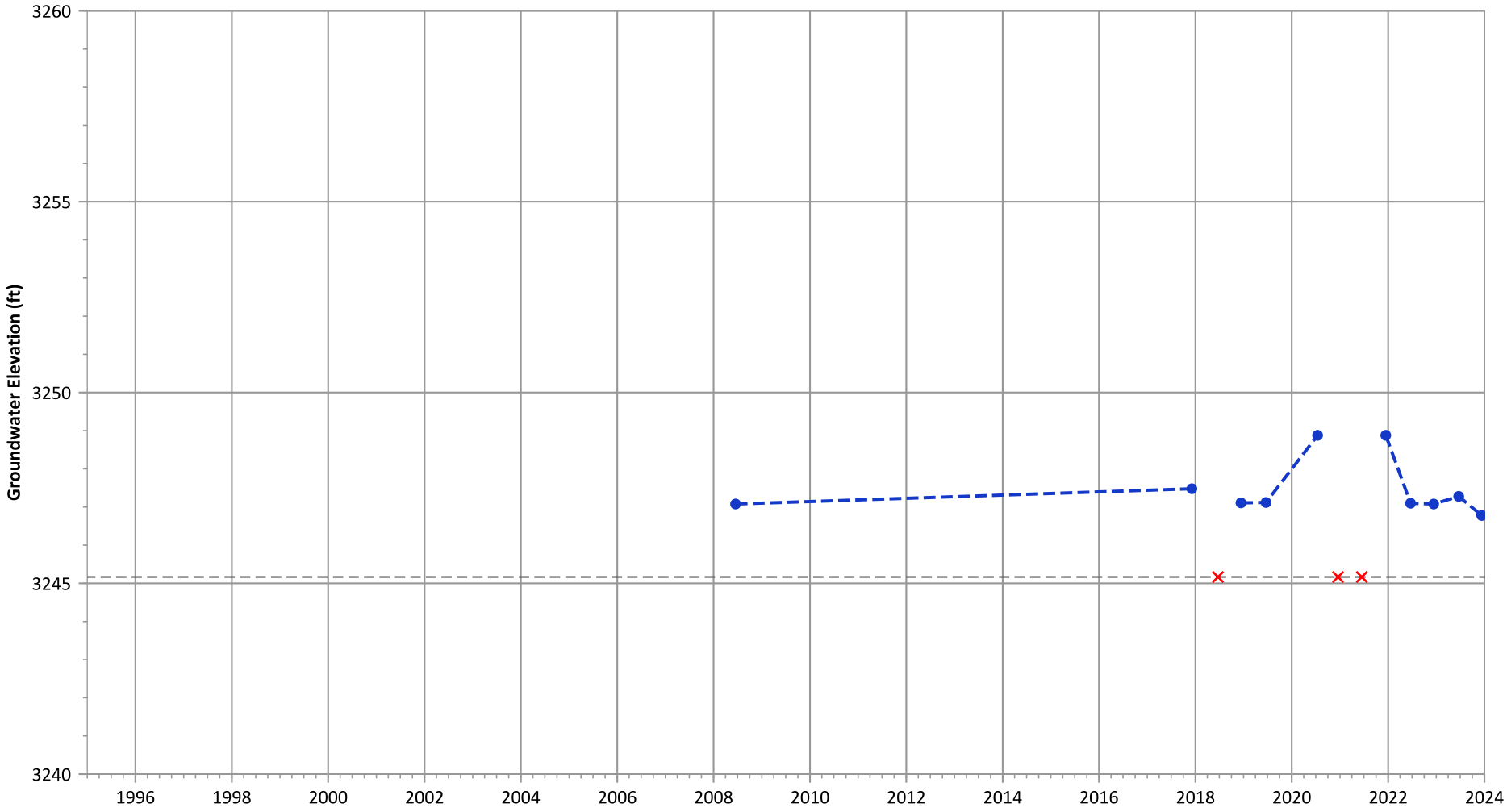
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.25 ft/yr

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.

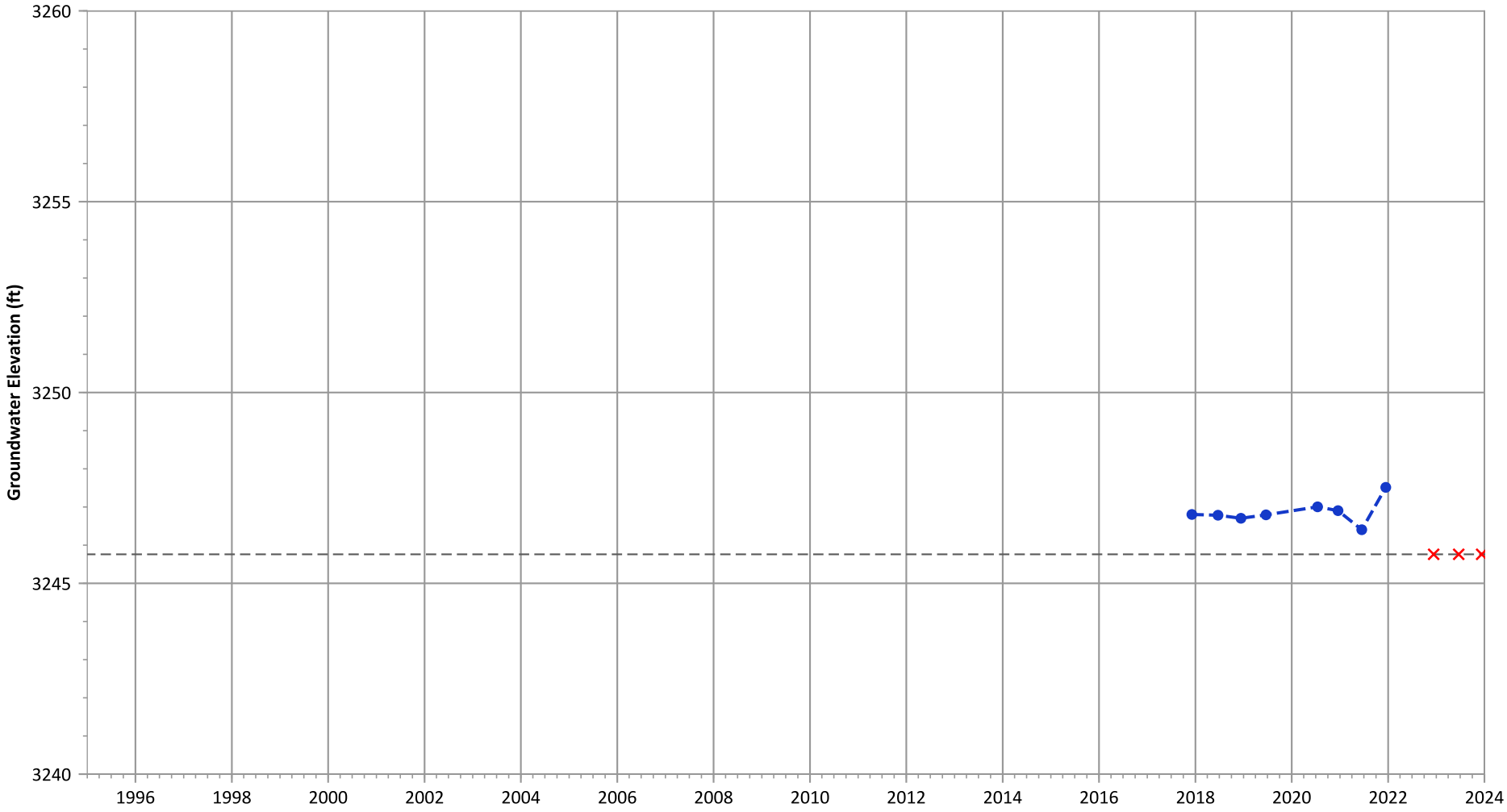
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.15 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB033 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3255.76 ft msl.
2. The bottom of screen elevation is 3245.76 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.

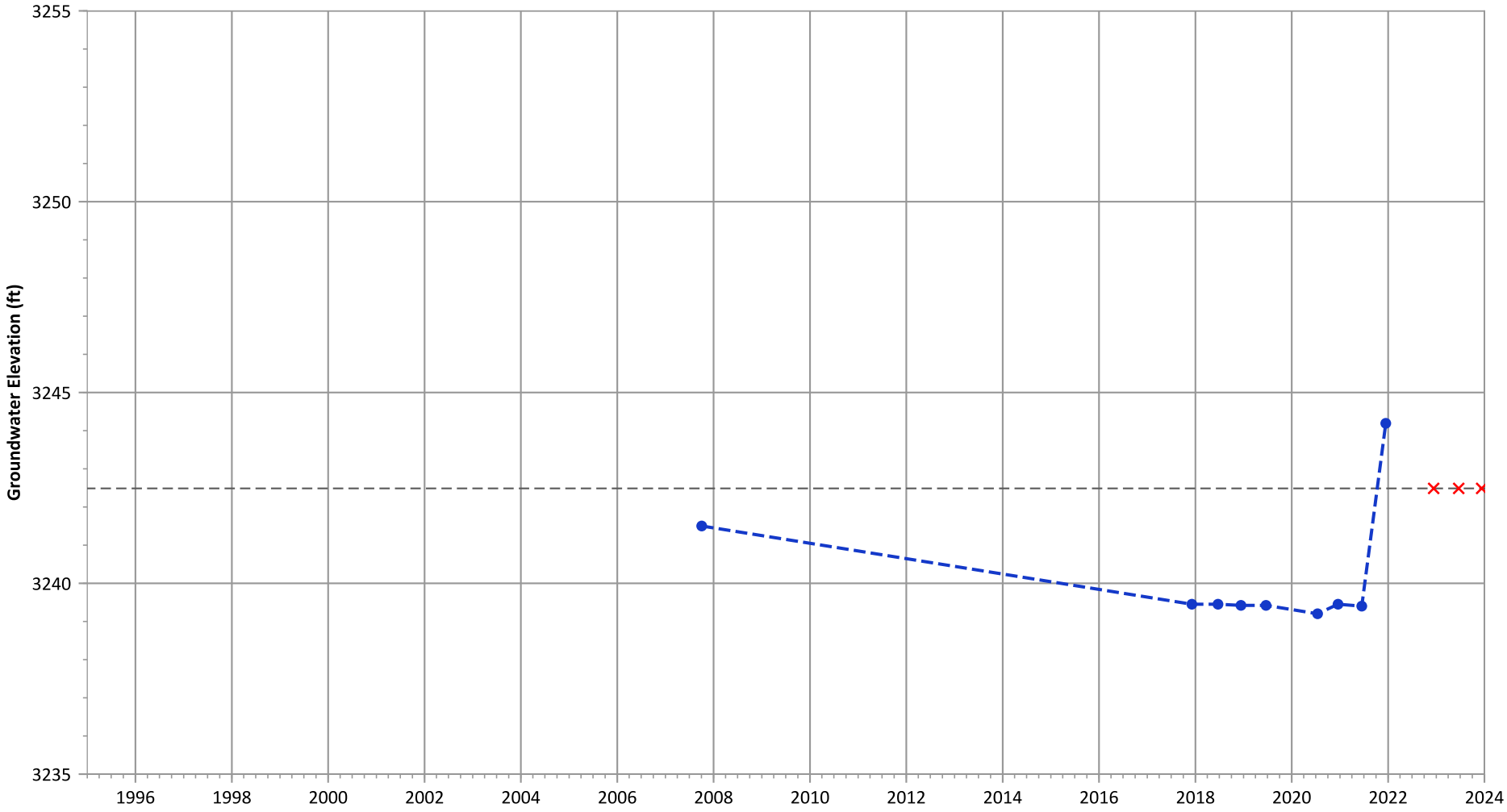
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

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.

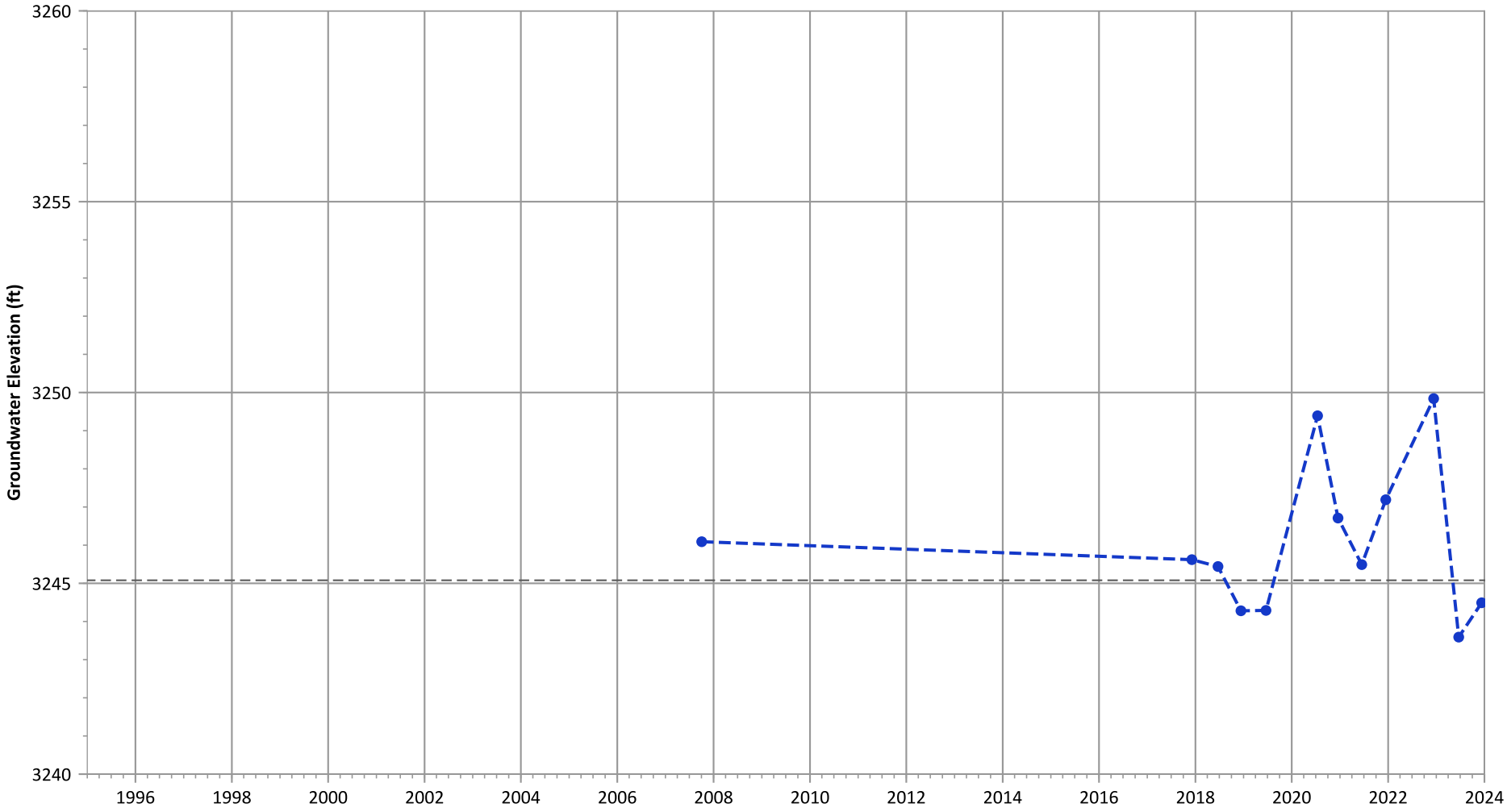
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.61 ft/yr

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.

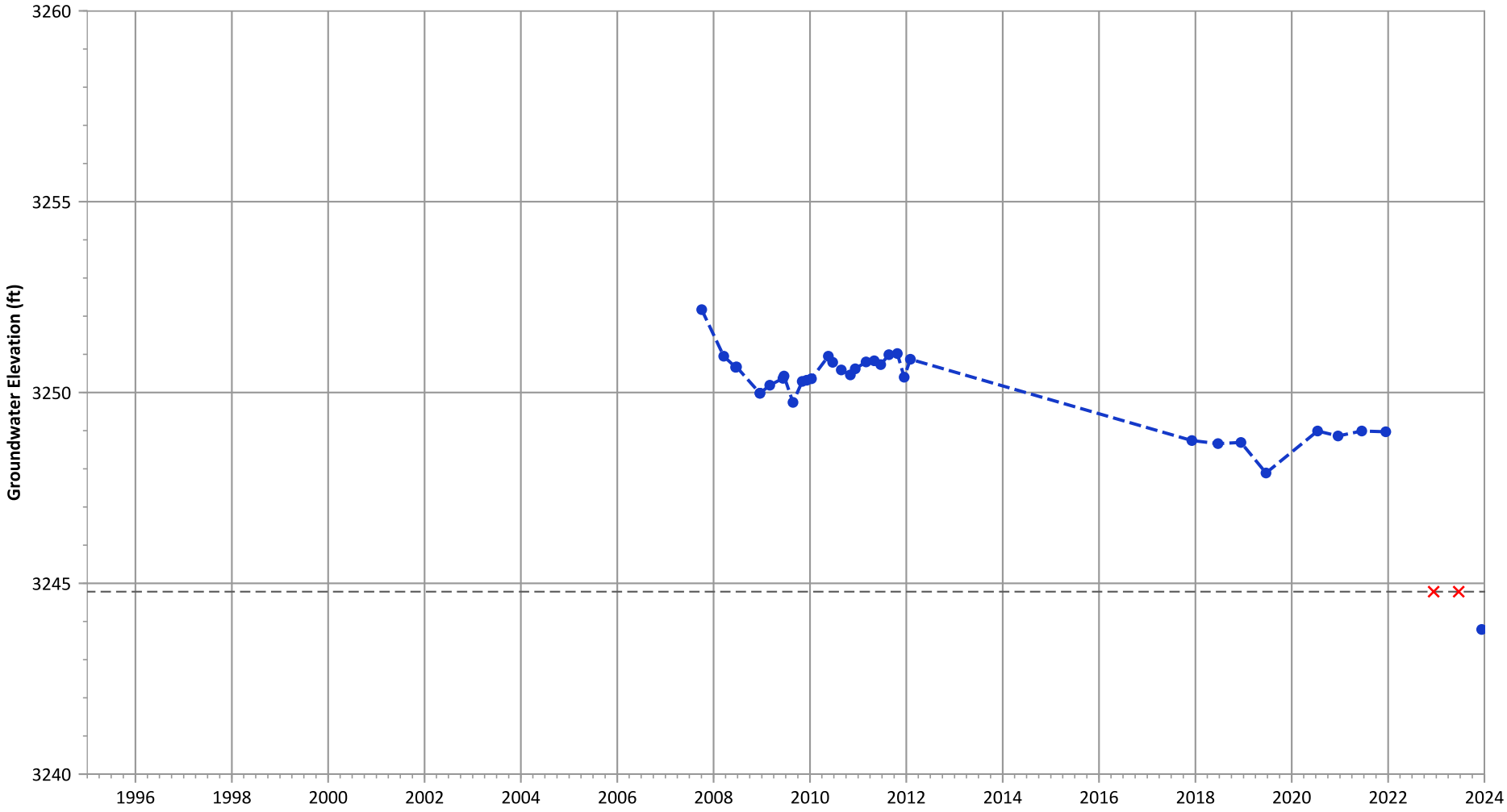
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 5.47 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.12 ft/yr

PTX06-ISB036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

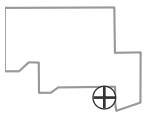


Notes:
1. Top of screen elevation is 3254.78 ft msl.
2. The bottom of screen elevation is 3244.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

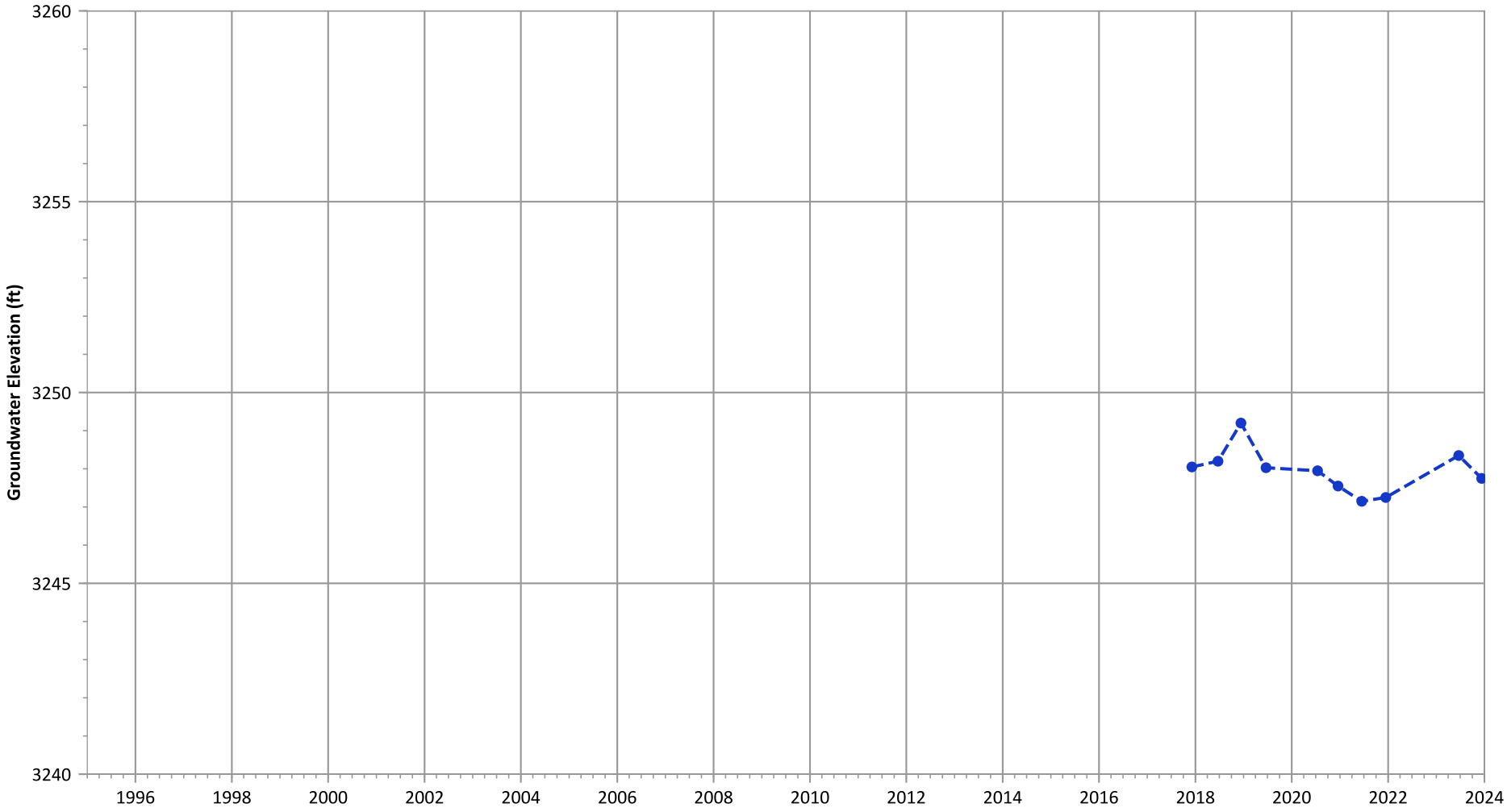
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.26 ft/yr

PTX06-ISB037 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

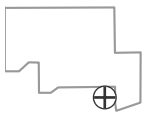


Notes:
1. Top of screen elevation is 3249.54 ft msl.
2. The bottom of screen elevation is 3239.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

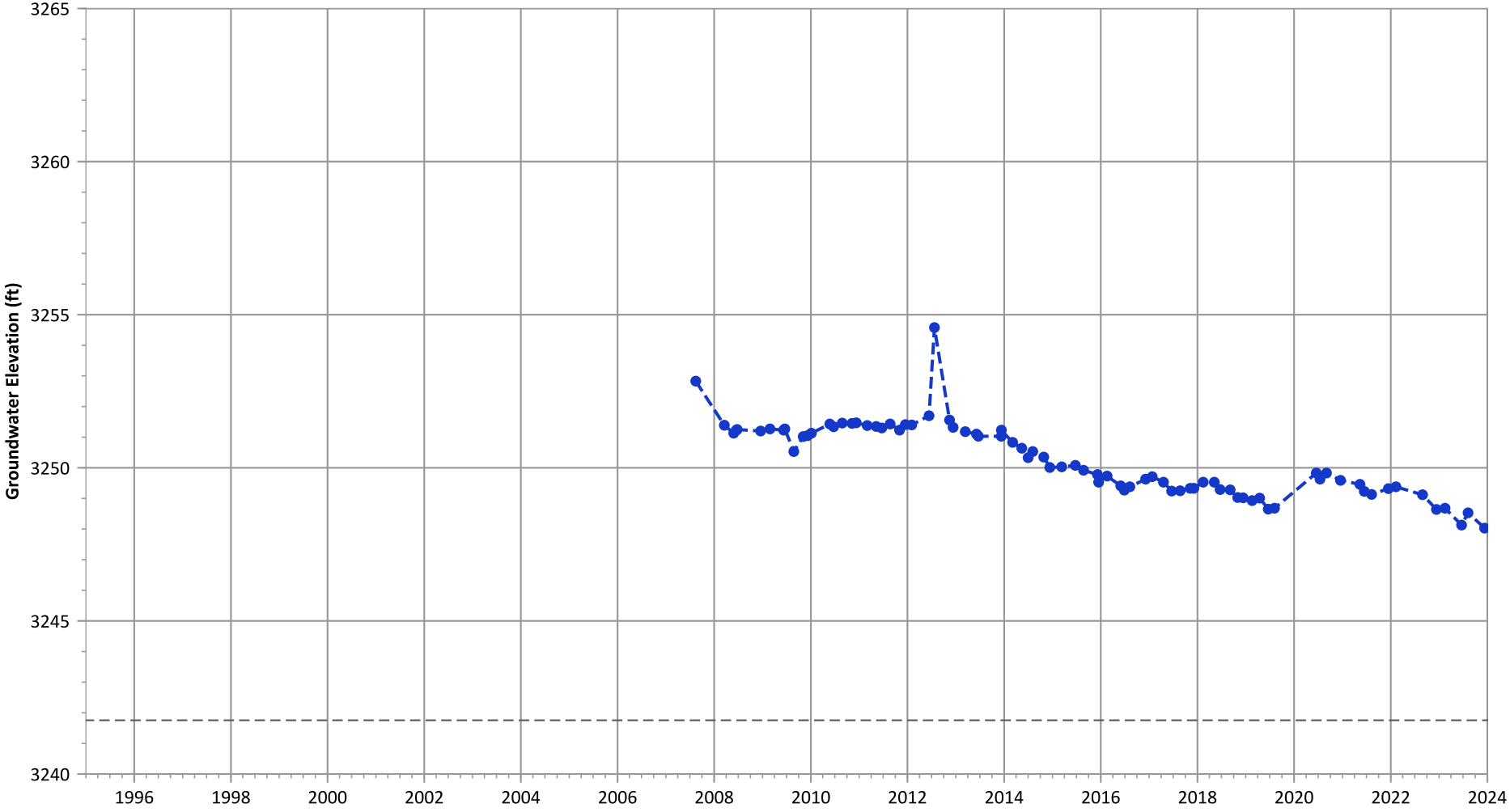
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.11 ft/yr

PTX06-ISB038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

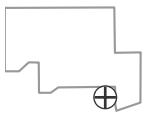


Notes:
1. Top of screen elevation is 3251.76 ft msl.
2. The bottom of screen elevation is 3241.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

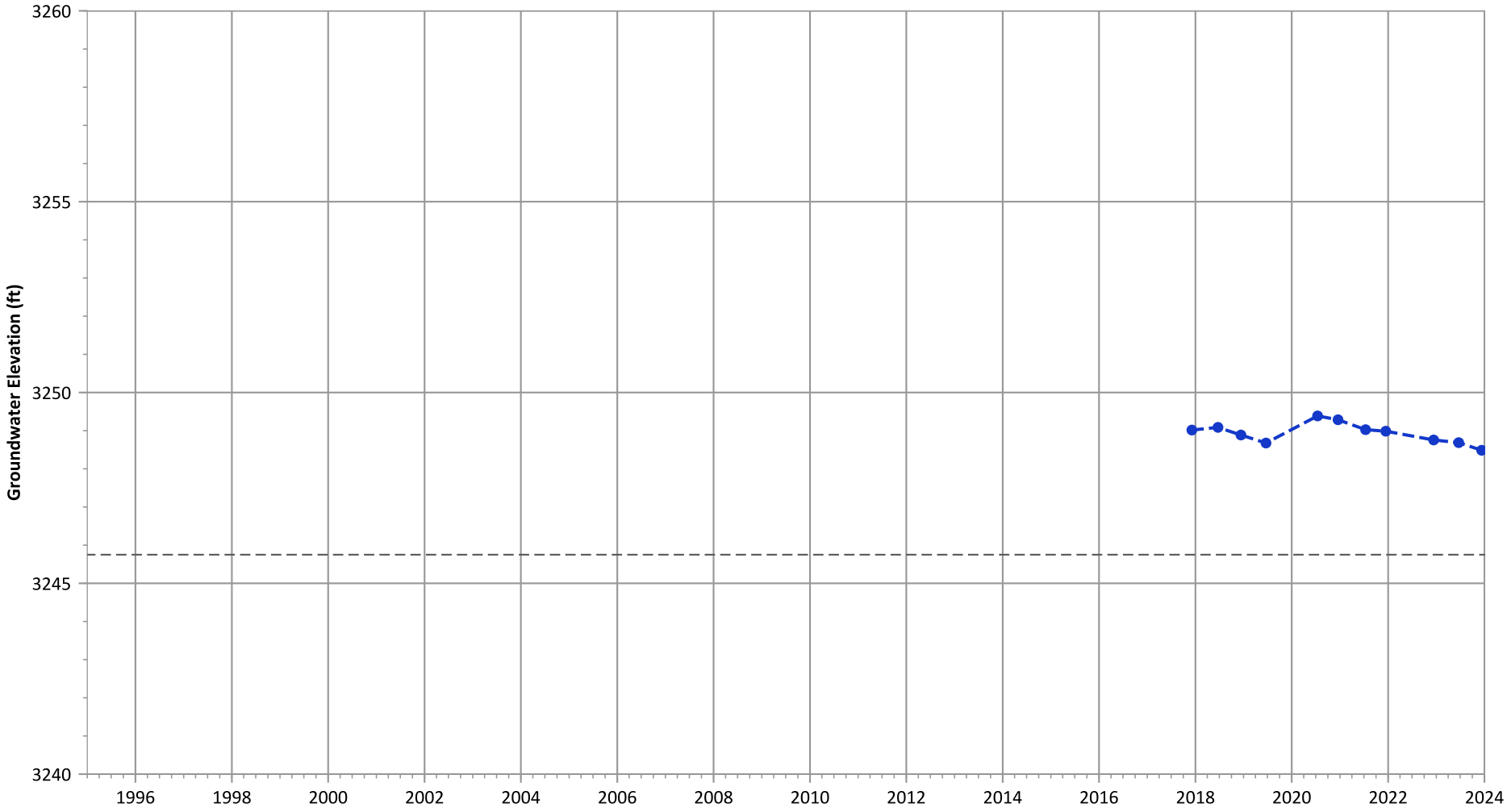
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.74 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.23 ft/yr

PTX06-ISB039 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

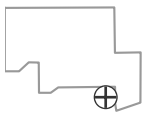


Notes:
1. Top of screen elevation is 3255.75 ft msl.
2. The bottom of screen elevation is 3245.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

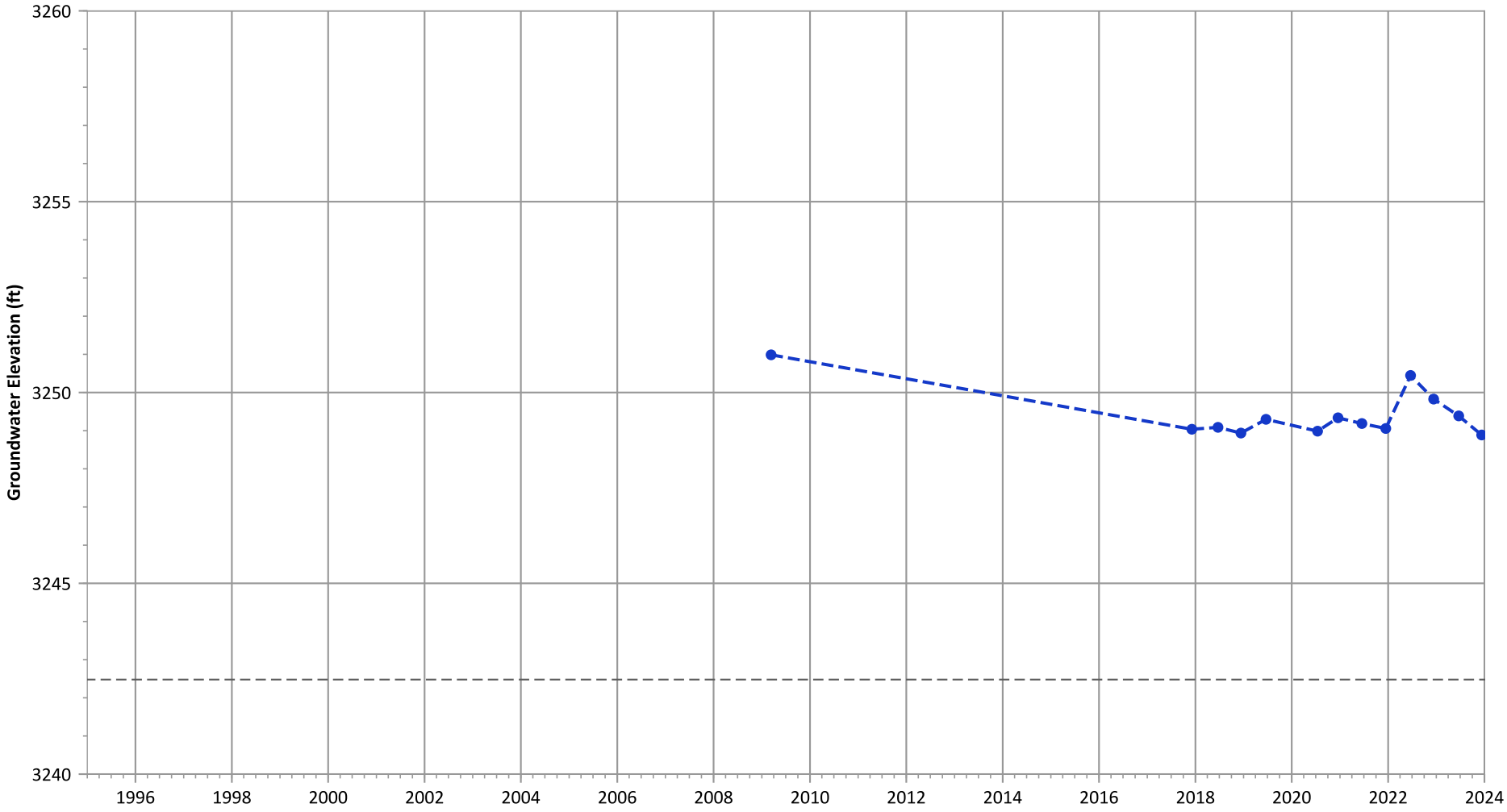
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.27 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

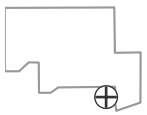


Notes:
1. Top of screen elevation is 3252.48 ft msl.
2. The bottom of screen elevation is 3242.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

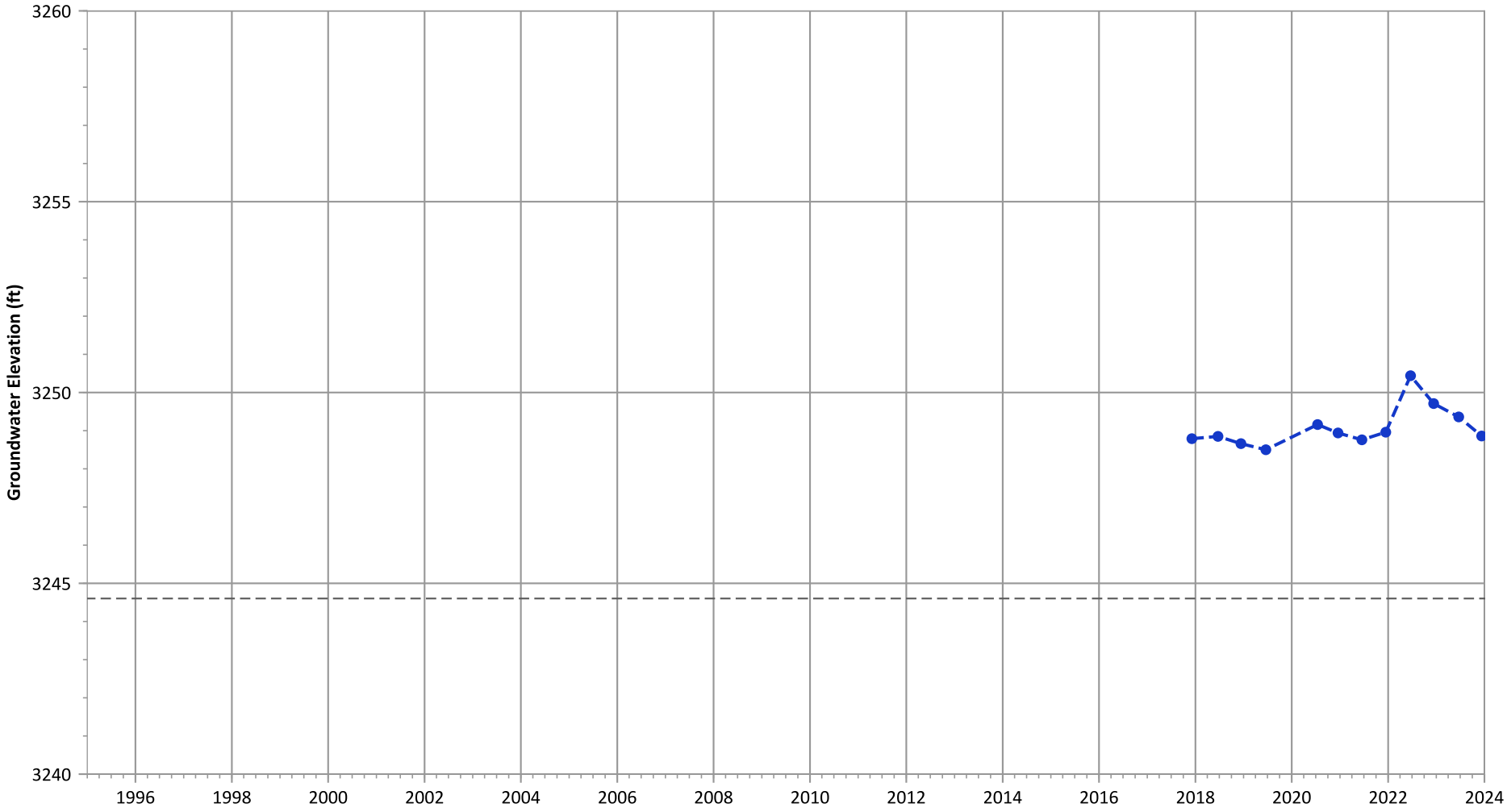
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.03 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB041 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

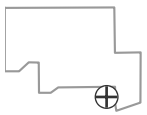


Notes:
1. Top of screen elevation is 3254.6 ft msl.
2. The bottom of screen elevation is 3244.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

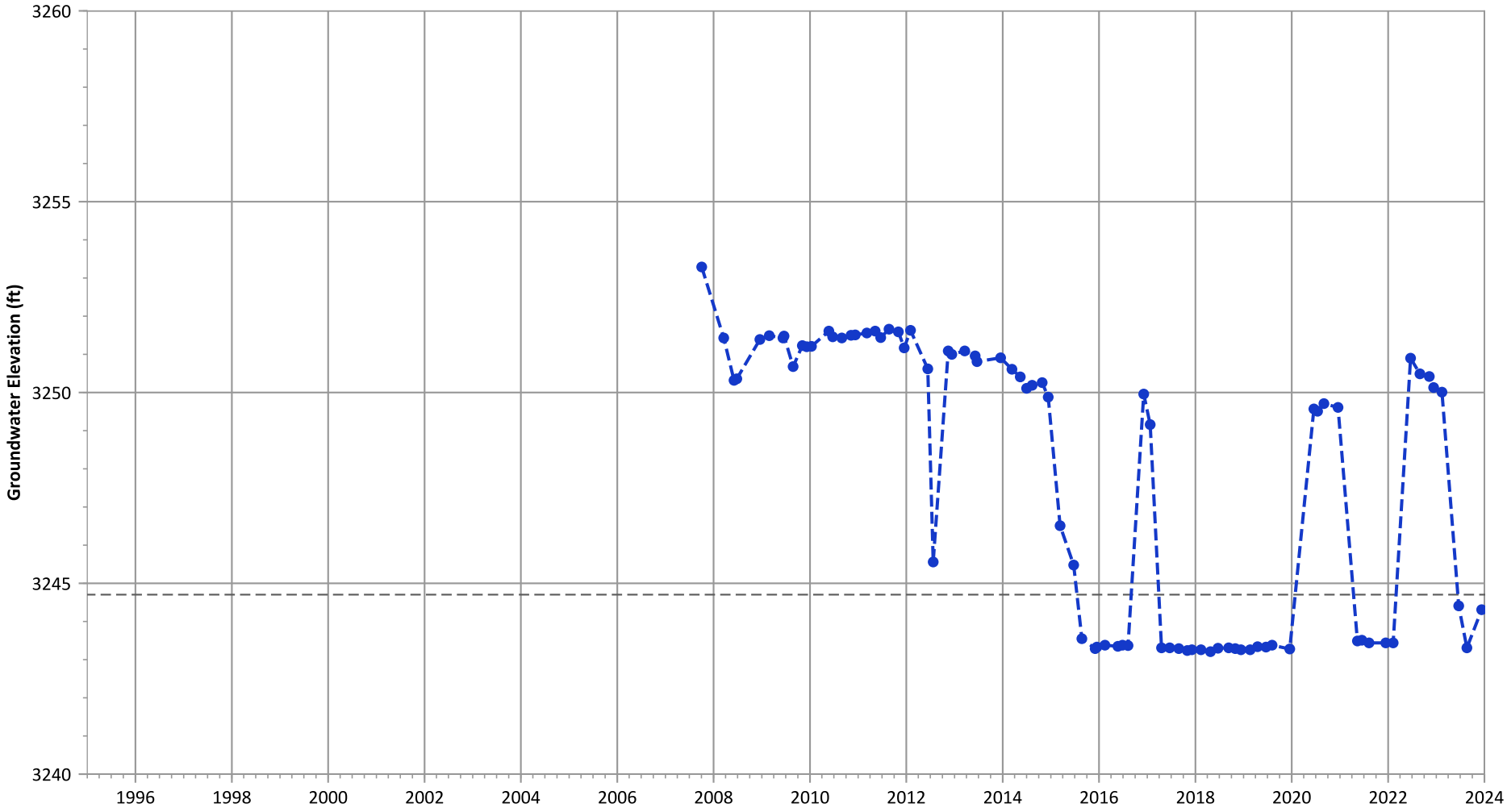
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.03 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.14 ft/yr

PTX06-ISB042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

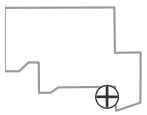


Notes:
1. Top of screen elevation is 3254.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

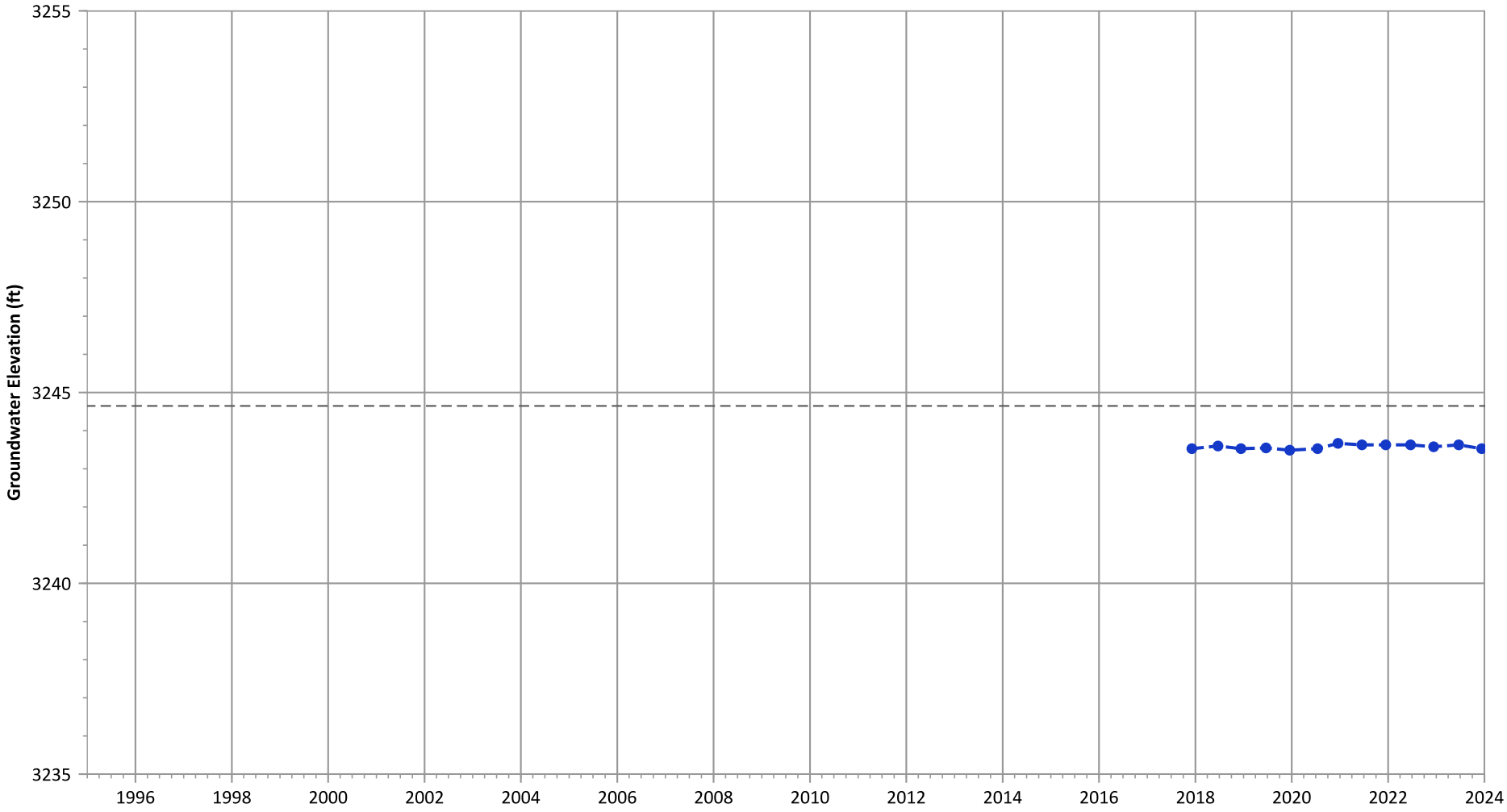
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.39 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.5 ft/yr

PTX06-ISB043 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

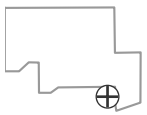


Notes:
1. Top of screen elevation is 3254.65 ft msl.
2. The bottom of screen elevation is 3244.65 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

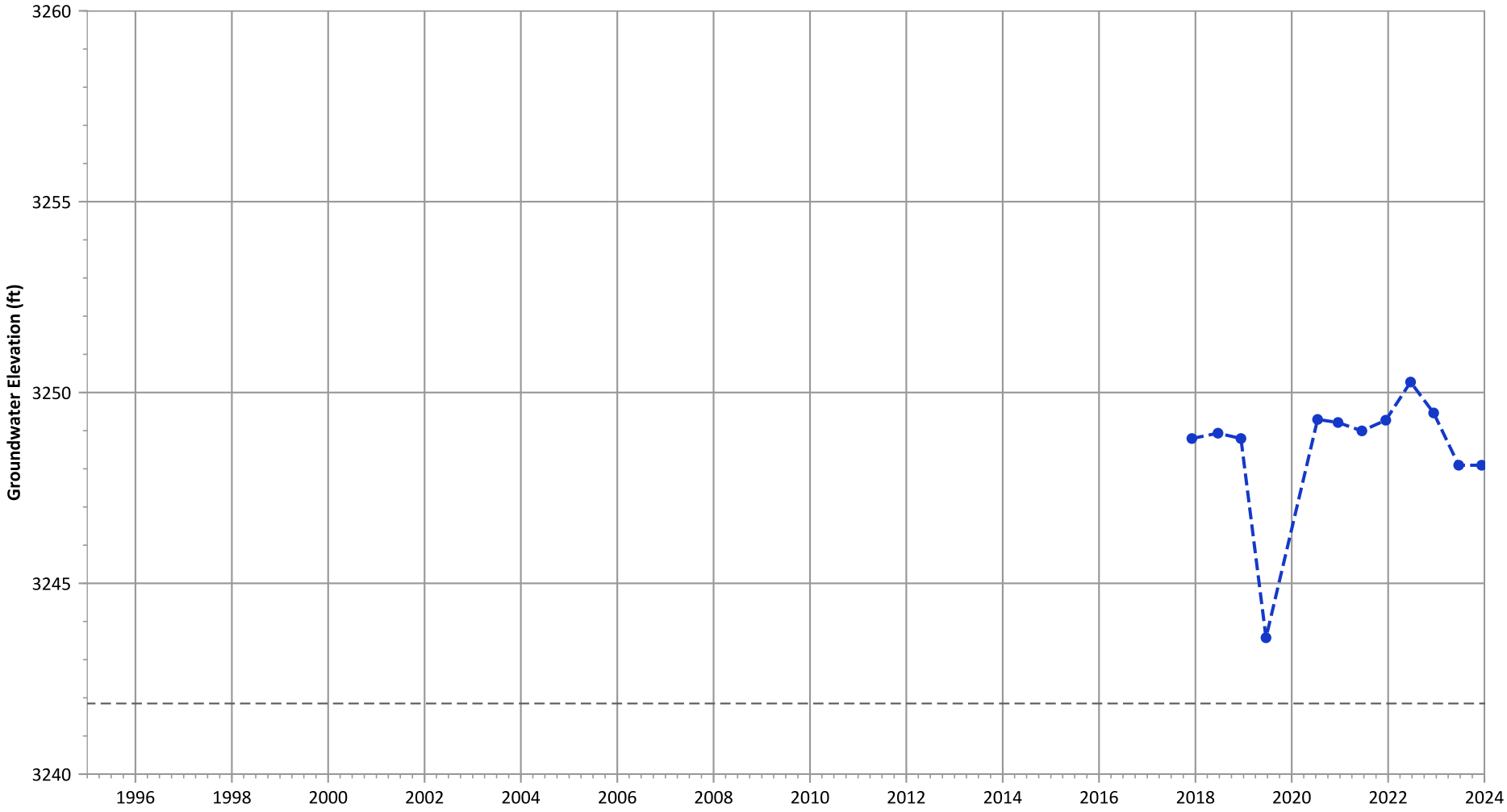
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-ISB044A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

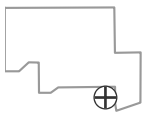


Notes:
1. Top of screen elevation is 3251.85 ft msl.
2. The bottom of screen elevation is 3241.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

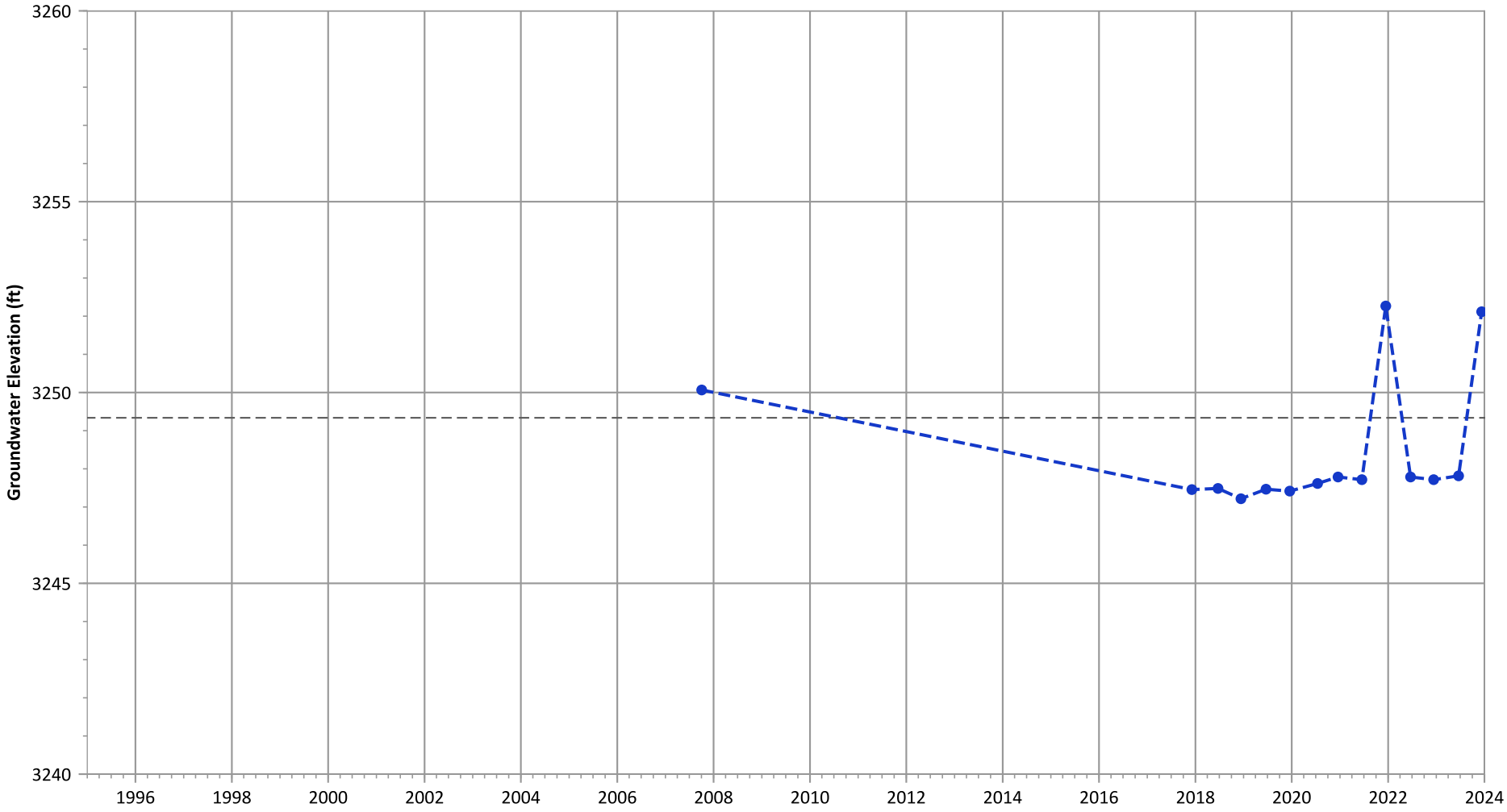
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.6 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.17 ft/yr

PTX06-ISB045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

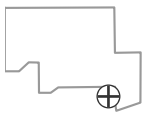


Notes:
1. Top of screen elevation is 3259.34 ft msl.
2. The bottom of screen elevation is 3249.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

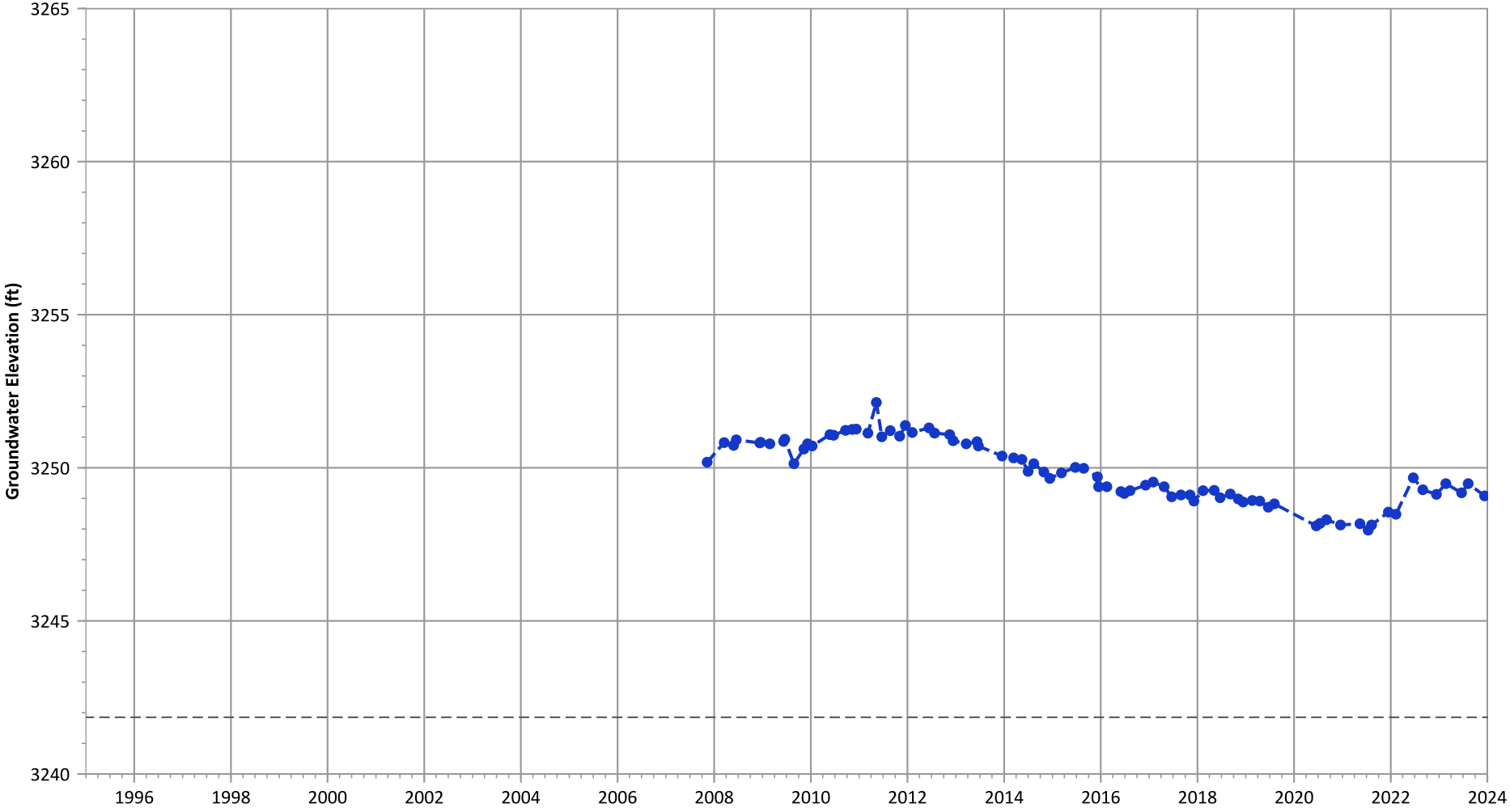
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 2.63 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.46 ft/yr

PTX06-ISB046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

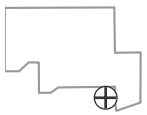


Notes:
1. Top of screen elevation is 3251.85 ft msl.
2. The bottom of screen elevation is 3241.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

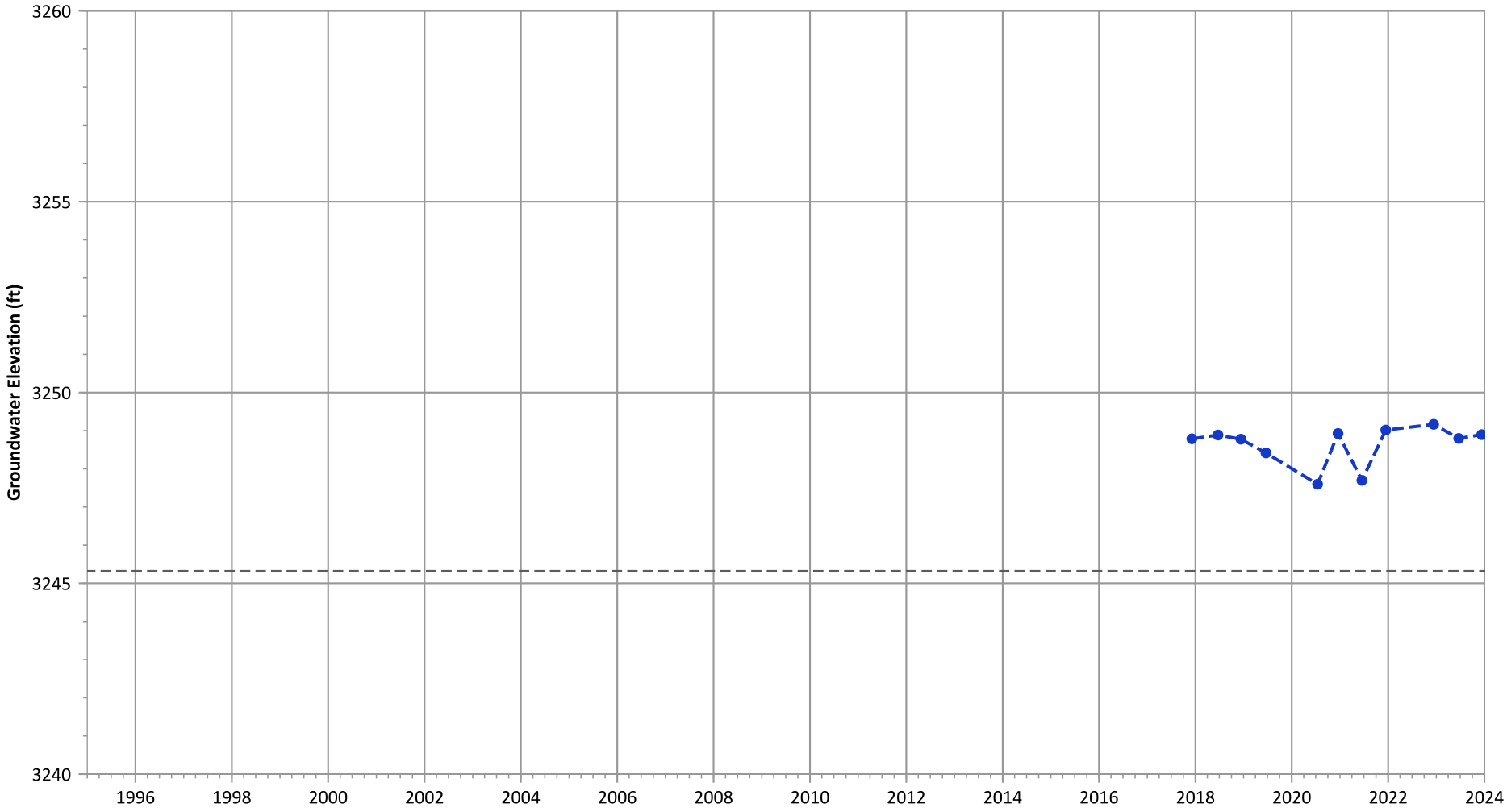
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.21 ft/yr

PTX06-ISB047 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3255.33 ft msl.
2. The bottom of screen elevation is 3245.33 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.

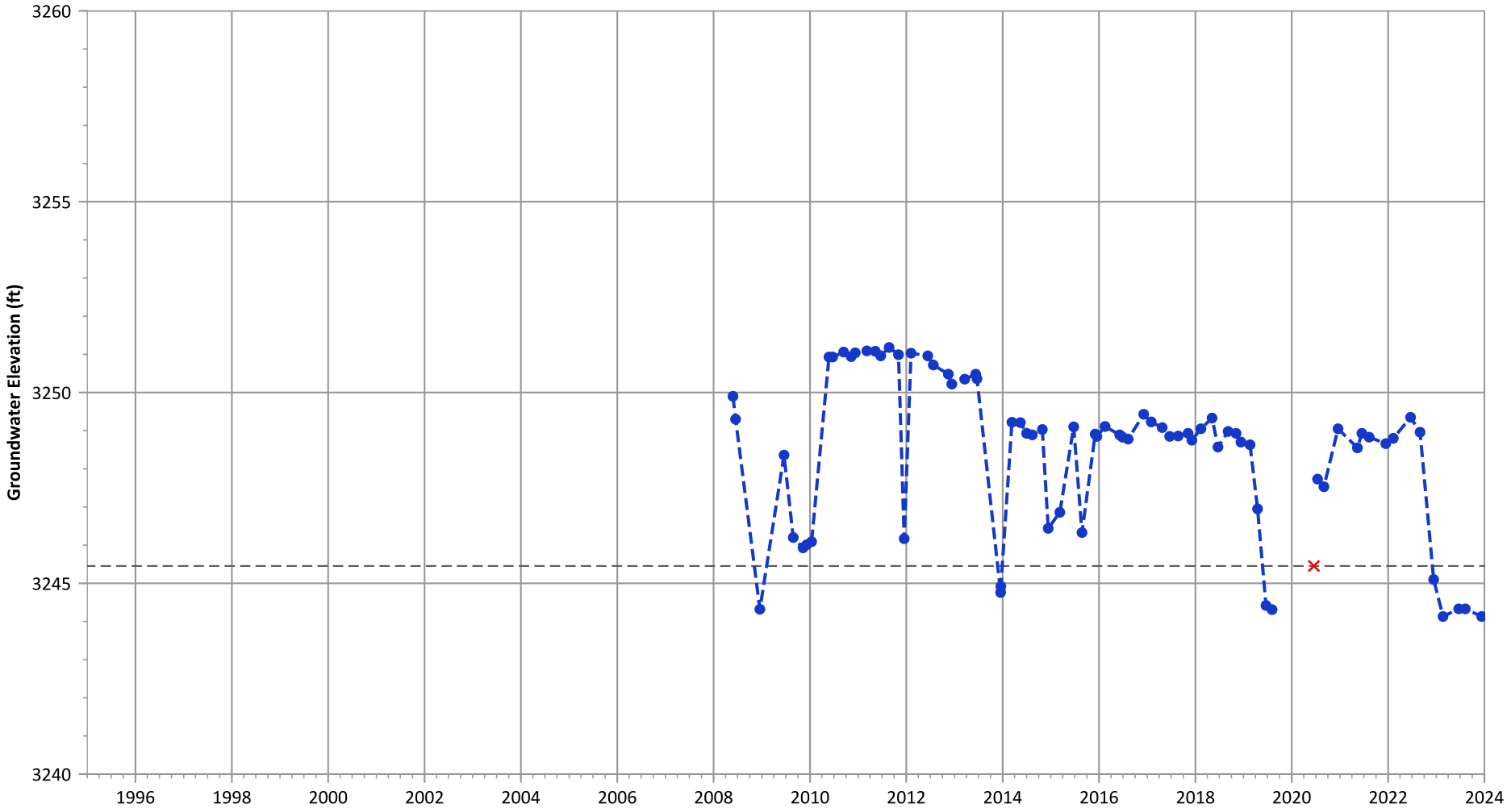
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.28 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB048 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

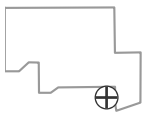


Notes:
1. Top of screen elevation is 3255.45 ft msl.
2. The bottom of screen elevation is 3245.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

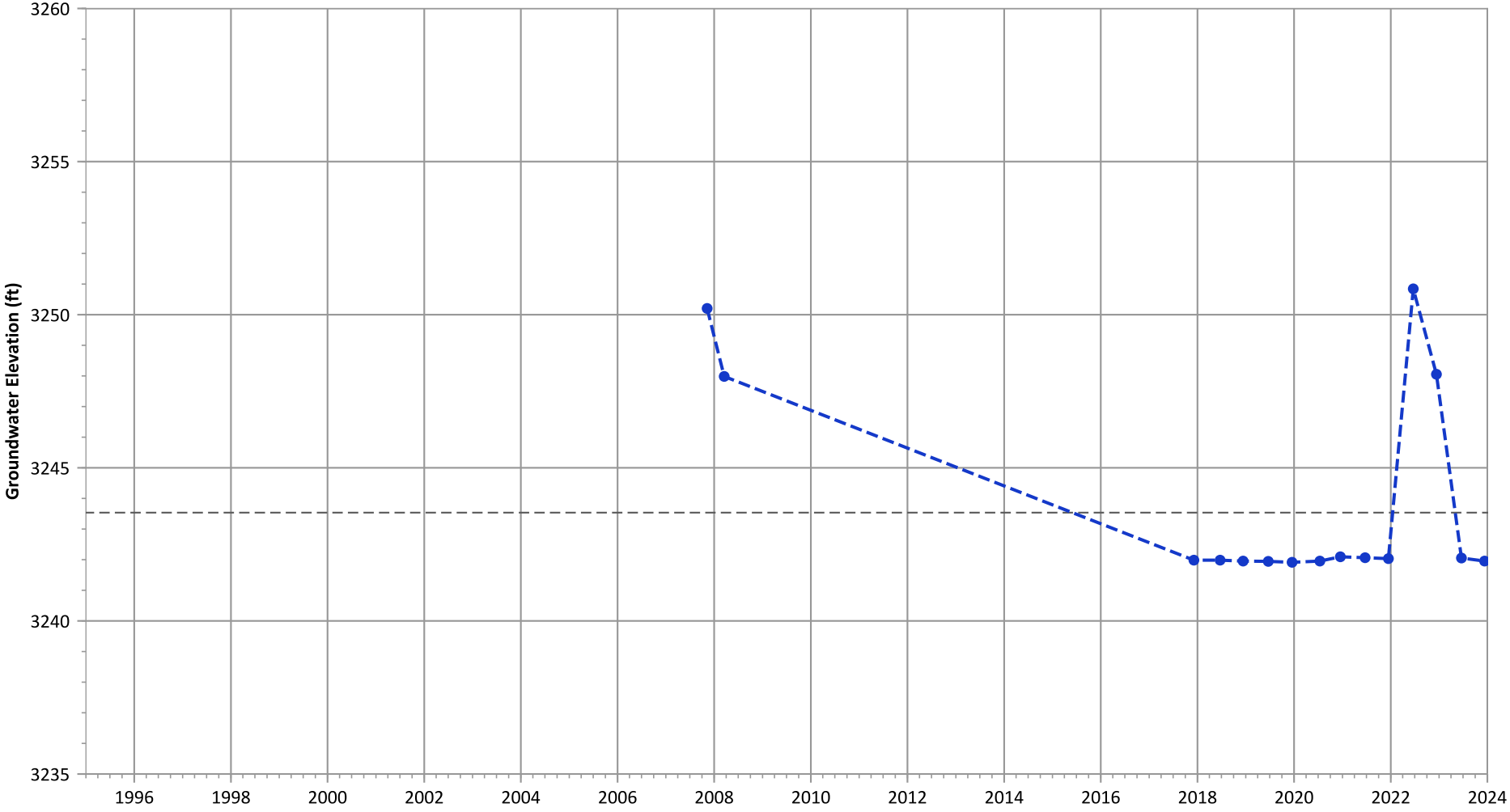
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.4 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.21 ft/yr

PTX06-ISB049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

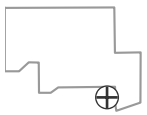


Notes:
1. Top of screen elevation is 3253.54 ft msl.
2. The bottom of screen elevation is 3243.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

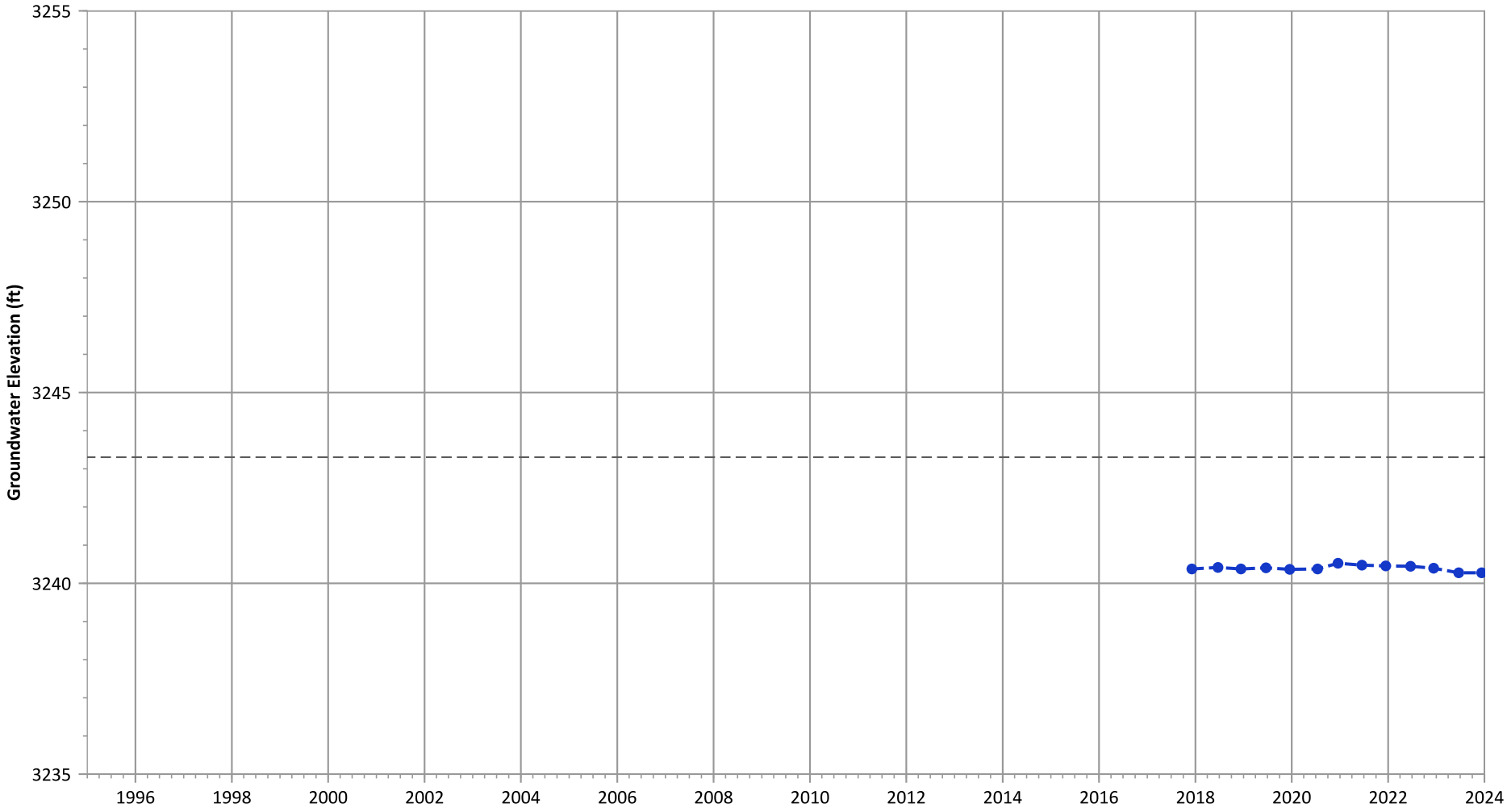
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 6.63 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.57 ft/yr

PTX06-ISB050 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

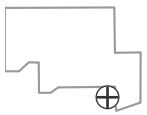


Notes:
1. Top of screen elevation is 3253.3 ft msl.
2. The bottom of screen elevation is 3243.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

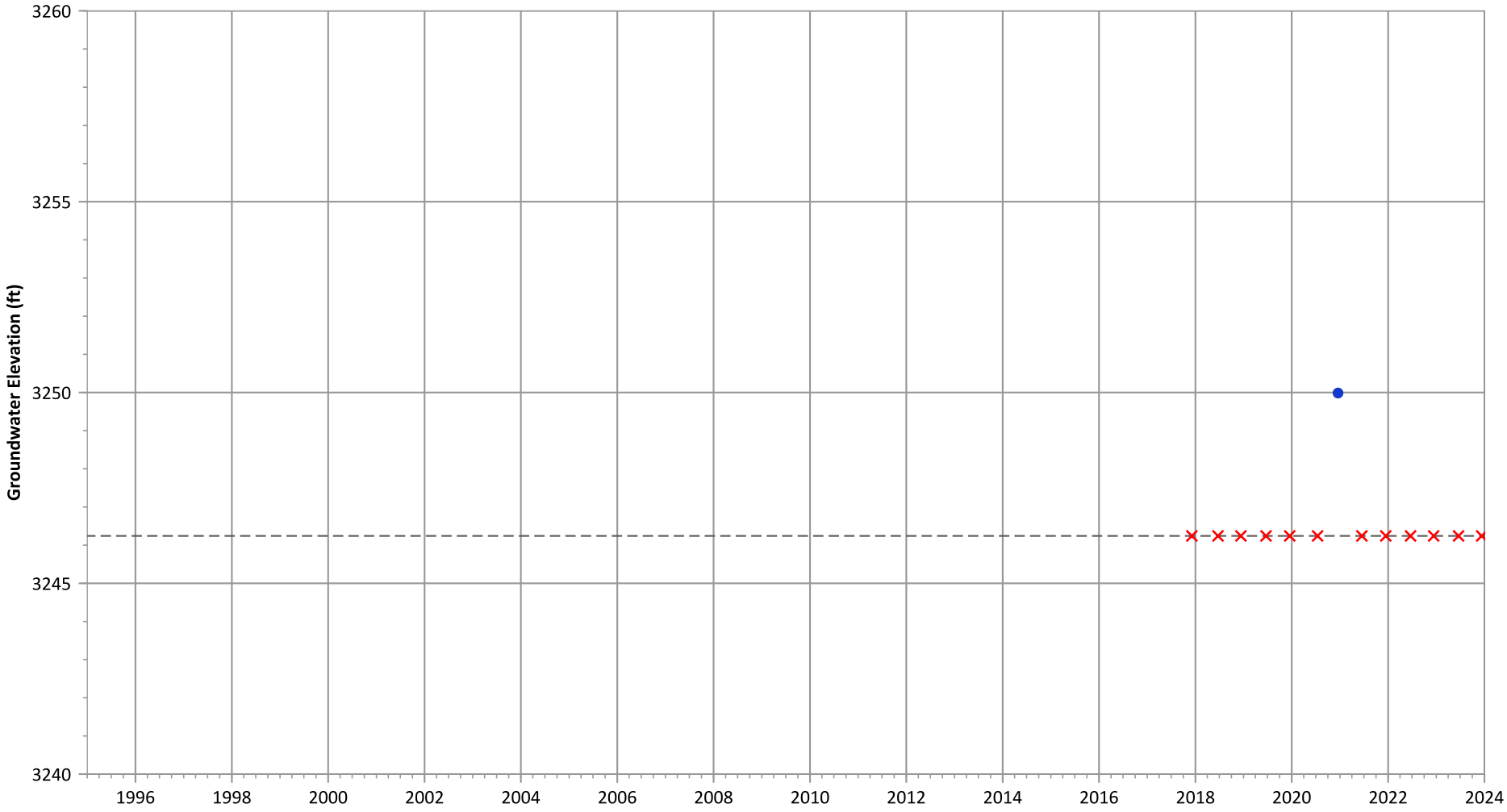
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.13 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB051 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3256.24 ft msl.
2. The bottom of screen elevation is 3246.24 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.

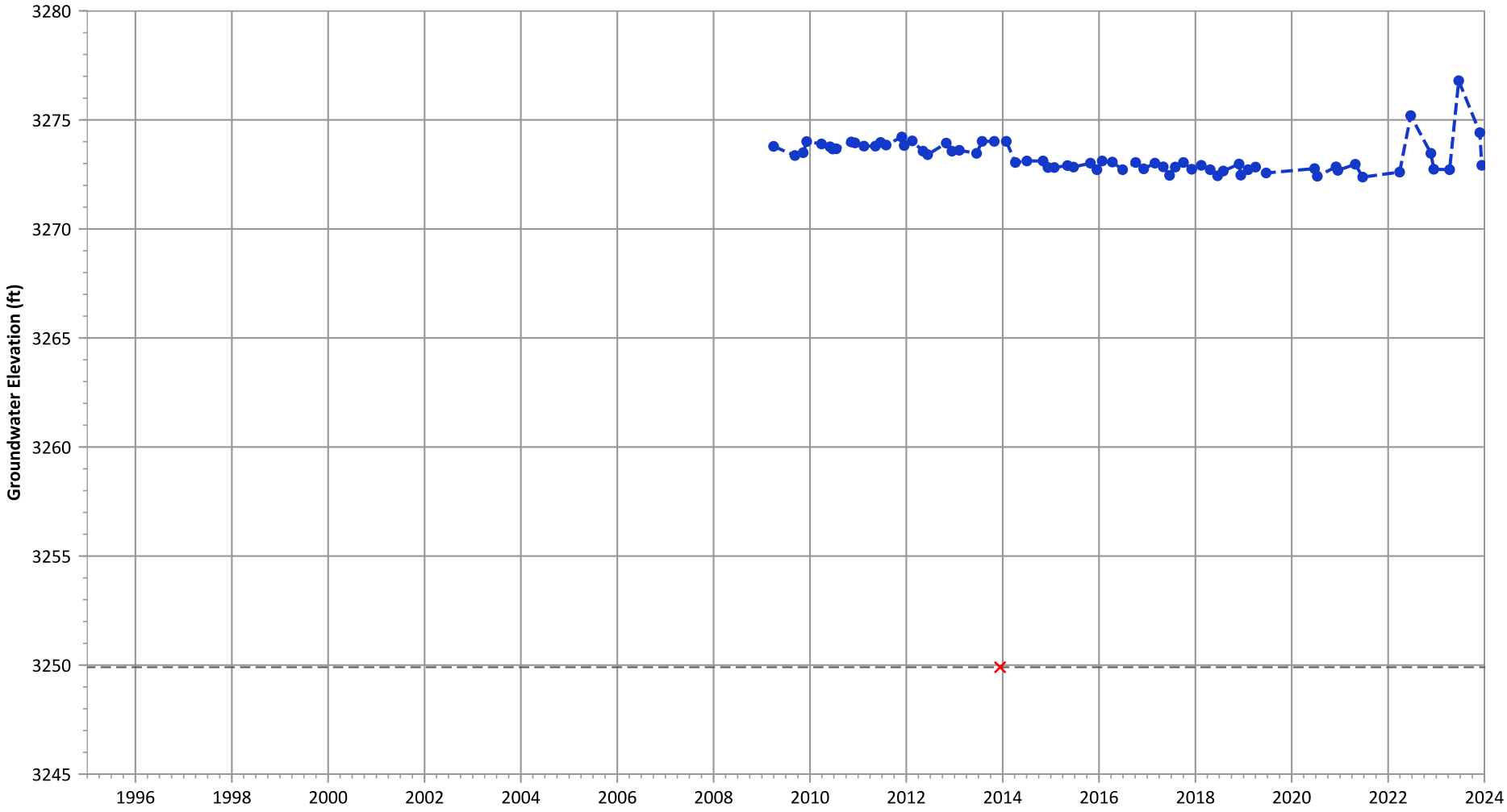
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

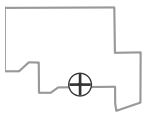


Notes:
1. Top of screen elevation is 3269.9 ft msl.
2. The bottom of screen elevation is 3249.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

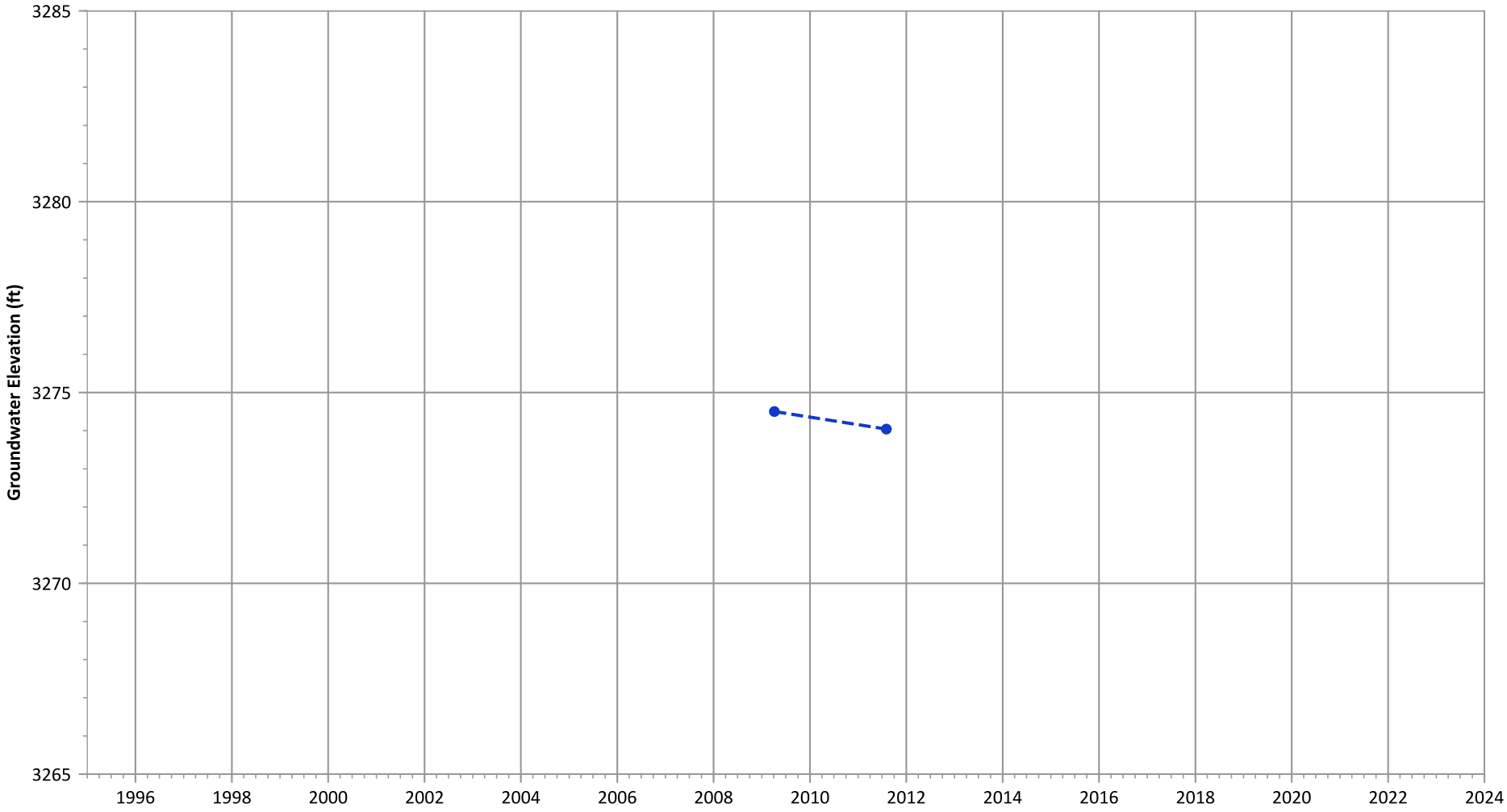
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.37 ft/yr
Data (7/2009 - 12/2023): 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.

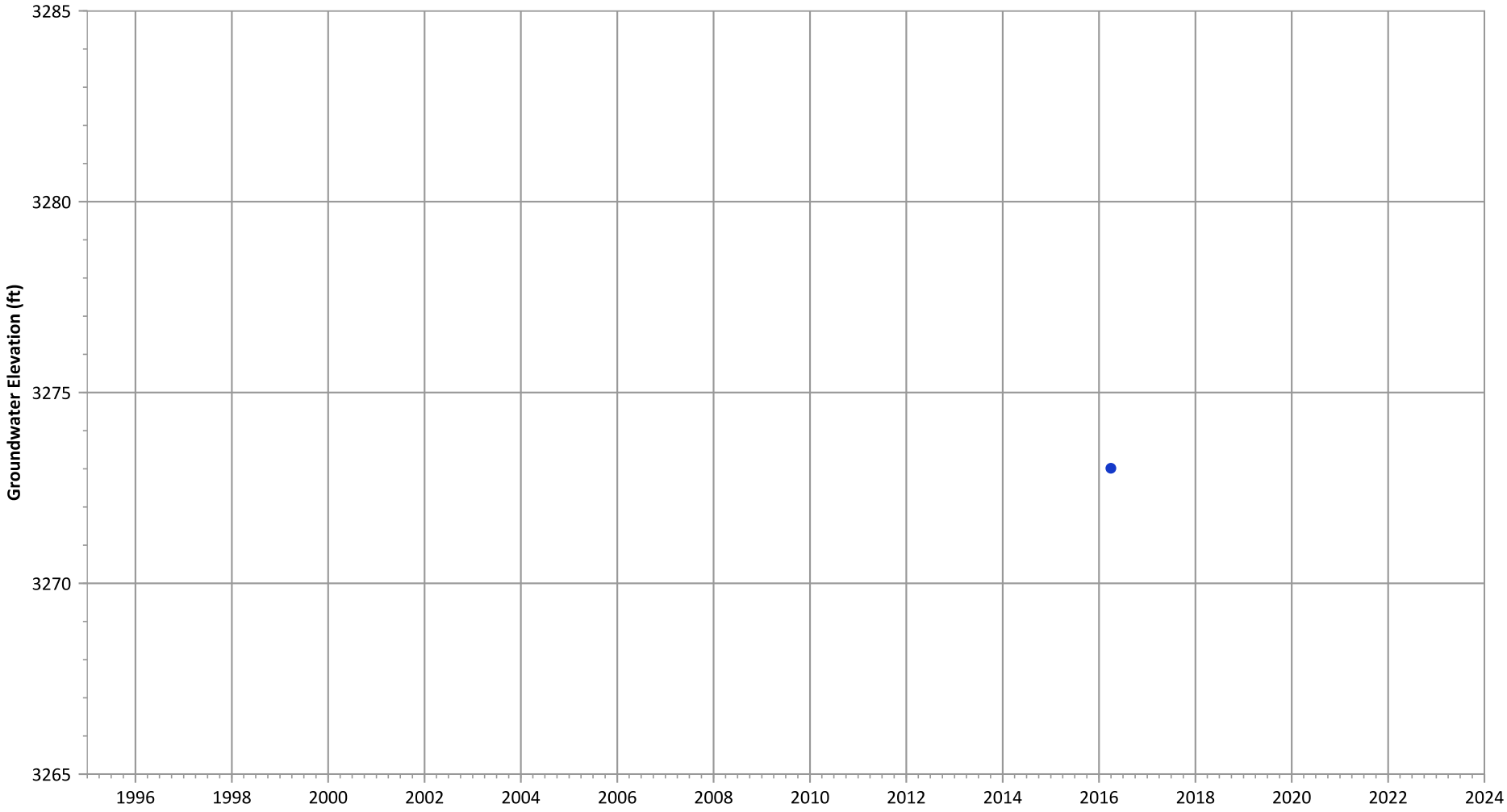
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB058 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

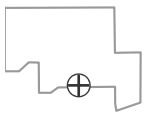


Notes:
1. Top of screen elevation is 3272.72 ft msl.
2. The bottom of screen elevation is 3252.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

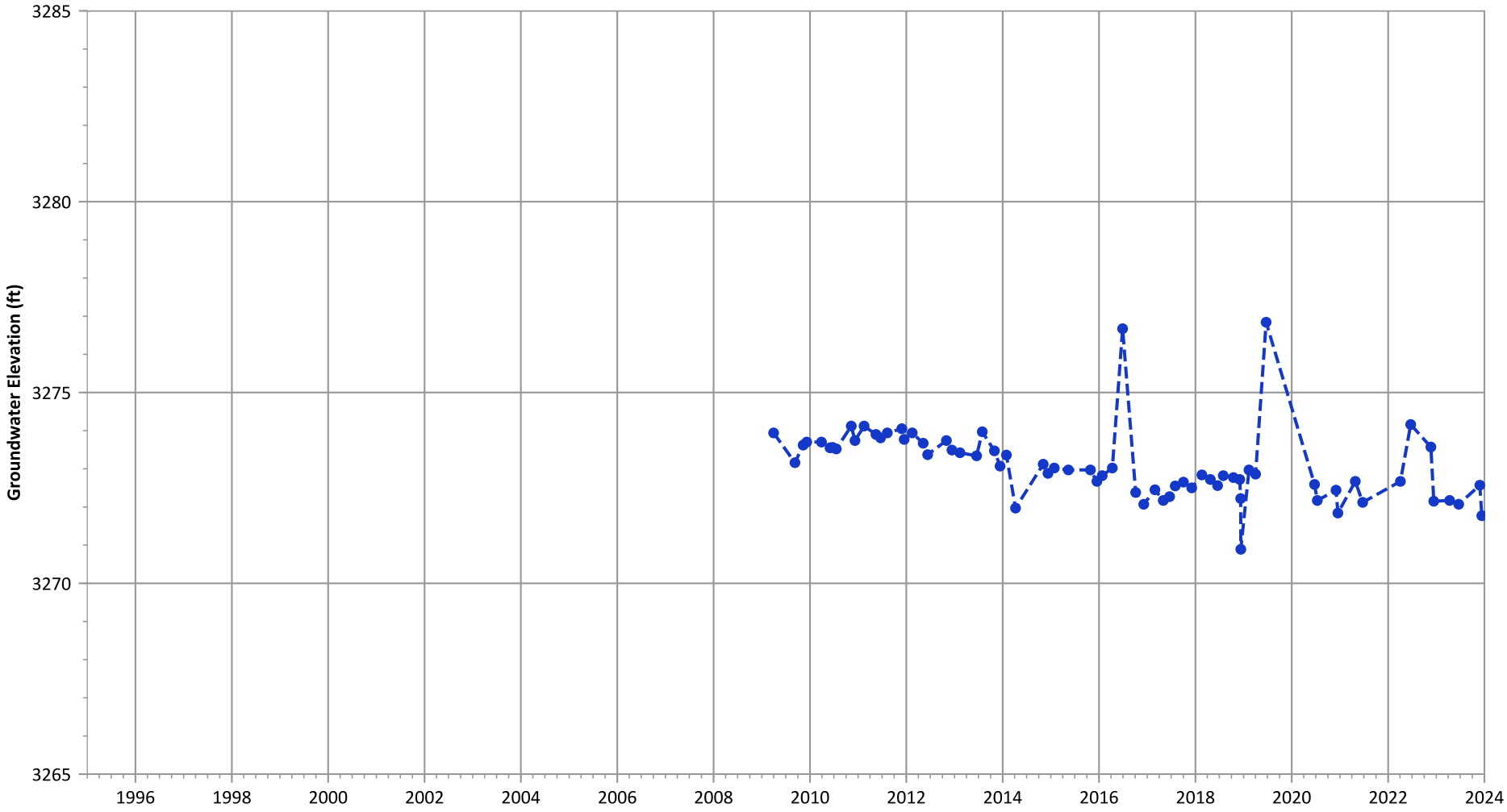
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB059 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

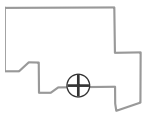


Notes:
1. Top of screen elevation is 3271.55 ft msl.
2. The bottom of screen elevation is 3251.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

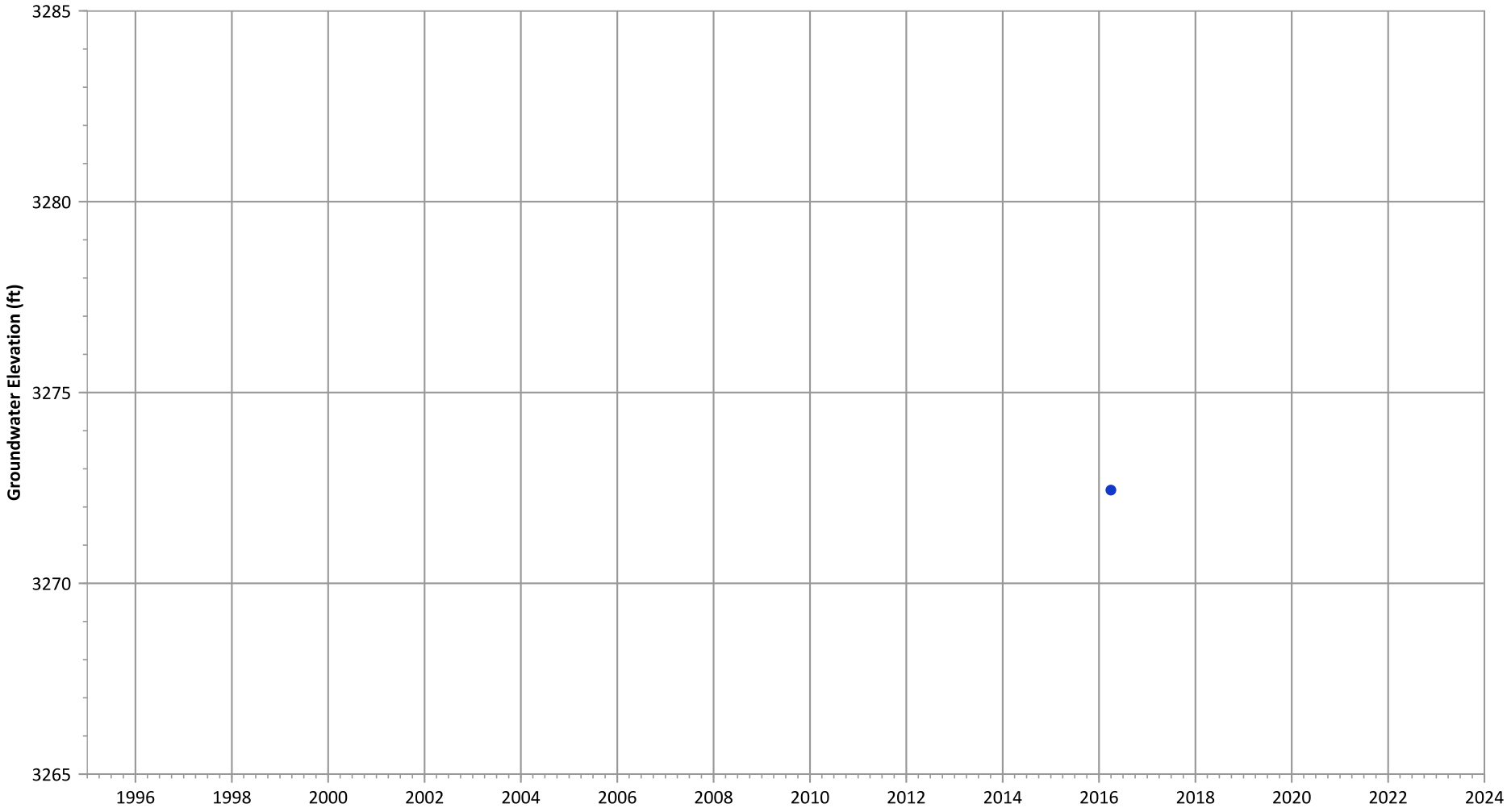
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.81 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.1 ft/yr

PTX06-ISB060A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

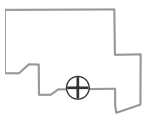


Notes:
1. Top of screen elevation is 3273.38 ft msl.
2. The bottom of screen elevation is 3253.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

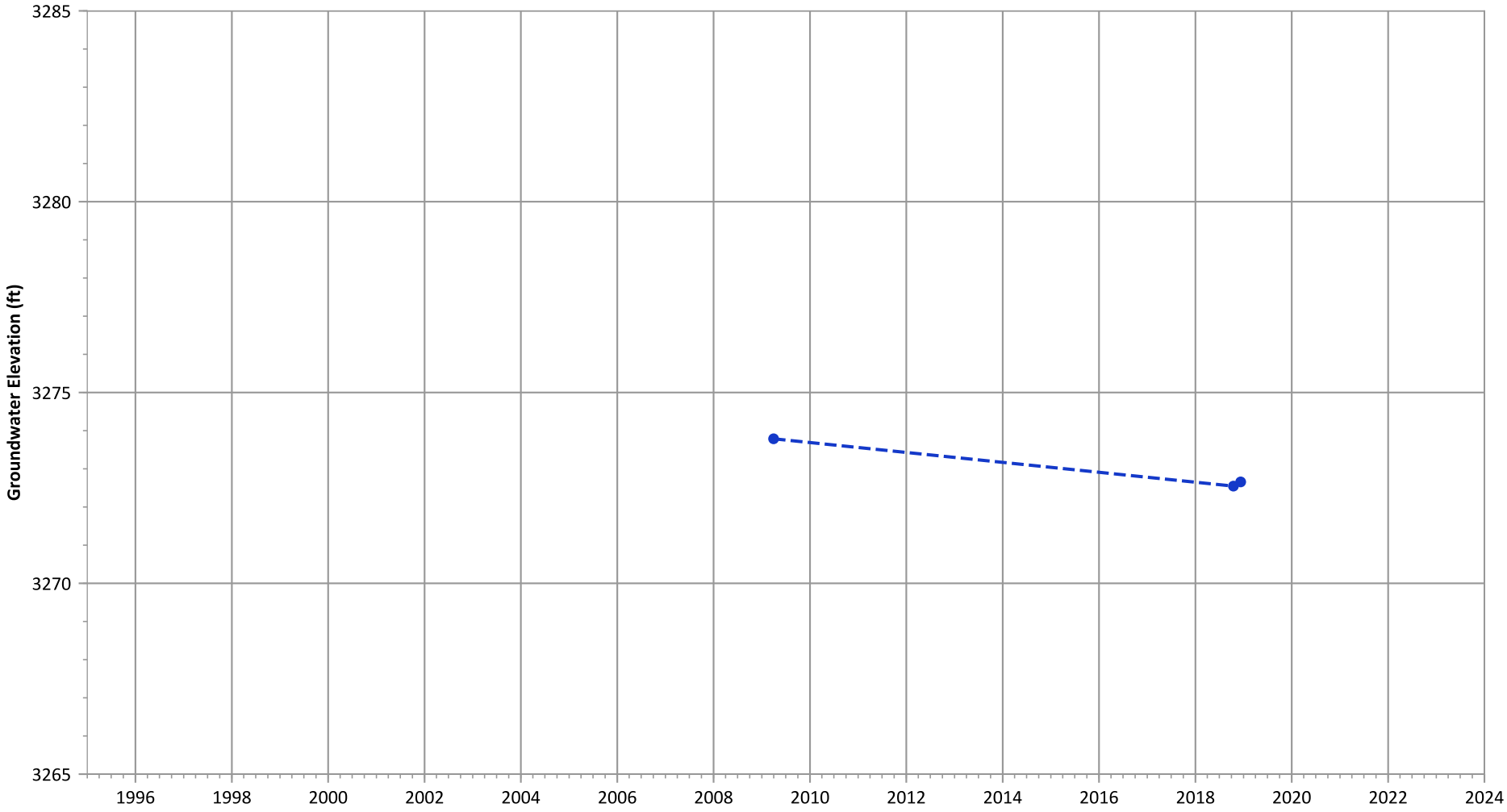
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB061 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

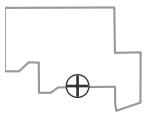


Notes:
1. Top of screen elevation is 3272.95 ft msl.
2. The bottom of screen elevation is 3253.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

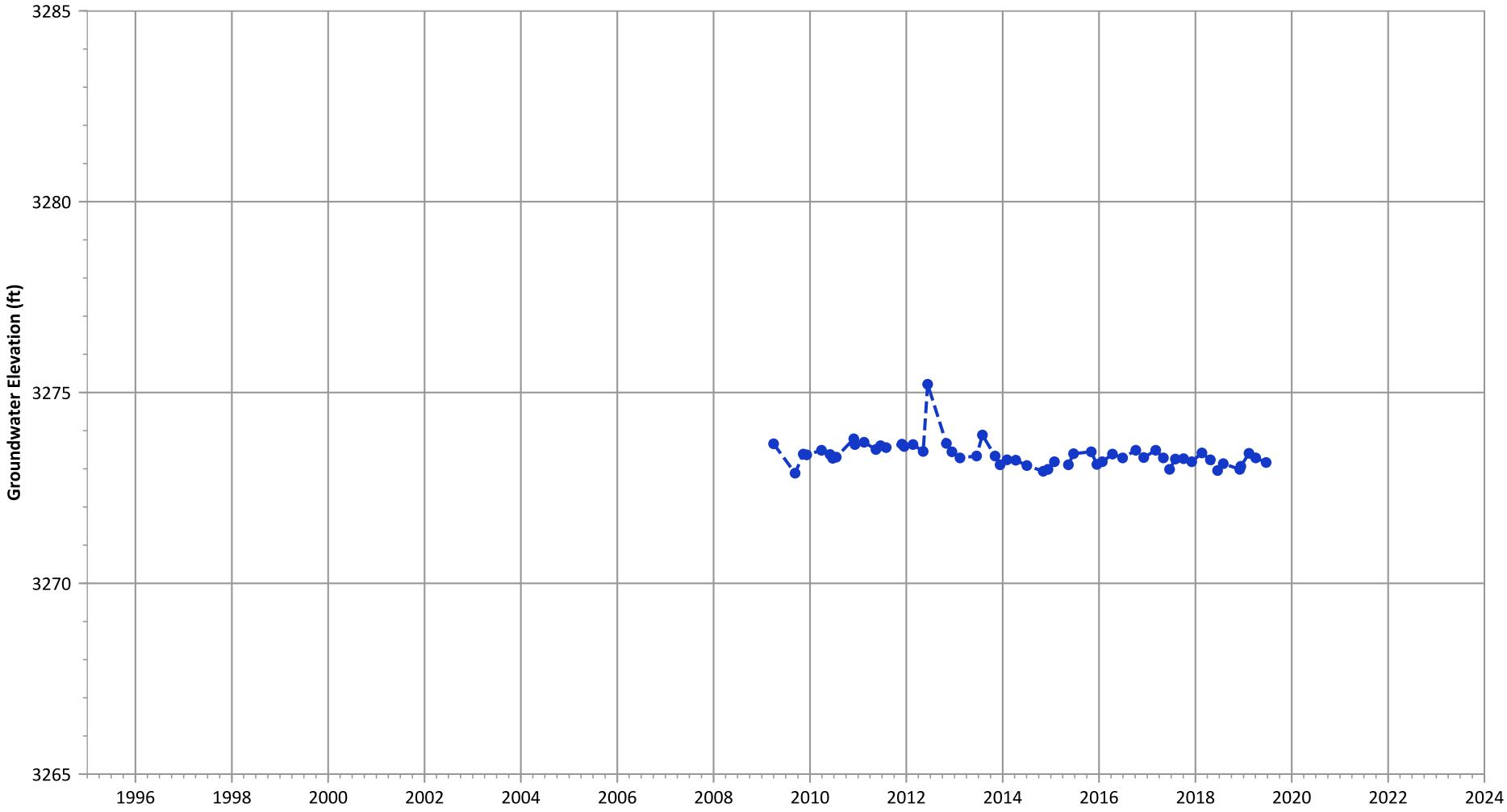
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB063 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

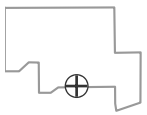


Notes:
1. Top of screen elevation is 3276.7 ft msl.
2. The bottom of screen elevation is 3256.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

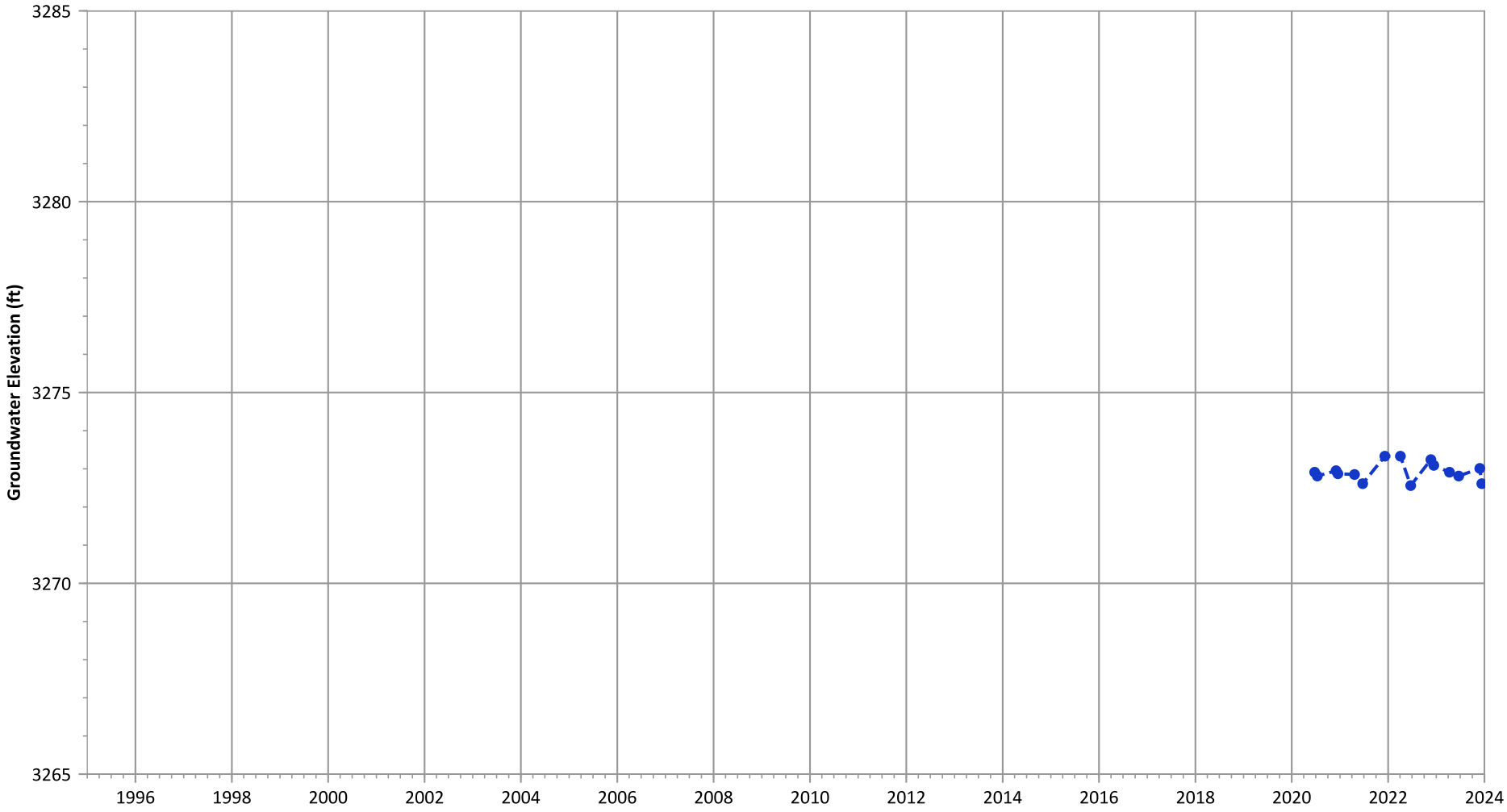
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB064 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

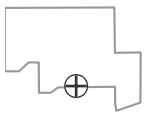


Notes:
1. Top of screen elevation is 3273.76 ft msl.
2. The bottom of screen elevation is 3253.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

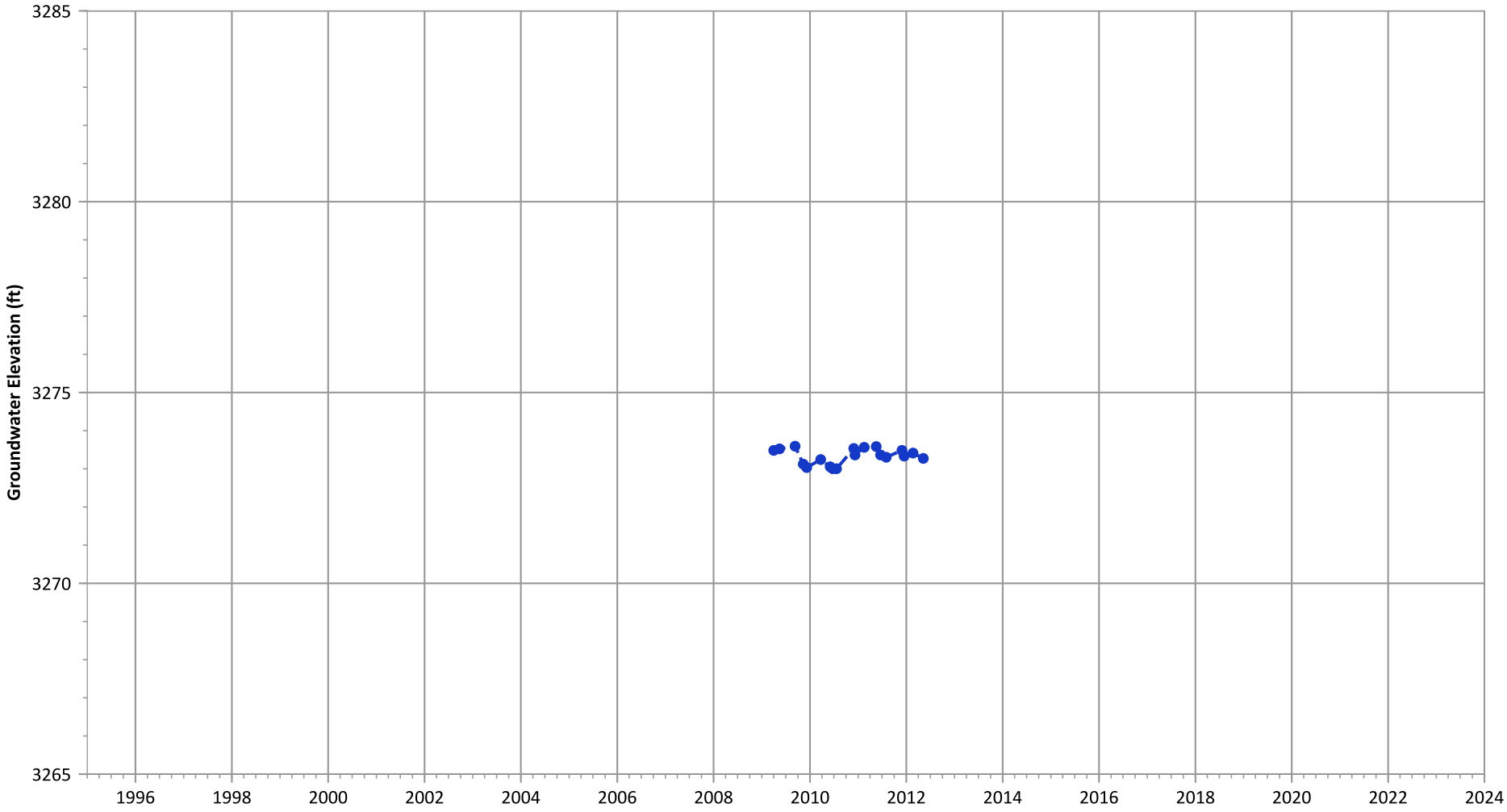
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.17 ft/yr
Data (7/2009 - 12/2023): 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.

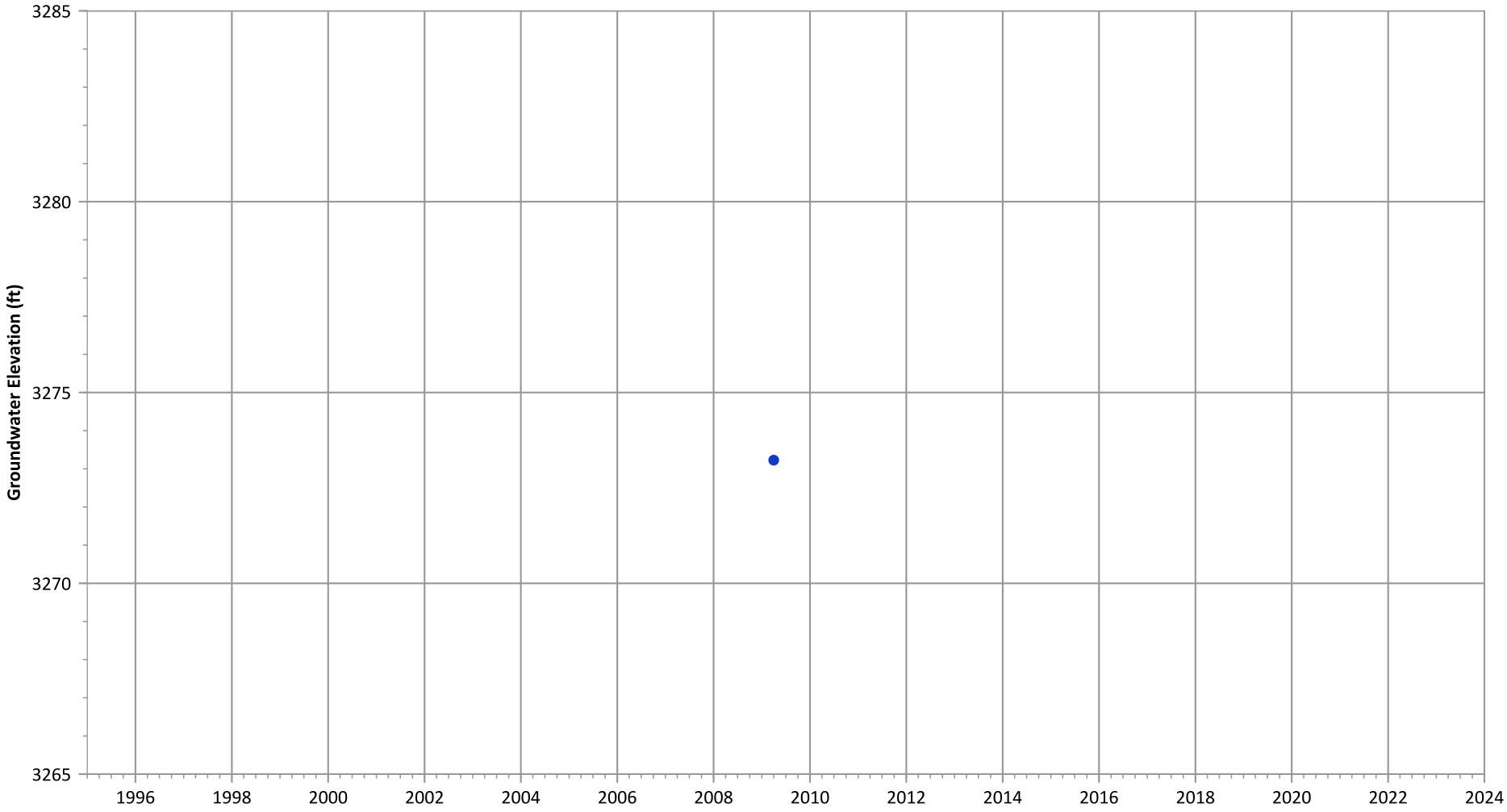
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB067 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

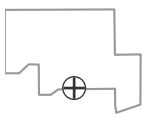


Notes:
1. Top of screen elevation is 3275.56 ft msl.
2. The bottom of screen elevation is 3255.56 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

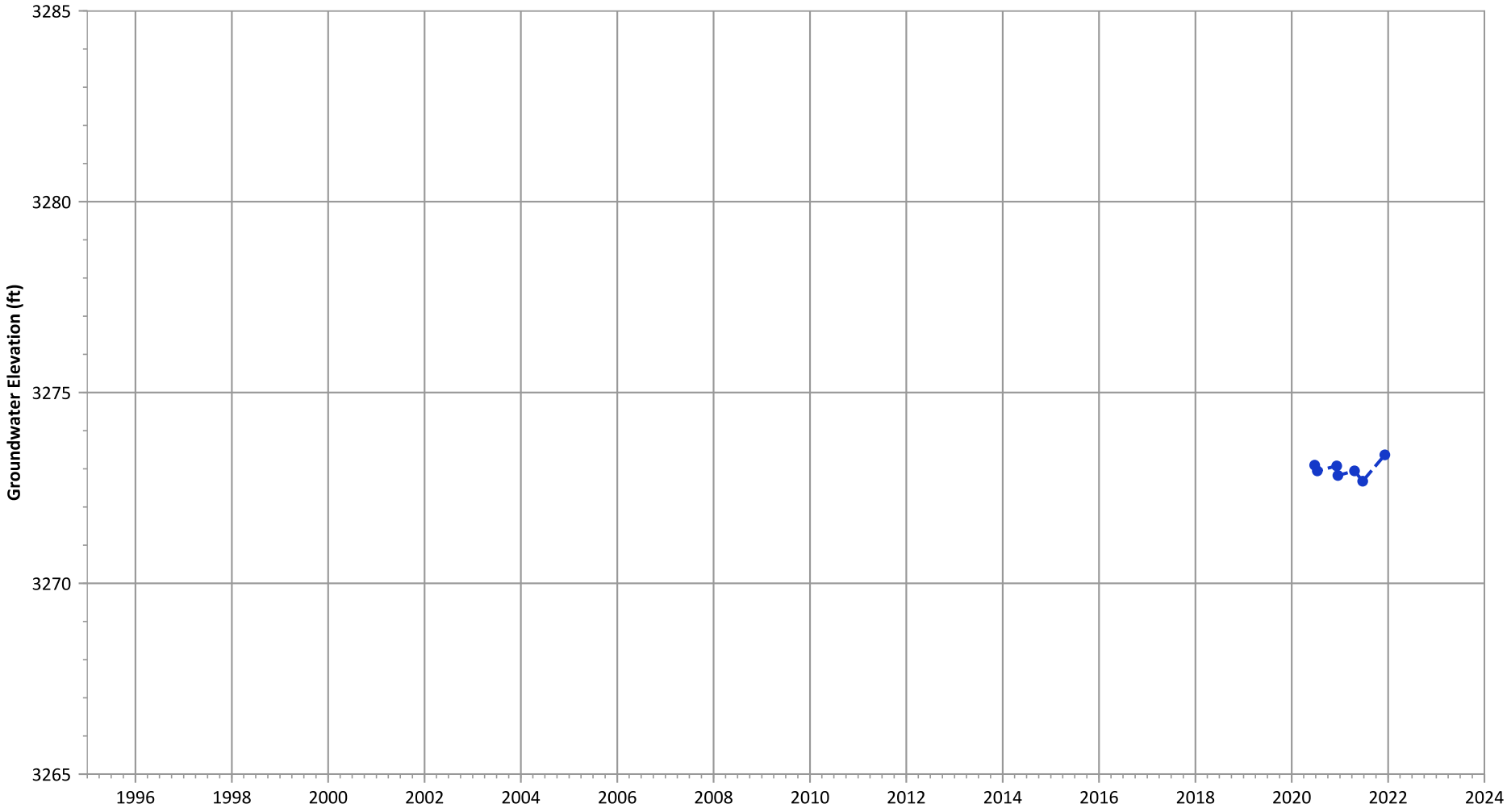
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB068 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

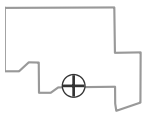


Notes:
1. Top of screen elevation is 3275.67 ft msl.
2. The bottom of screen elevation is 3255.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

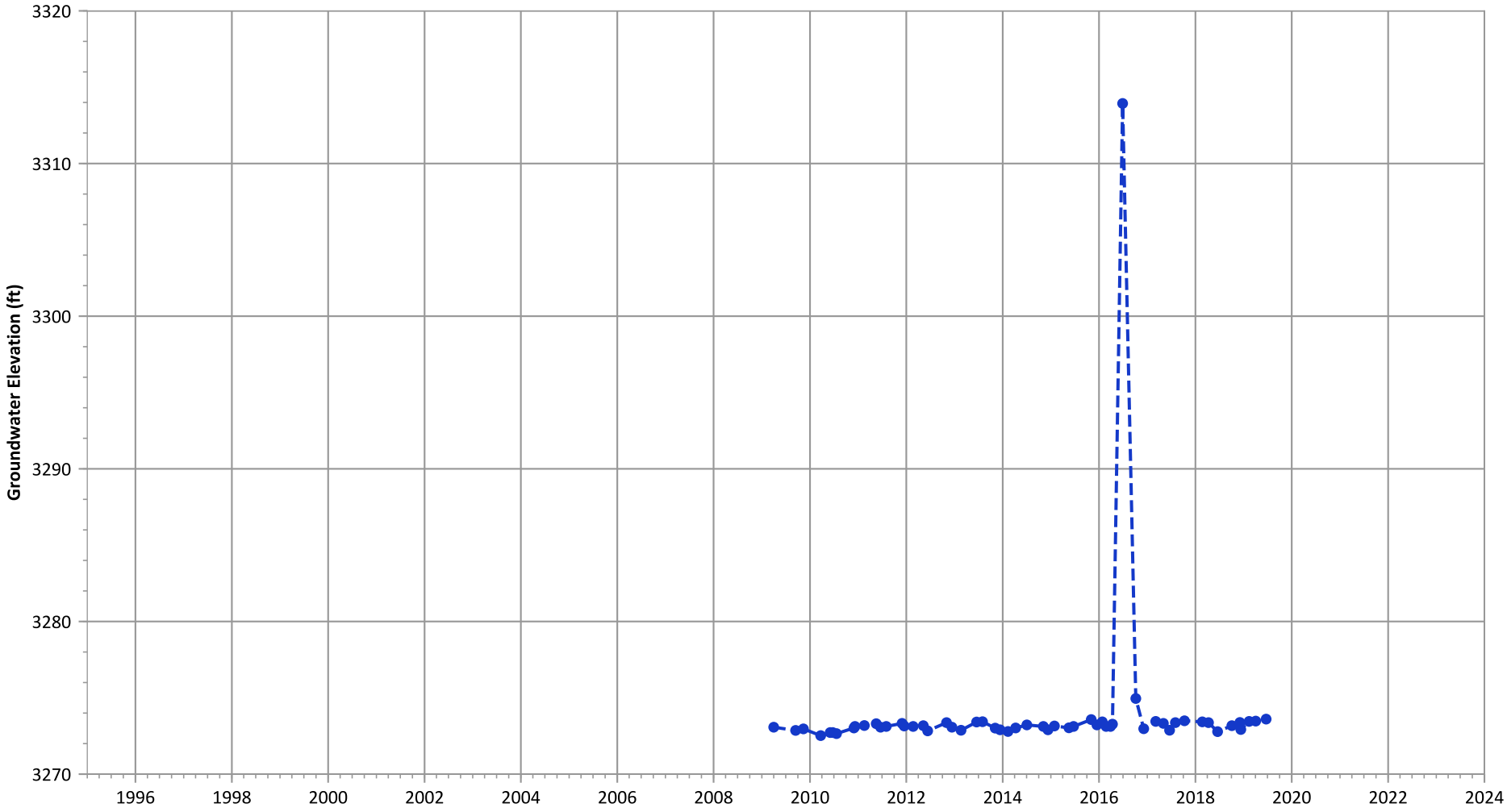
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB069A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

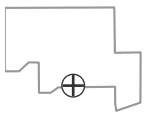


Notes:
1. Top of screen elevation is 3276.05 ft msl.
2. The bottom of screen elevation is 3256.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

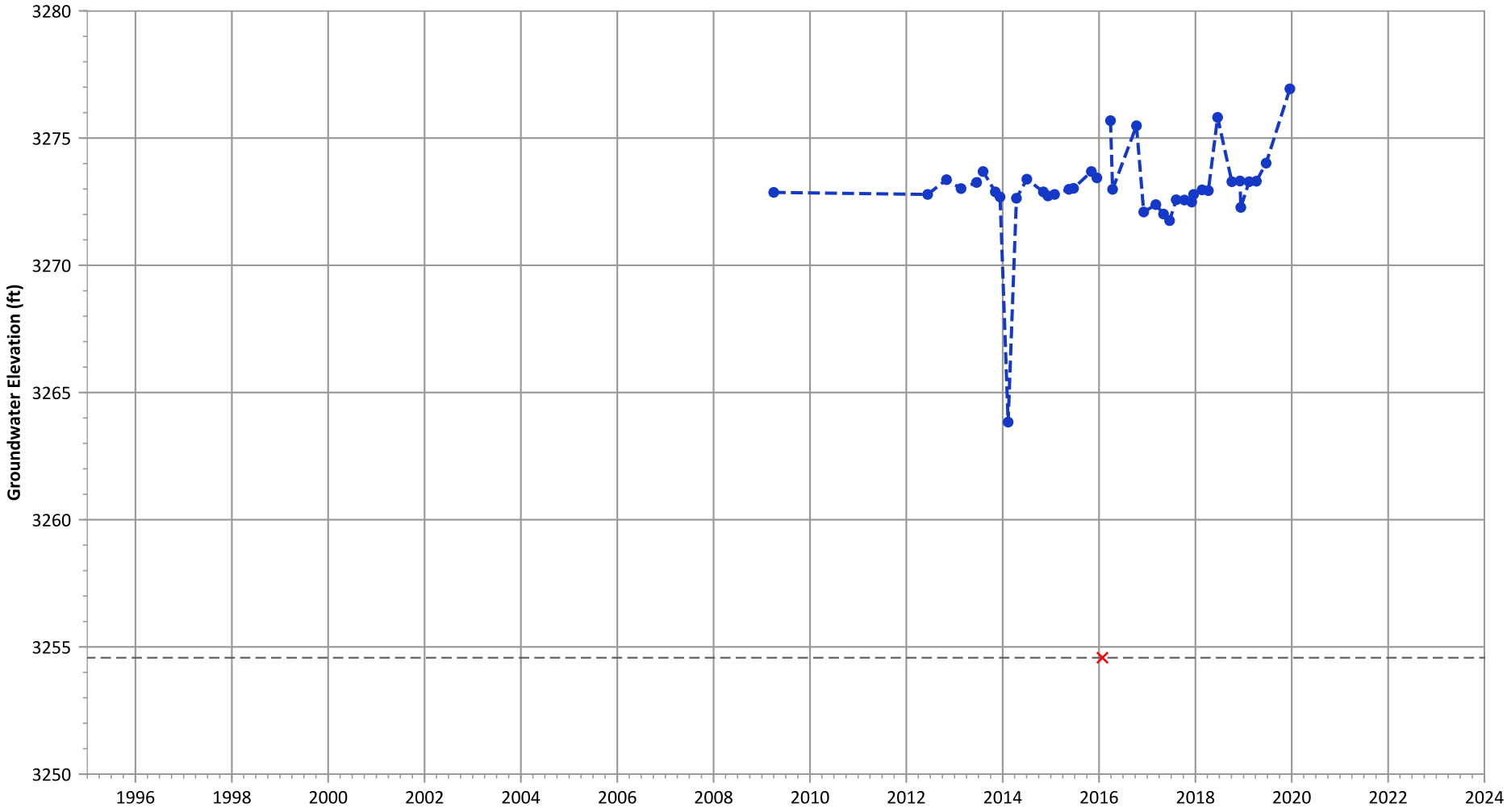
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.22 ft/yr

PTX06-ISB071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

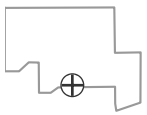


Notes:
1. Top of screen elevation is 3274.57 ft msl.
2. The bottom of screen elevation is 3254.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

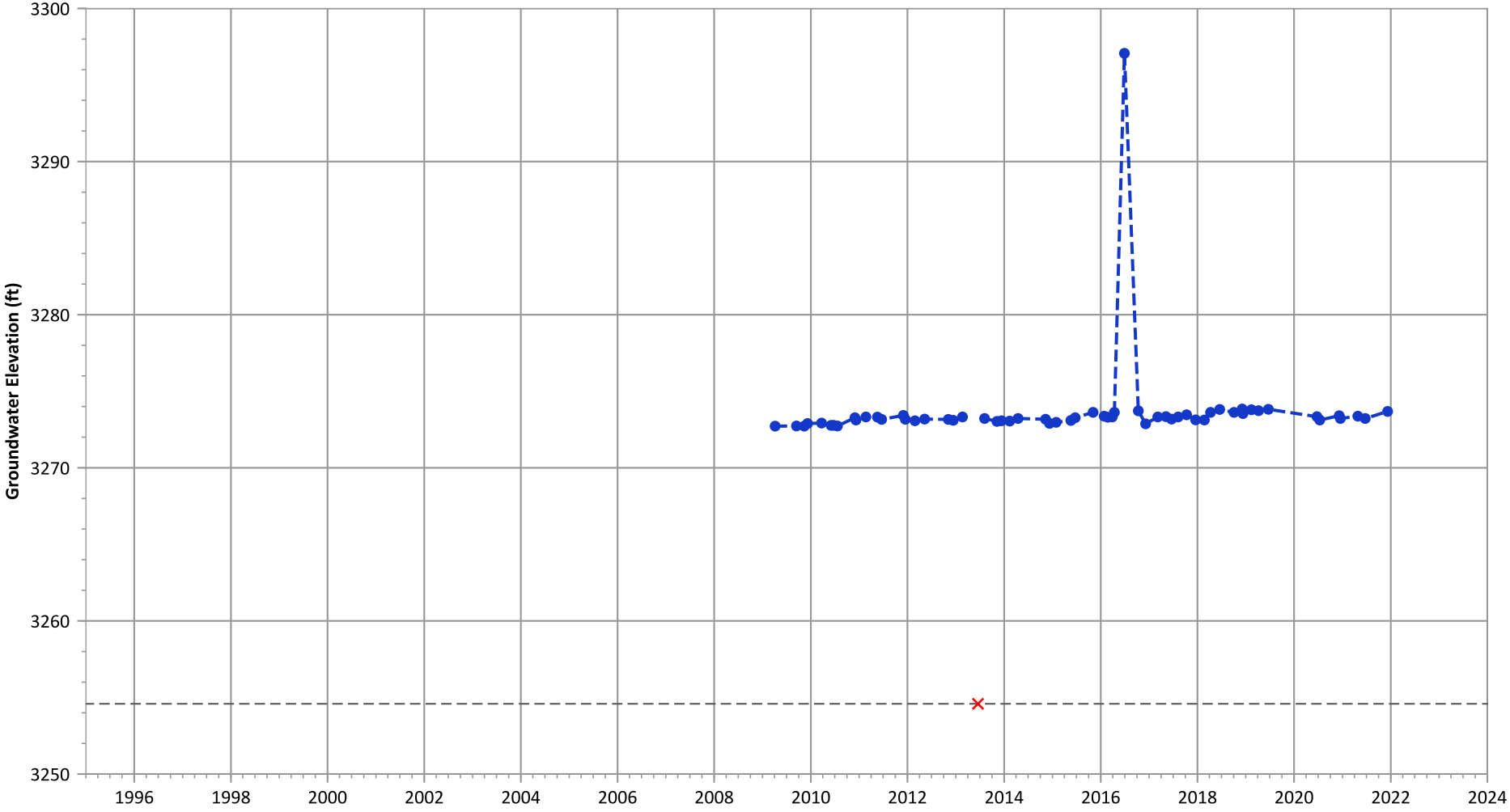
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.23 ft/yr

PTX06-ISB073 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

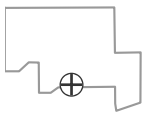


Notes:
1. Top of screen elevation is 3274.59 ft msl.
2. The bottom of screen elevation is 3254.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

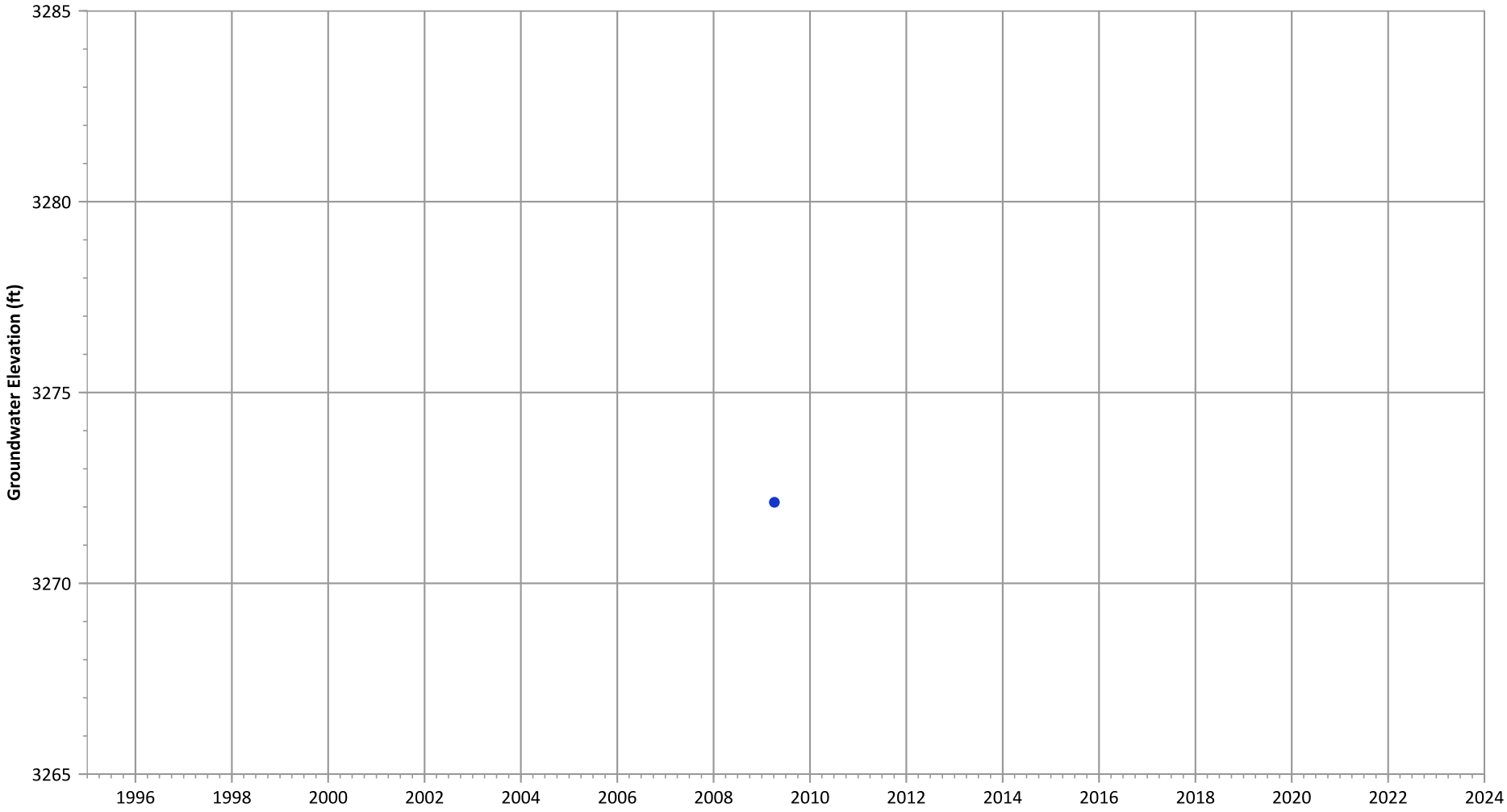
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB074 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

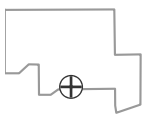


Notes:
1. Top of screen elevation is 3279.2 ft msl.
2. The bottom of screen elevation is 3259.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

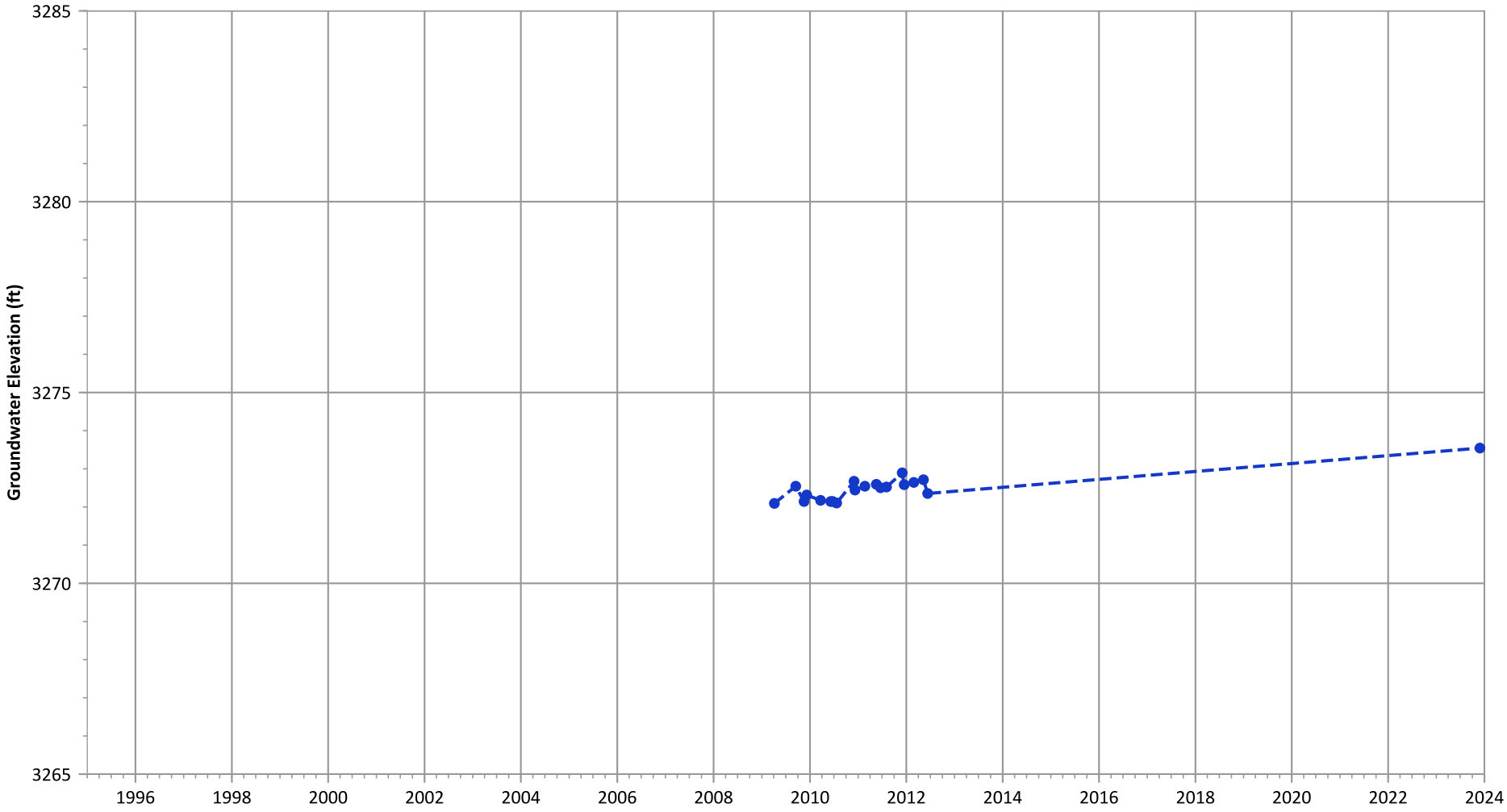
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB075 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

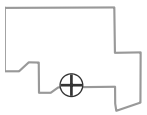


Notes:
1. Top of screen elevation is 3276.45 ft msl.
2. The bottom of screen elevation is 3256.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

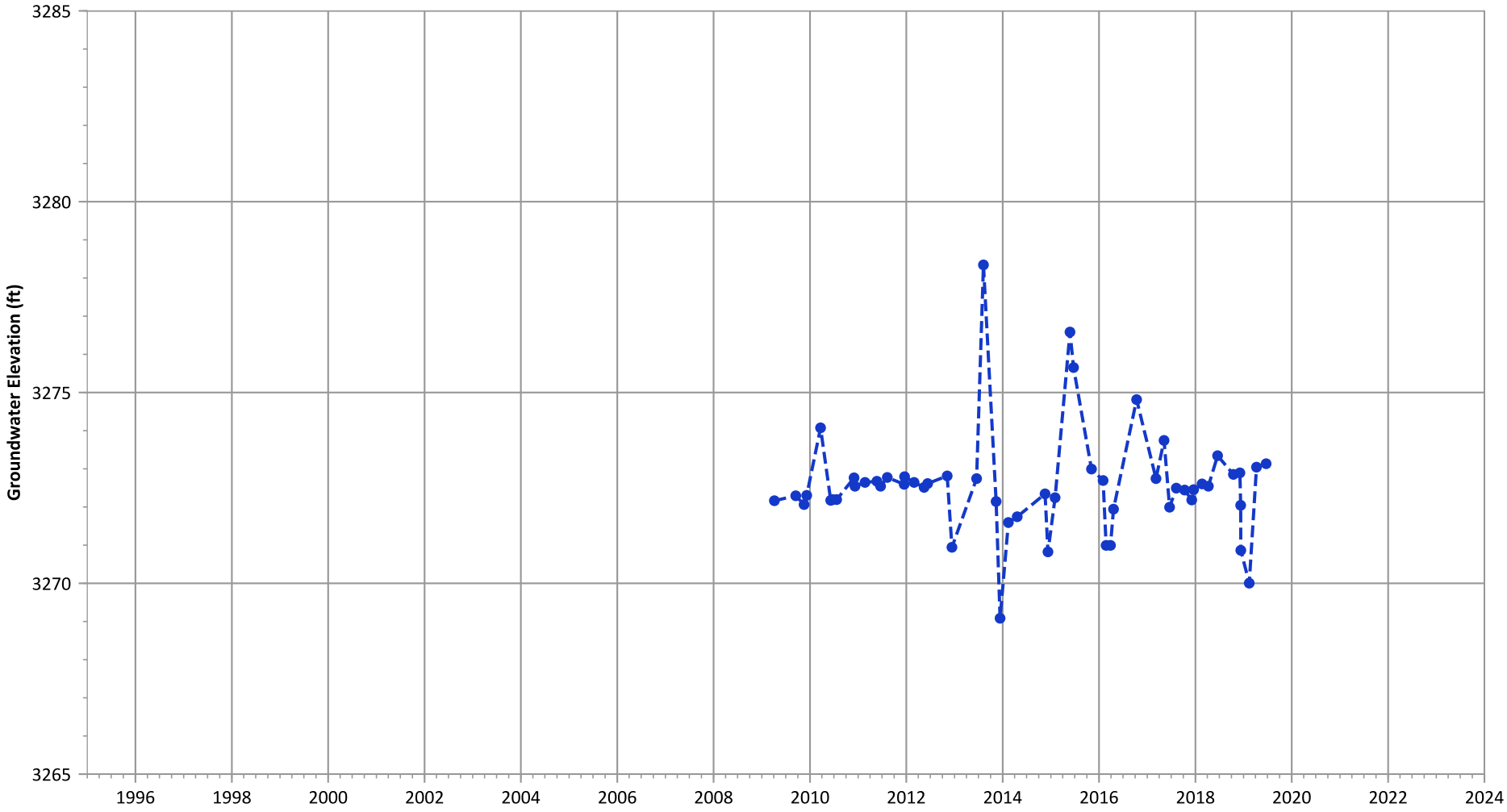
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB077 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

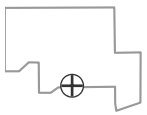


Notes:
1. Top of screen elevation is 3275.82 ft msl.
2. The bottom of screen elevation is 3255.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

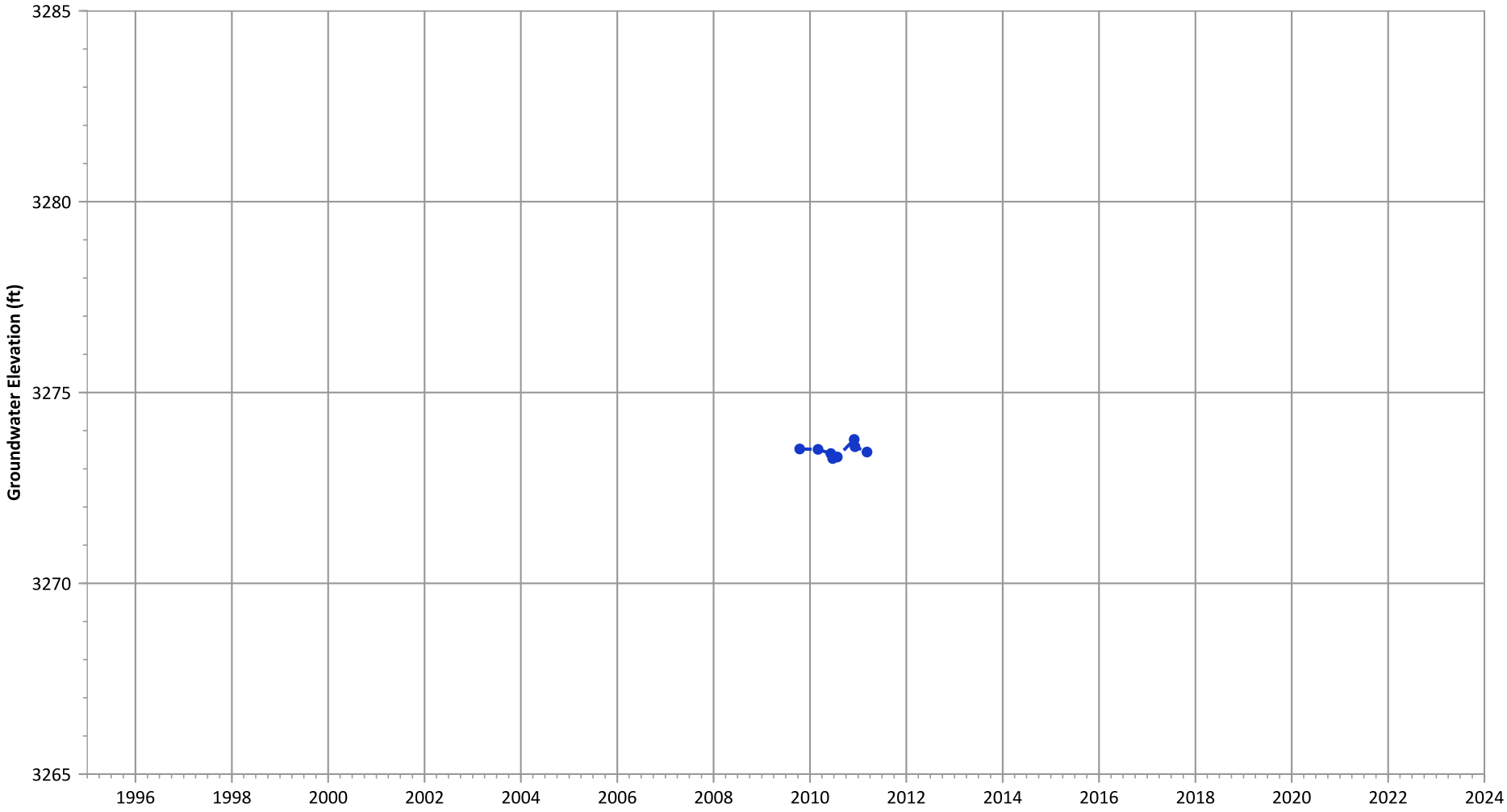
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB078 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3275.41 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.

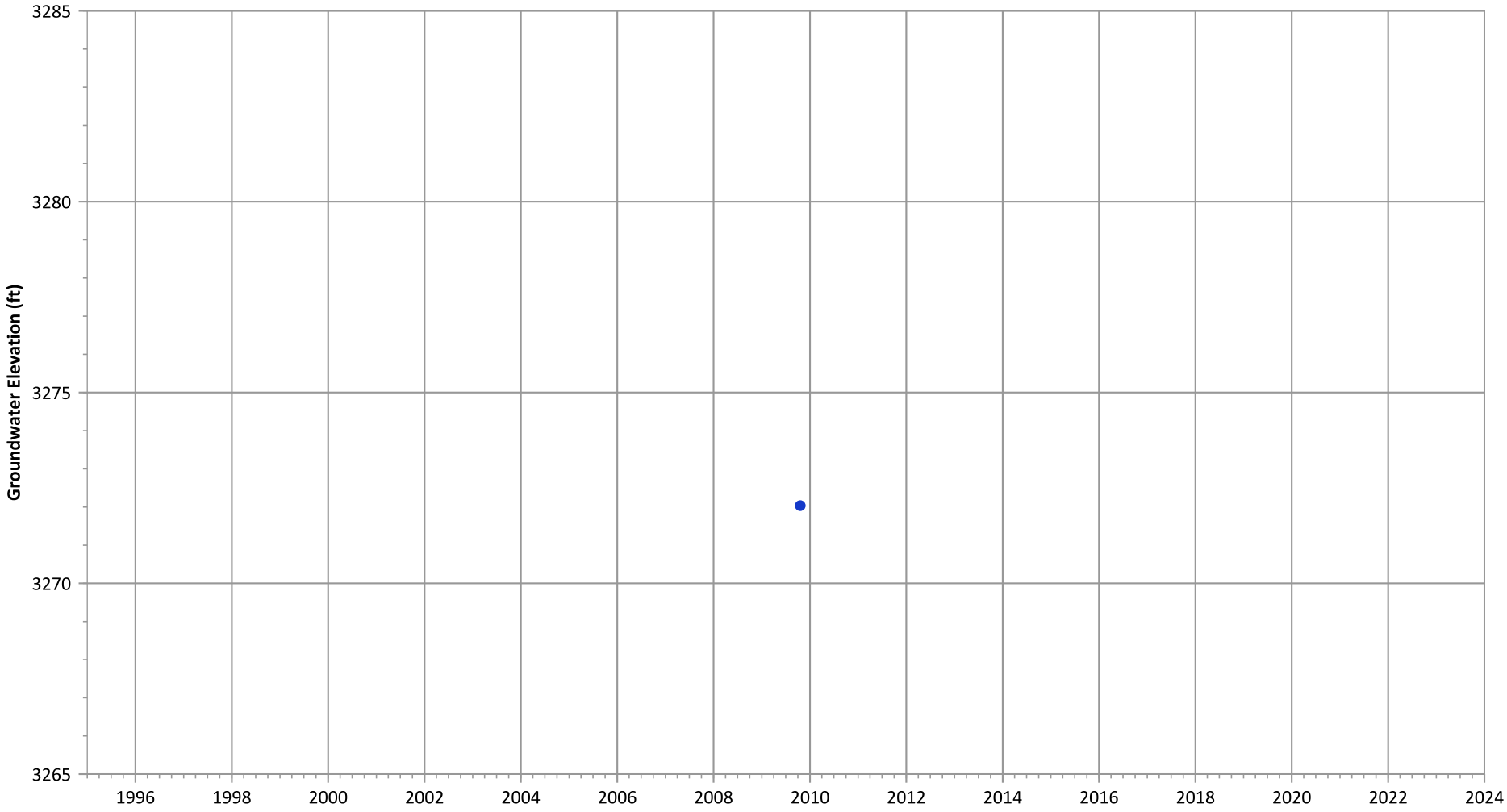
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

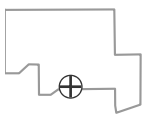


Notes:
1. Top of screen elevation is 3278.95 ft msl.
2. The bottom of screen elevation is 3258.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

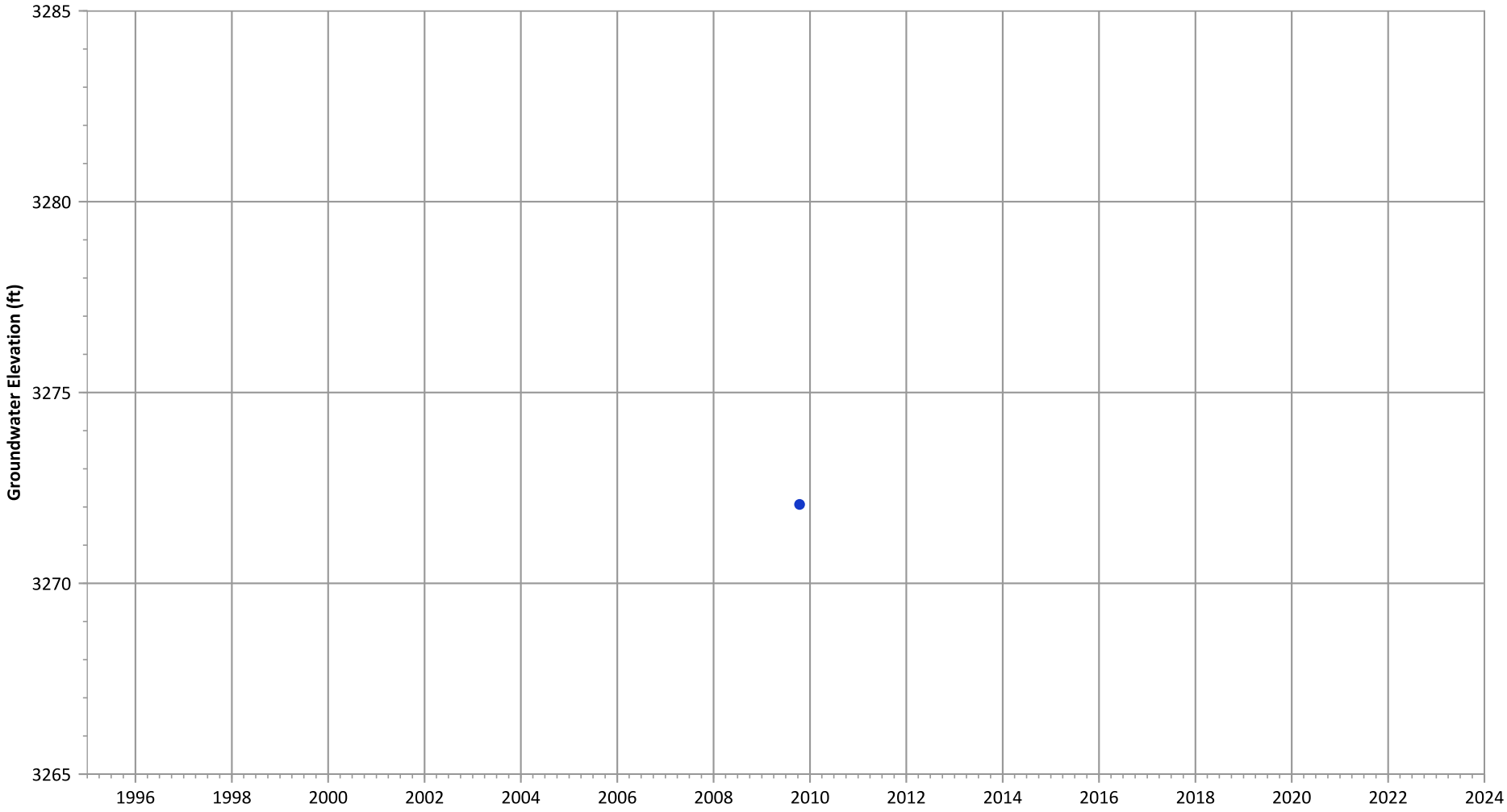
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB084 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

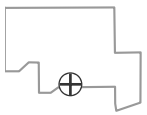


Notes:
1. Top of screen elevation is 3272.93 ft msl.
2. The bottom of screen elevation is 3257.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

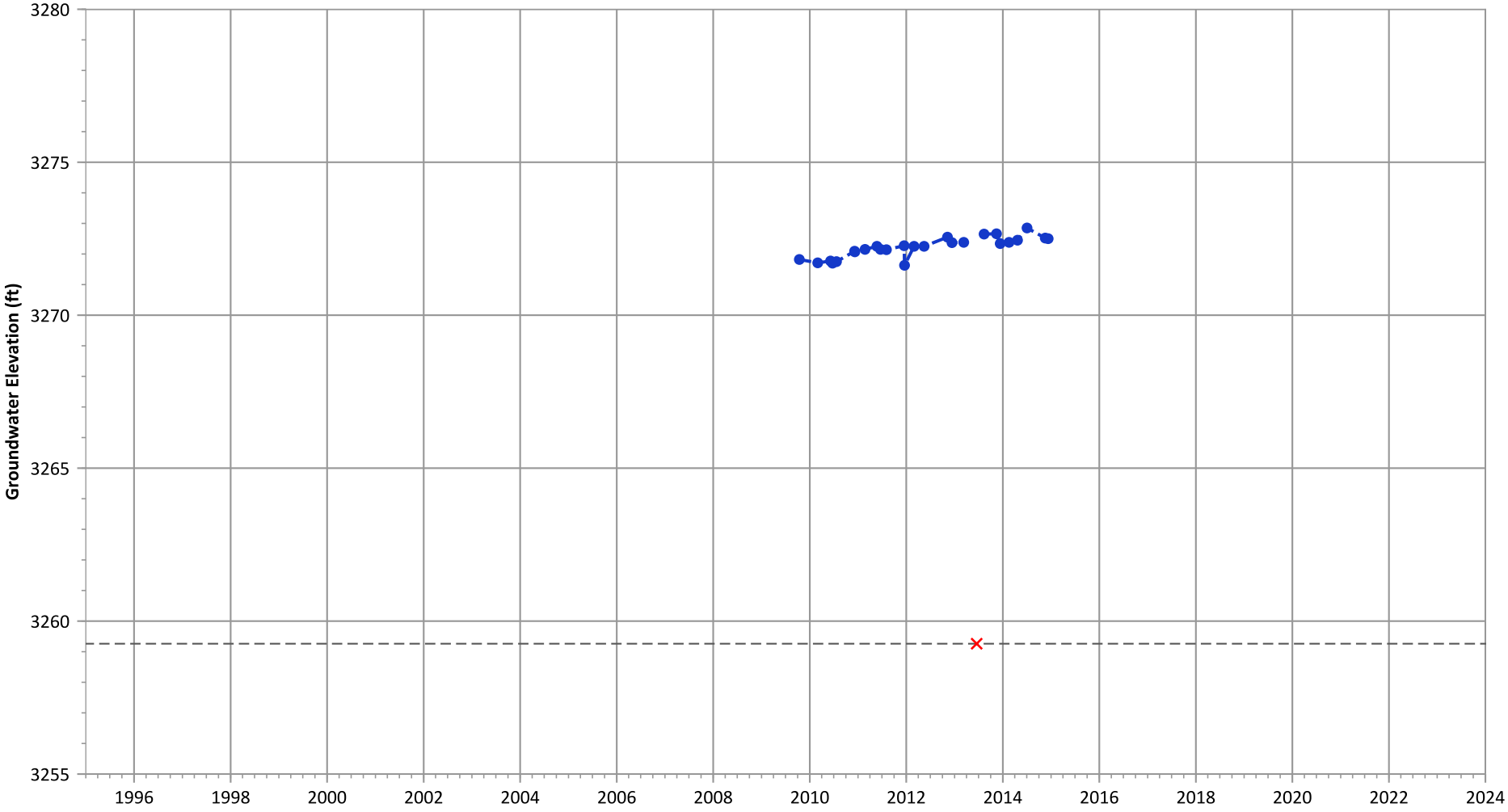
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB085A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

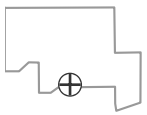


Notes:
1. Top of screen elevation is 3279.26 ft msl.
2. The bottom of screen elevation is 3259.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

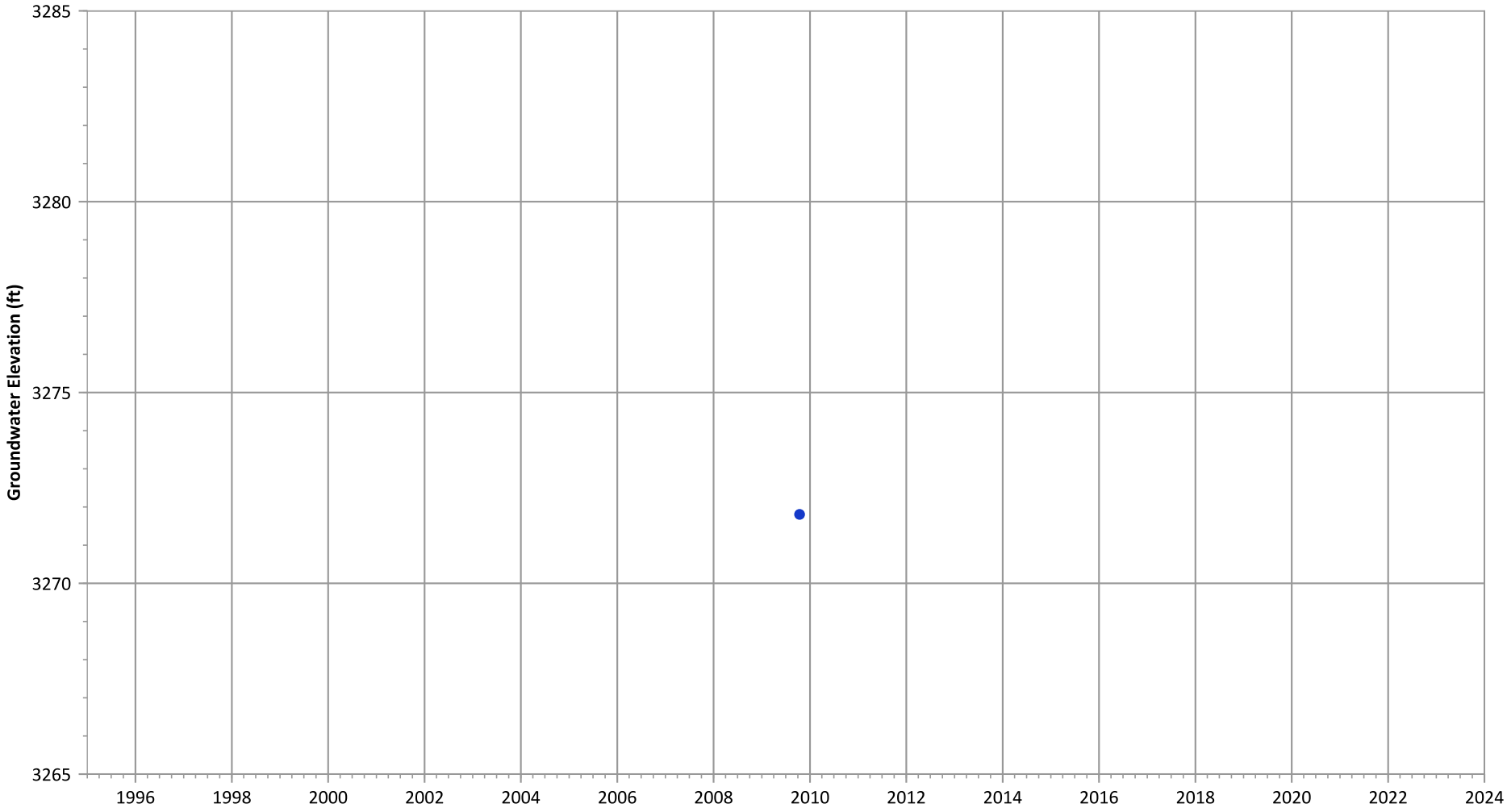
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.18 ft/yr

PTX06-ISB086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

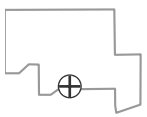


Notes:
1. Top of screen elevation is 3278.7 ft msl.
2. The bottom of screen elevation is 3258.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

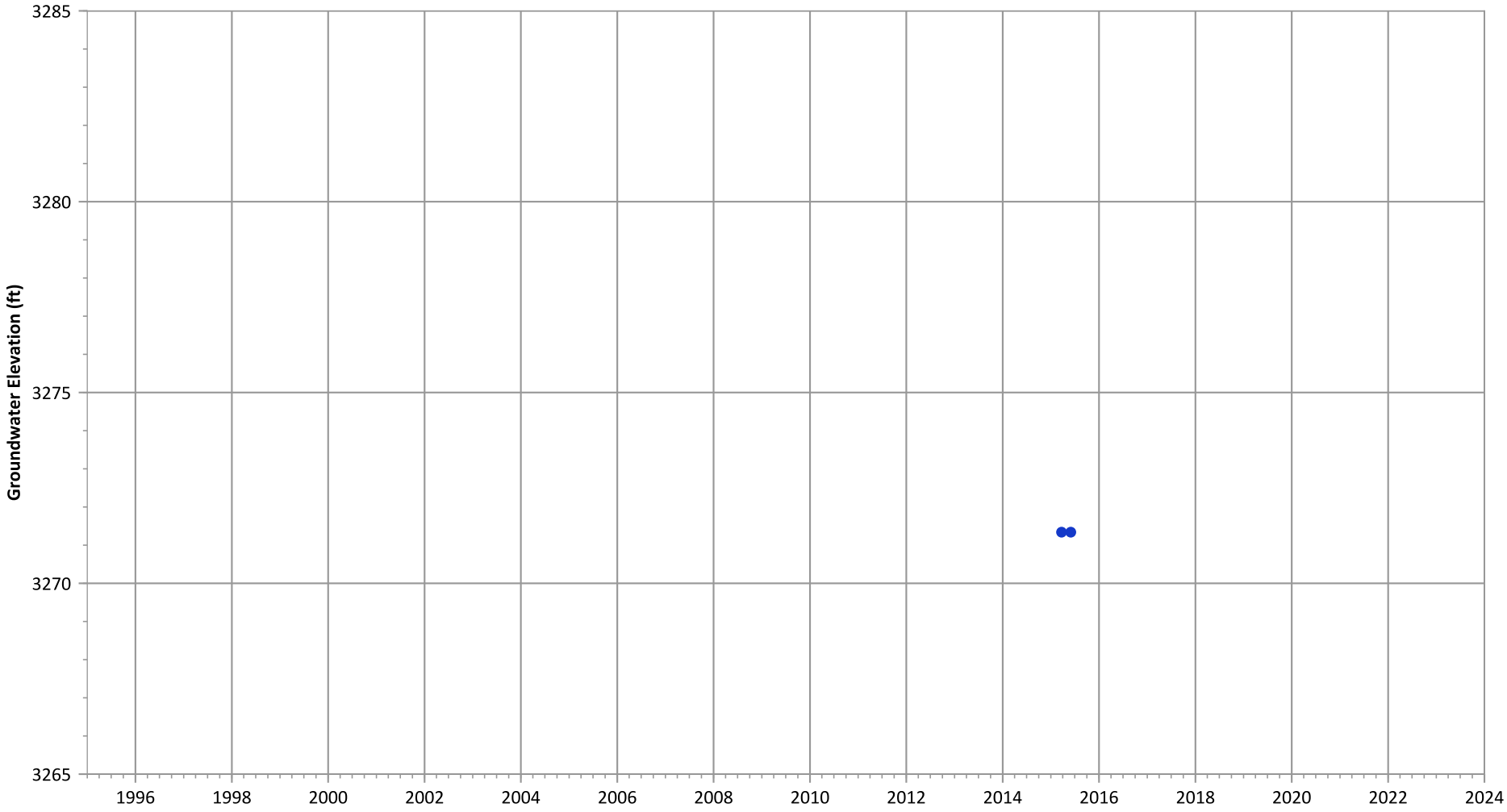
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

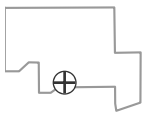


Notes:
1. Top of screen elevation is 3279.53 ft msl.
2. The bottom of screen elevation is 3259.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

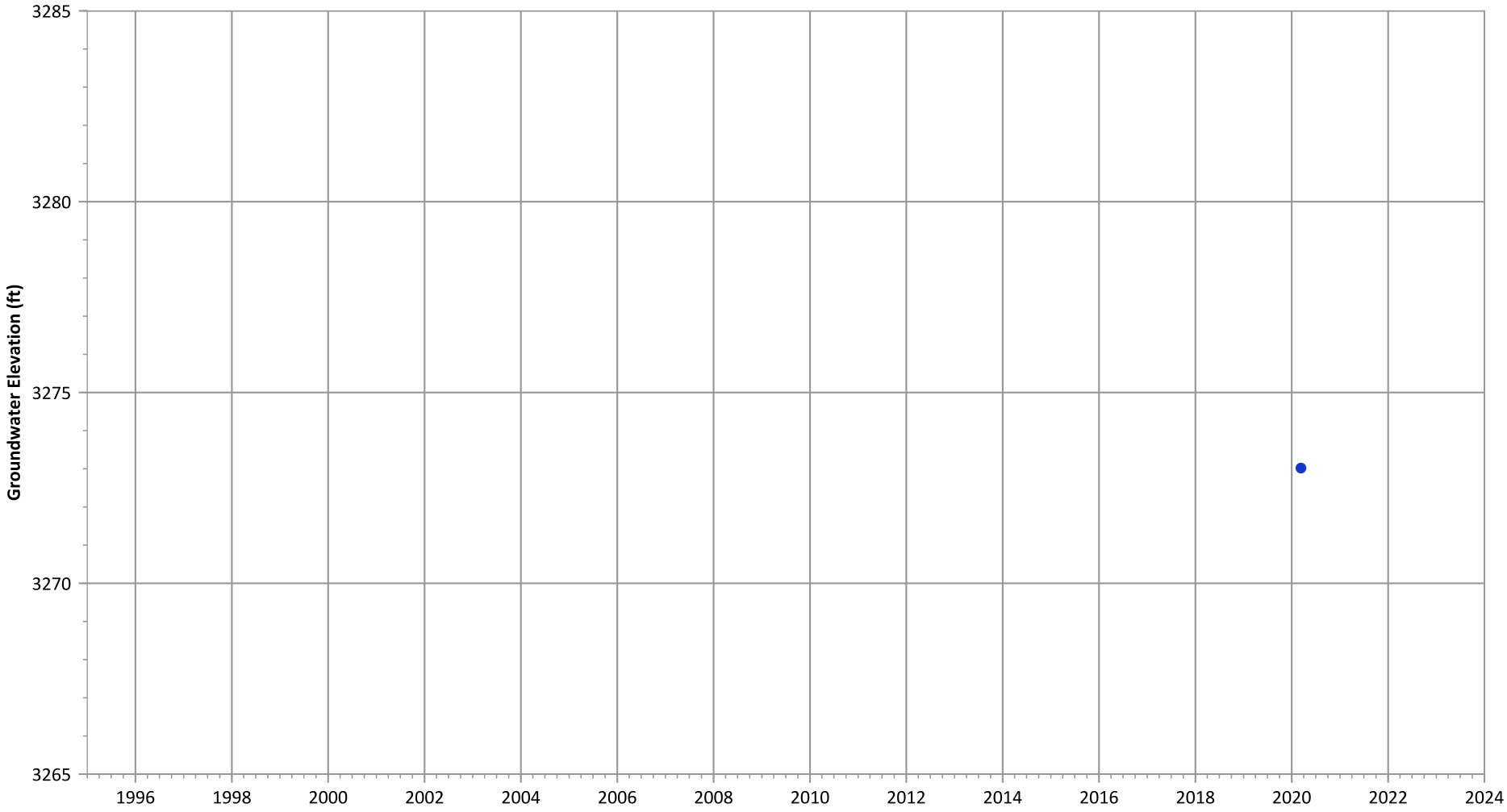
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB132 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

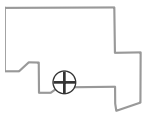


Notes:
1. Top of screen elevation is 3277.93 ft msl.
2. The bottom of screen elevation is 3257.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

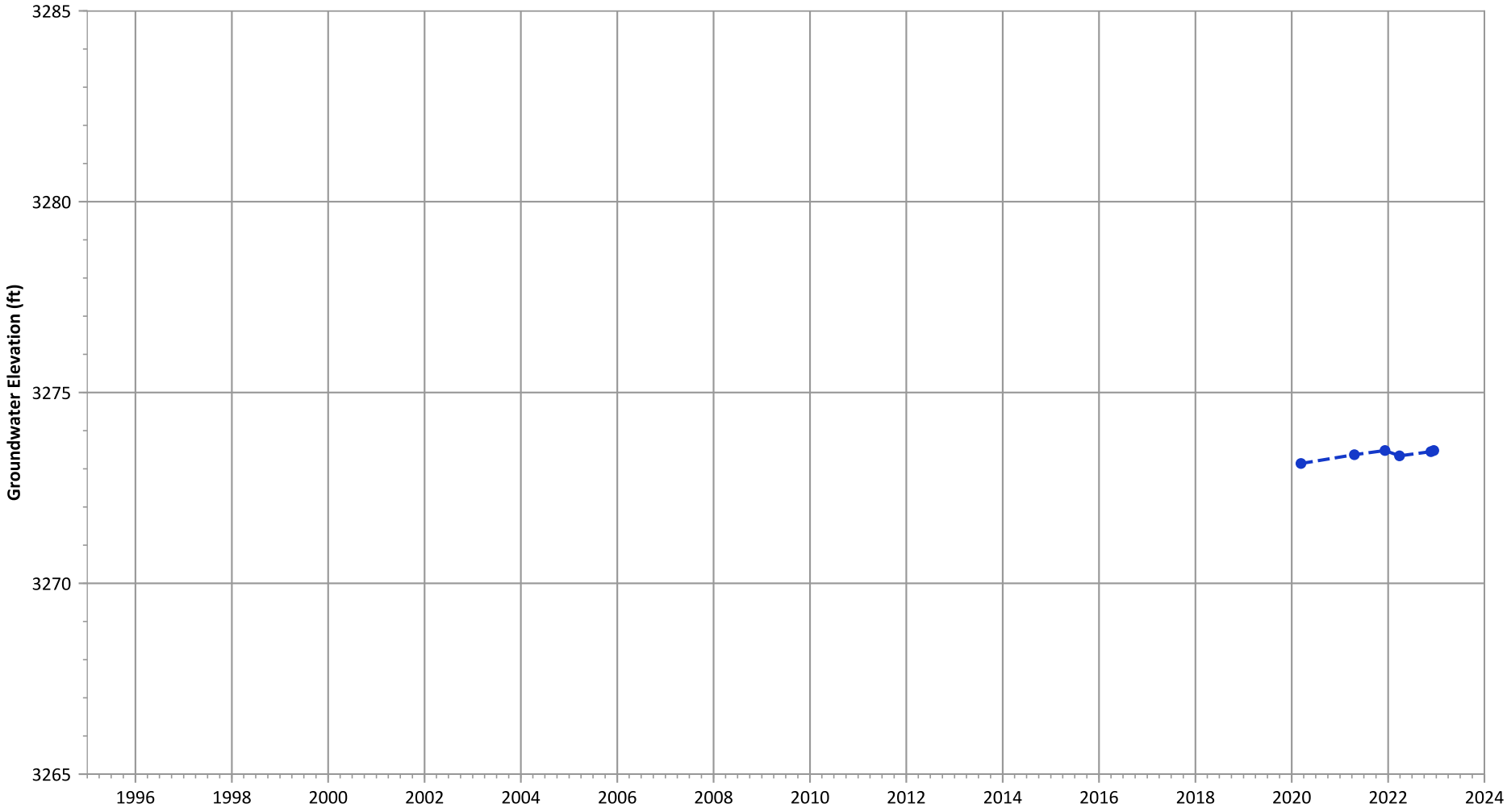
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB133 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3275.38 ft msl.
2. The bottom of screen elevation is 3255.38 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.

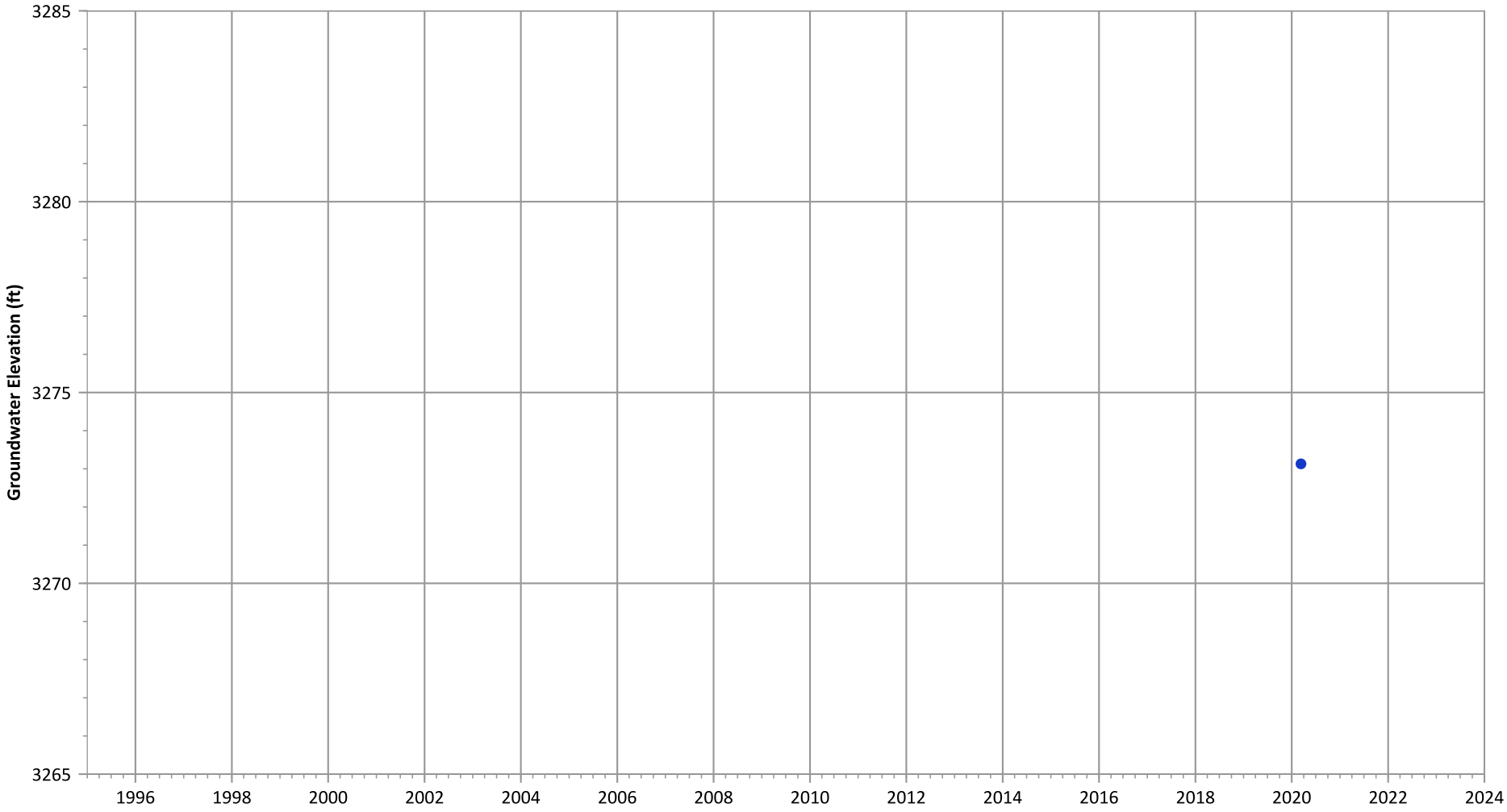
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.19 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.11 ft/yr

PTX06-ISB134 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

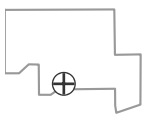


Notes:
1. Top of screen elevation is 3274.51 ft msl.
2. The bottom of screen elevation is 3254.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

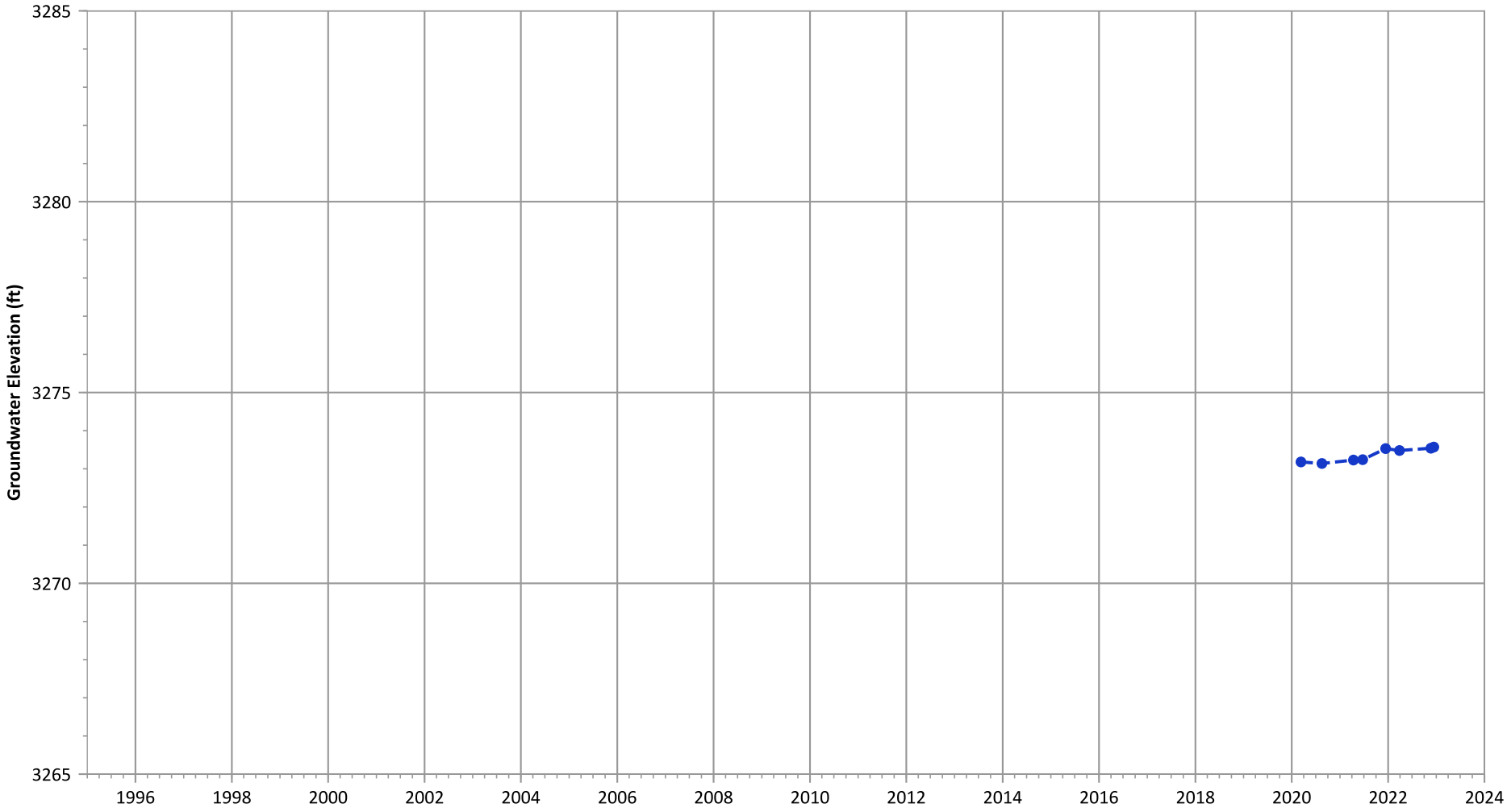
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB135 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

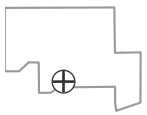


Notes:
1. Top of screen elevation is 3276.96 ft msl.
2. The bottom of screen elevation is 3251.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

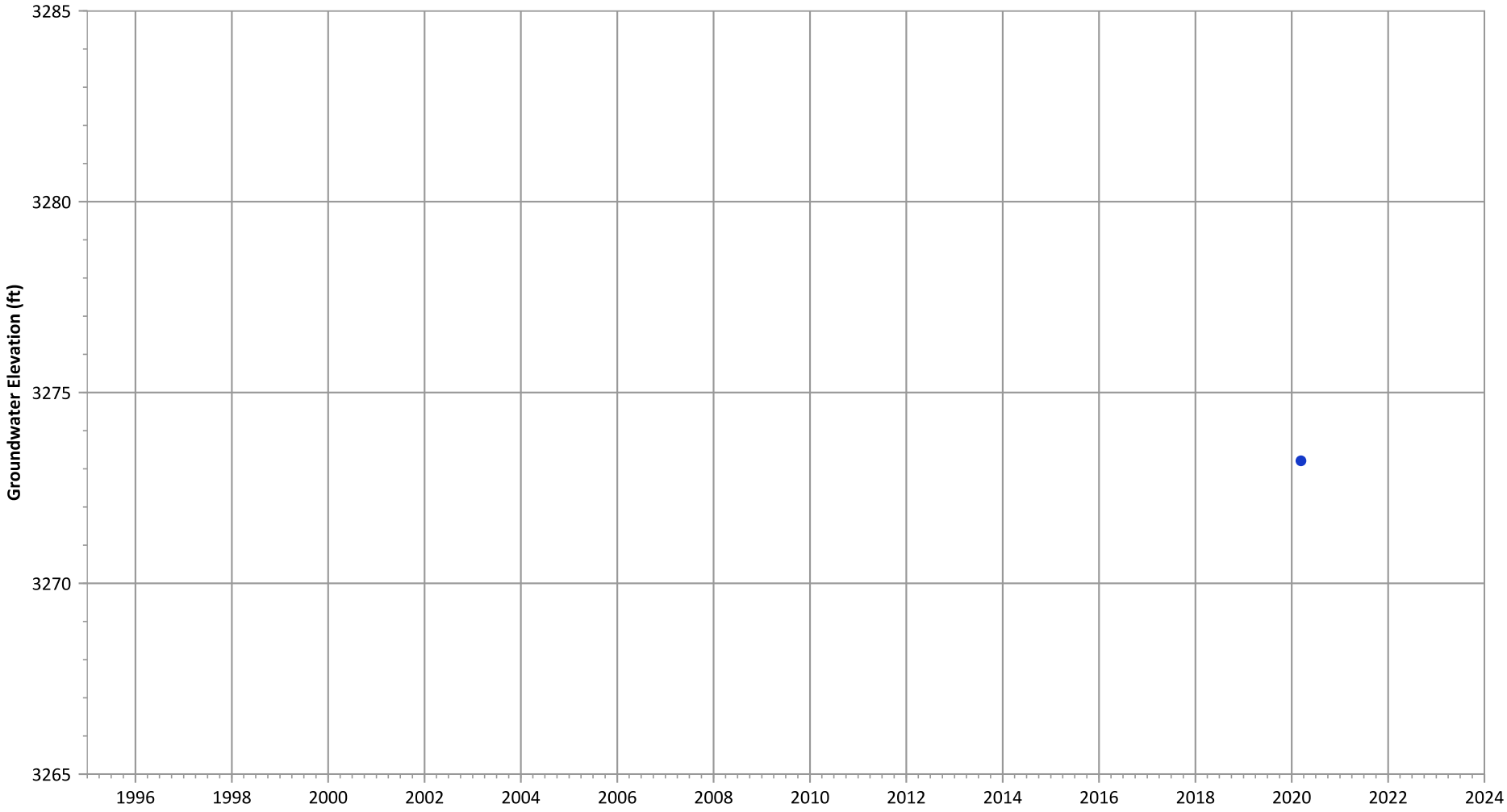
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.11 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.17 ft/yr

PTX06-ISB136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

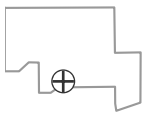


Notes:
1. Top of screen elevation is 3273.89 ft msl.
2. The bottom of screen elevation is 3248.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

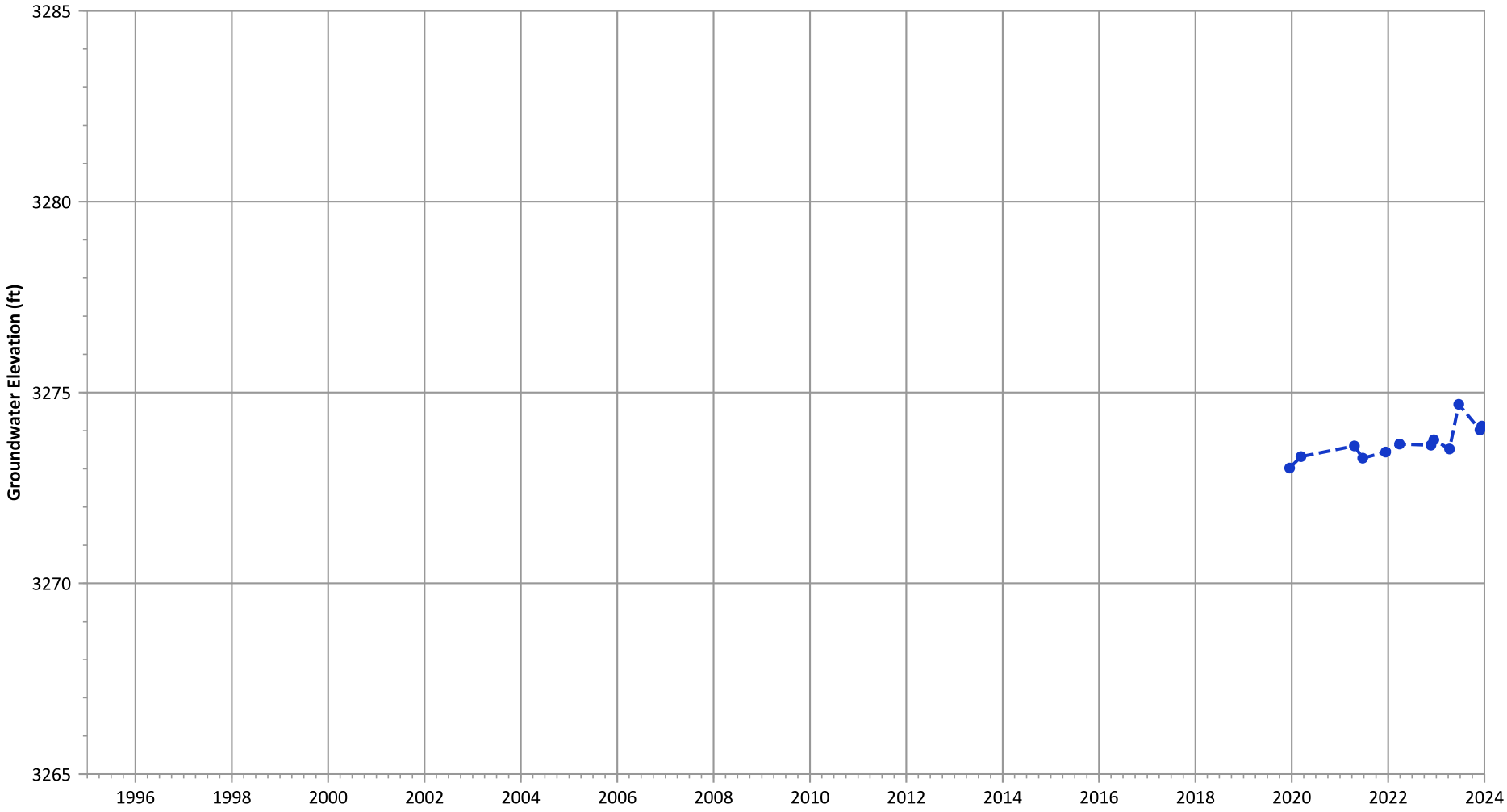
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB137 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3275.19 ft msl.
2. The bottom of screen elevation is 3250.19 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.

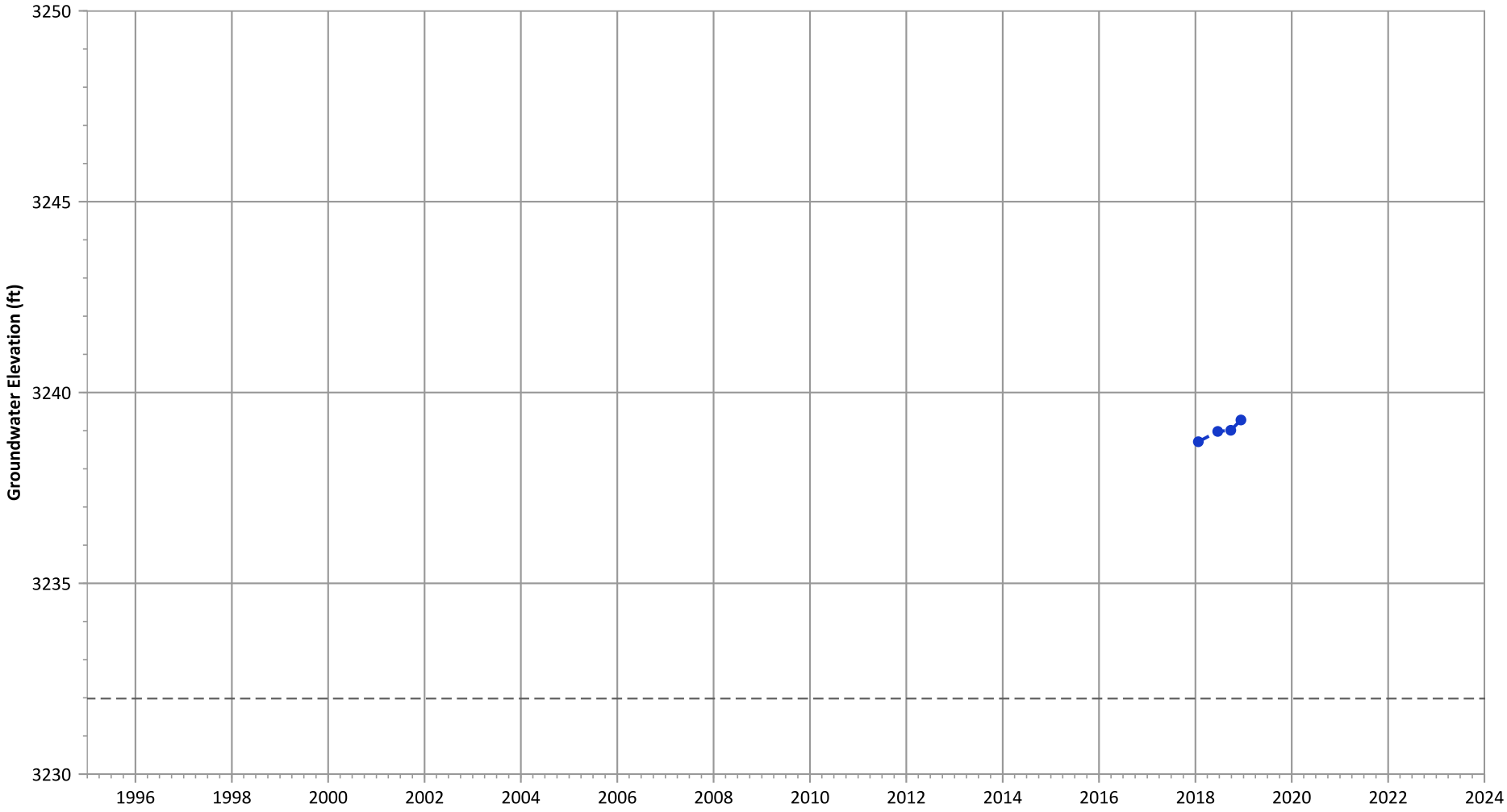
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.36 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.25 ft/yr

PTX06-ISB301 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

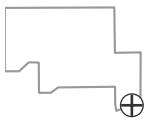


Notes:
1. Top of screen elevation is 3241.98 ft msl.
2. The bottom of screen elevation is 3231.98 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

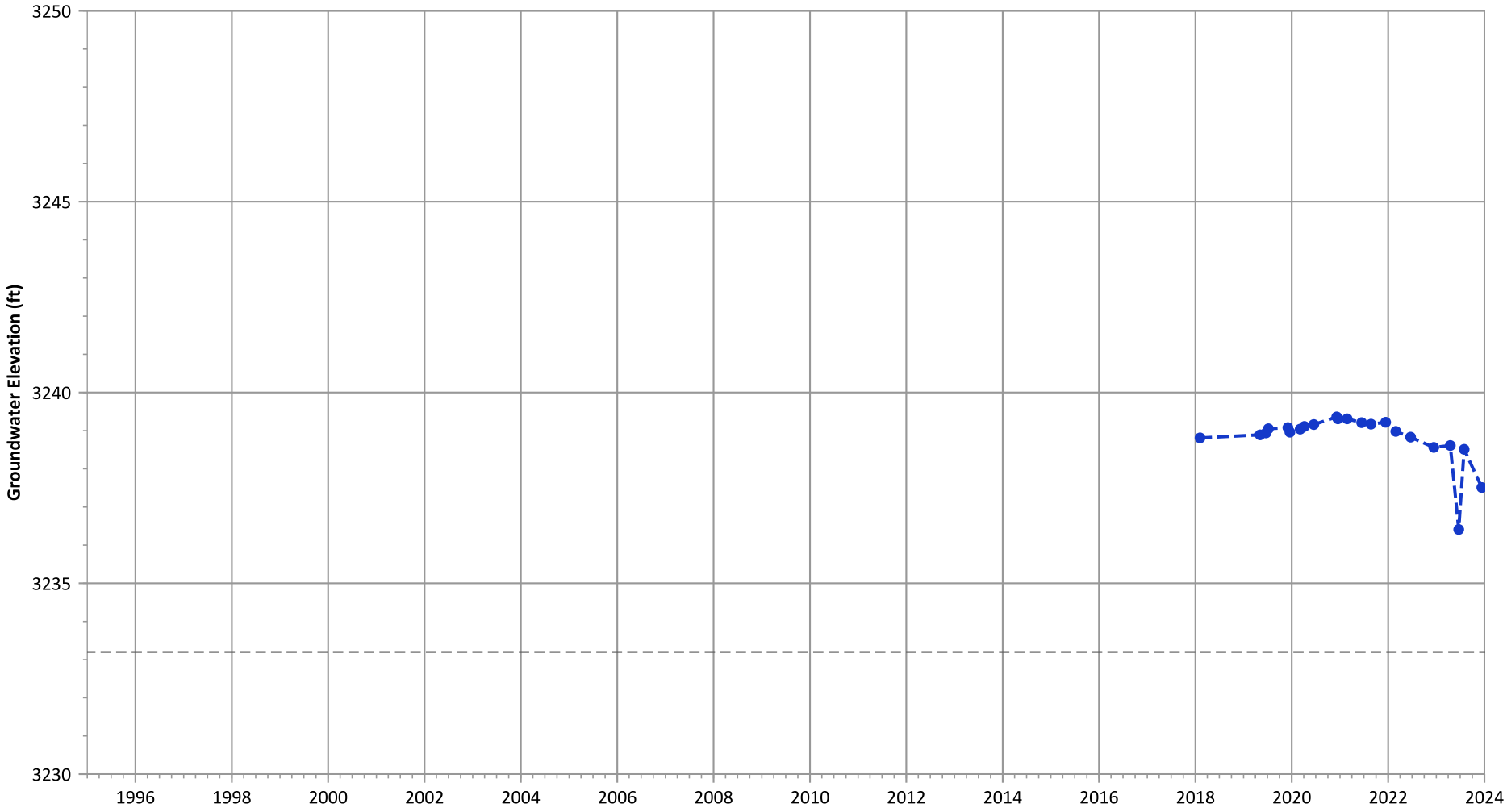
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.59 ft/yr

PTX06-ISB302 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

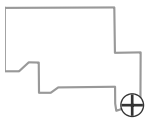


Notes:
1. Top of screen elevation is 3243.2 ft msl.
2. The bottom of screen elevation is 3233.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

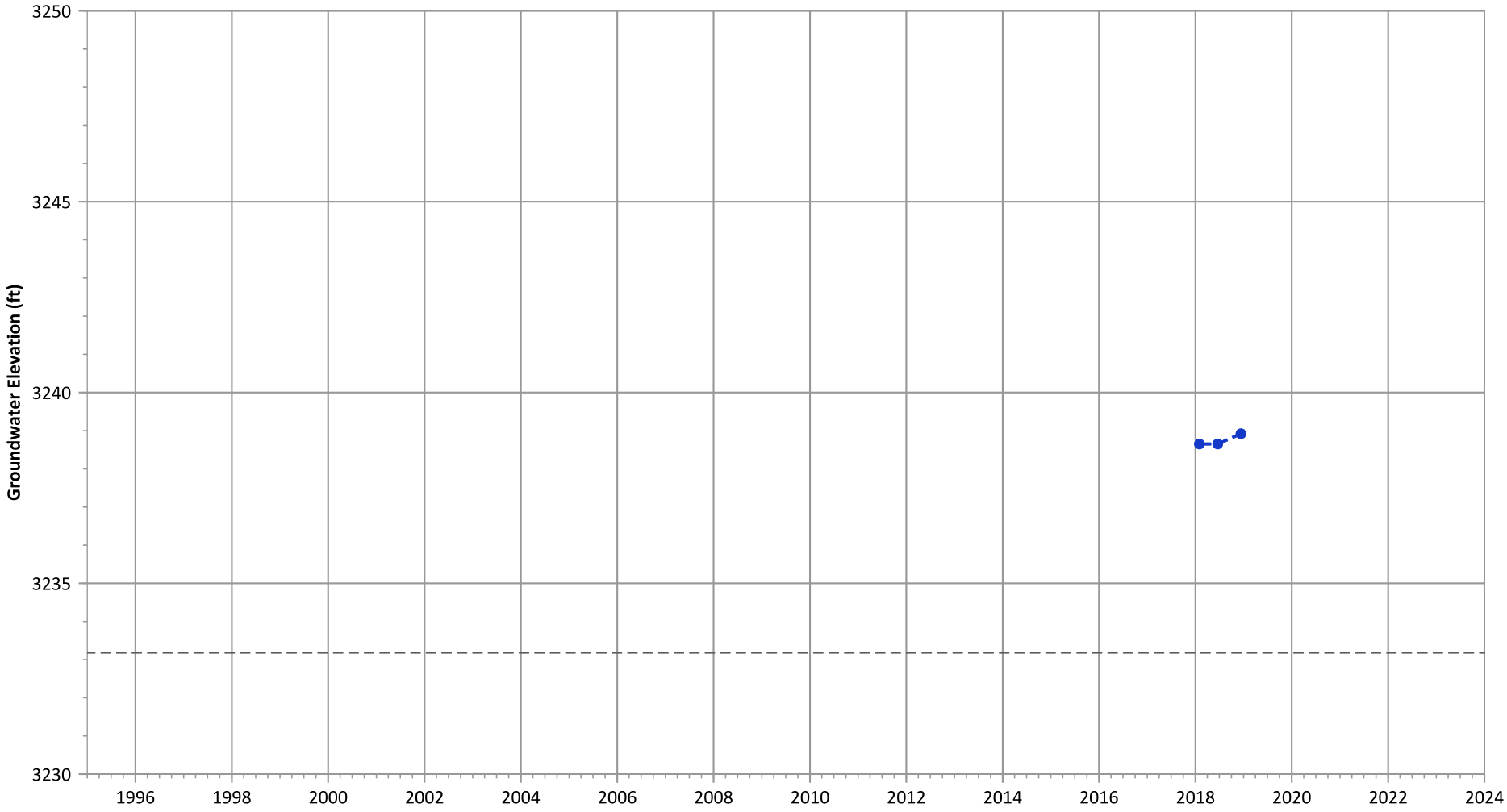
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.91 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.23 ft/yr

PTX06-ISB303 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

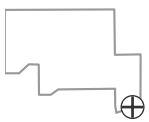


Notes:
1. Top of screen elevation is 3243.18 ft msl.
2. The bottom of screen elevation is 3233.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

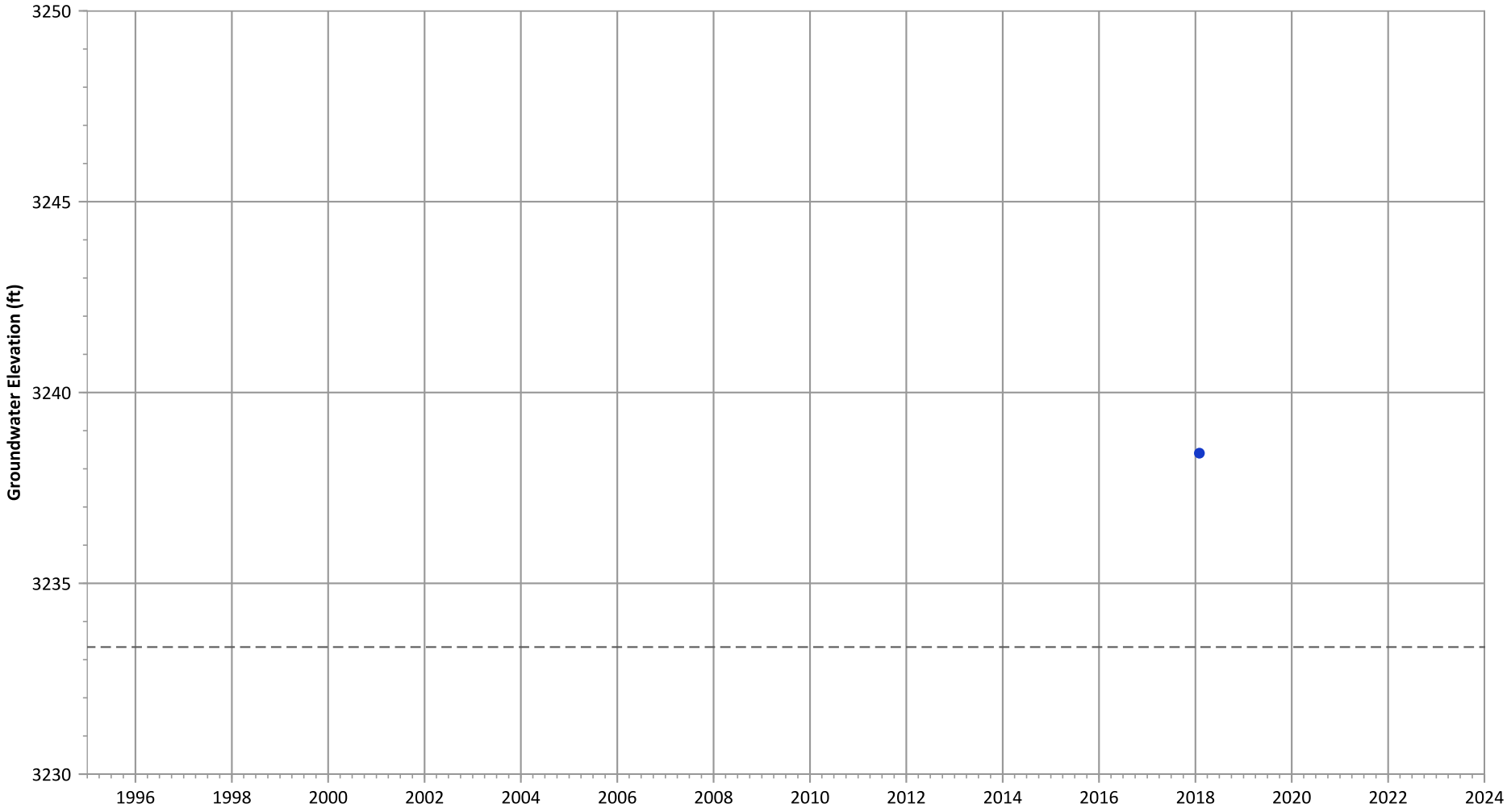
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.32 ft/yr

PTX06-ISB304 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

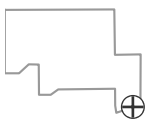


Notes:
1. Top of screen elevation is 3243.33 ft msl.
2. The bottom of screen elevation is 3233.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

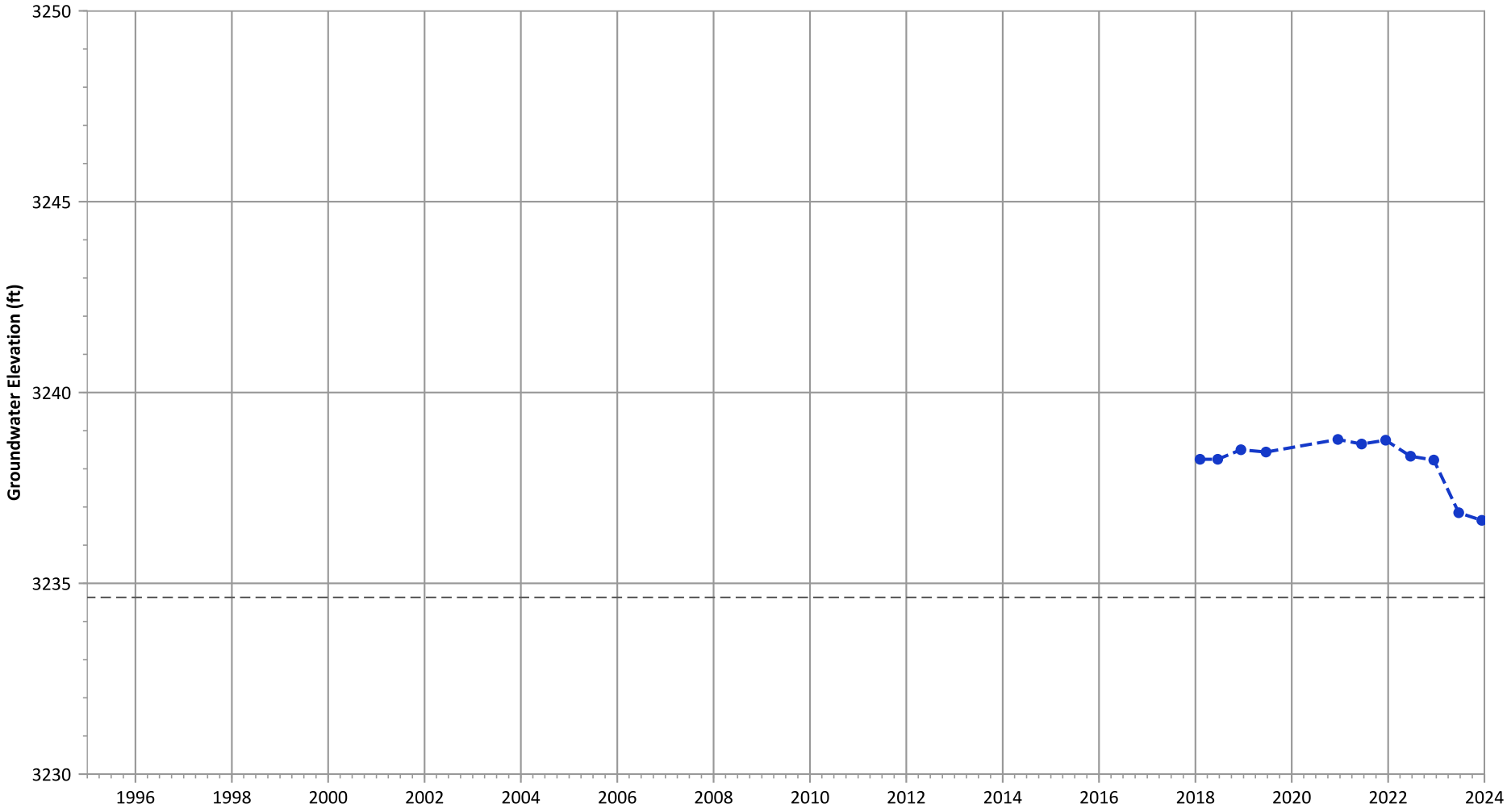
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB305 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

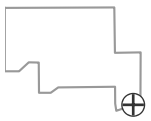


Notes:
1. Top of screen elevation is 3244.63 ft msl.
2. The bottom of screen elevation is 3234.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

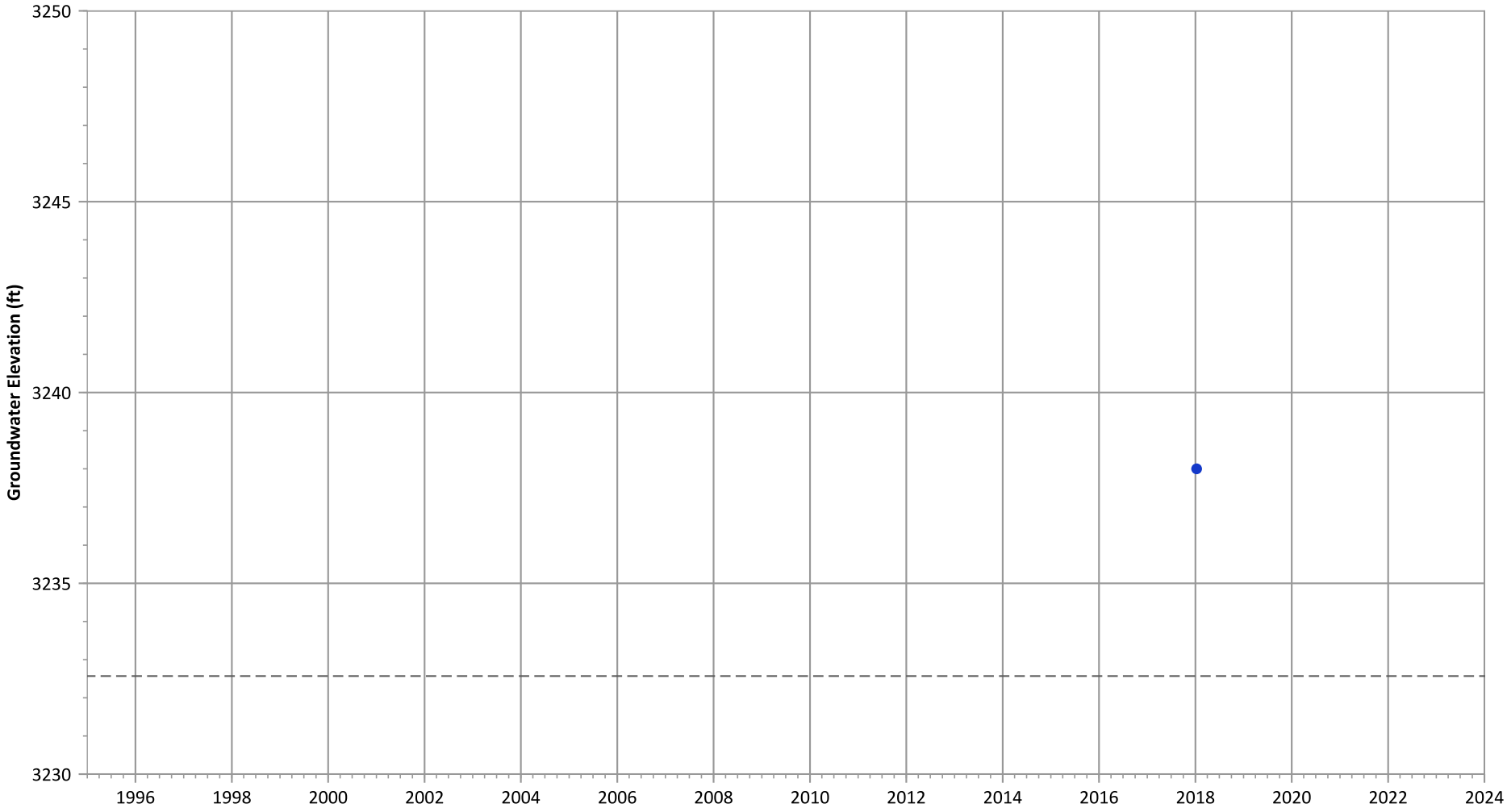
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.3 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.19 ft/yr

PTX06-ISB306 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

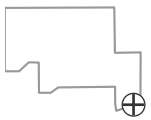


Notes:
1. Top of screen elevation is 3242.57 ft msl.
2. The bottom of screen elevation is 3232.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

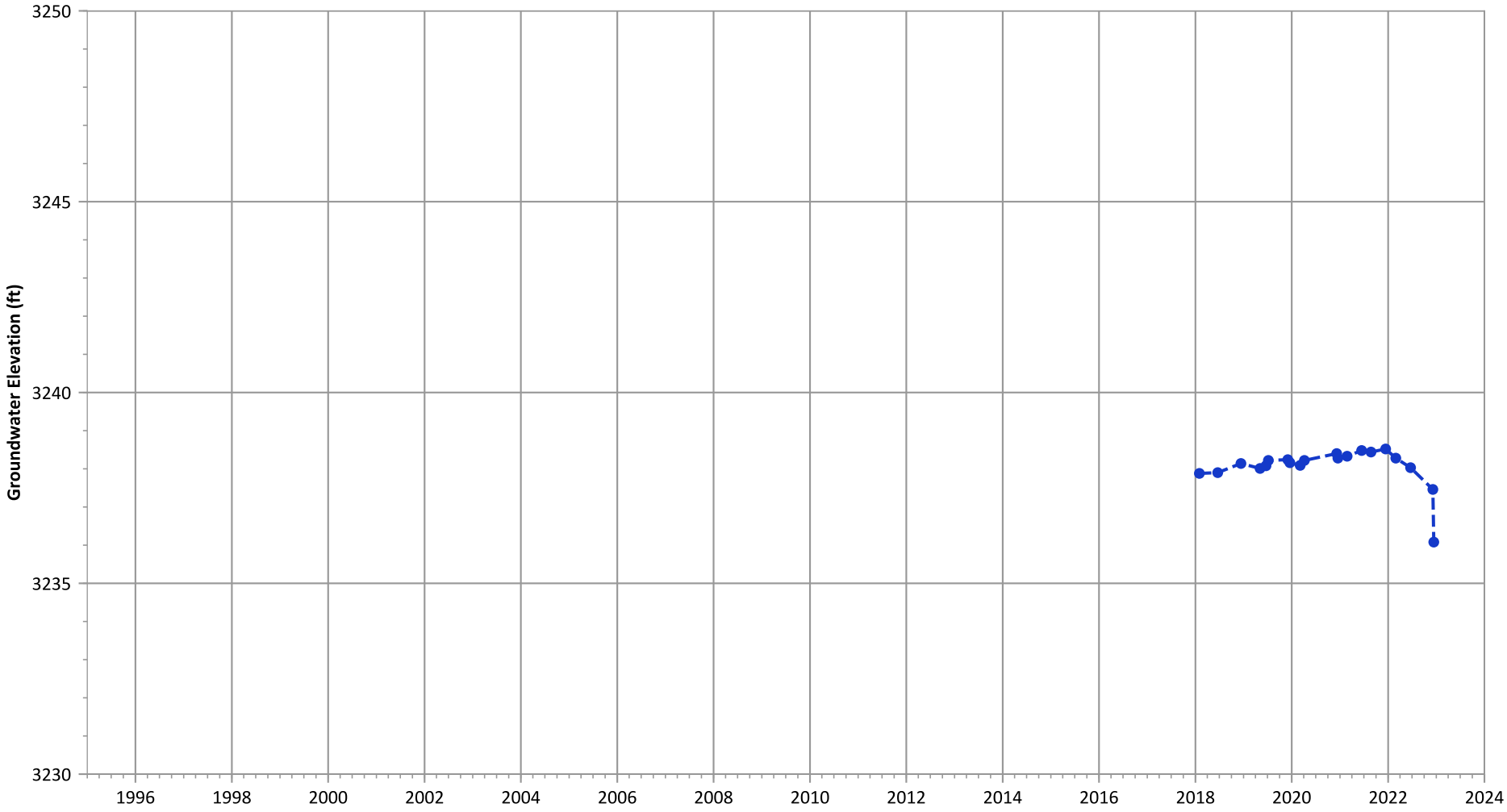
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB307 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

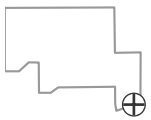


Notes:
1. Top of screen elevation is 3239.6 ft msl.
2. The bottom of screen elevation is 3229.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

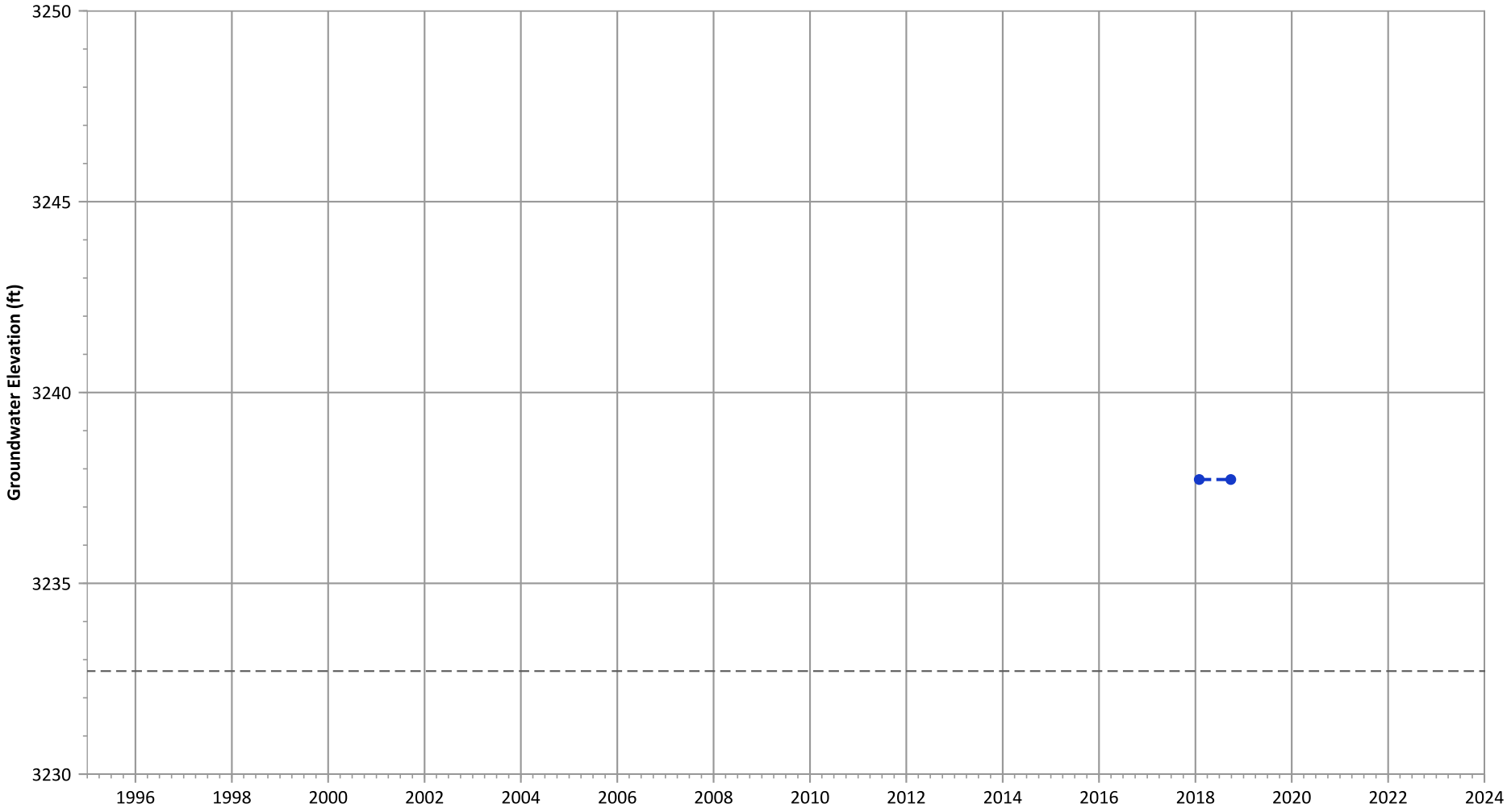
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.09 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB308 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

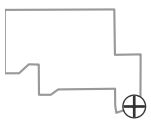


Notes:
1. Top of screen elevation is 3242.7 ft msl.
2. The bottom of screen elevation is 3232.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

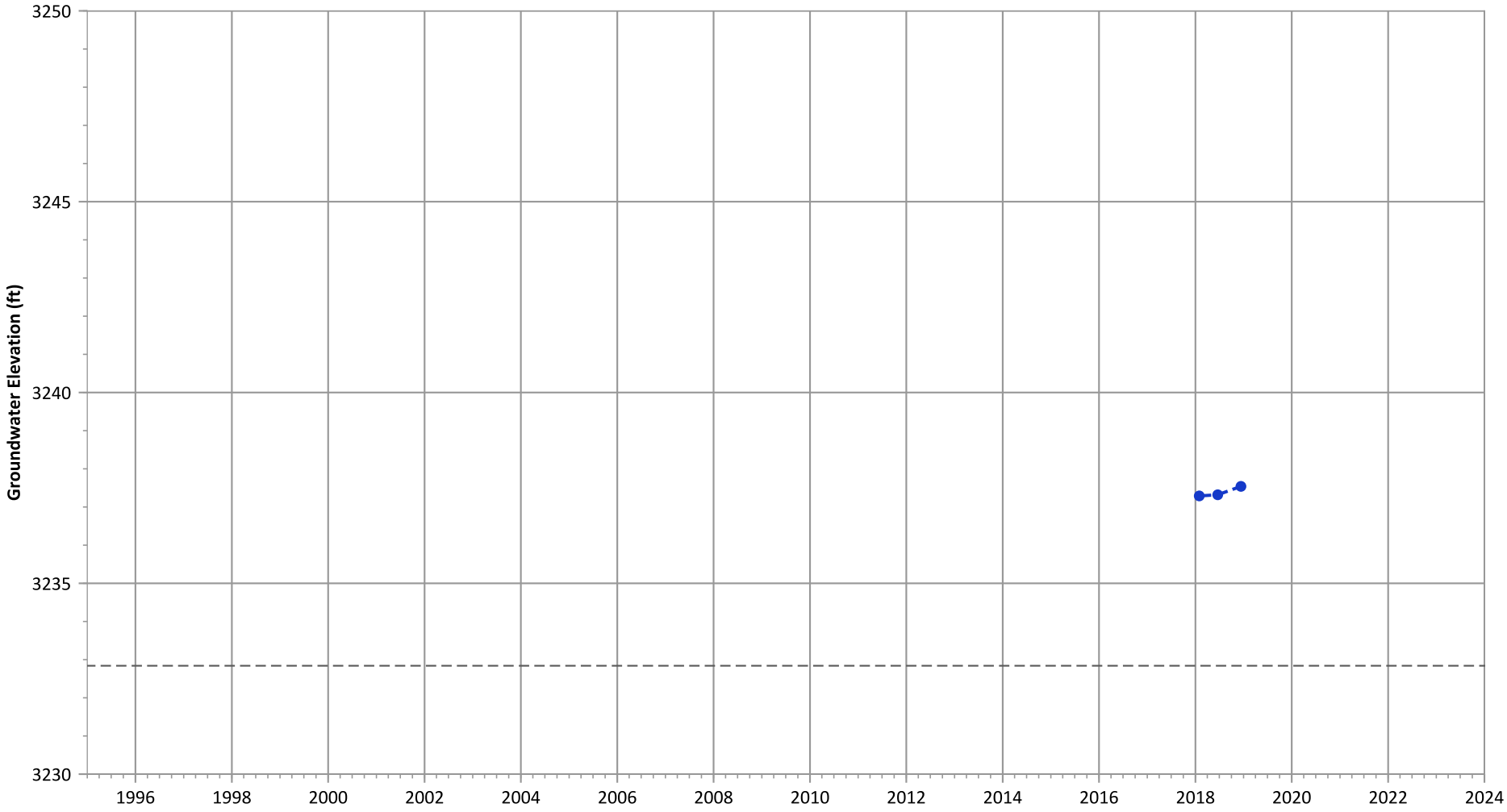
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB309 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

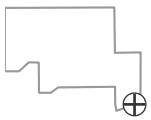


Notes:
1. Top of screen elevation is 3242.84 ft msl.
2. The bottom of screen elevation is 3232.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

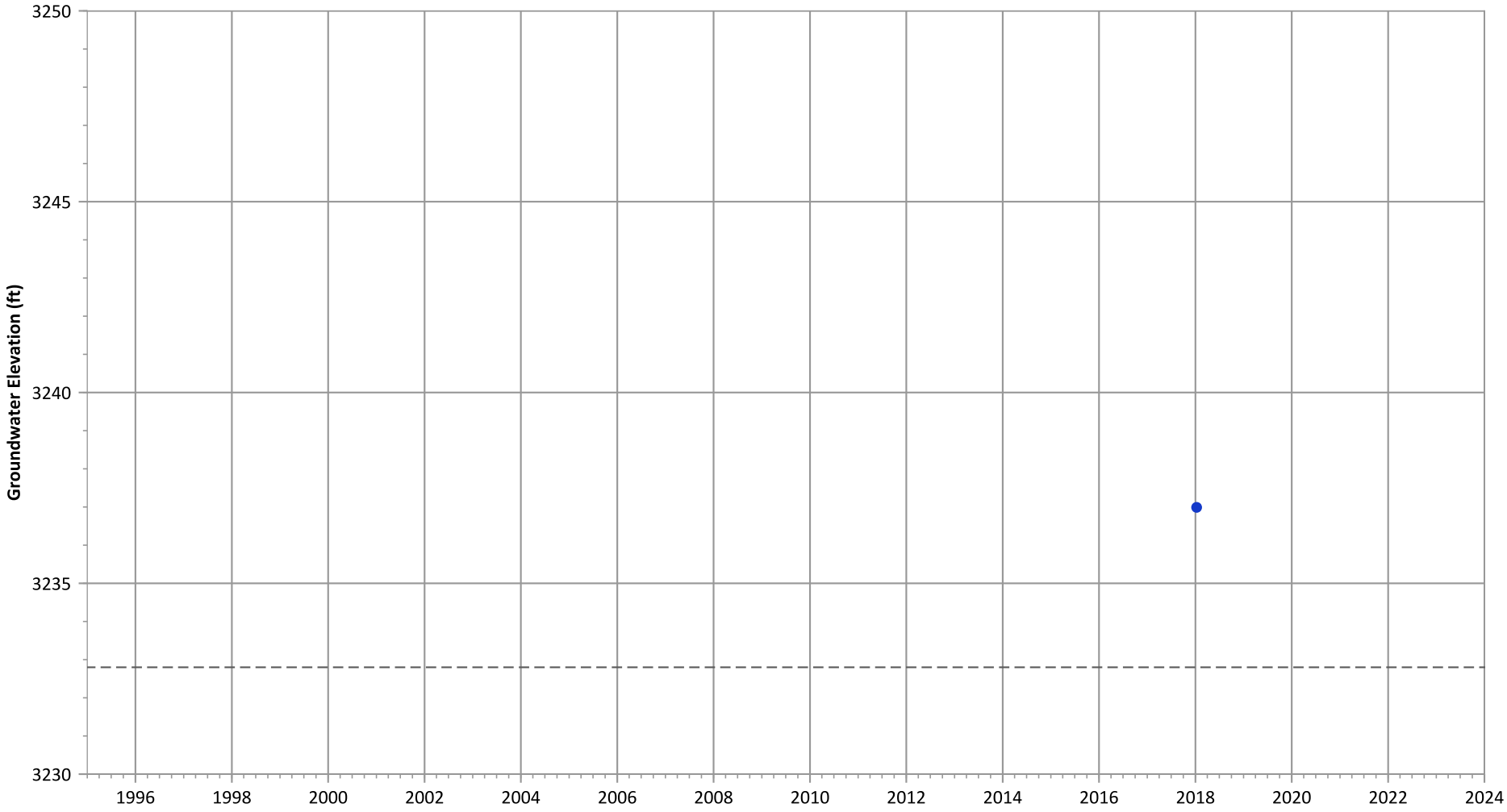
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.3 ft/yr

PTX06-ISB310 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

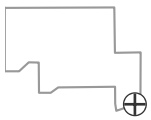


Notes:
1. Top of screen elevation is 3242.8 ft msl.
2. The bottom of screen elevation is 3232.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

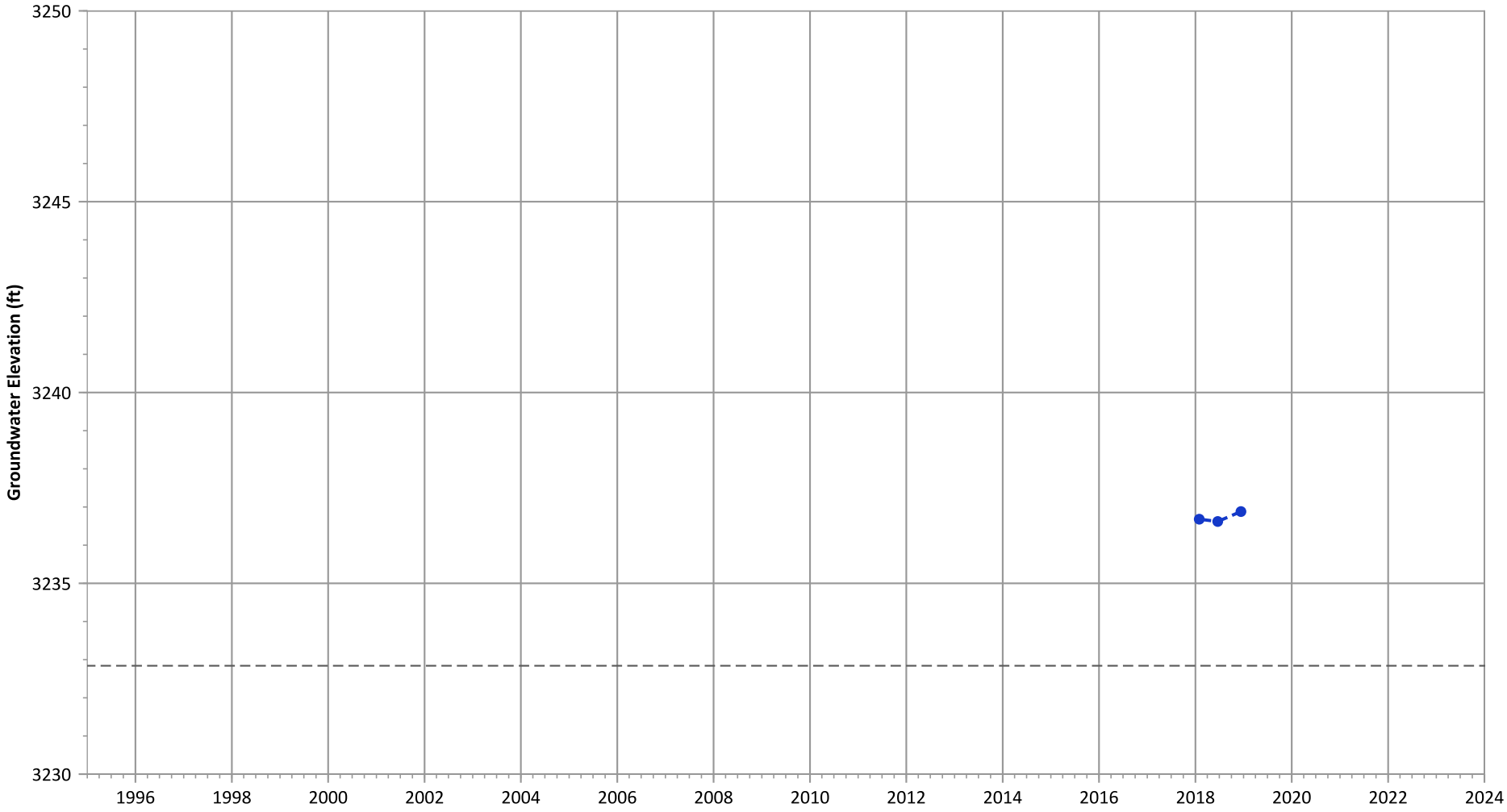
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB311 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

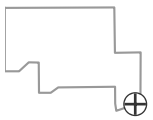


Notes:
1. Top of screen elevation is 3242.84 ft msl.
2. The bottom of screen elevation is 3232.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

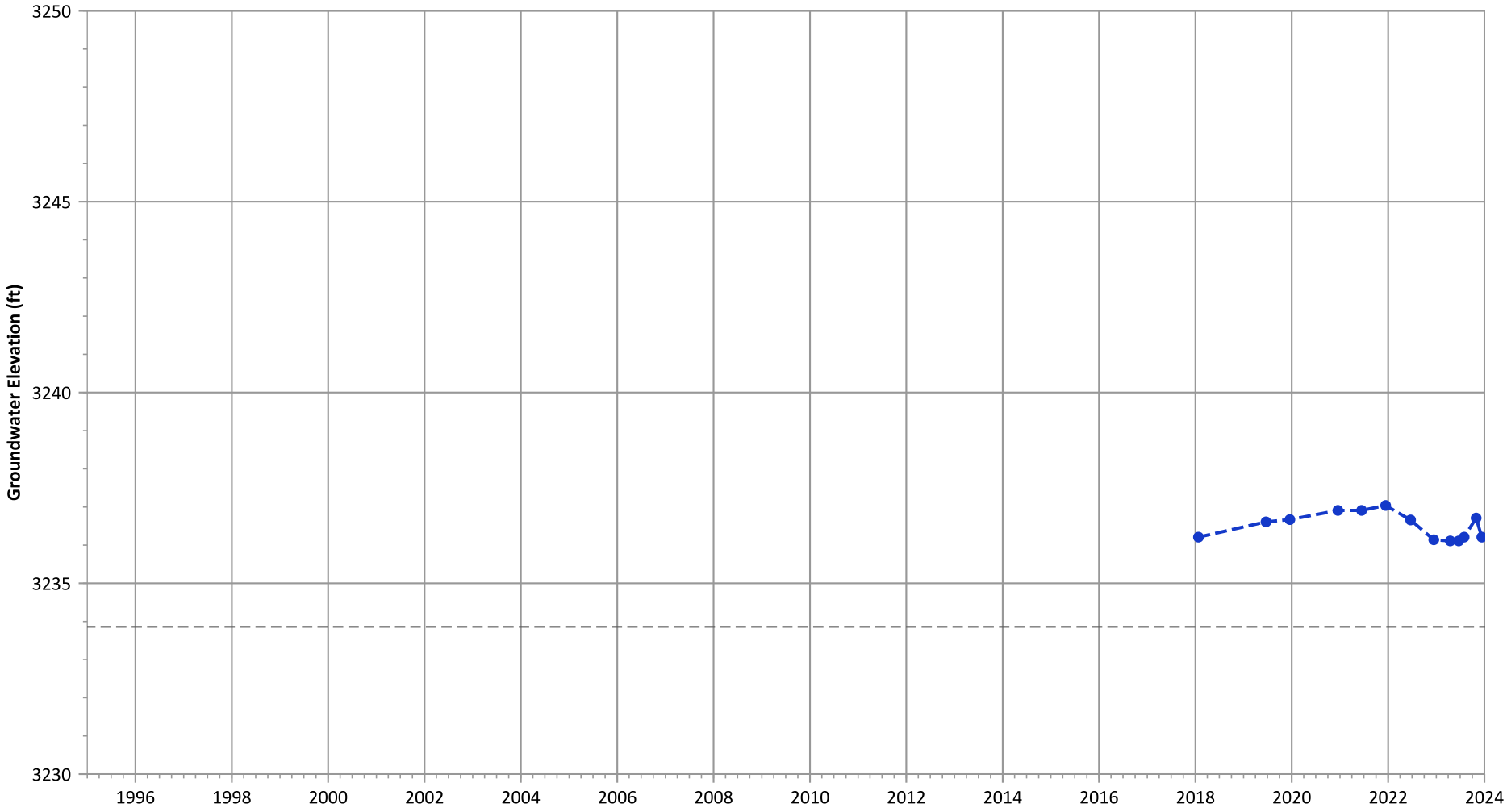
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.24 ft/yr

PTX06-ISB312 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

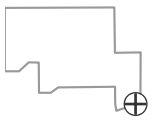


Notes:
1. Top of screen elevation is 3243.86 ft msl.
2. The bottom of screen elevation is 3233.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

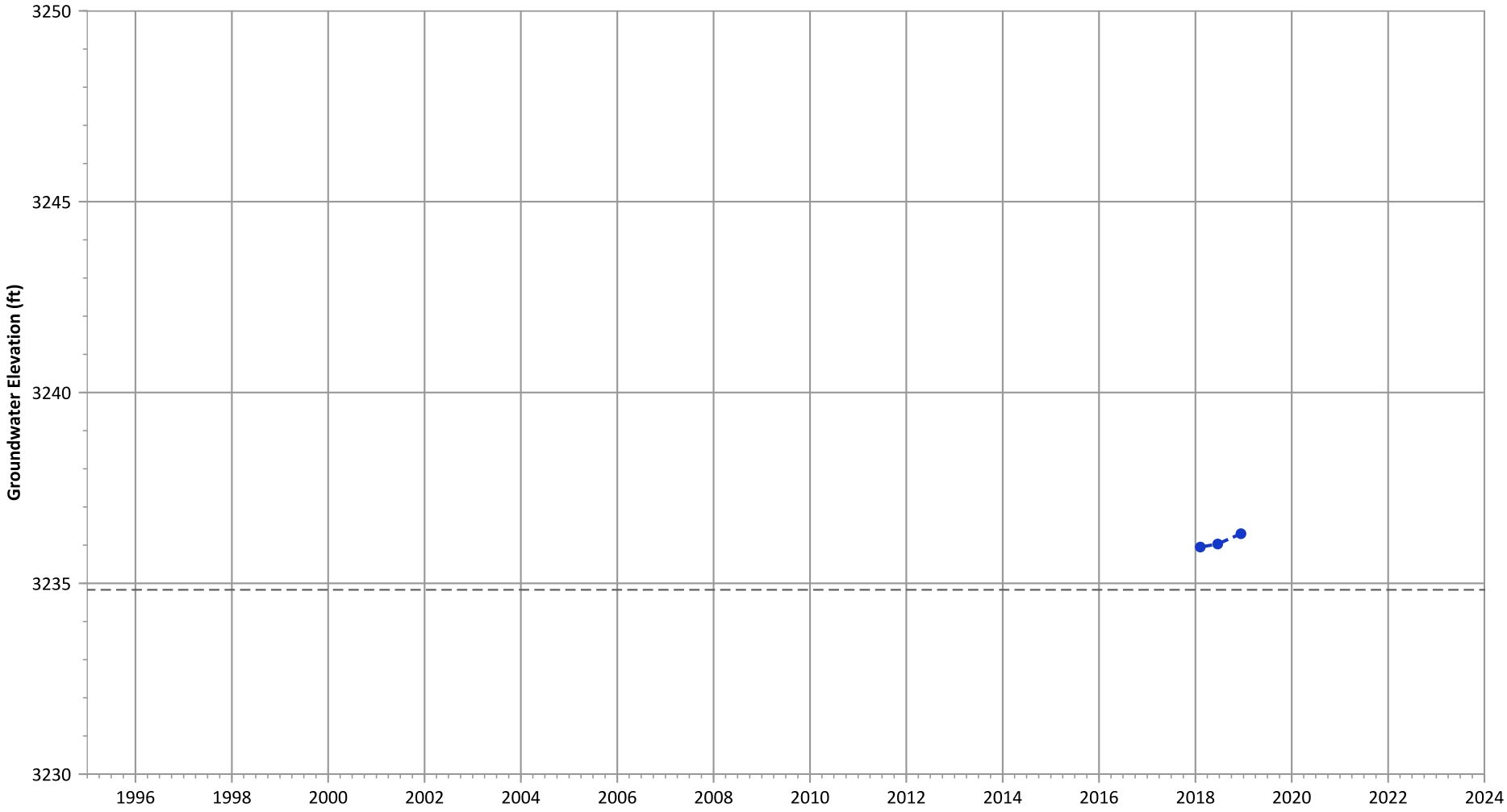
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-ISB313 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

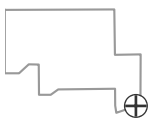


Notes:
1. Top of screen elevation is 3244.83 ft msl.
2. The bottom of screen elevation is 3234.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

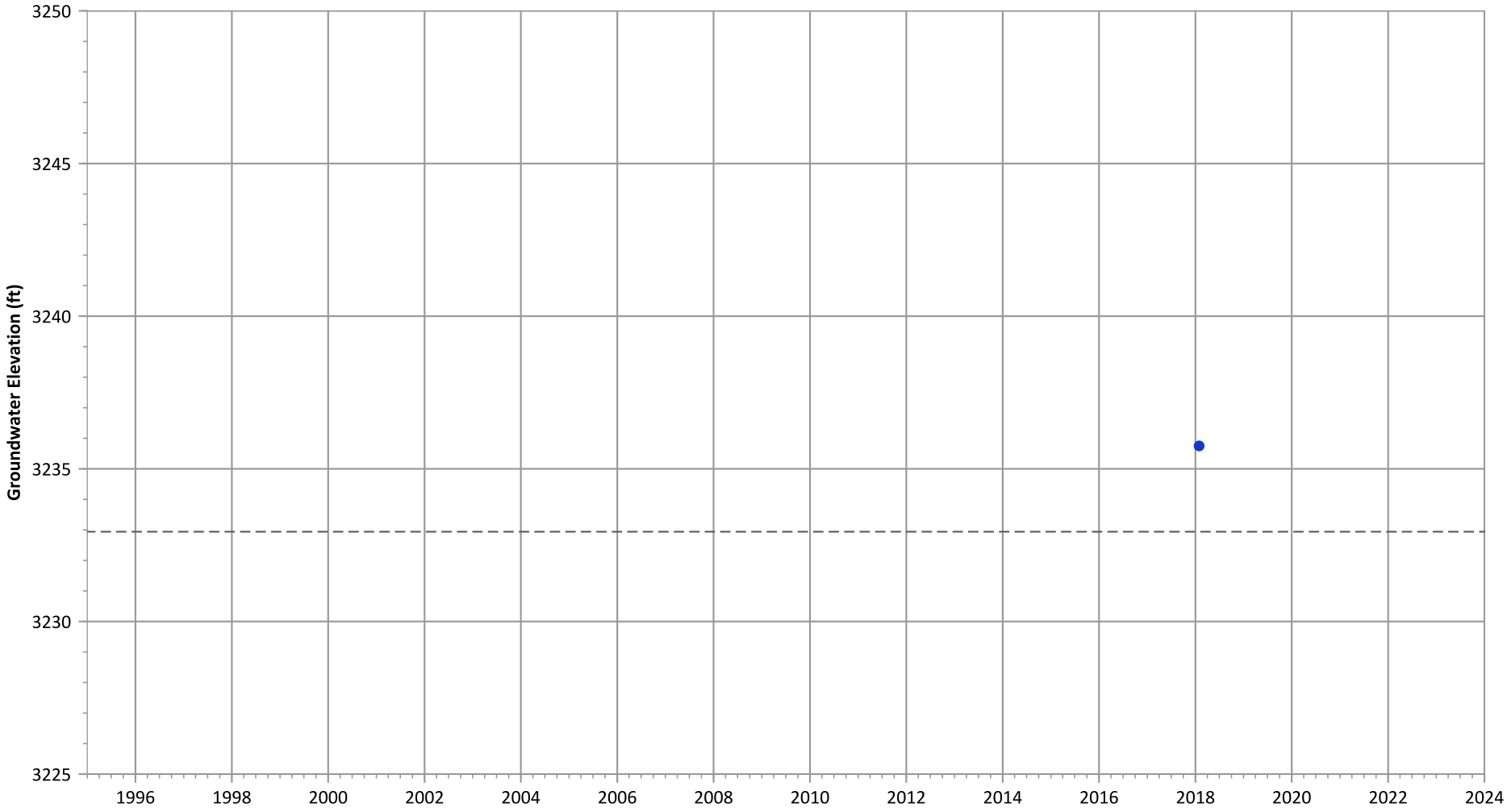
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.42 ft/yr

PTX06-ISB314 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

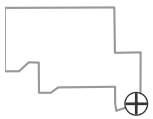


Notes:
1. Top of screen elevation is 3242.94 ft msl.
2. The bottom of screen elevation is 3232.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

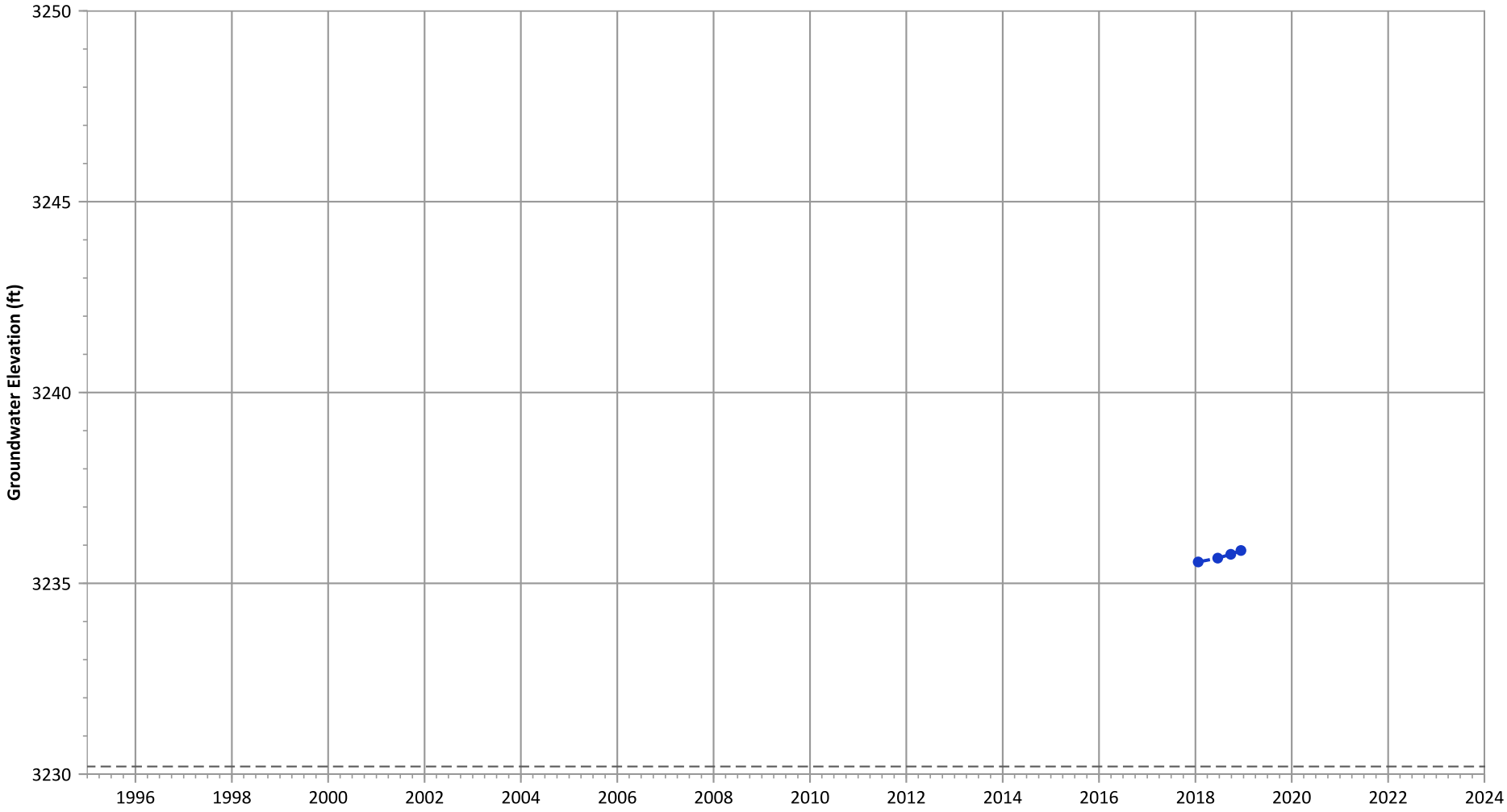
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB315 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

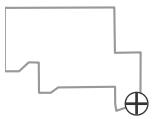


Notes:
1. Top of screen elevation is 3240.2 ft msl.
2. The bottom of screen elevation is 3230.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

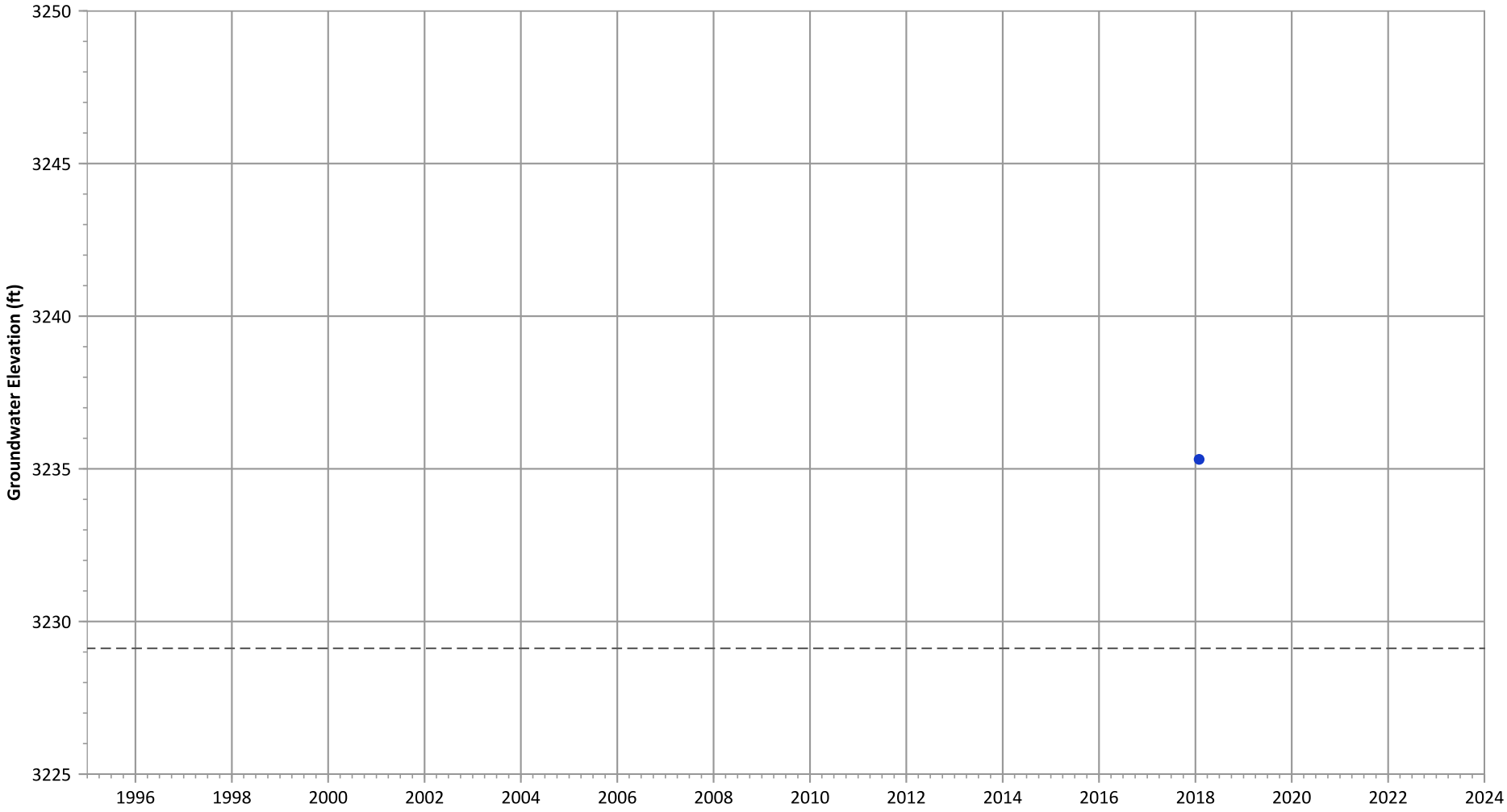
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.33 ft/yr

PTX06-ISB316 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

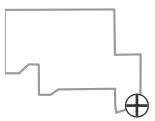


Notes:
1. Top of screen elevation is 3239.12 ft msl.
2. The bottom of screen elevation is 3229.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

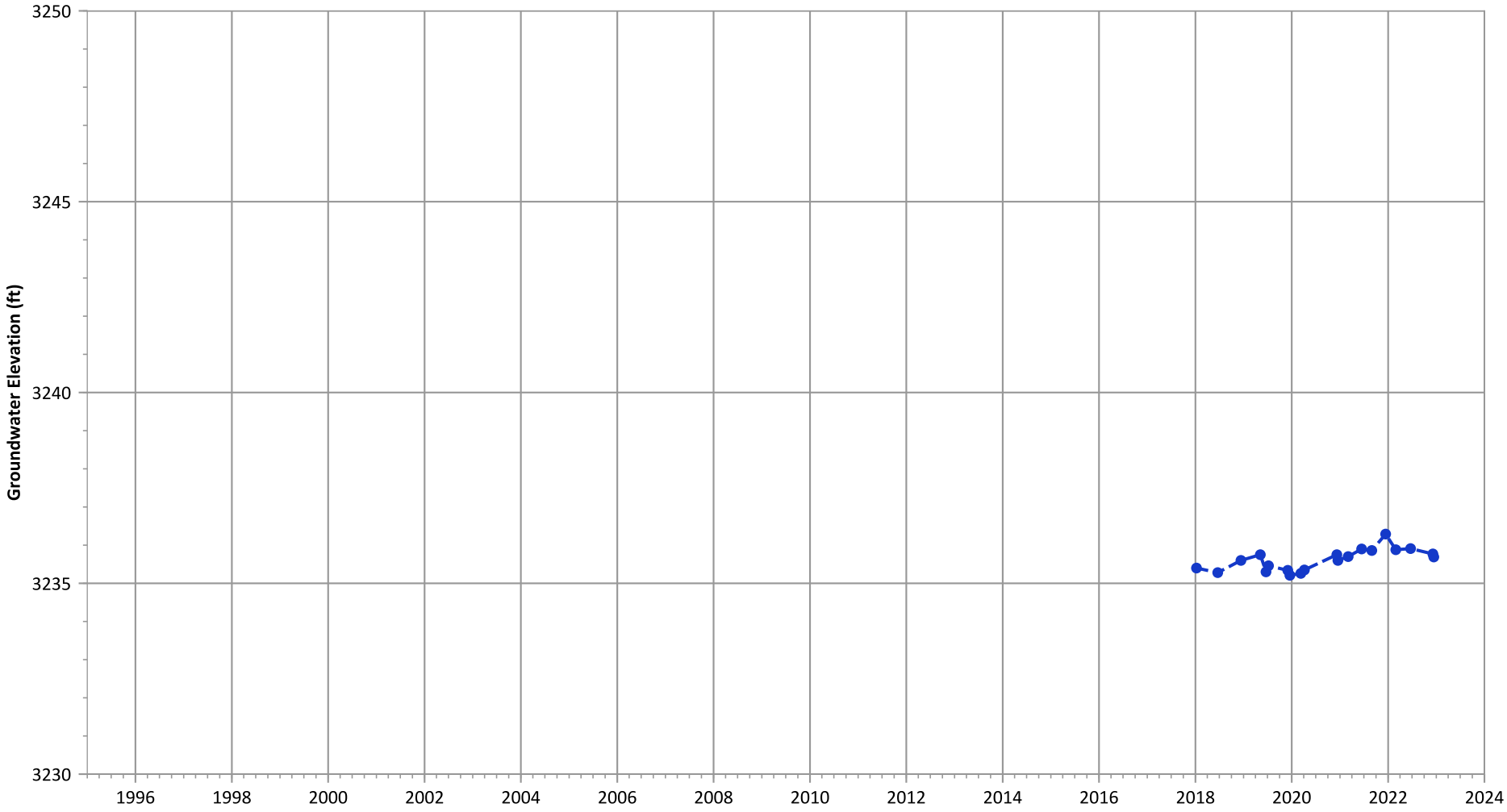
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB317 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

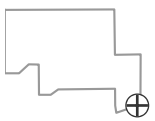


Notes:
1. Top of screen elevation is 3231.06 ft msl.
2. The bottom of screen elevation is 3221.06 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

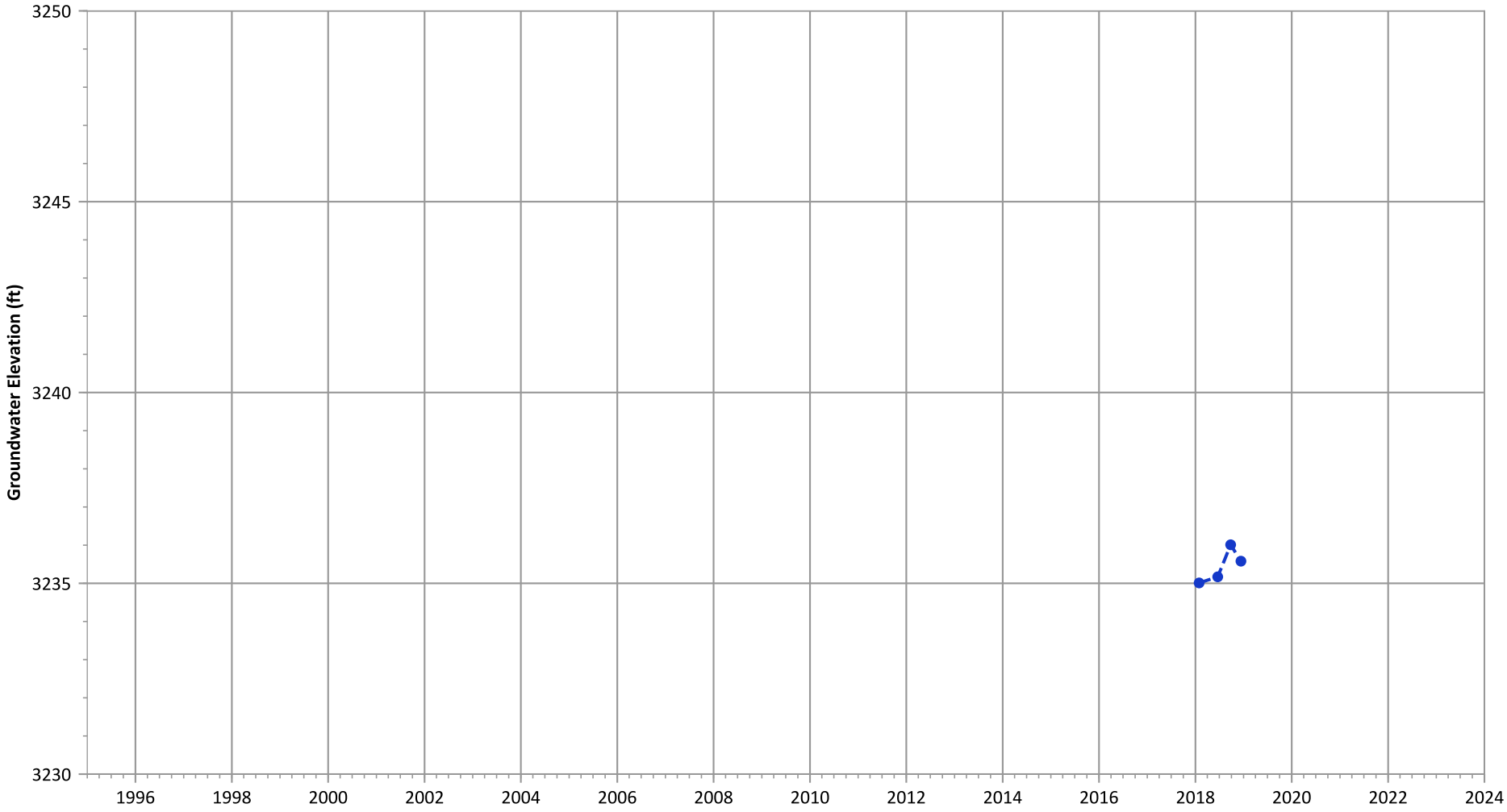
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.23 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.13 ft/yr

PTX06-ISB318 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

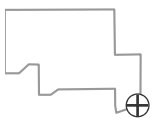


Notes:
1. Top of screen elevation is 3236.02 ft msl.
2. The bottom of screen elevation is 3226.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

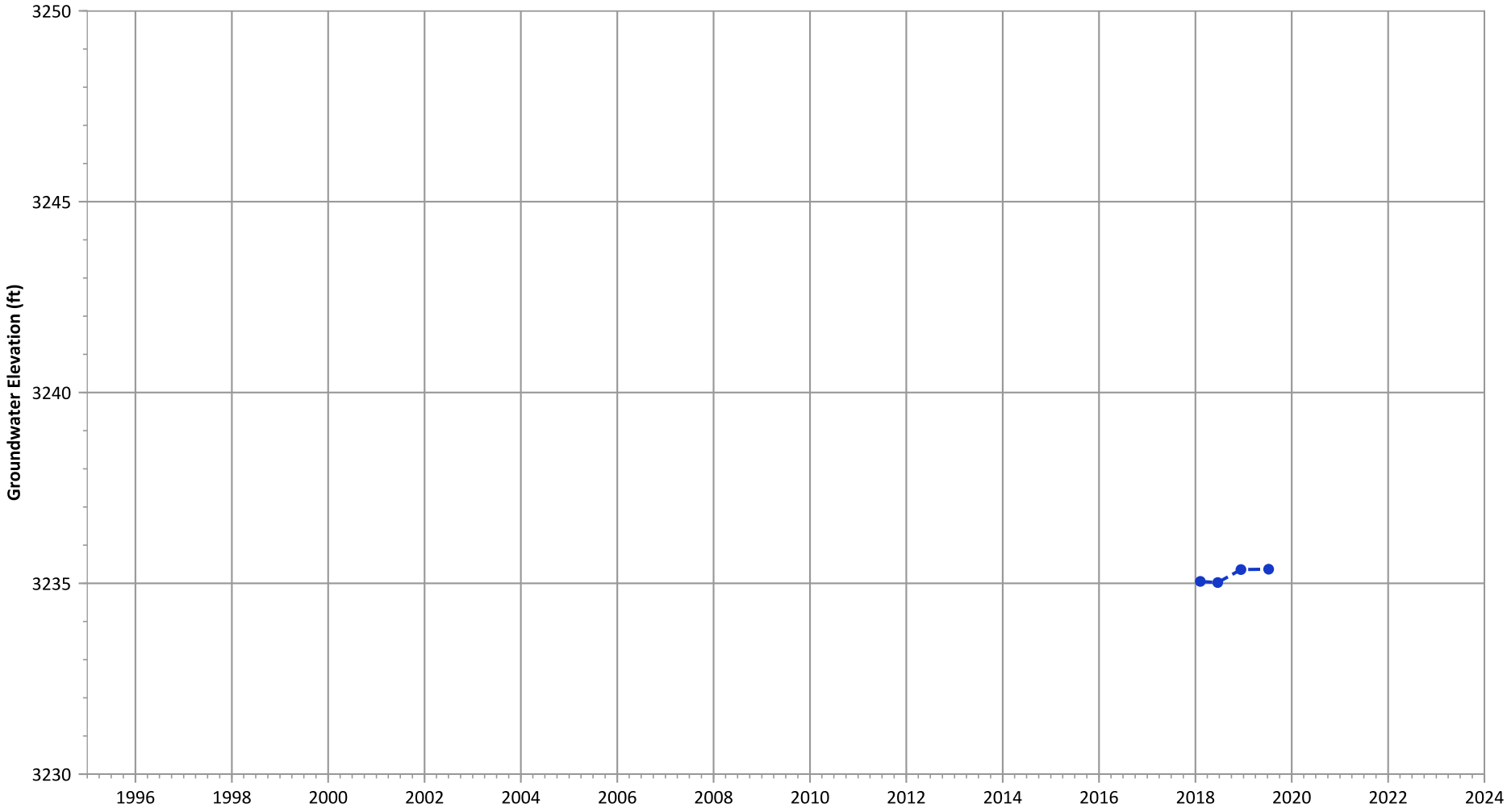
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.92 ft/yr

PTX06-ISB319 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

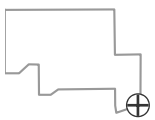


Notes:
1. Top of screen elevation is 3235.66 ft msl.
2. The bottom of screen elevation is 3225.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

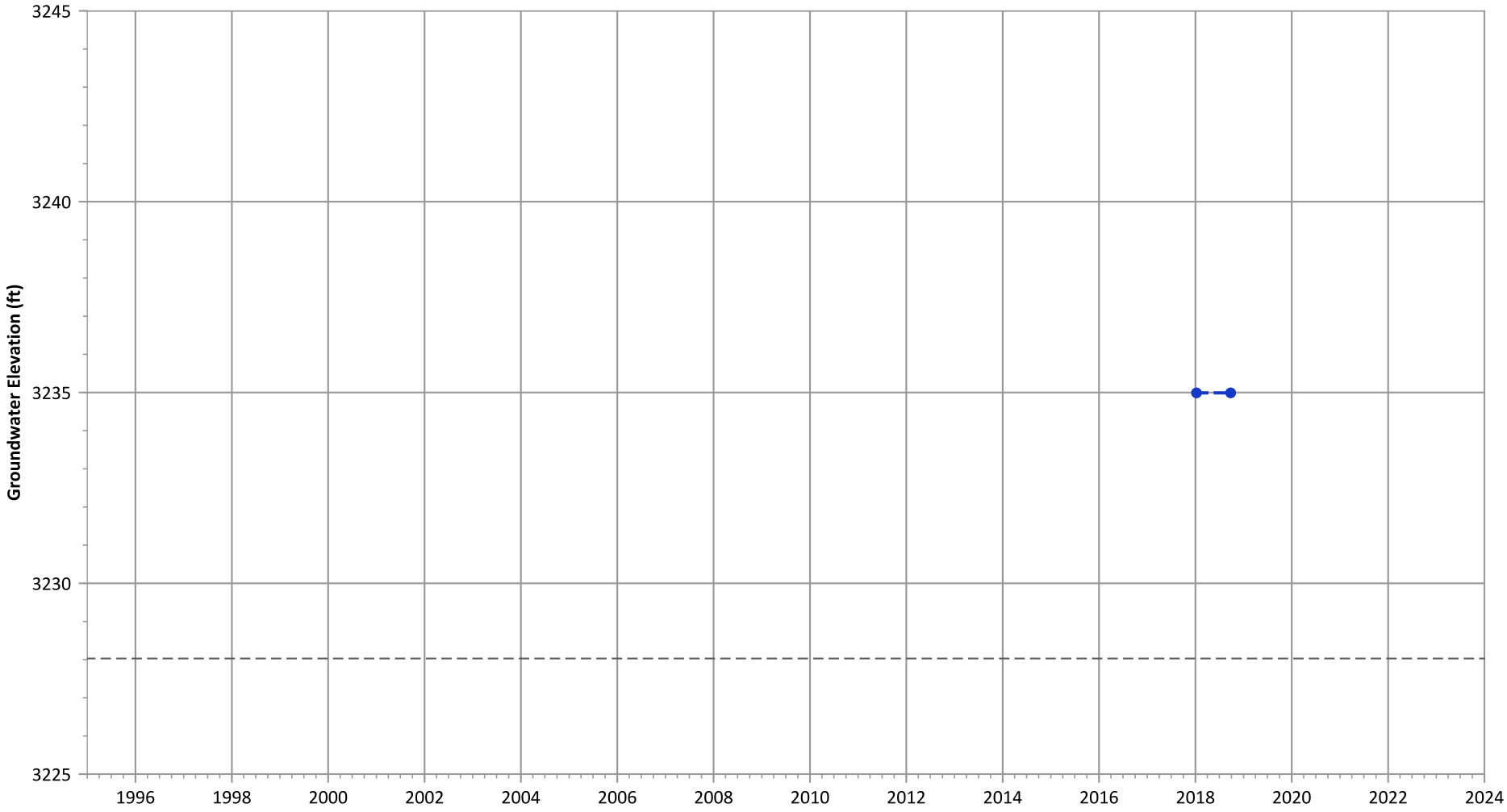
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.27 ft/yr

PTX06-ISB320 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

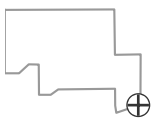


Notes:
1. Top of screen elevation is 3238.03 ft msl.
2. The bottom of screen elevation is 3228.03 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

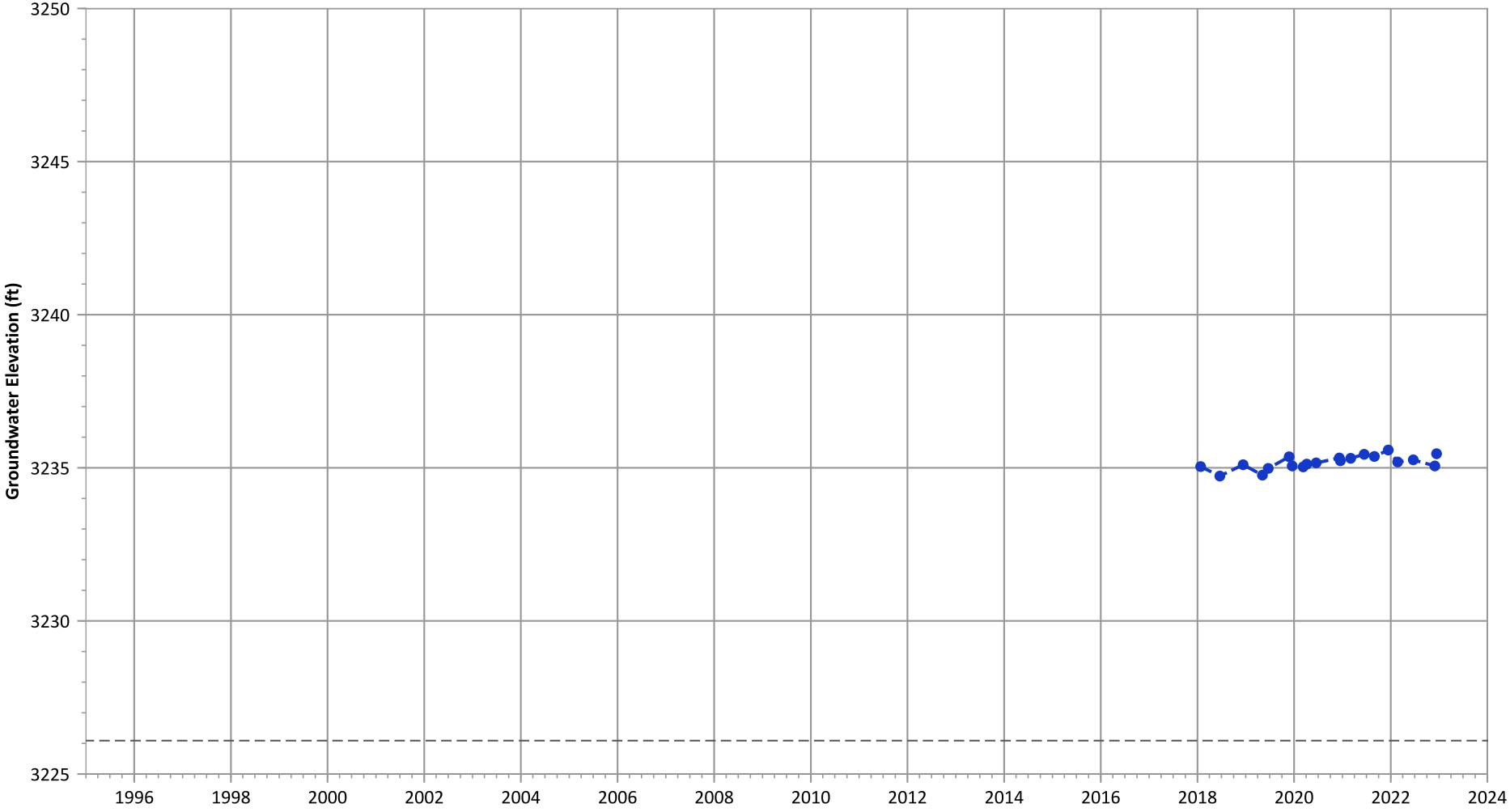
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB321 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3236.09 ft msl.
2. The bottom of screen elevation is 3226.09 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.

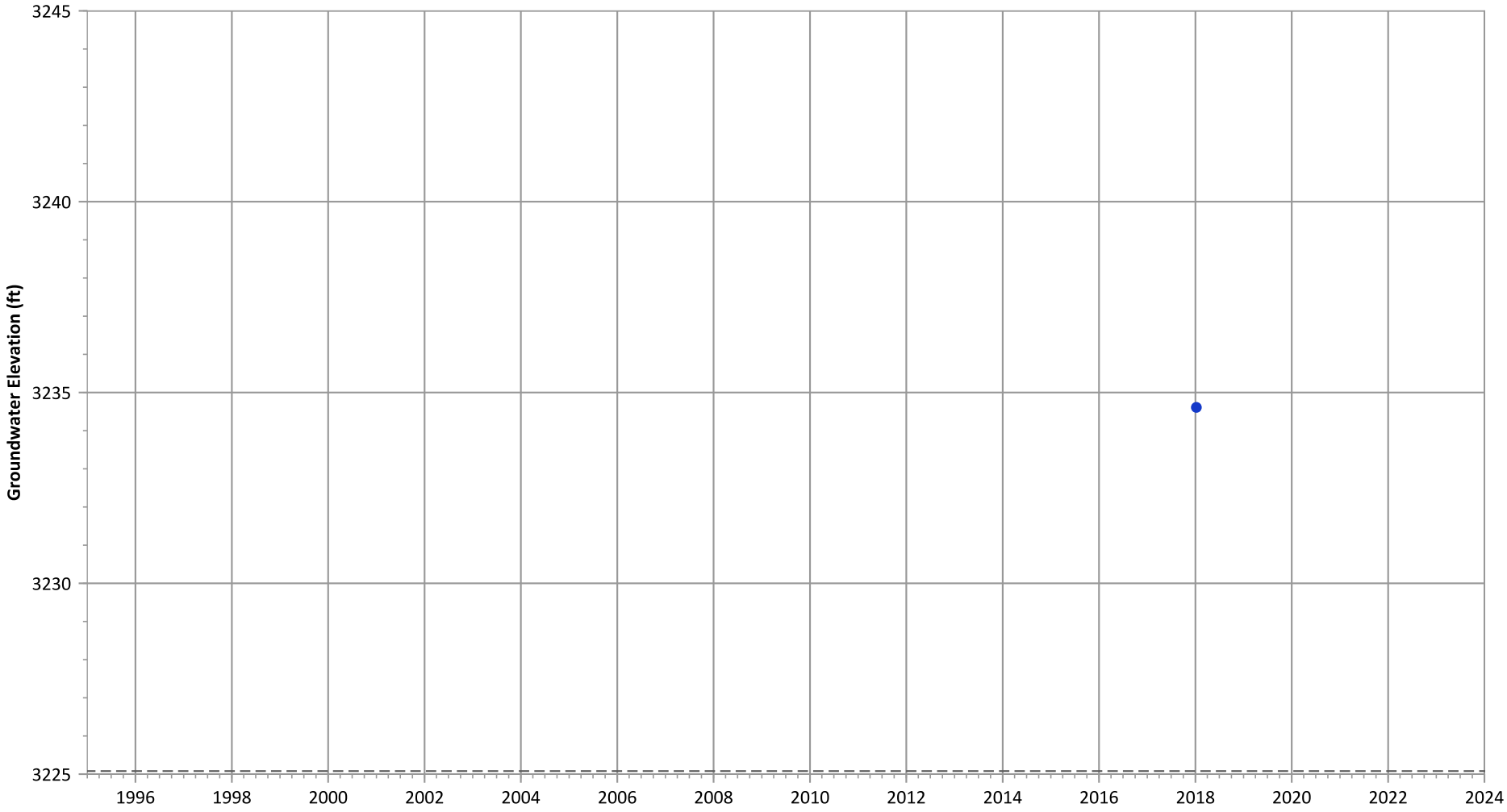
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.1 ft/yr

PTX06-ISB322 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

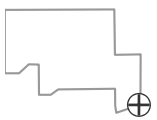


Notes:
1. Top of screen elevation is 3235.08 ft msl.
2. The bottom of screen elevation is 3225.08 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

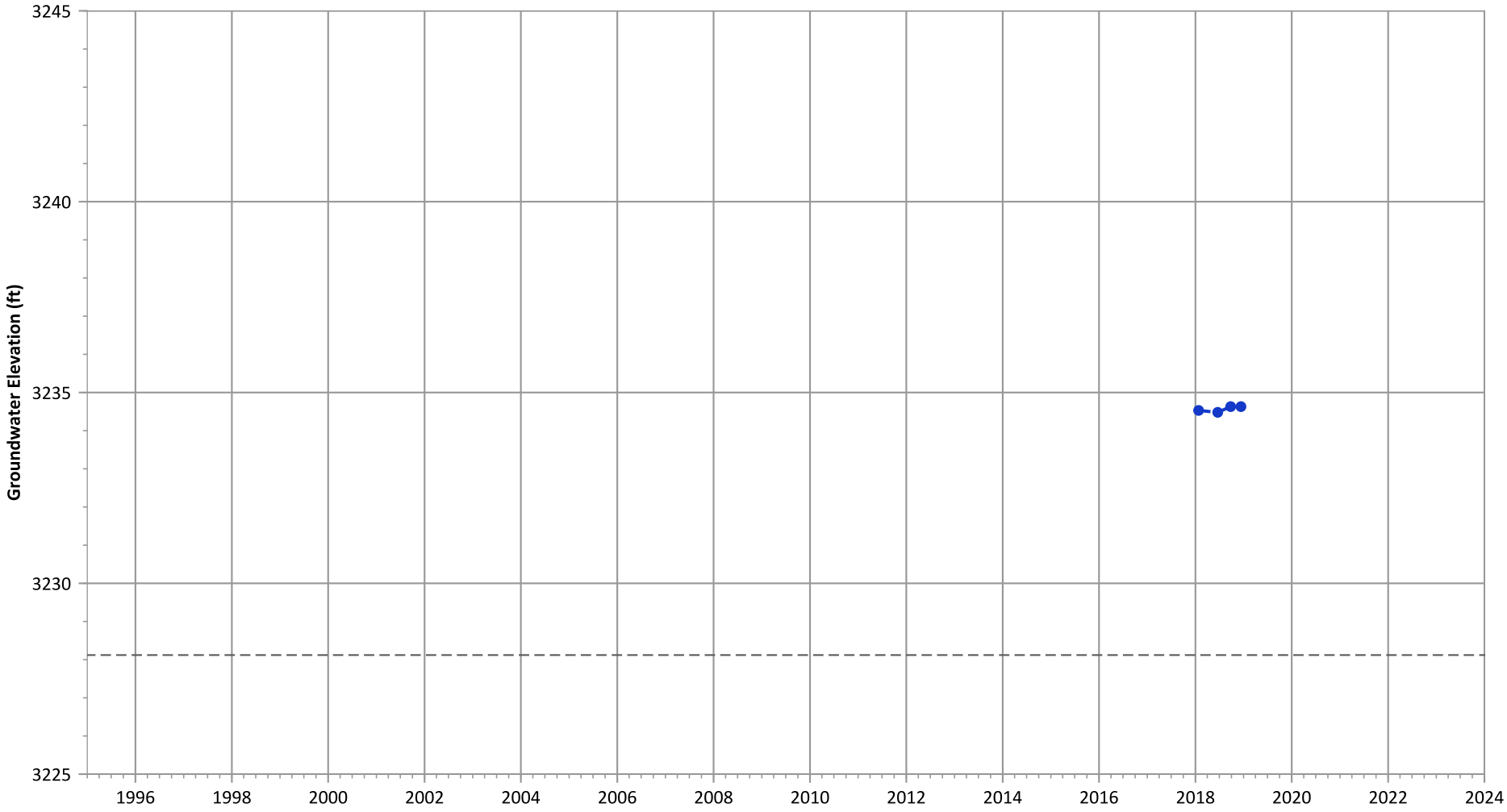
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB323 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

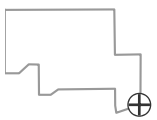


Notes:
1. Top of screen elevation is 3238.12 ft msl.
2. The bottom of screen elevation is 3228.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

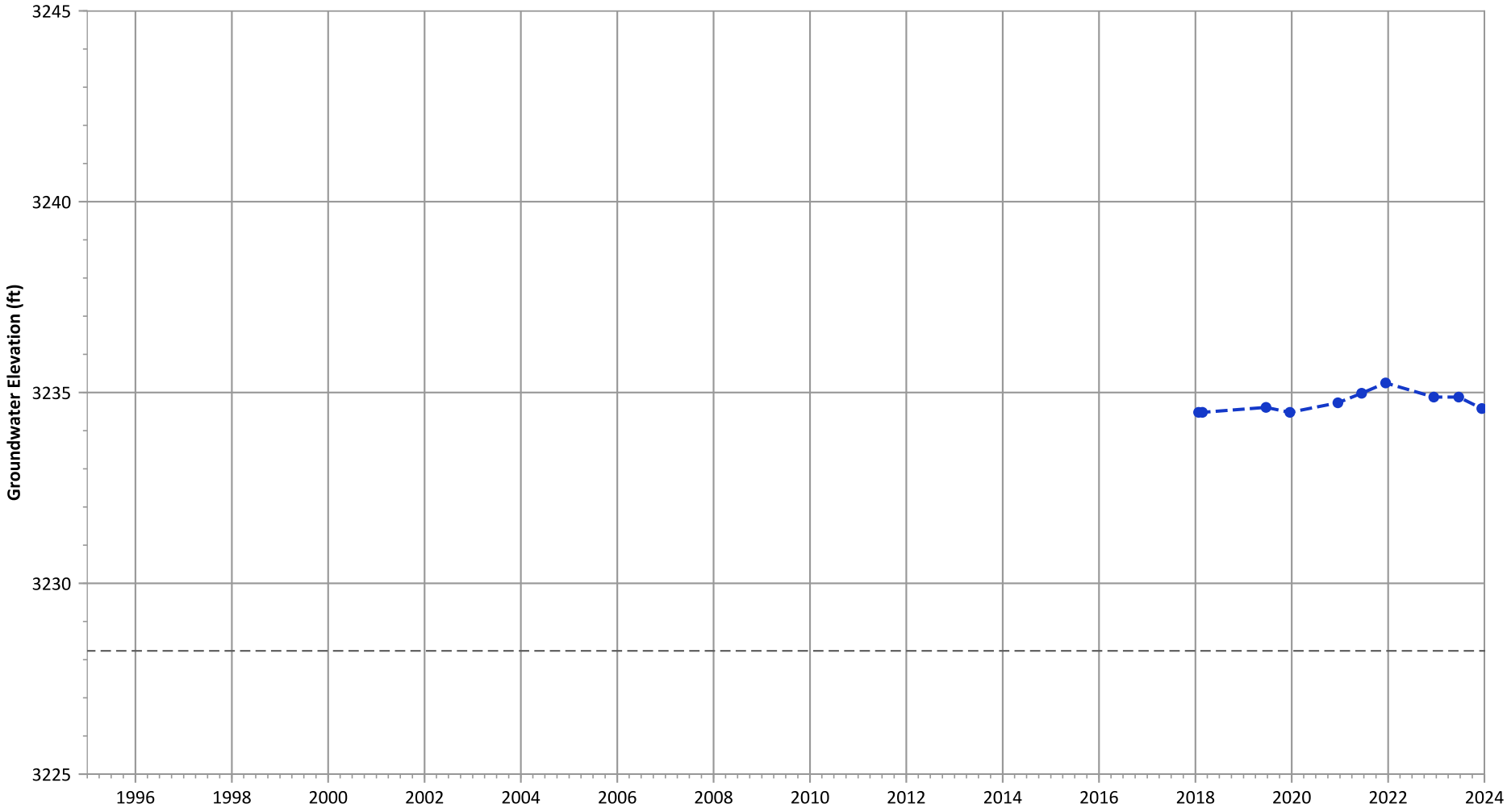
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.14 ft/yr

PTX06-ISB324 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

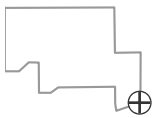


Notes:
1. Top of screen elevation is 3238.23 ft msl.
2. The bottom of screen elevation is 3228.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

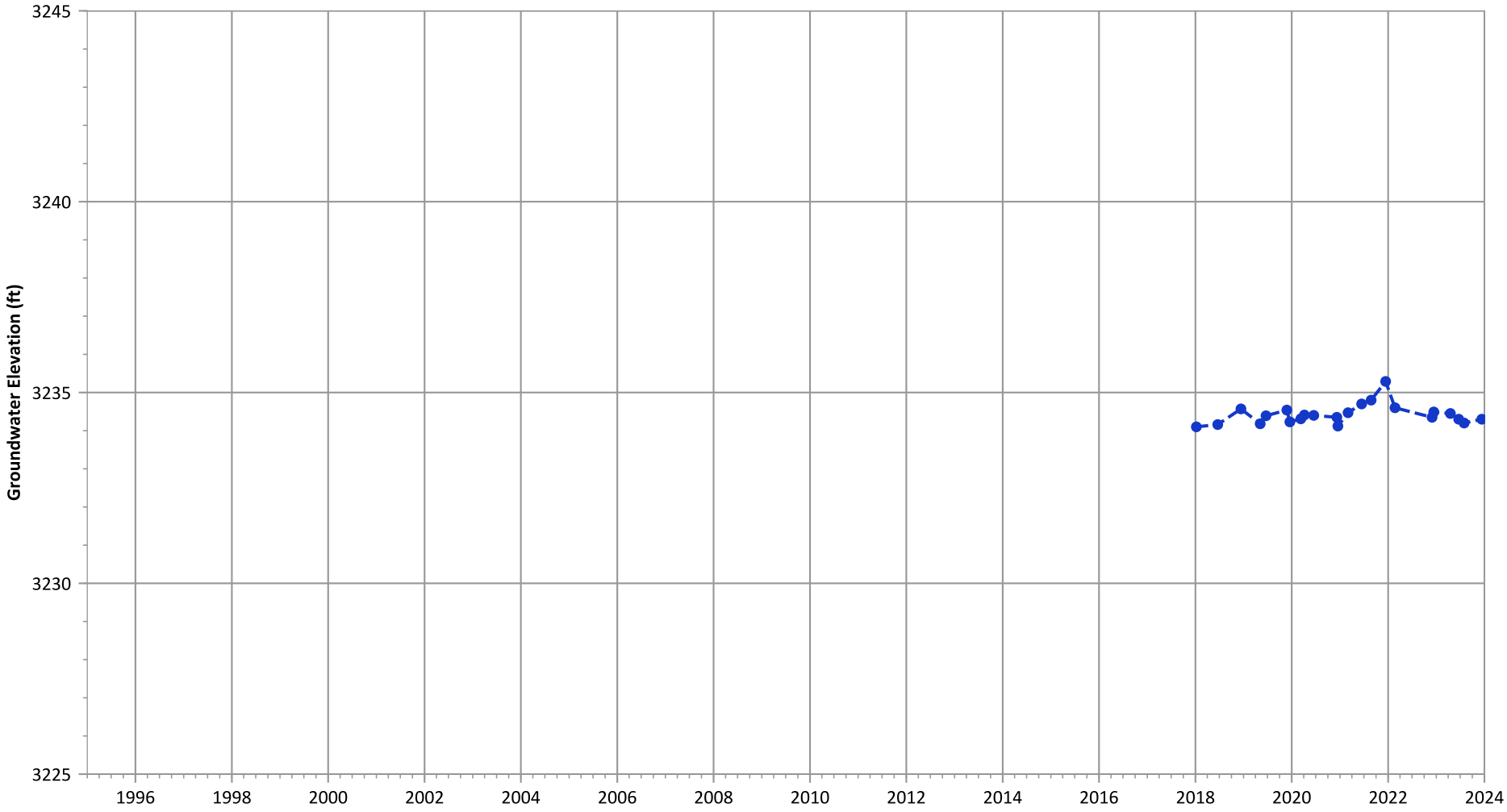
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.3 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB325 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

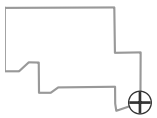


Notes:
1. Top of screen elevation is 3233.2 ft msl.
2. The bottom of screen elevation is 3223.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

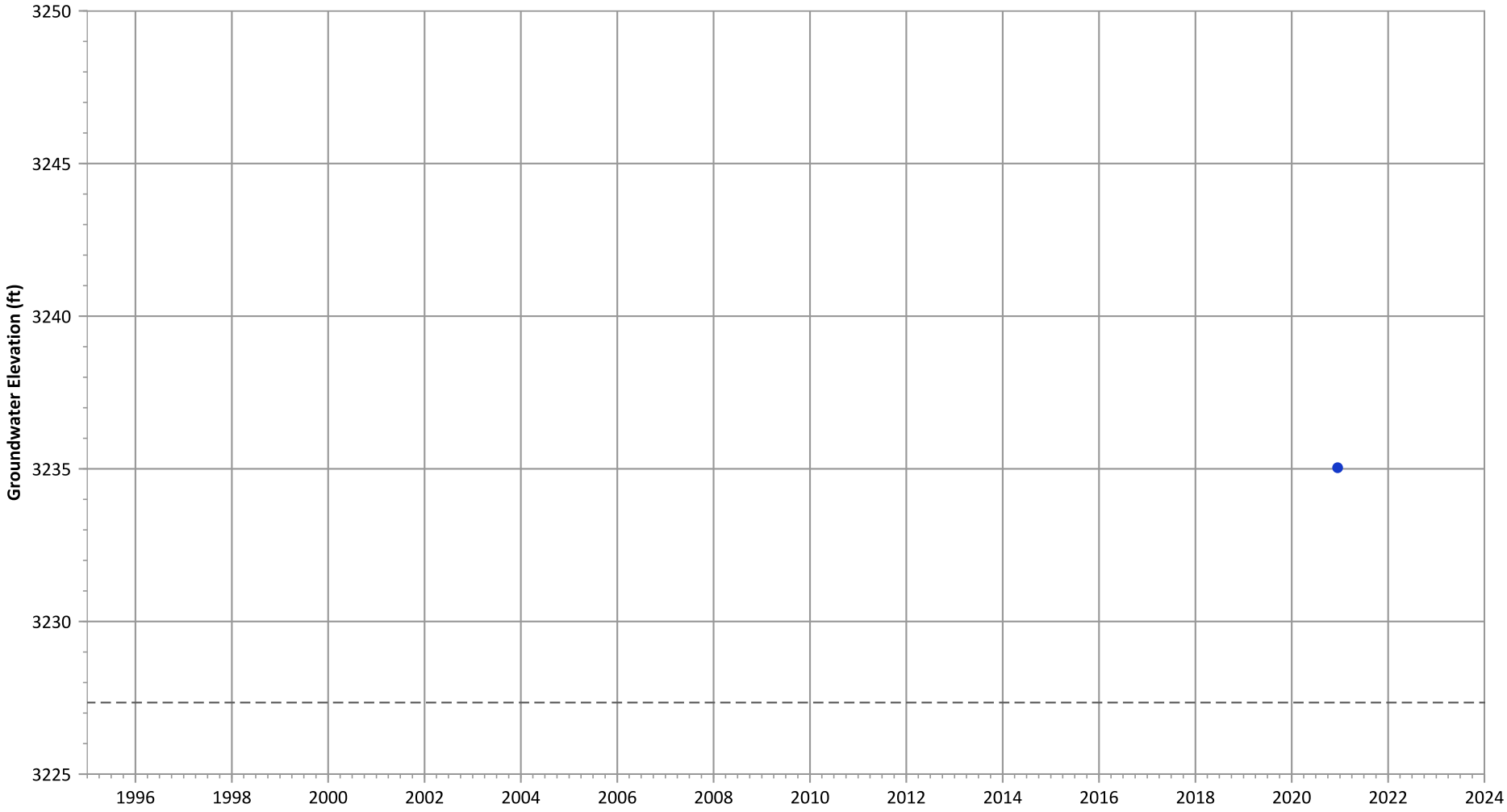
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.19 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX06-ISB327 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

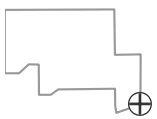


Notes:
1. Top of screen elevation is 3242.34 ft msl.
2. The bottom of screen elevation is 3227.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

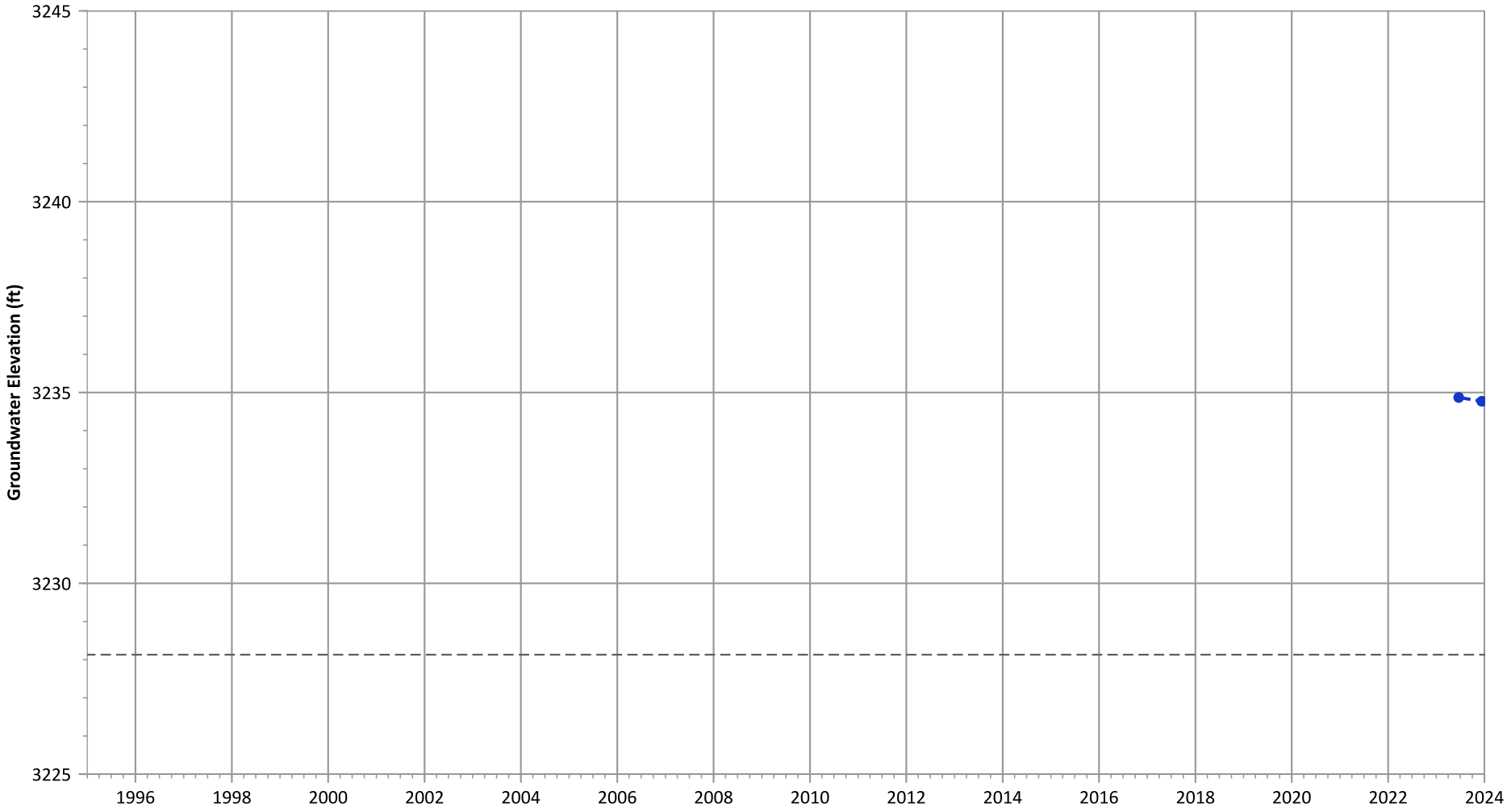
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB328 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

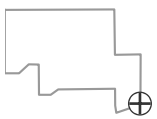


Notes:
1. Top of screen elevation is 3238.13 ft msl.
2. The bottom of screen elevation is 3228.13 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

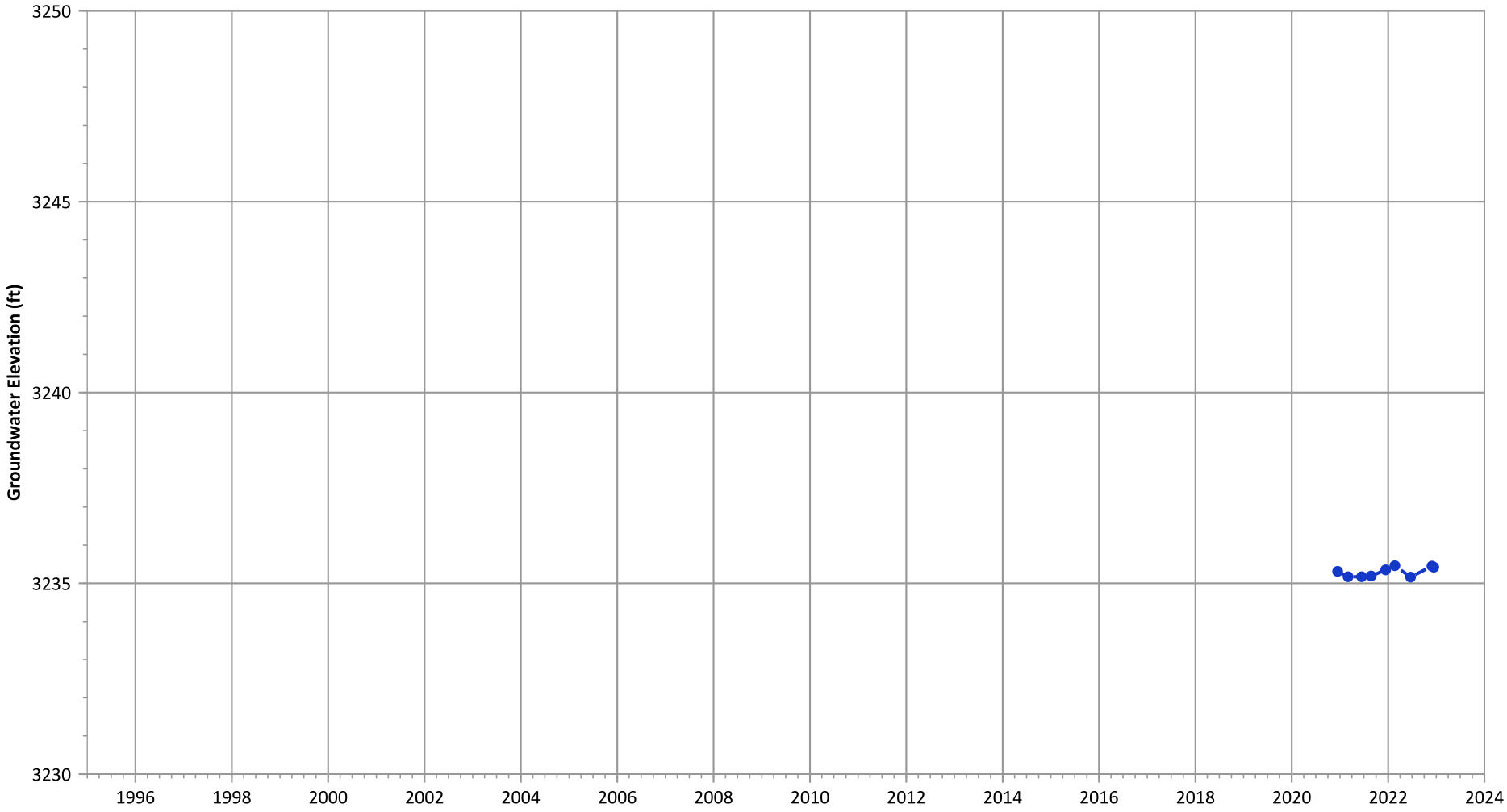
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB329 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

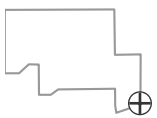


Notes:
1. Top of screen elevation is 3242.85 ft msl.
2. The bottom of screen elevation is 3227.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

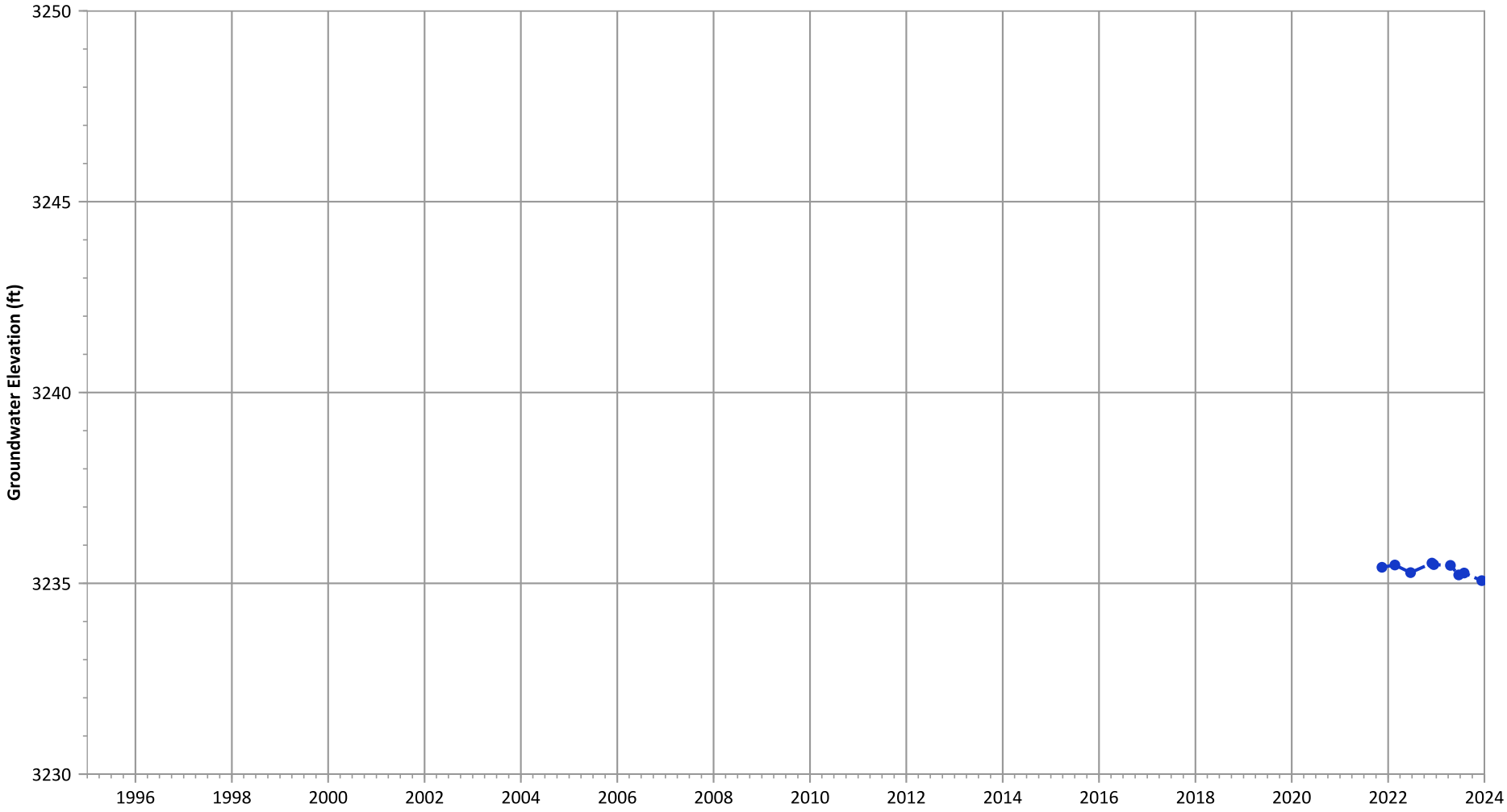
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX06-ISB331 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3244.05 ft msl.
2. The bottom of screen elevation is 3229.05 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.

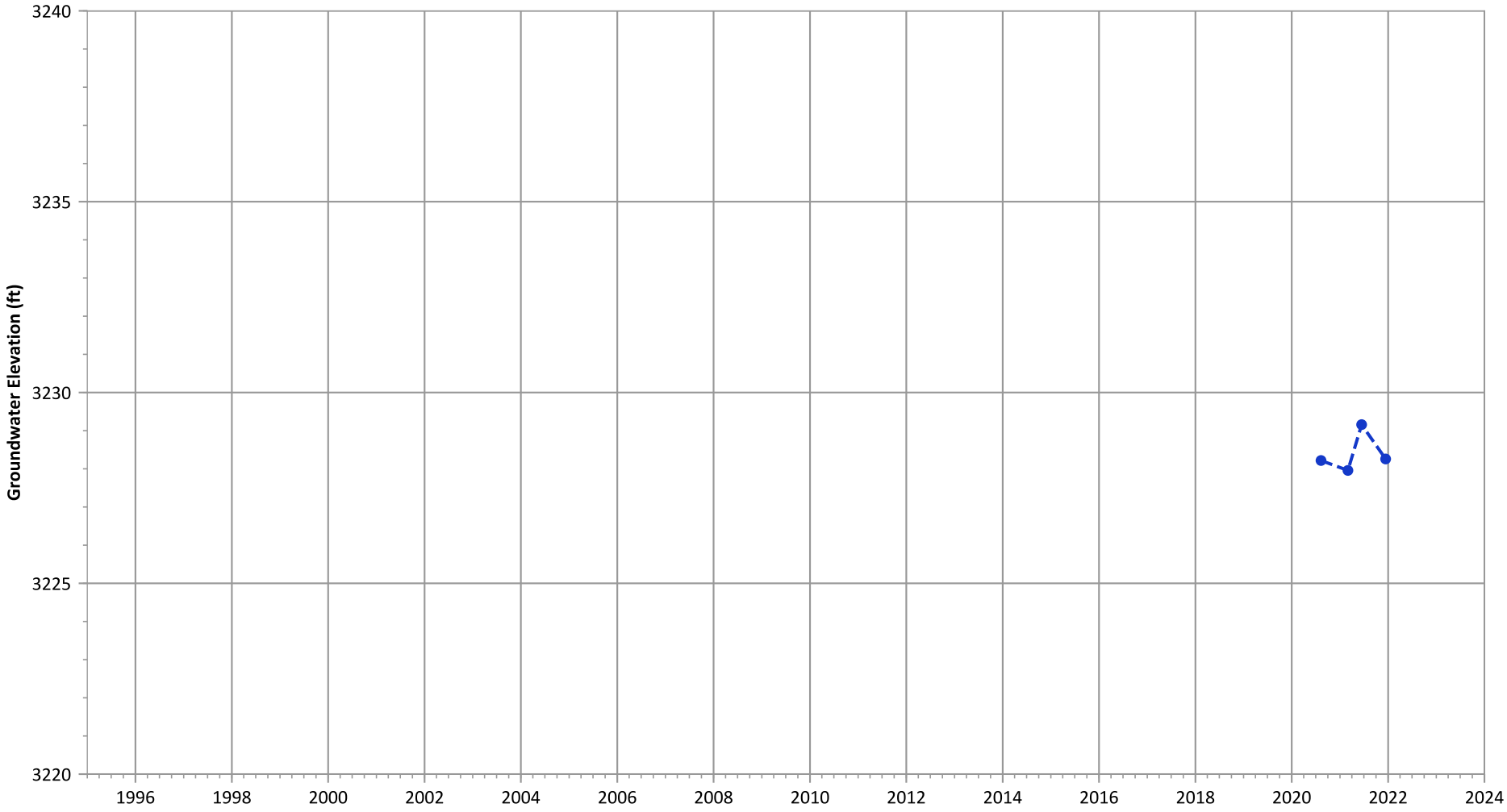
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.17 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.13 ft/yr

PTX06-ISB401 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

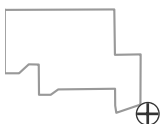


Notes:
1. Top of screen elevation is 3239.2 ft msl.
2. The bottom of screen elevation is 3219.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

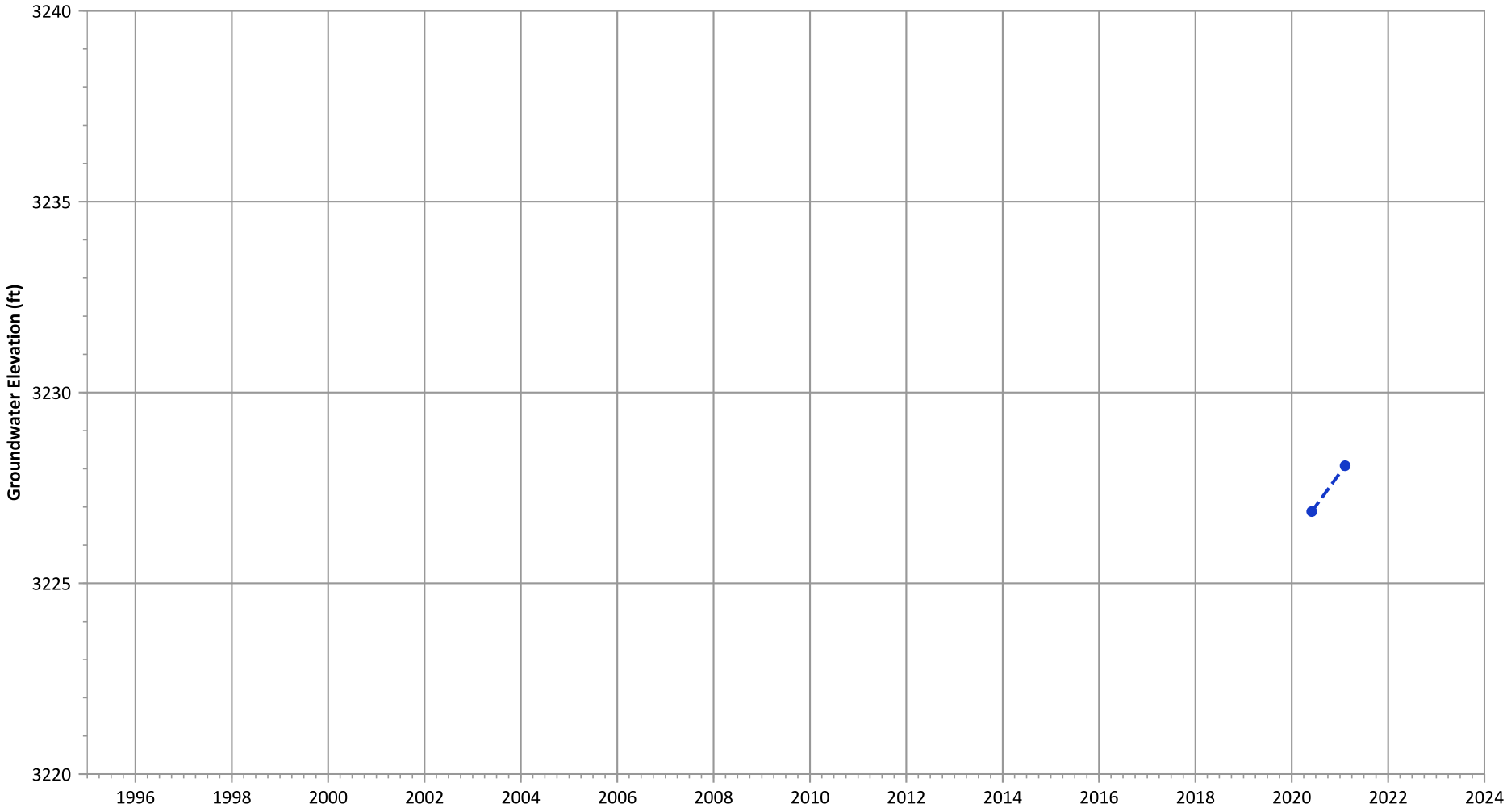
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.22 ft/yr

PTX06-ISB402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

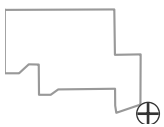


Notes:
1. Top of screen elevation is 3235.46 ft msl.
2. The bottom of screen elevation is 3215.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

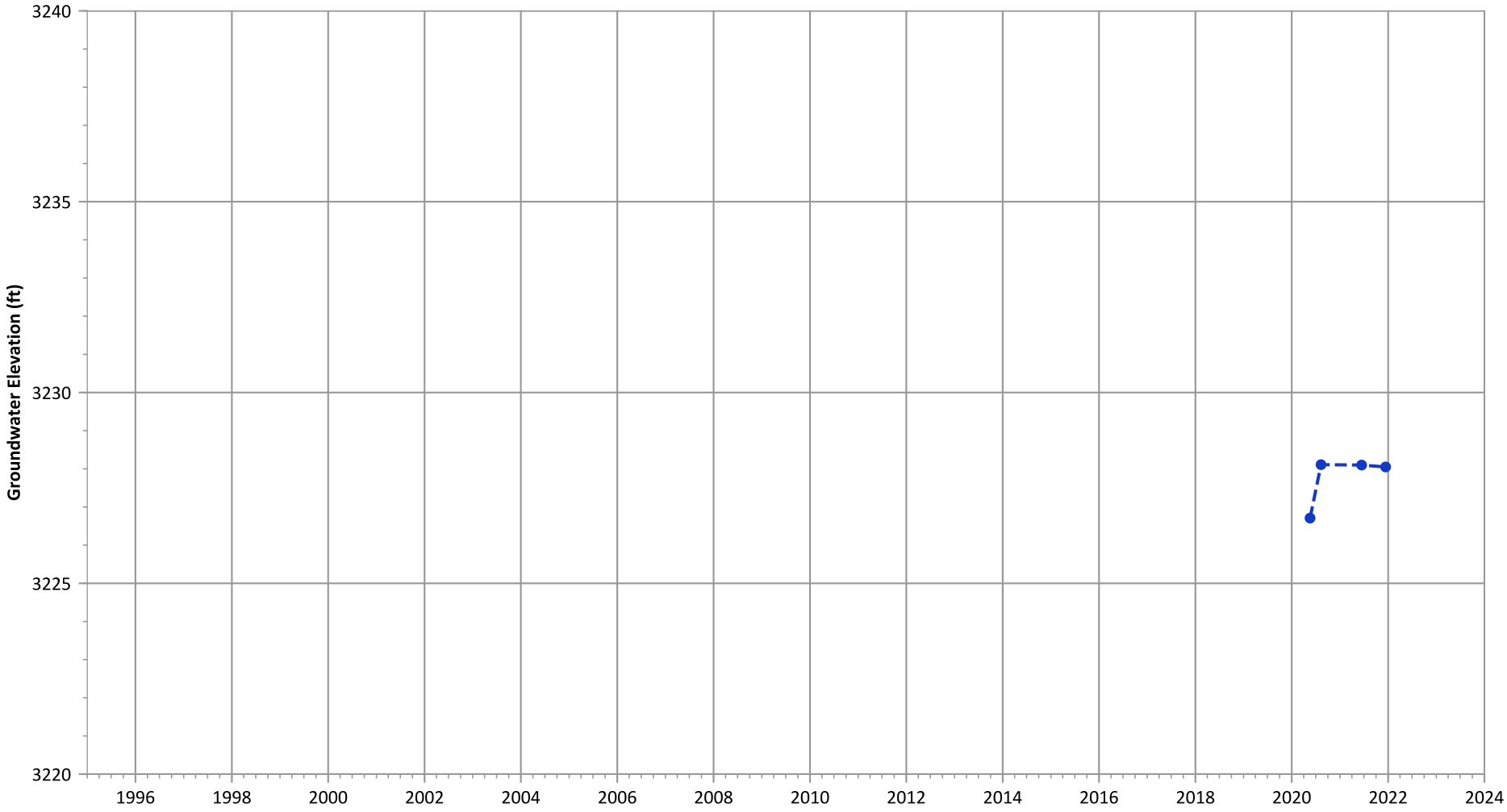
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB404 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

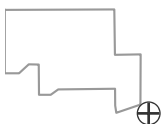


Notes:
1. Top of screen elevation is 3234.27 ft msl.
2. The bottom of screen elevation is 3214.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

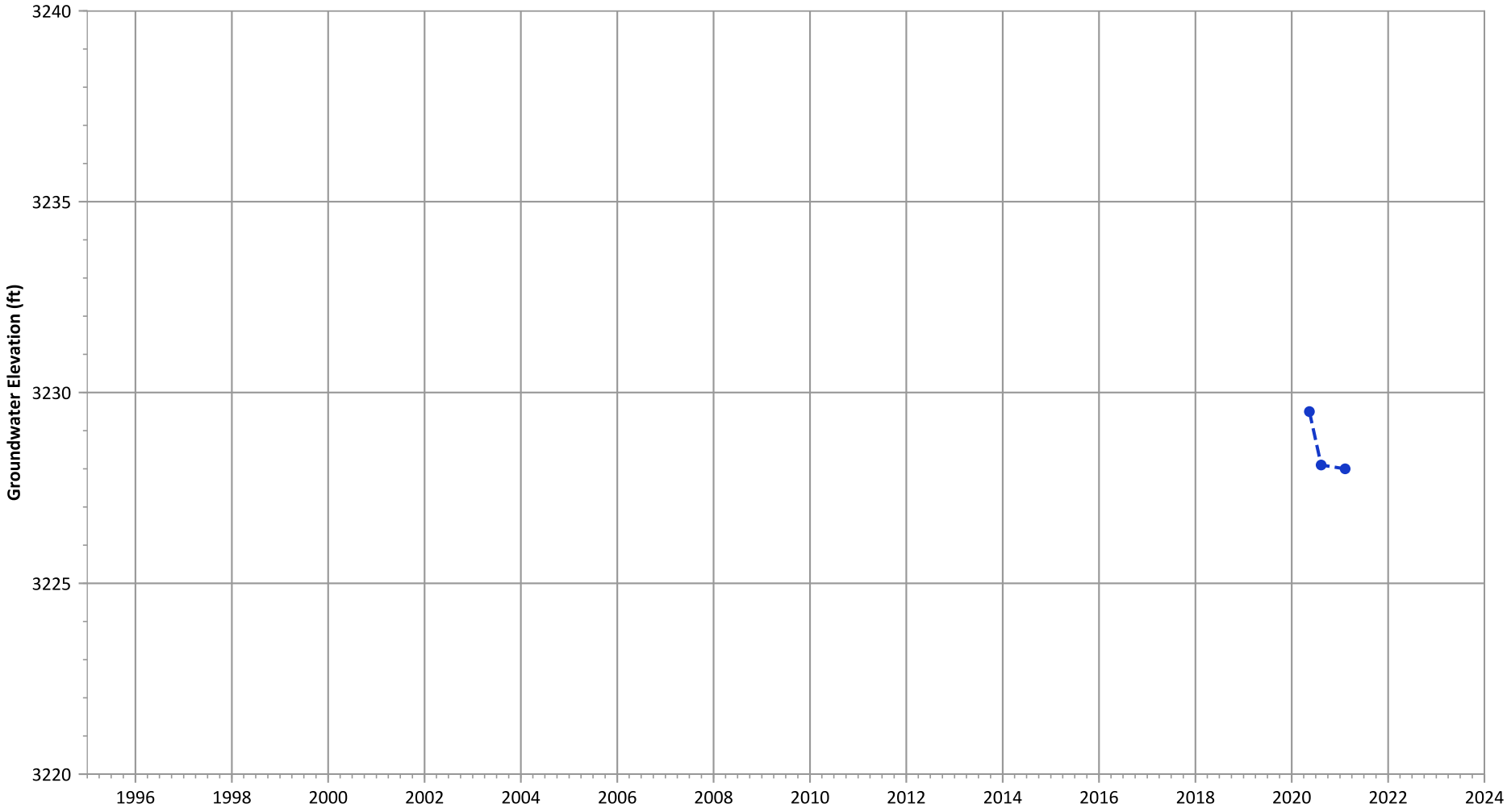
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.59 ft/yr

PTX06-ISB406 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

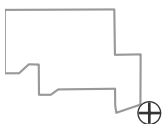


Notes:
1. Top of screen elevation is 3233.42 ft msl.
2. The bottom of screen elevation is 3213.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

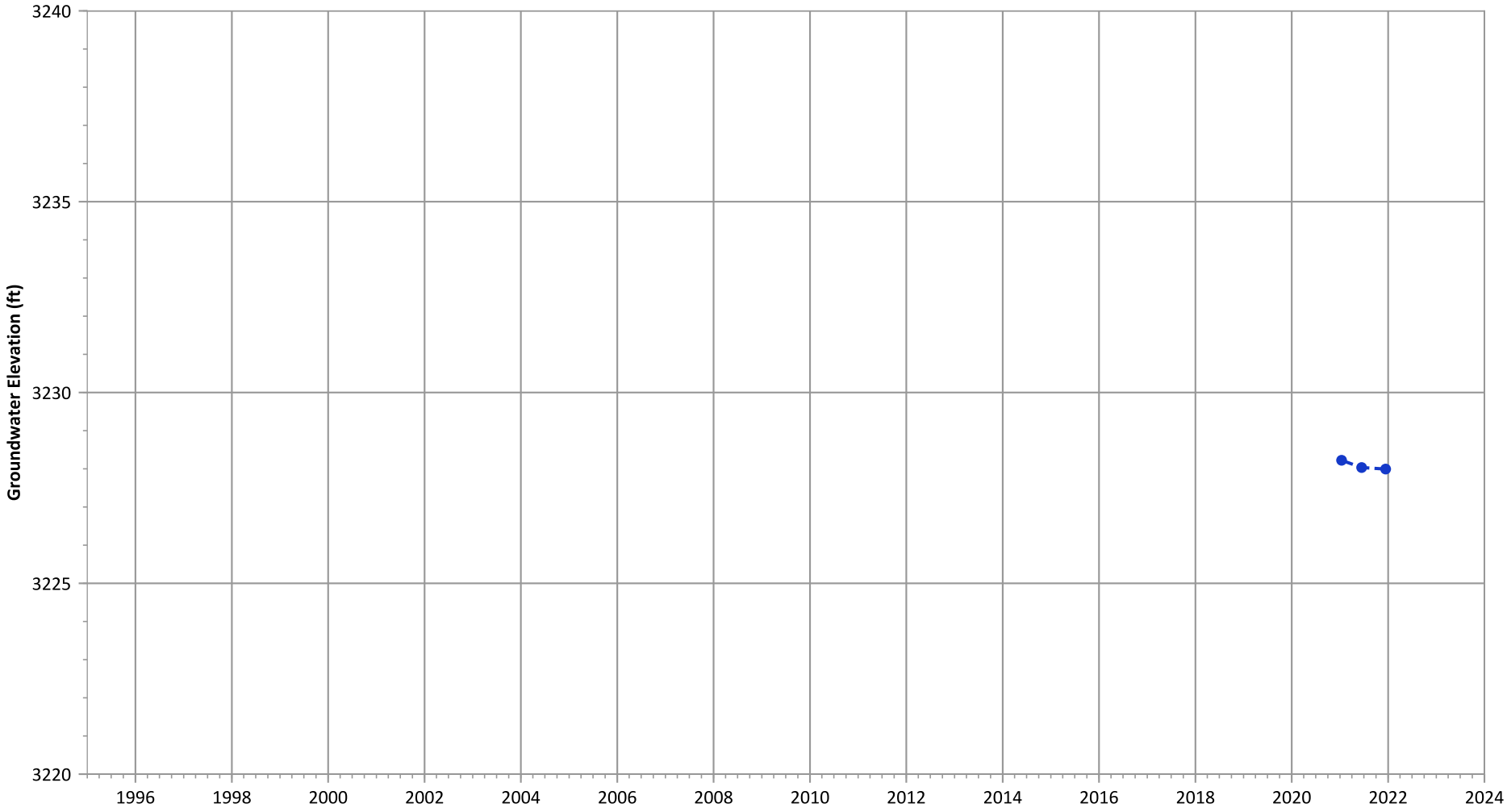
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 1.75 ft/yr

PTX06-ISB407 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

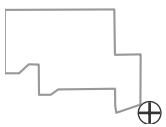


Notes:
1. Top of screen elevation is 3233.32 ft msl.
2. The bottom of screen elevation is 3213.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

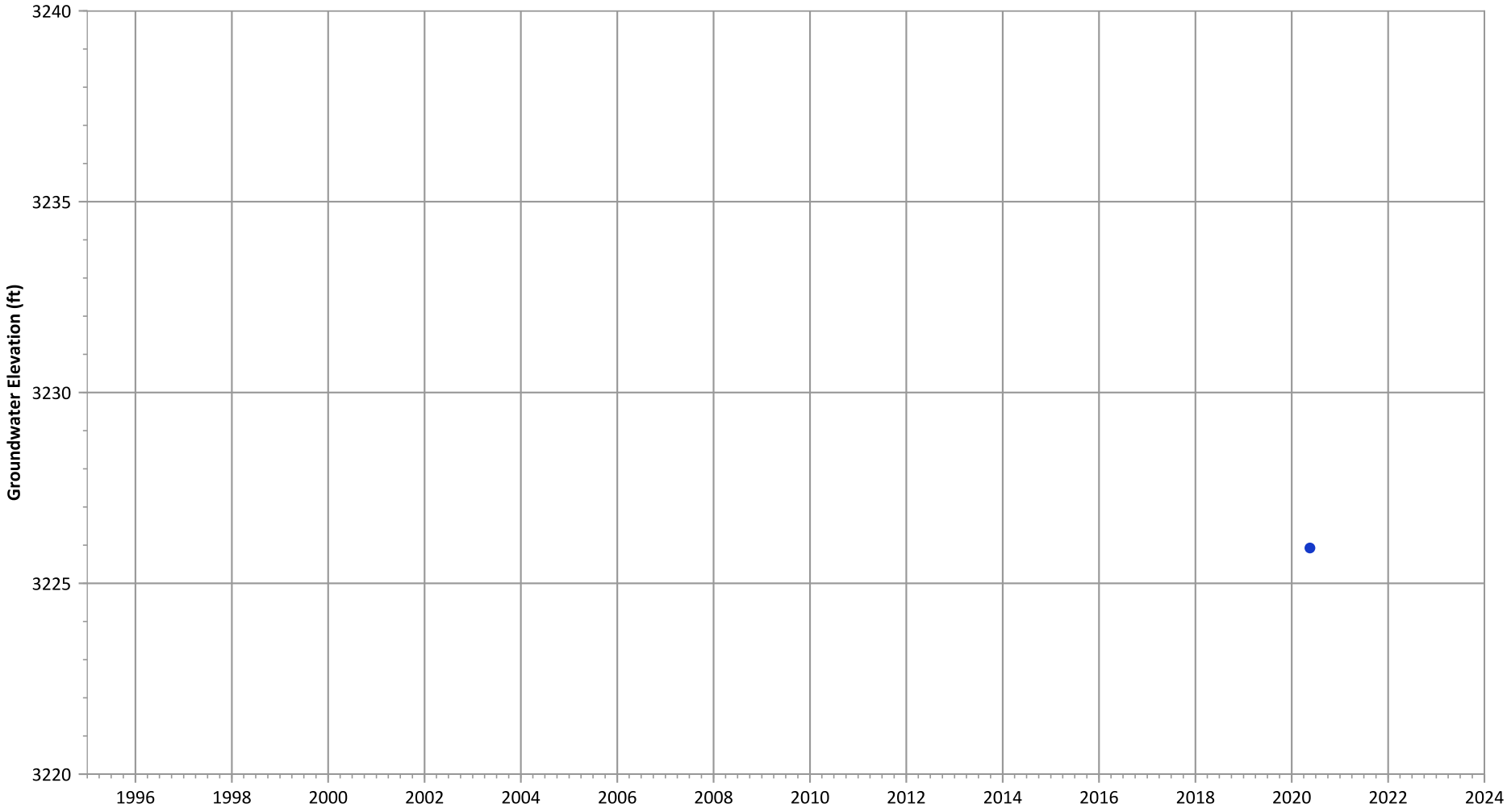
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.25 ft/yr

PTX06-ISB408 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

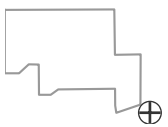


Notes:
1. Top of screen elevation is 3233.67 ft msl.
2. The bottom of screen elevation is 3213.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

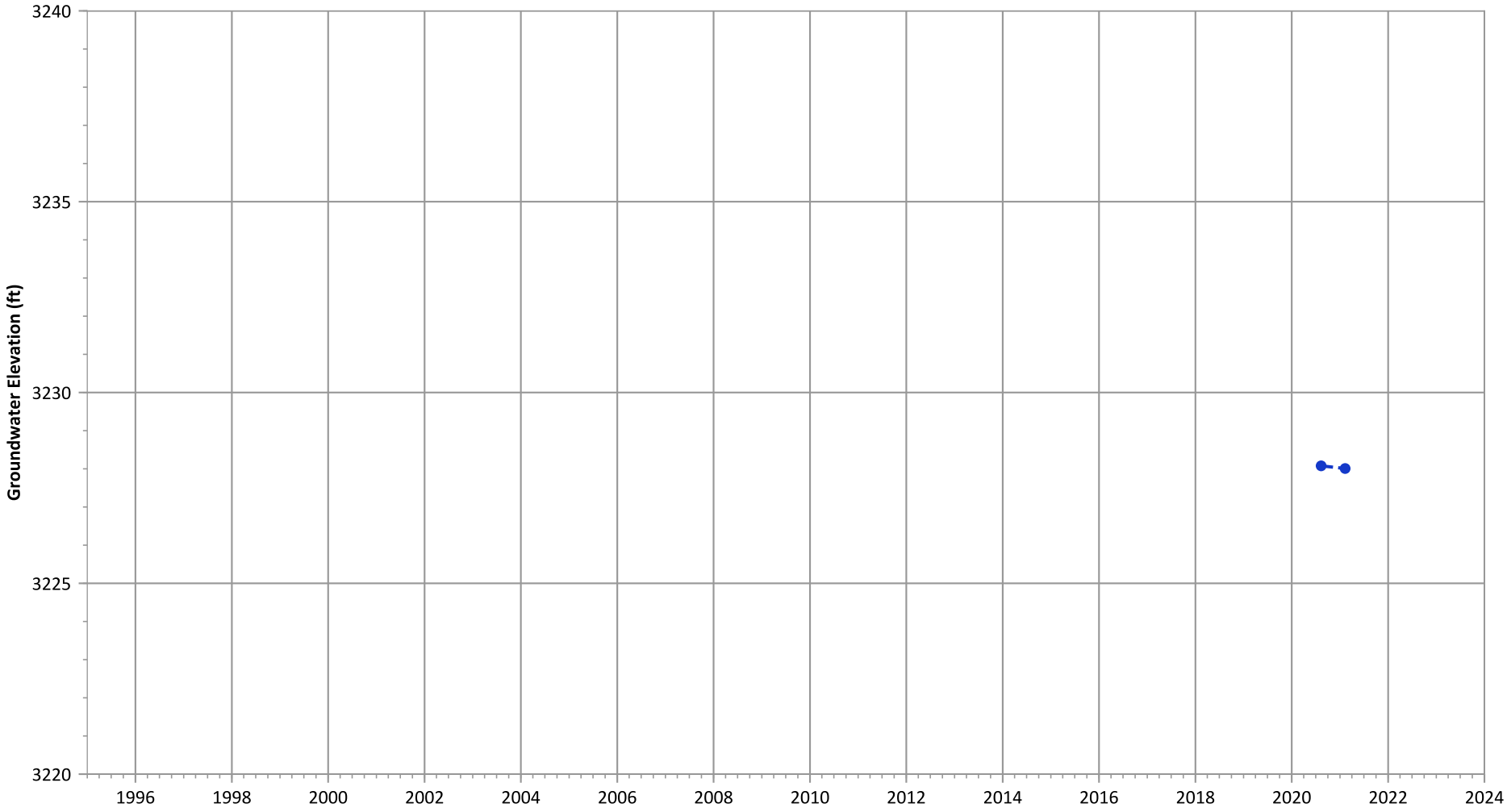
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB409 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

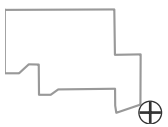


Notes:
1. Top of screen elevation is 3236.74 ft msl.
2. The bottom of screen elevation is 3216.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

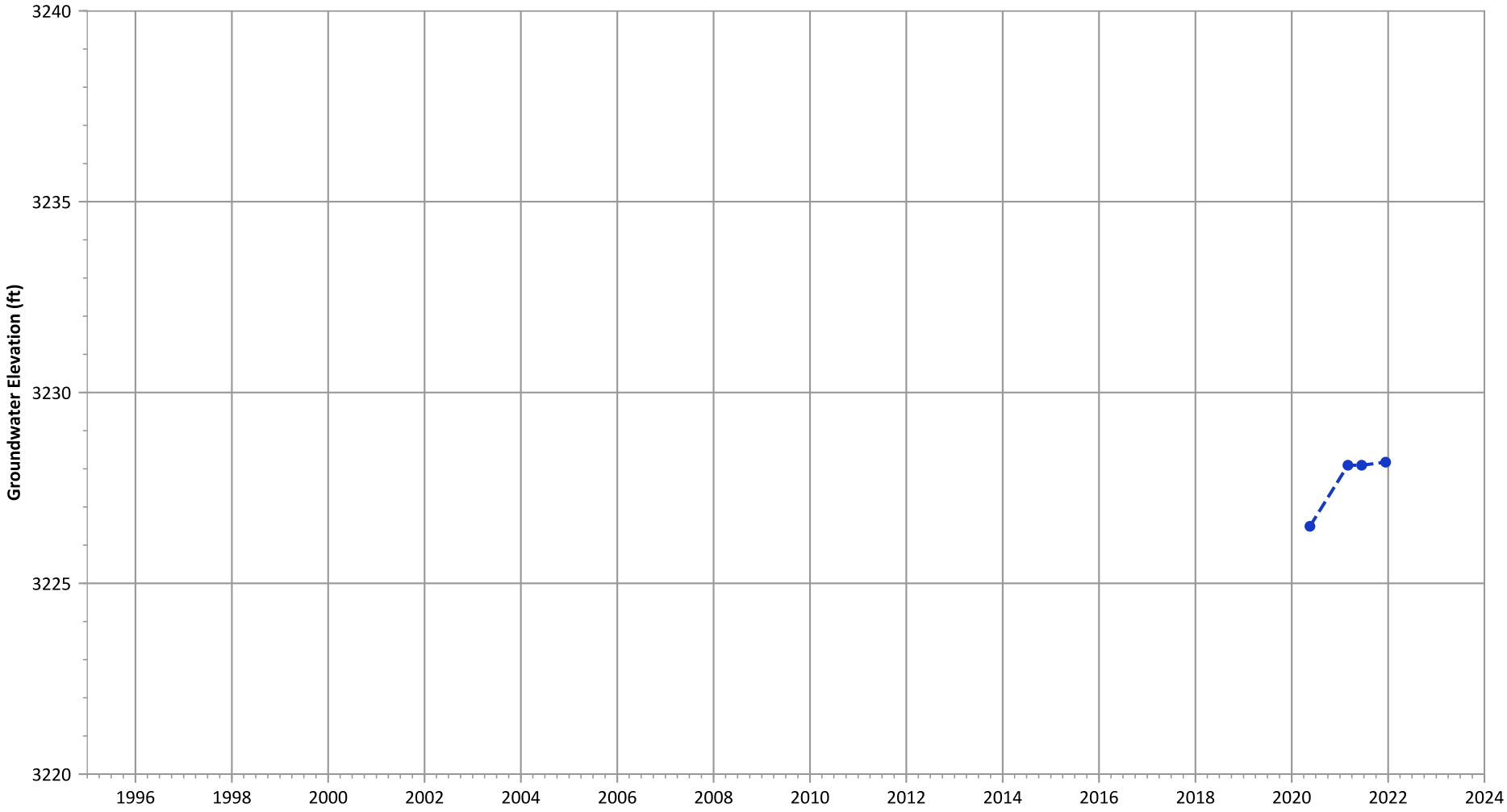
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB410 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

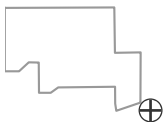


Notes:
1. Top of screen elevation is 3237.87 ft msl.
2. The bottom of screen elevation is 3217.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

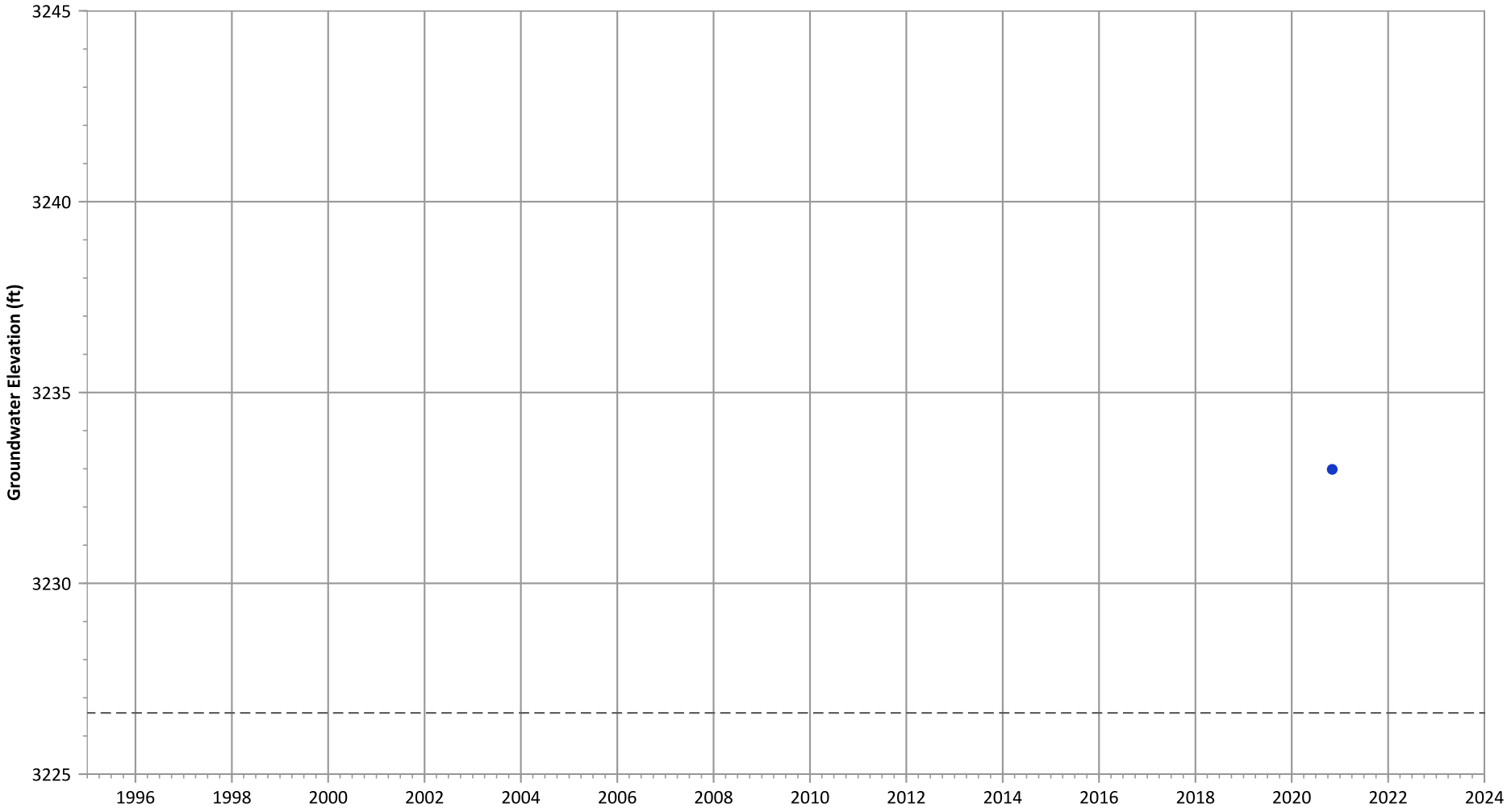
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 1.1 ft/yr

PTX06-ISB411 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

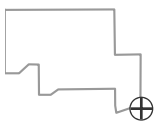


Notes:
1. Top of screen elevation is 3236.6 ft msl.
2. The bottom of screen elevation is 3226.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

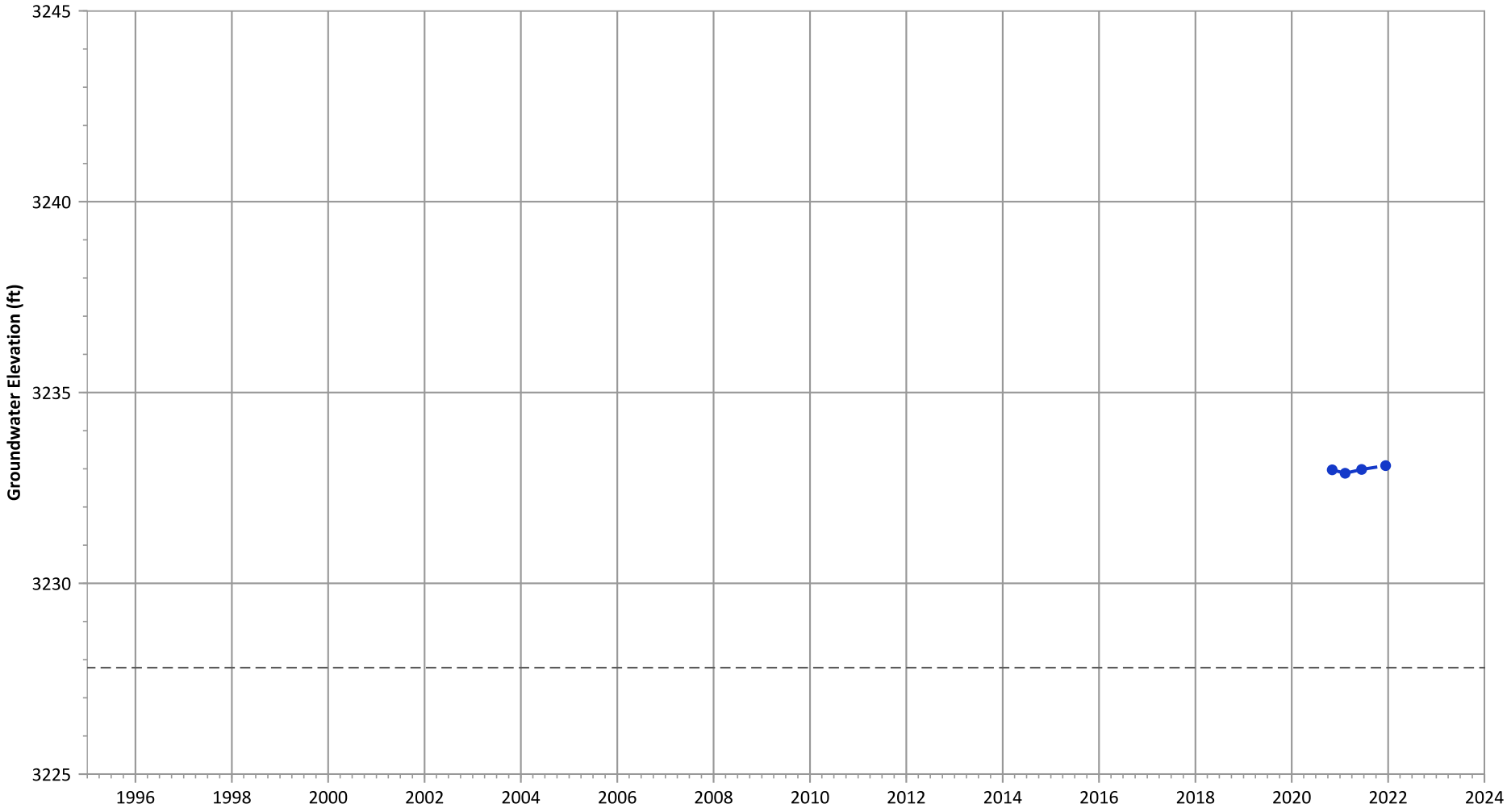
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB412 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

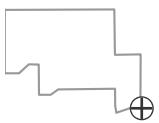


Notes:
1. Top of screen elevation is 3237.79 ft msl.
2. The bottom of screen elevation is 3227.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

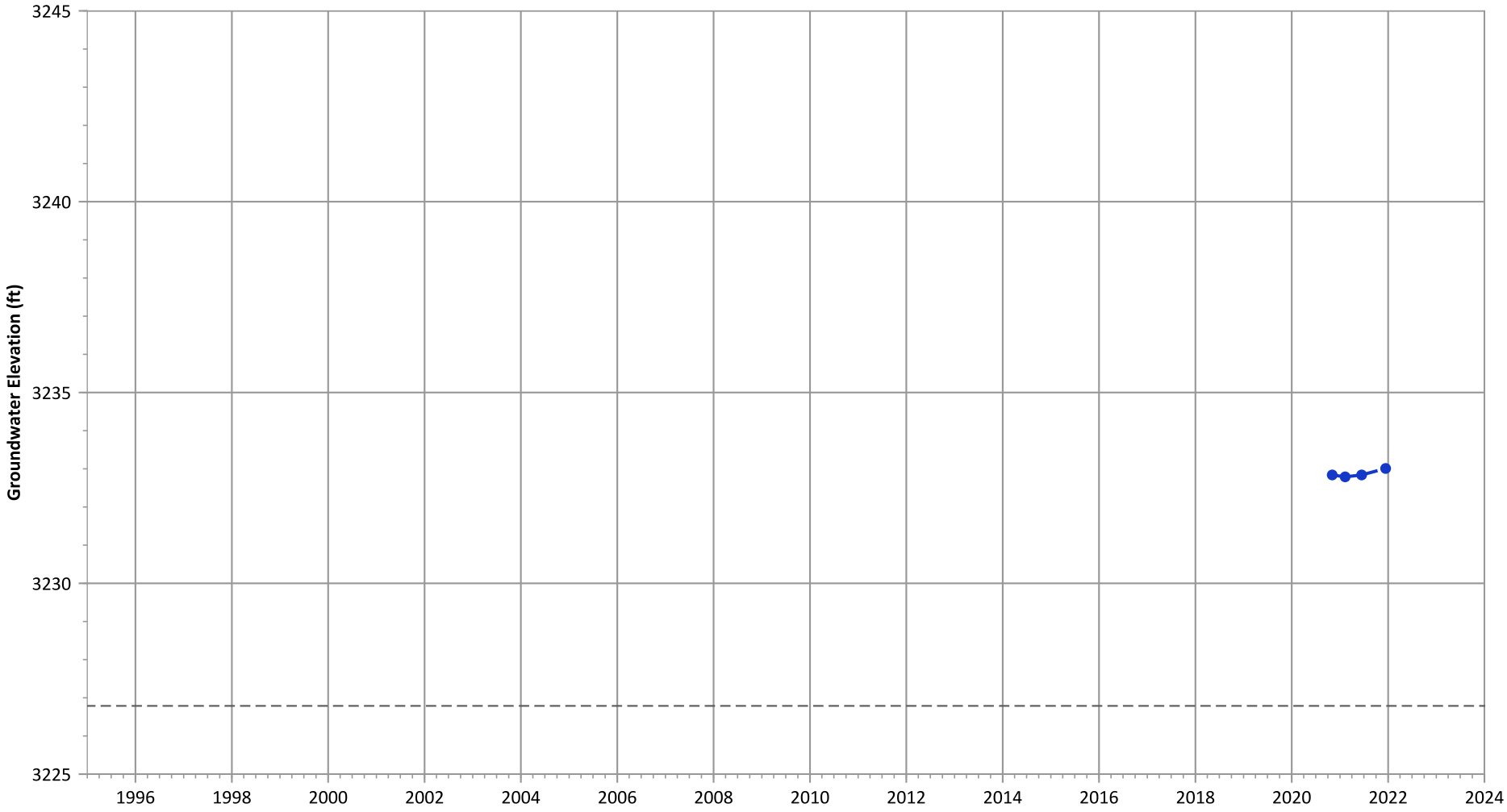
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.13 ft/yr

PTX06-ISB414 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

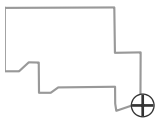


Notes:
1. Top of screen elevation is 3236.79 ft msl.
2. The bottom of screen elevation is 3226.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

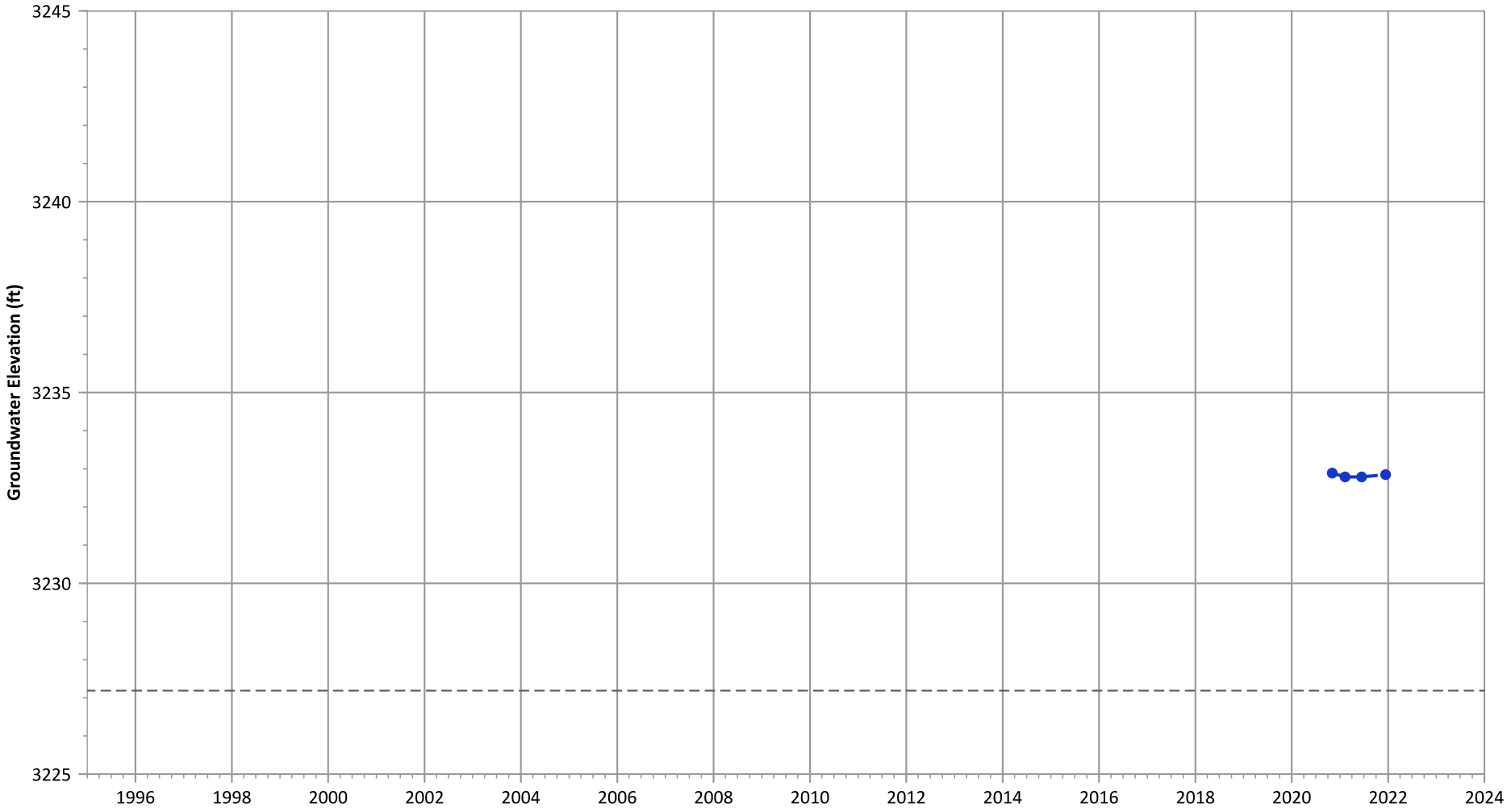
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.17 ft/yr

PTX06-ISB416 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

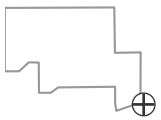


Notes:
1. Top of screen elevation is 3237.19 ft msl.
2. The bottom of screen elevation is 3227.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

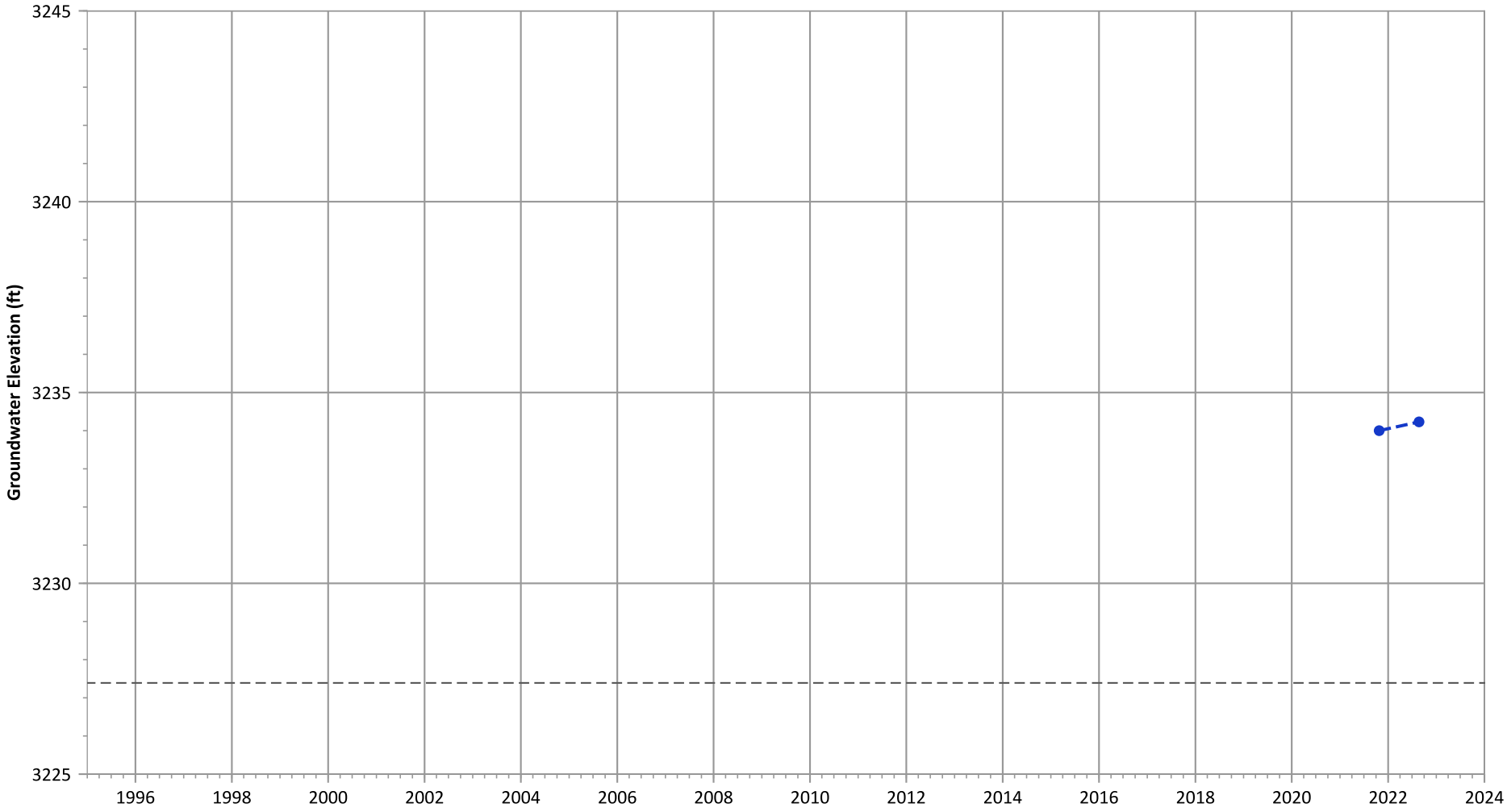
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-ISB417 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

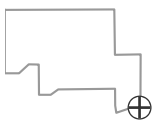


Notes:
1. Top of screen elevation is 3242.39 ft msl.
2. The bottom of screen elevation is 3227.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

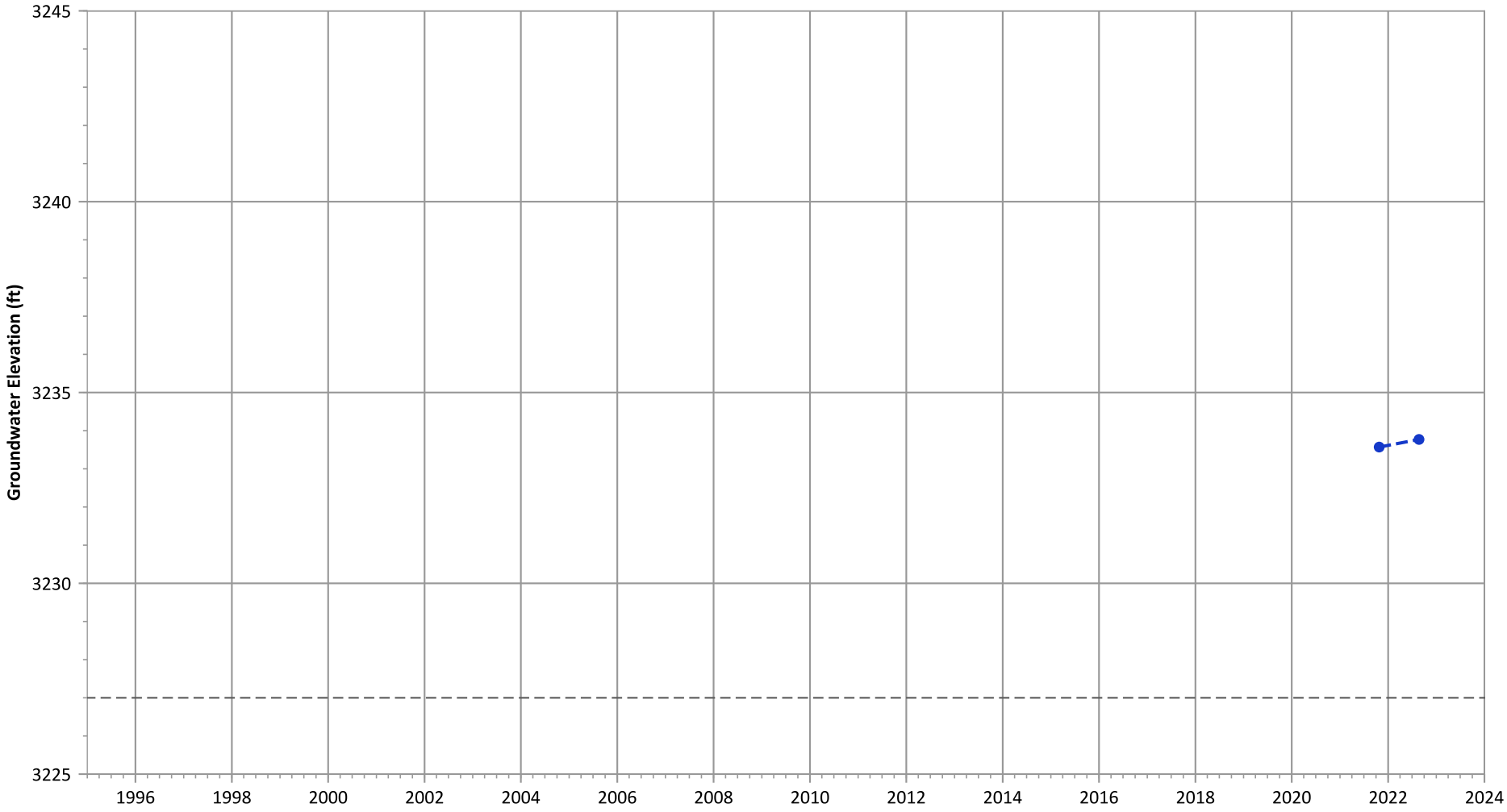
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB418 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

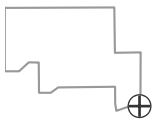


Notes:
1. Top of screen elevation is 3242.0 ft msl.
2. The bottom of screen elevation is 3227.0 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

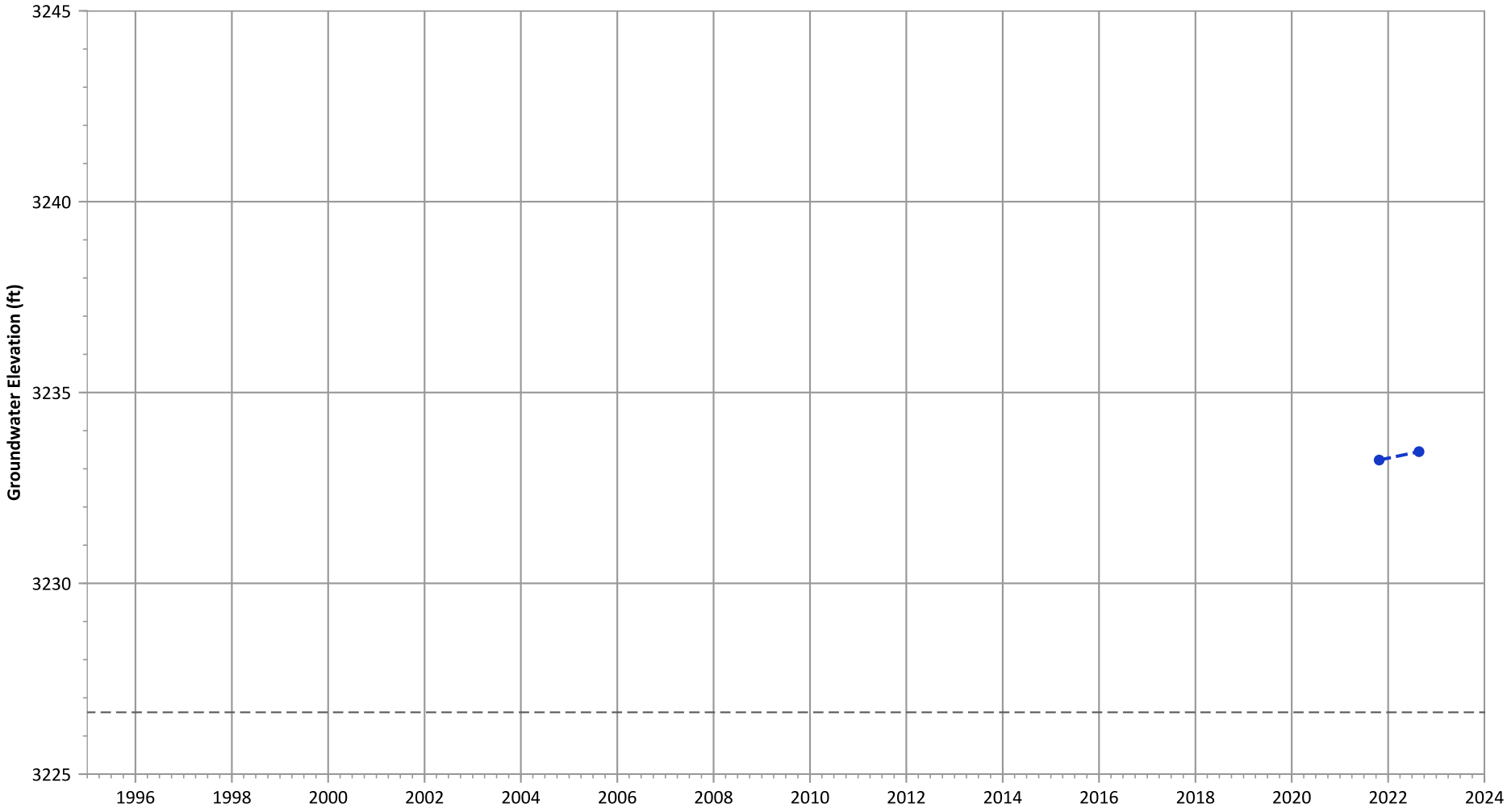
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB419 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

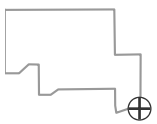


Notes:
1. Top of screen elevation is 3241.62 ft msl.
2. The bottom of screen elevation is 3226.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

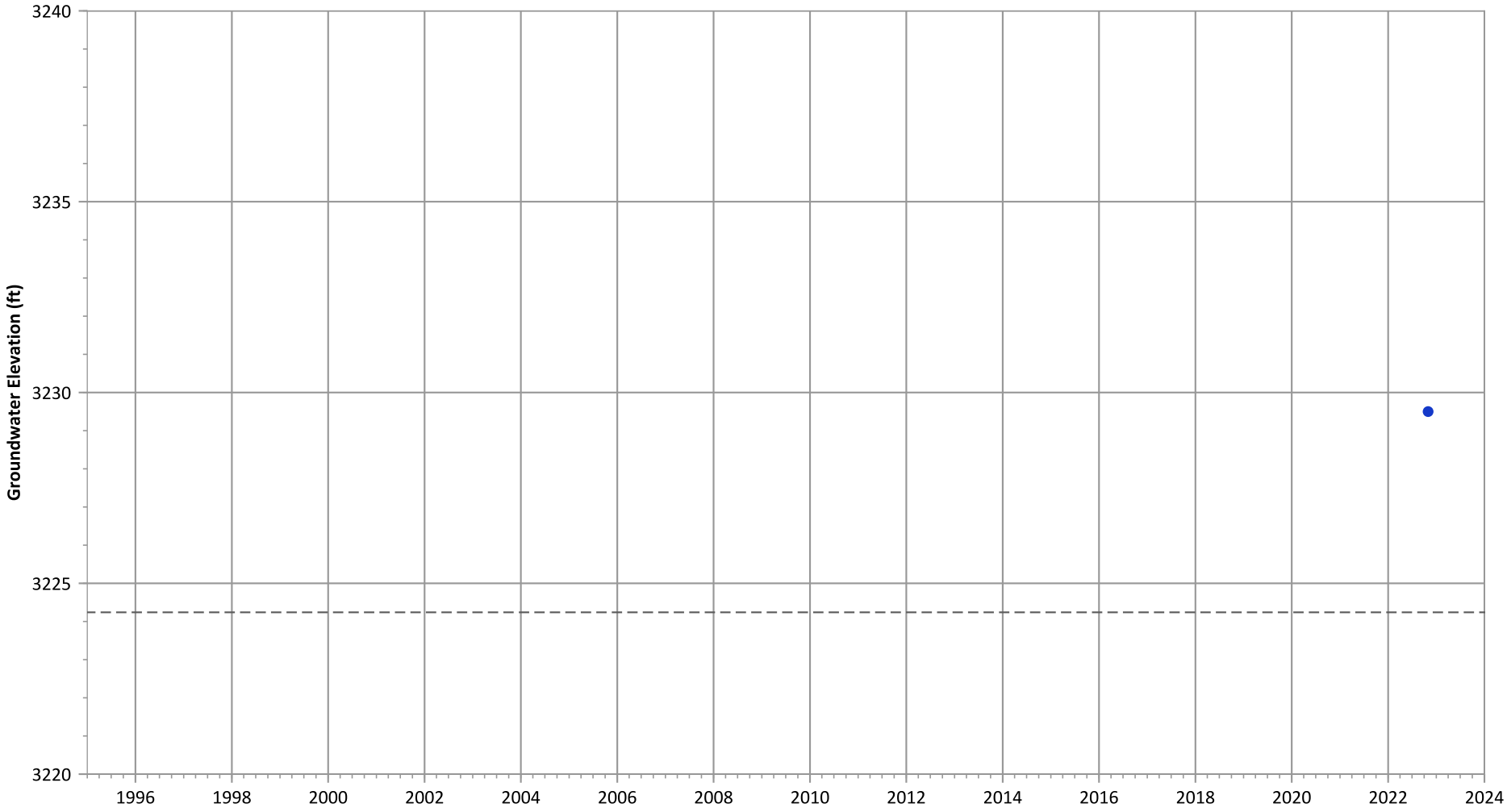
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-ISB427 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3229.24 ft msl.
2. The bottom of screen elevation is 3224.24 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.

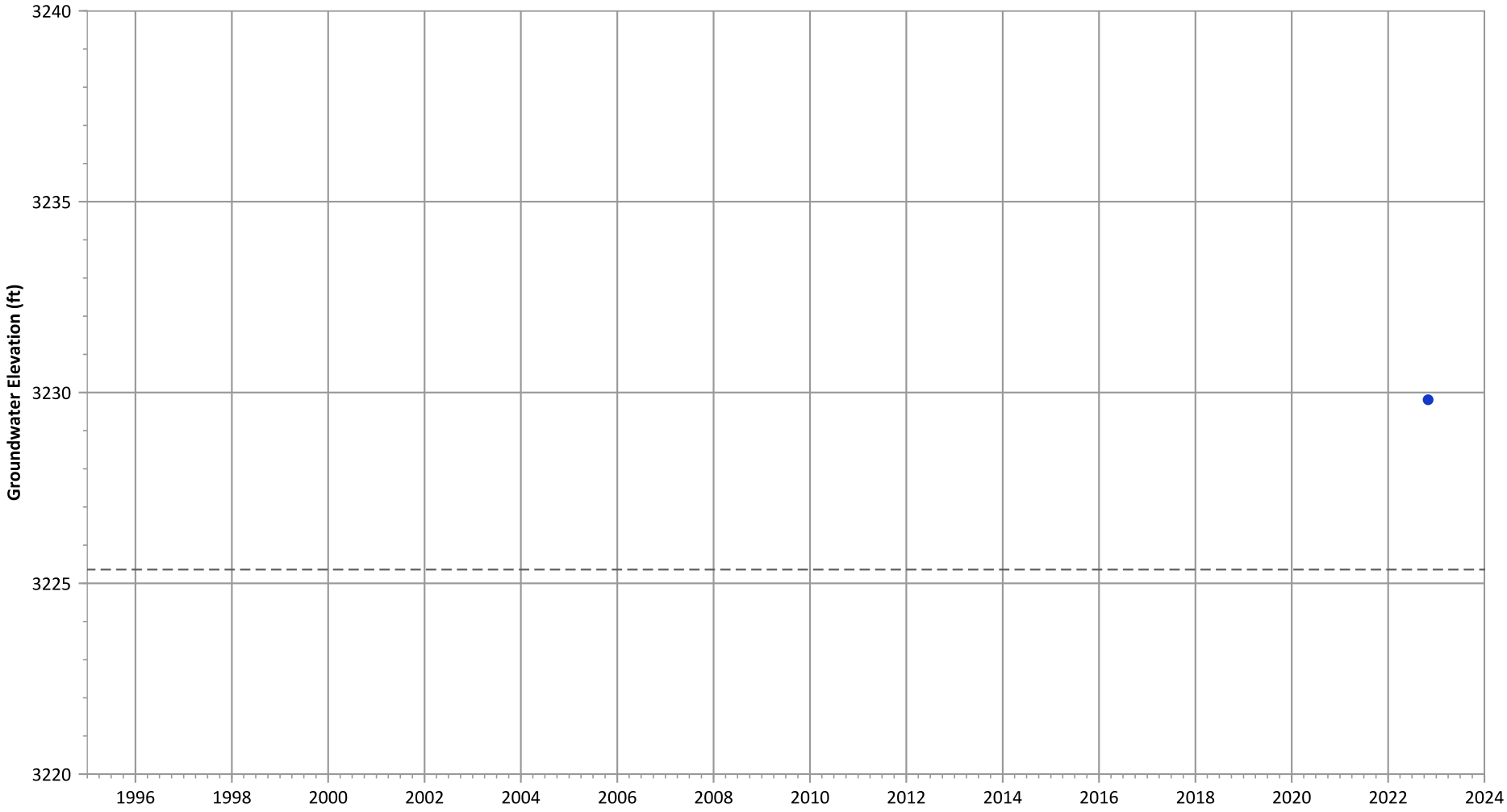
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB431 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

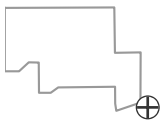


Notes:
1. Top of screen elevation is 3230.36 ft msl.
2. The bottom of screen elevation is 3225.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

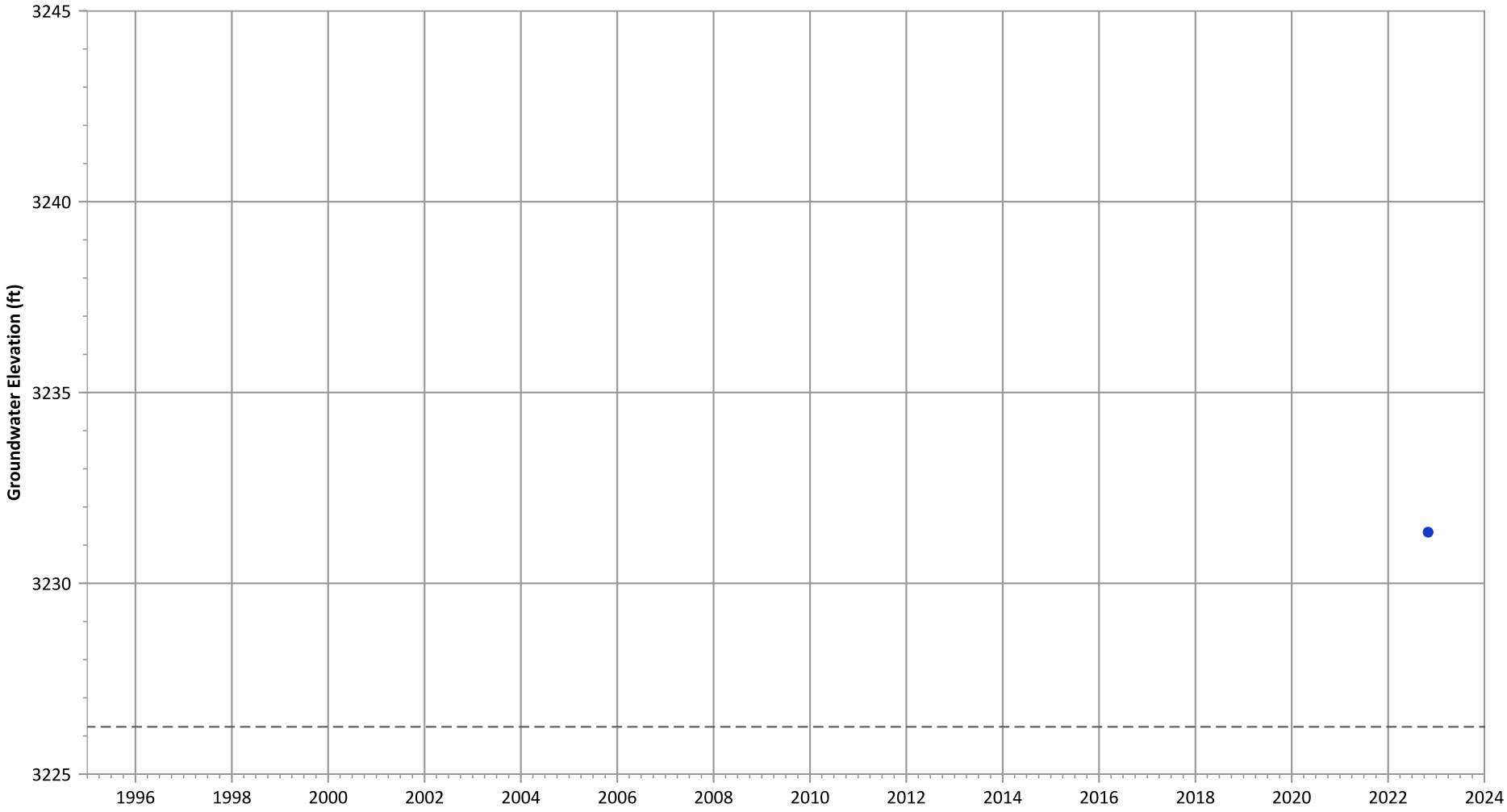
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-ISB440 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

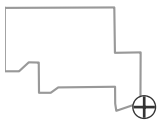


Notes:
1. Top of screen elevation is 3231.24 ft msl.
2. The bottom of screen elevation is 3226.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

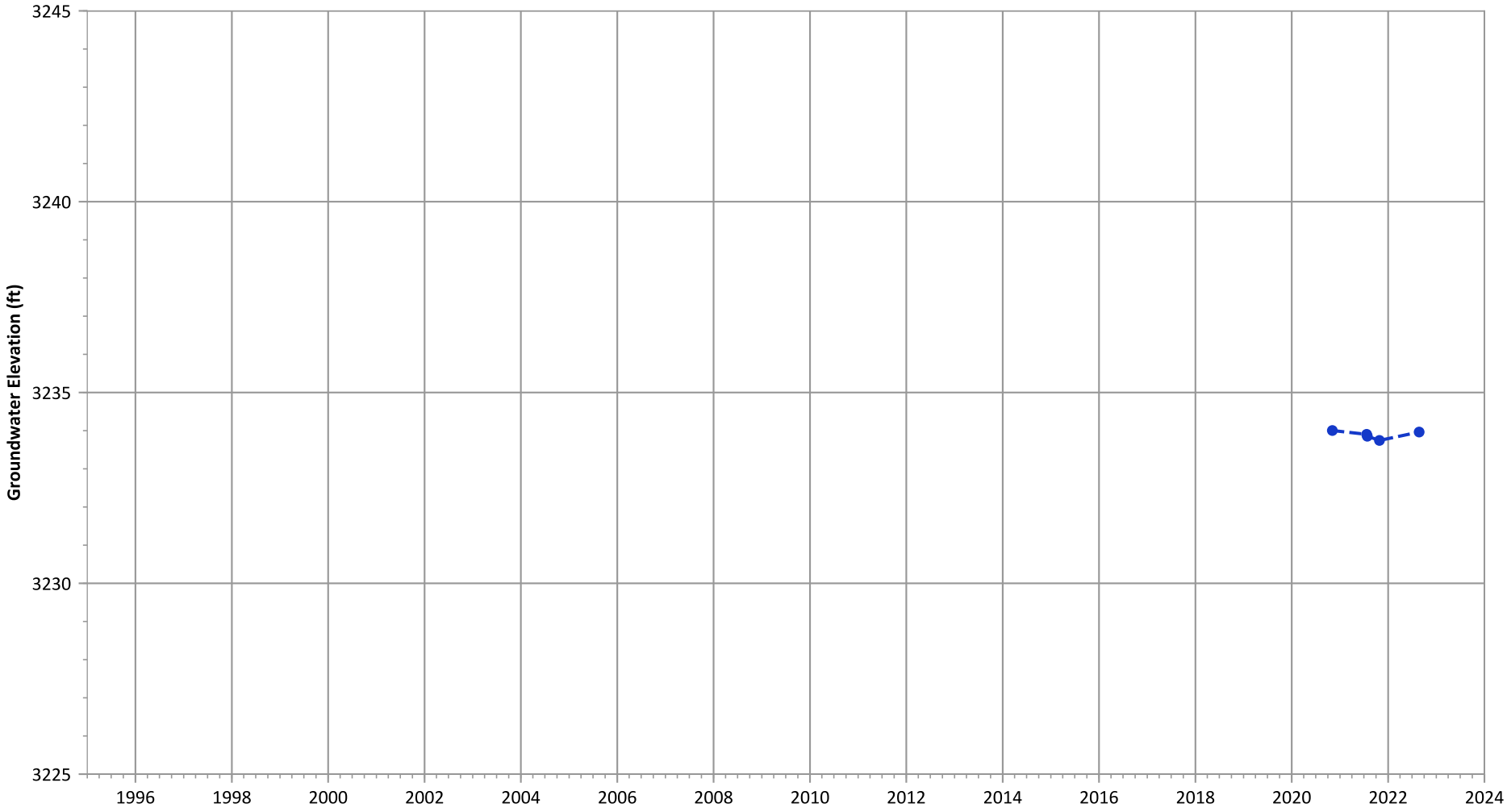
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-MEW401 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3237.5 ft msl.
2. The bottom of screen elevation is 3222.5 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.

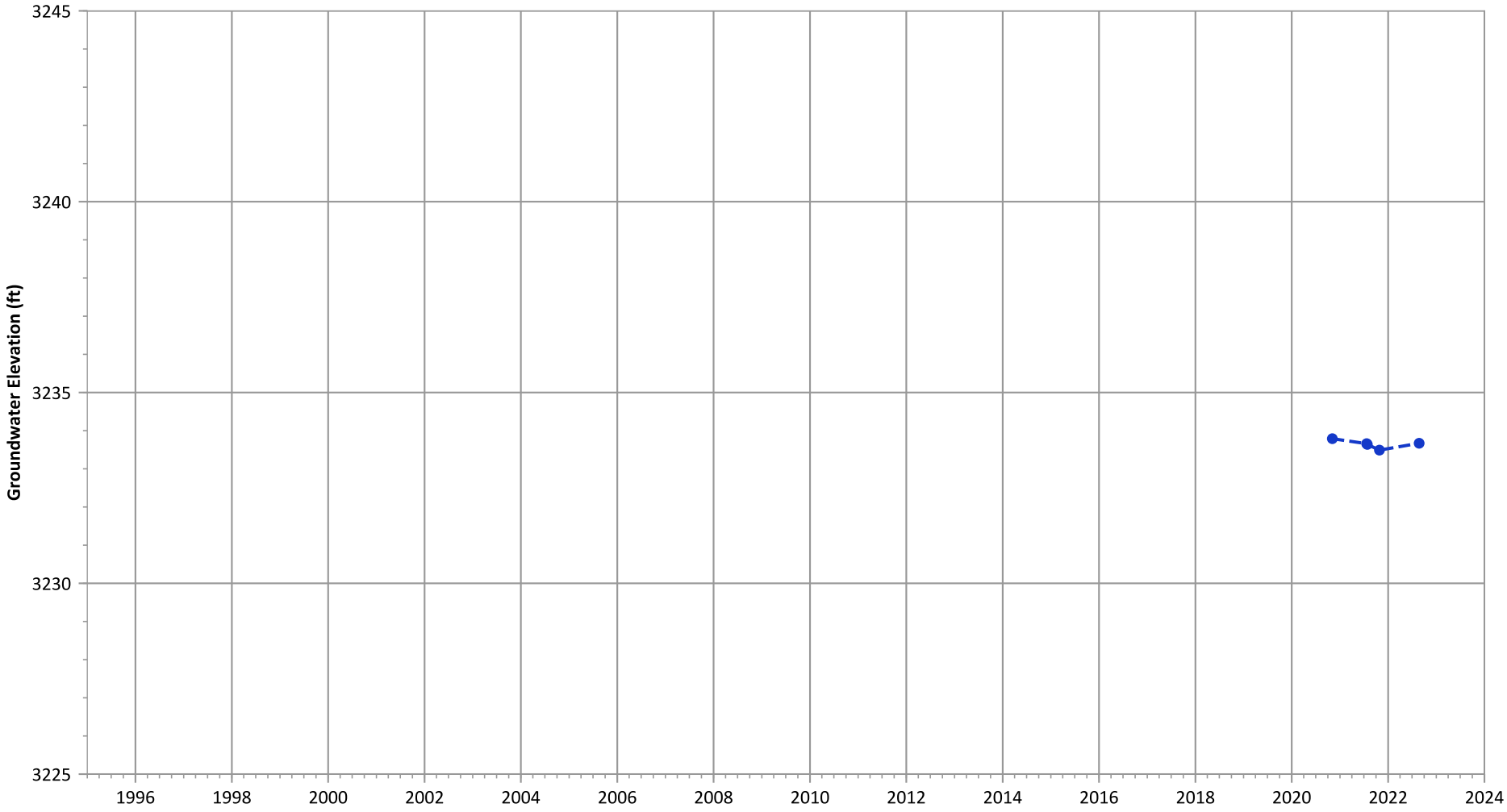
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-MEW402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

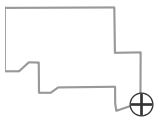


Notes:
1. Top of screen elevation is 3238.05 ft msl.
2. The bottom of screen elevation is 3223.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

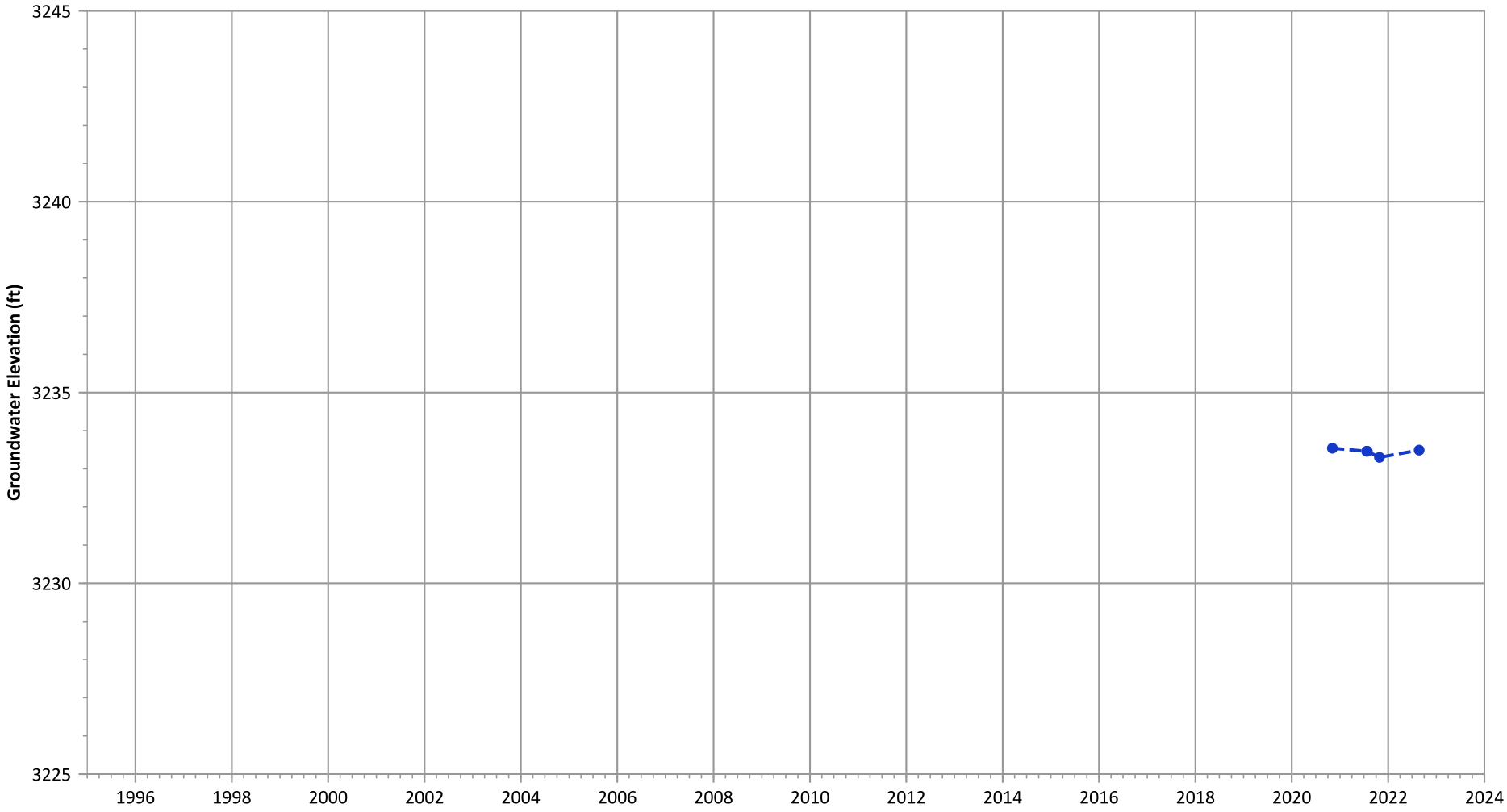
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-MEW403 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

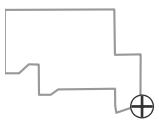


Notes:
1. Top of screen elevation is 3237.79 ft msl.
2. The bottom of screen elevation is 3222.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

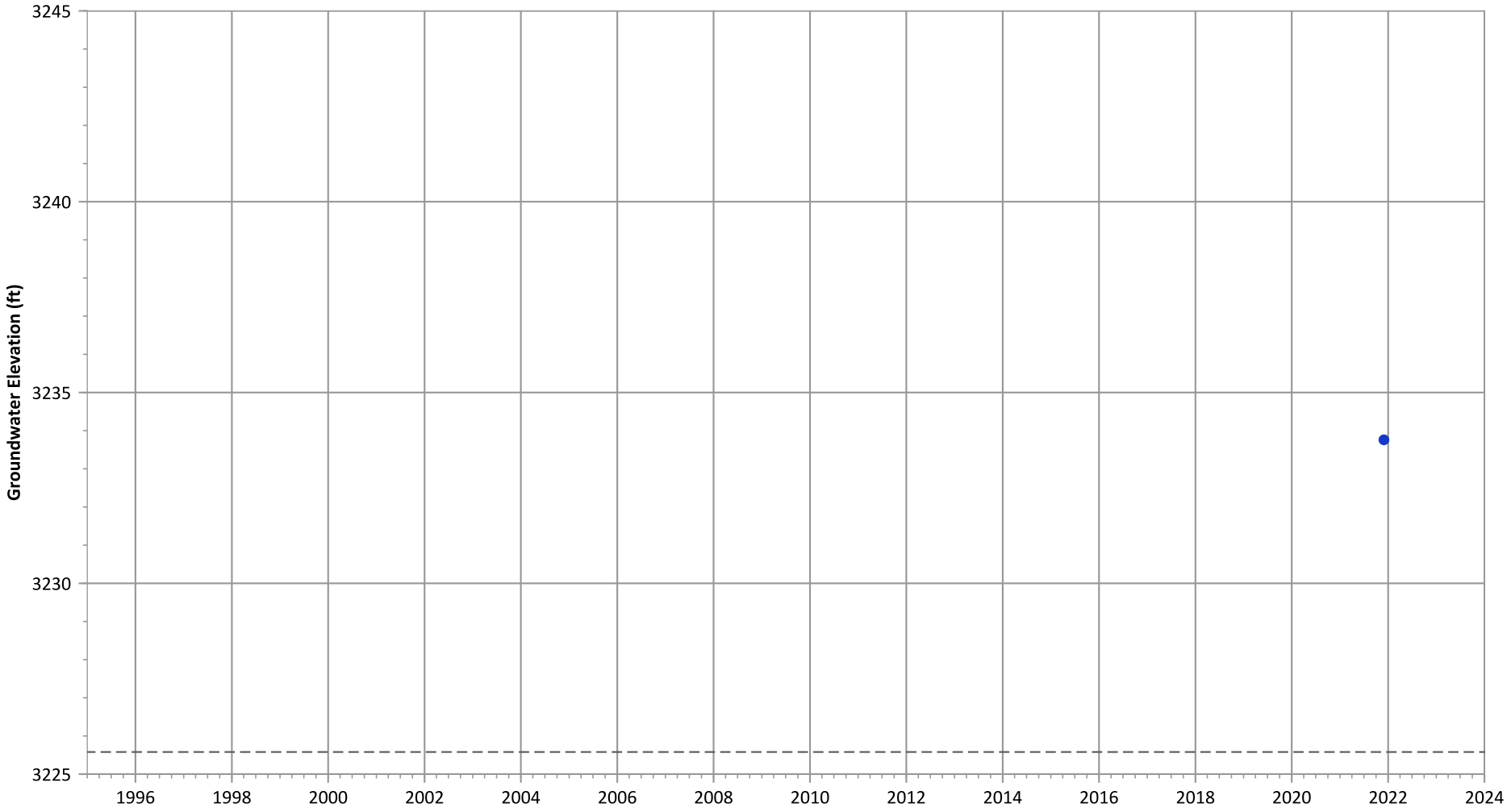
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): No Trend

PTX06-MEW404 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

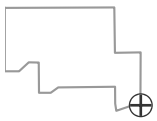


Notes:
1. Top of screen elevation is 3240.58 ft msl.
2. The bottom of screen elevation is 3225.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

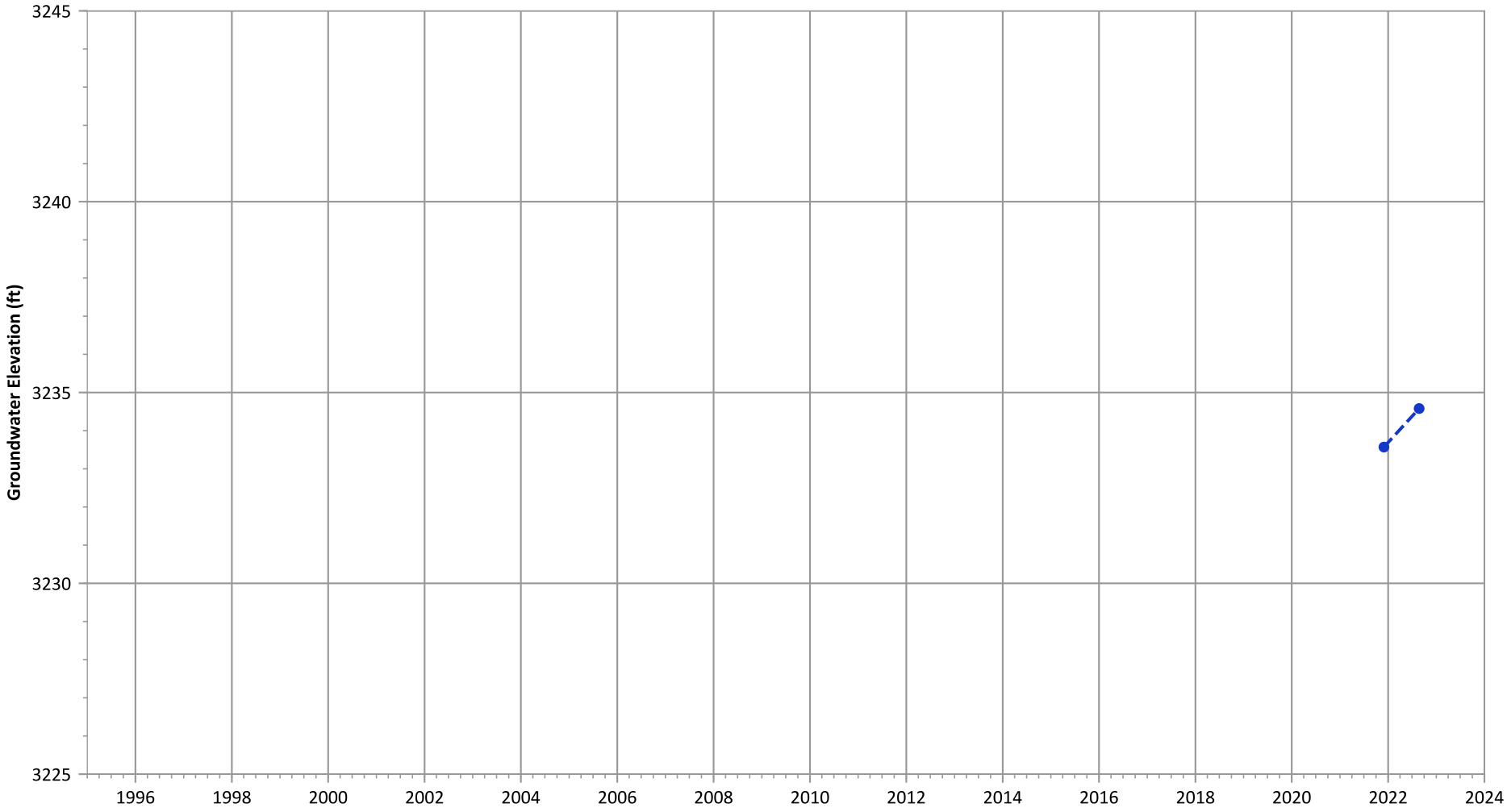
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-MEW405 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

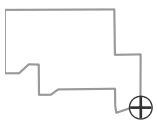


Notes:
1. Top of screen elevation is 3239.37 ft msl.
2. The bottom of screen elevation is 3224.37 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

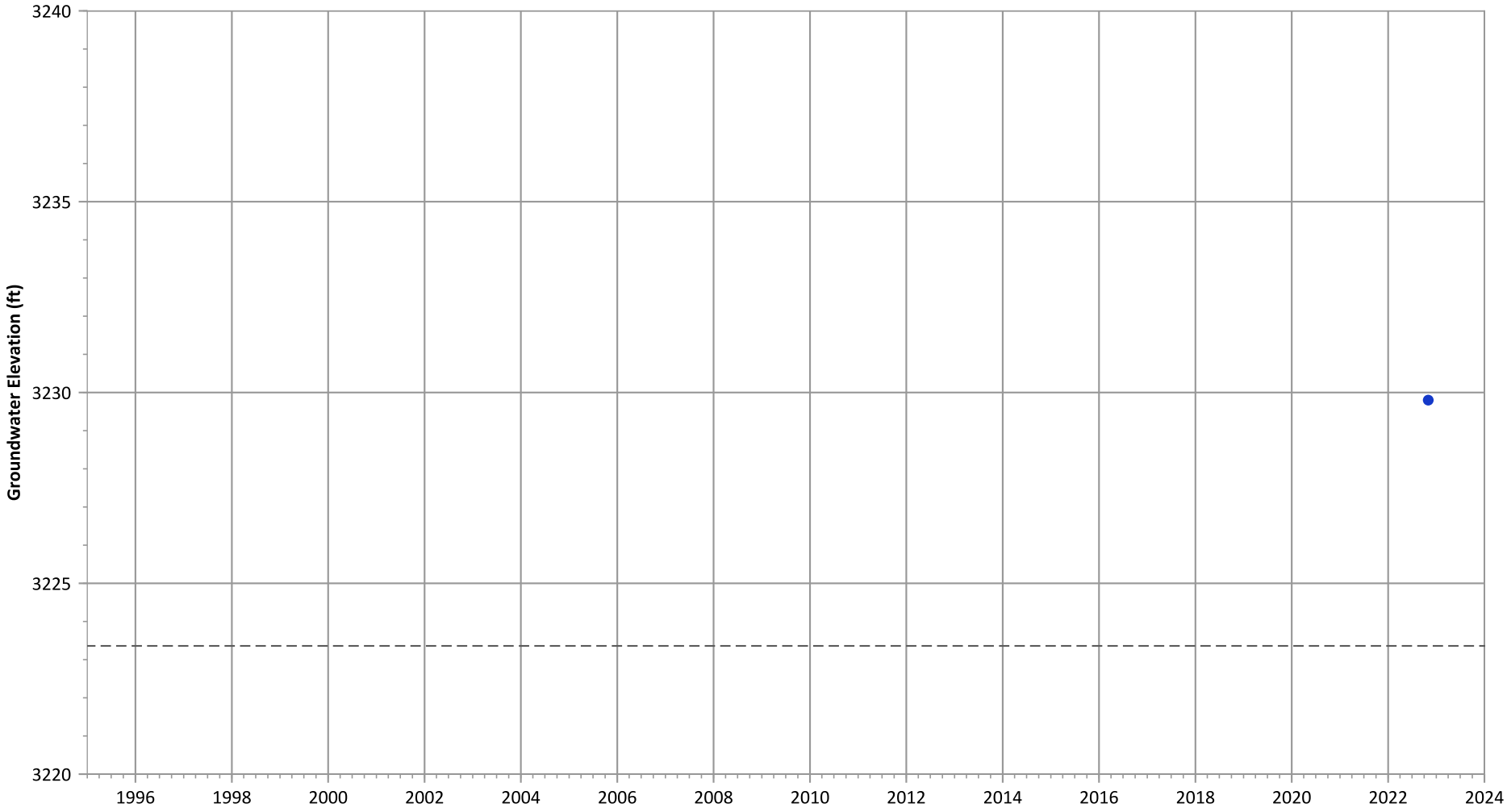
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-MINJ401 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

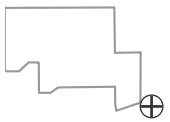


Notes:
1. Top of screen elevation is 3233.36 ft msl.
2. The bottom of screen elevation is 3223.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

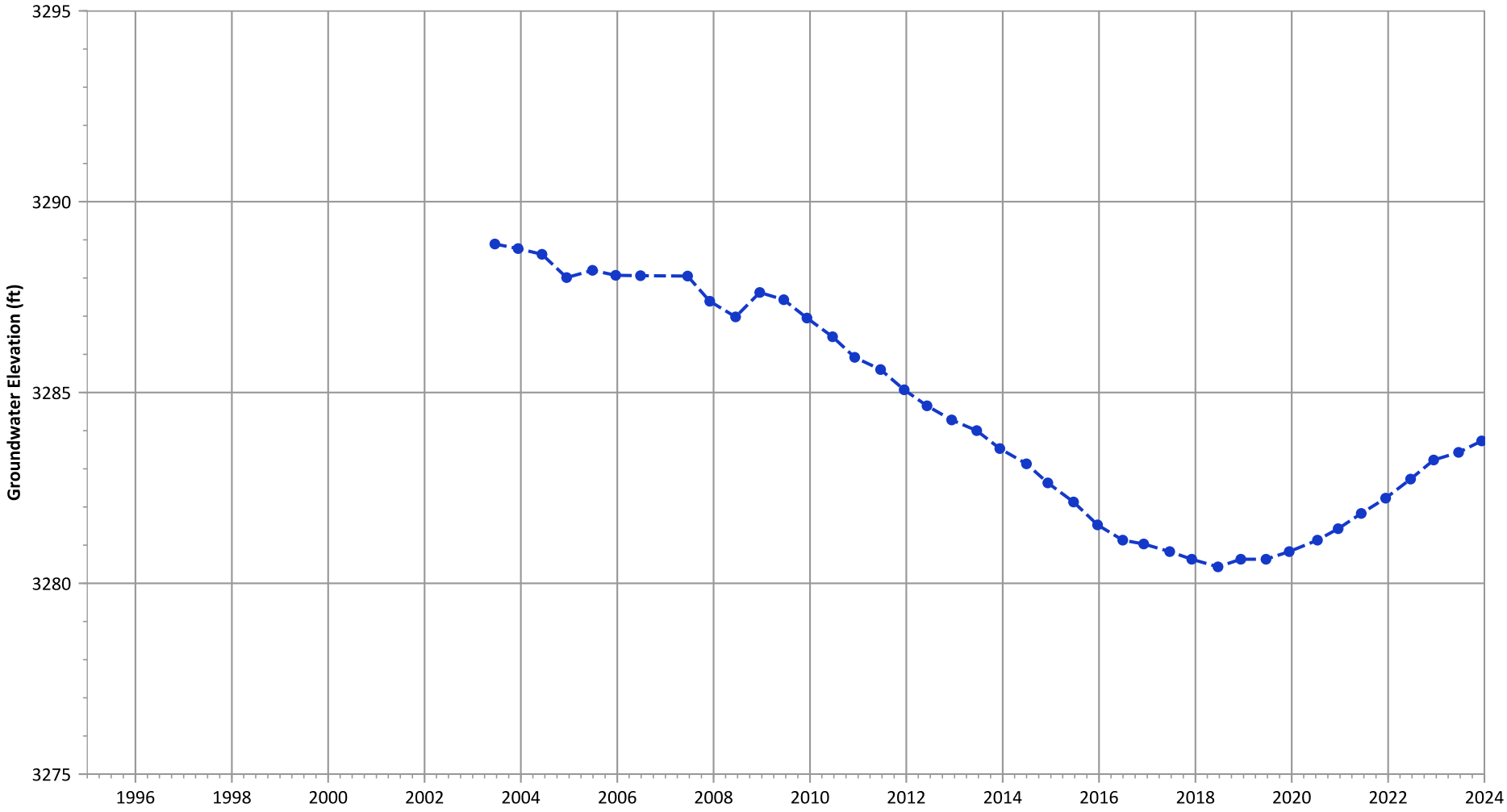
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No 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.

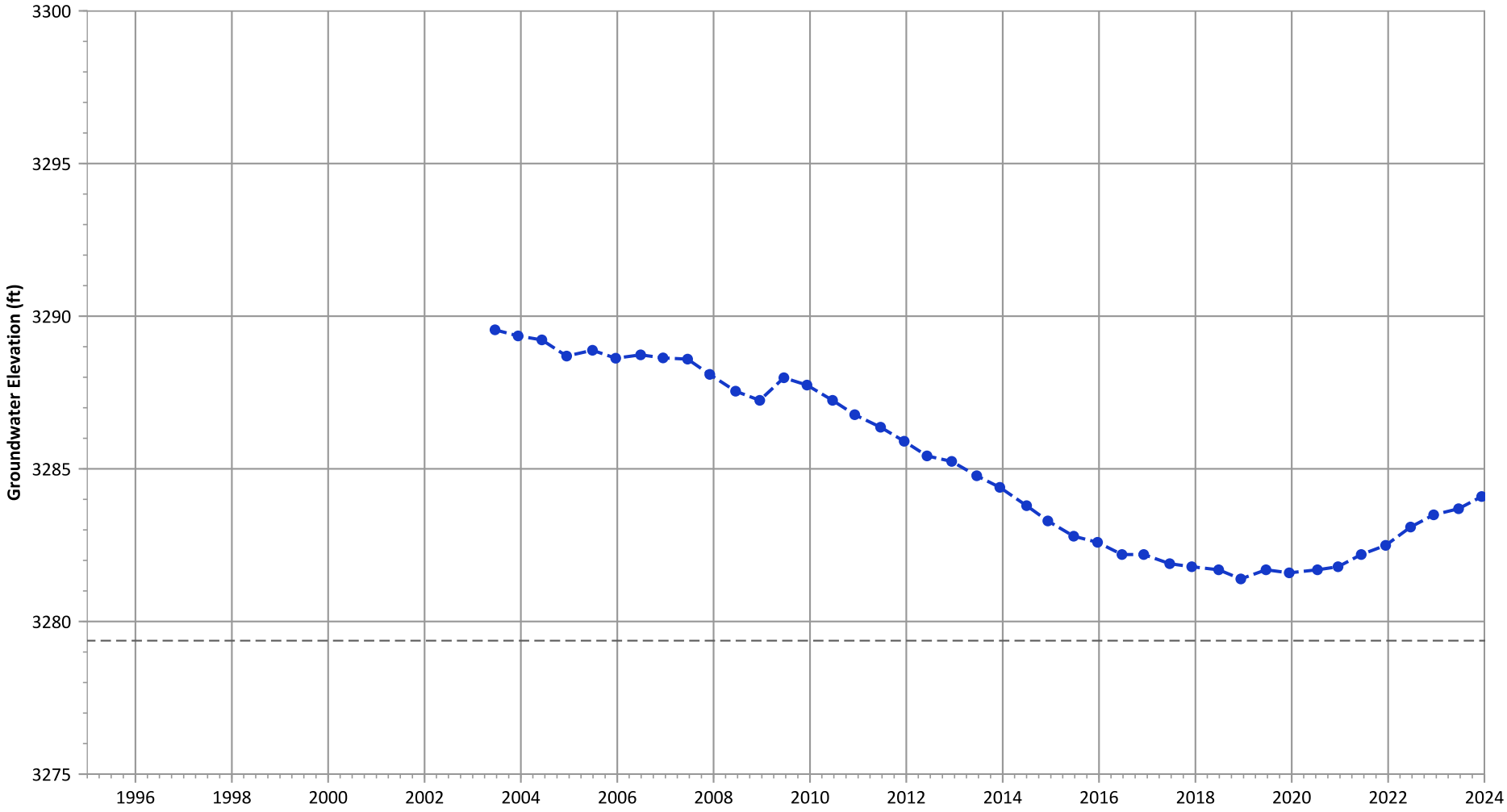
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.65 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.28 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.

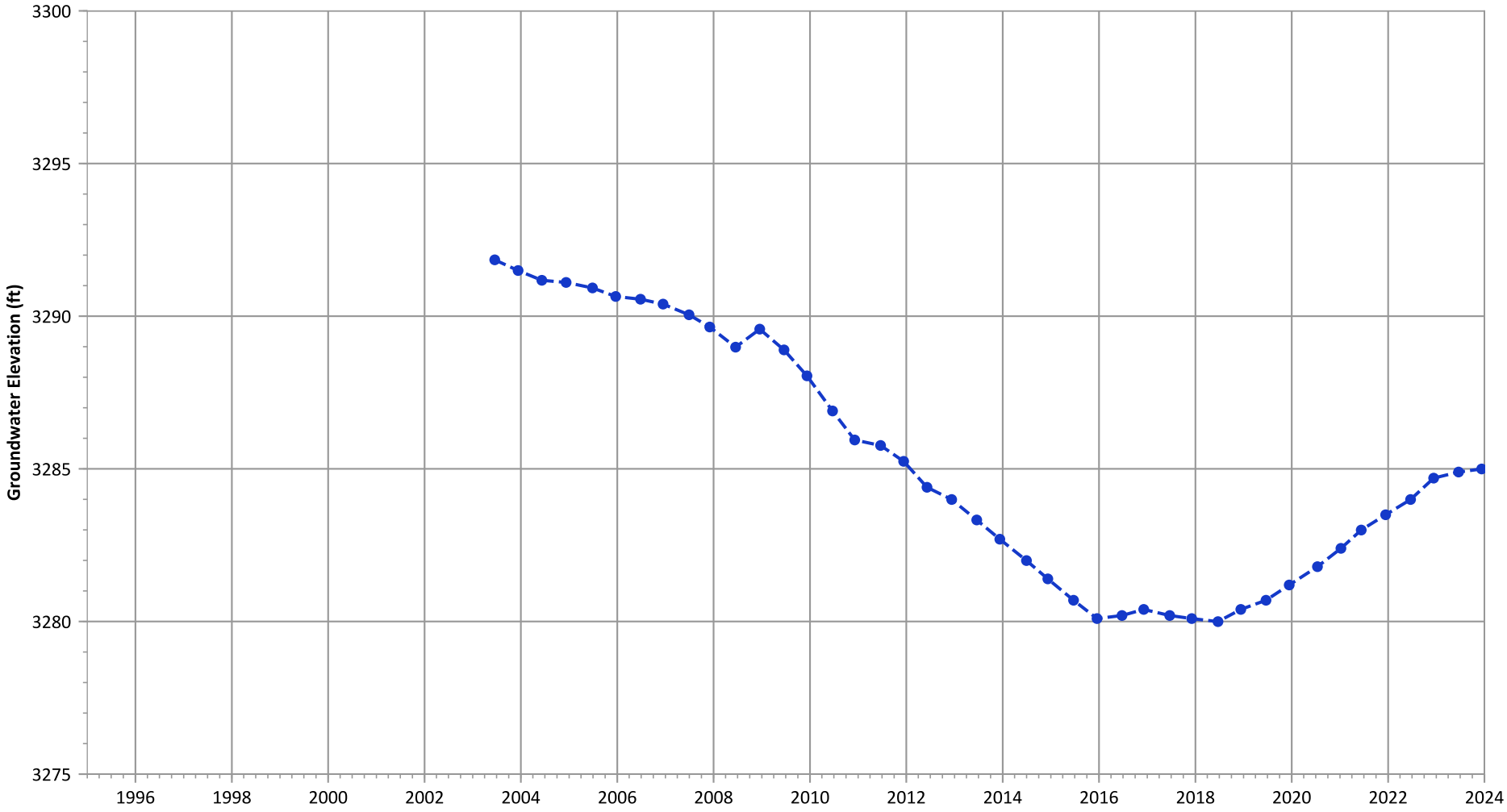
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.65 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.32 ft/yr

PTX06-PZ03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

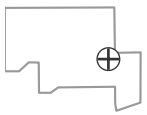


Notes:
1. Top of screen elevation is 3294.14 ft msl.
2. The bottom of screen elevation is 3265.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

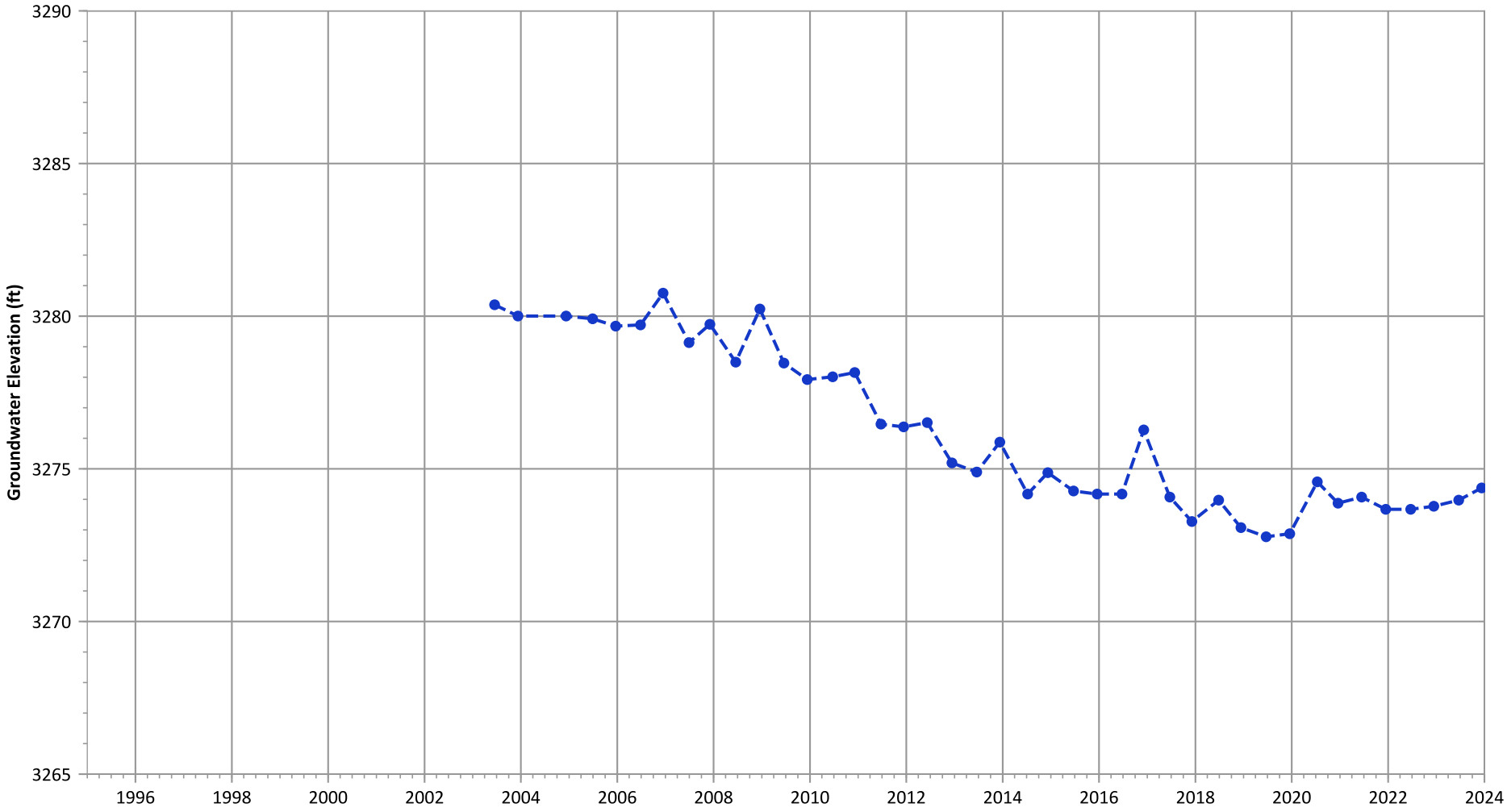
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.65 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.18 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.

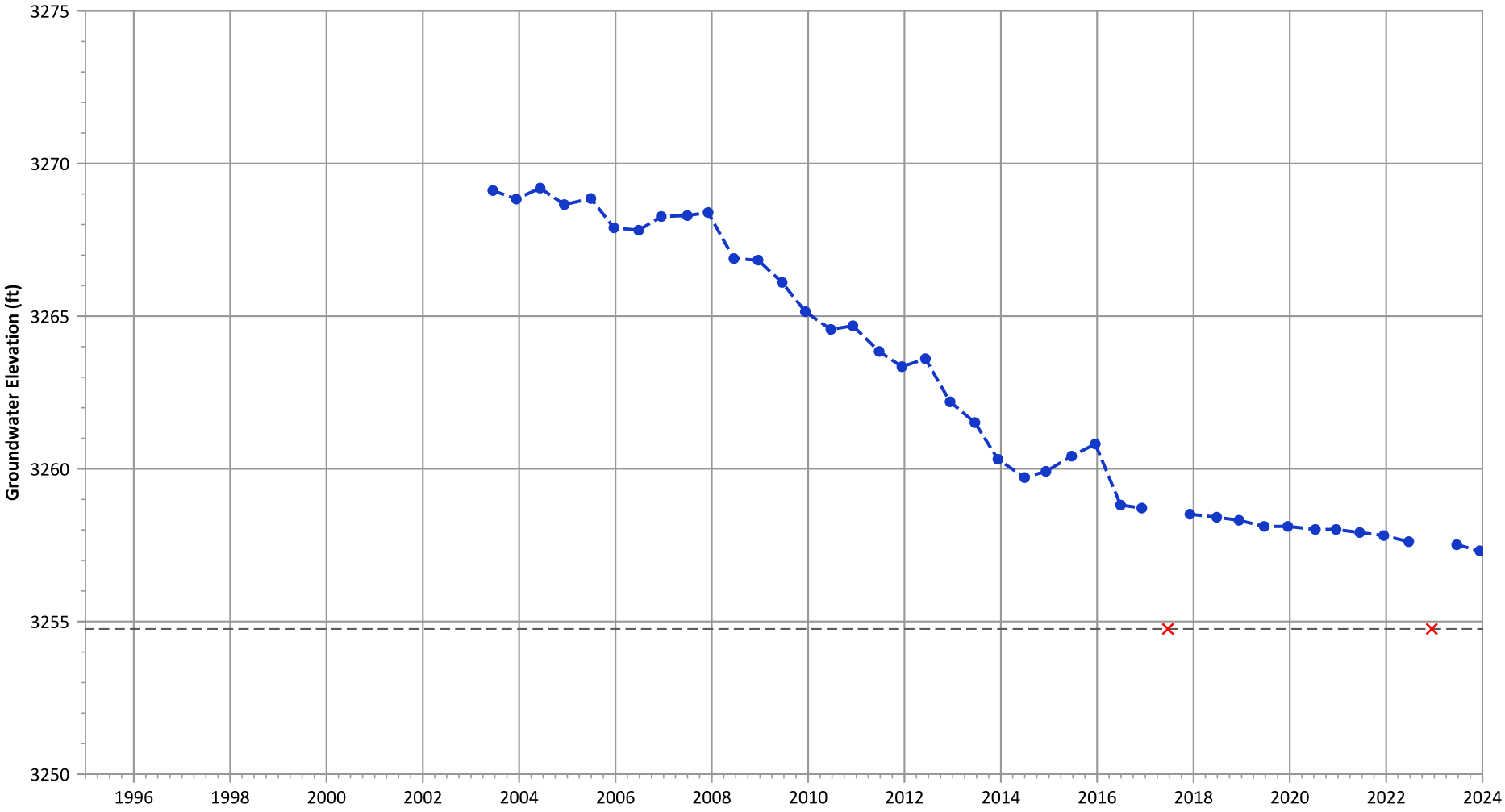
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.46 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.28 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.

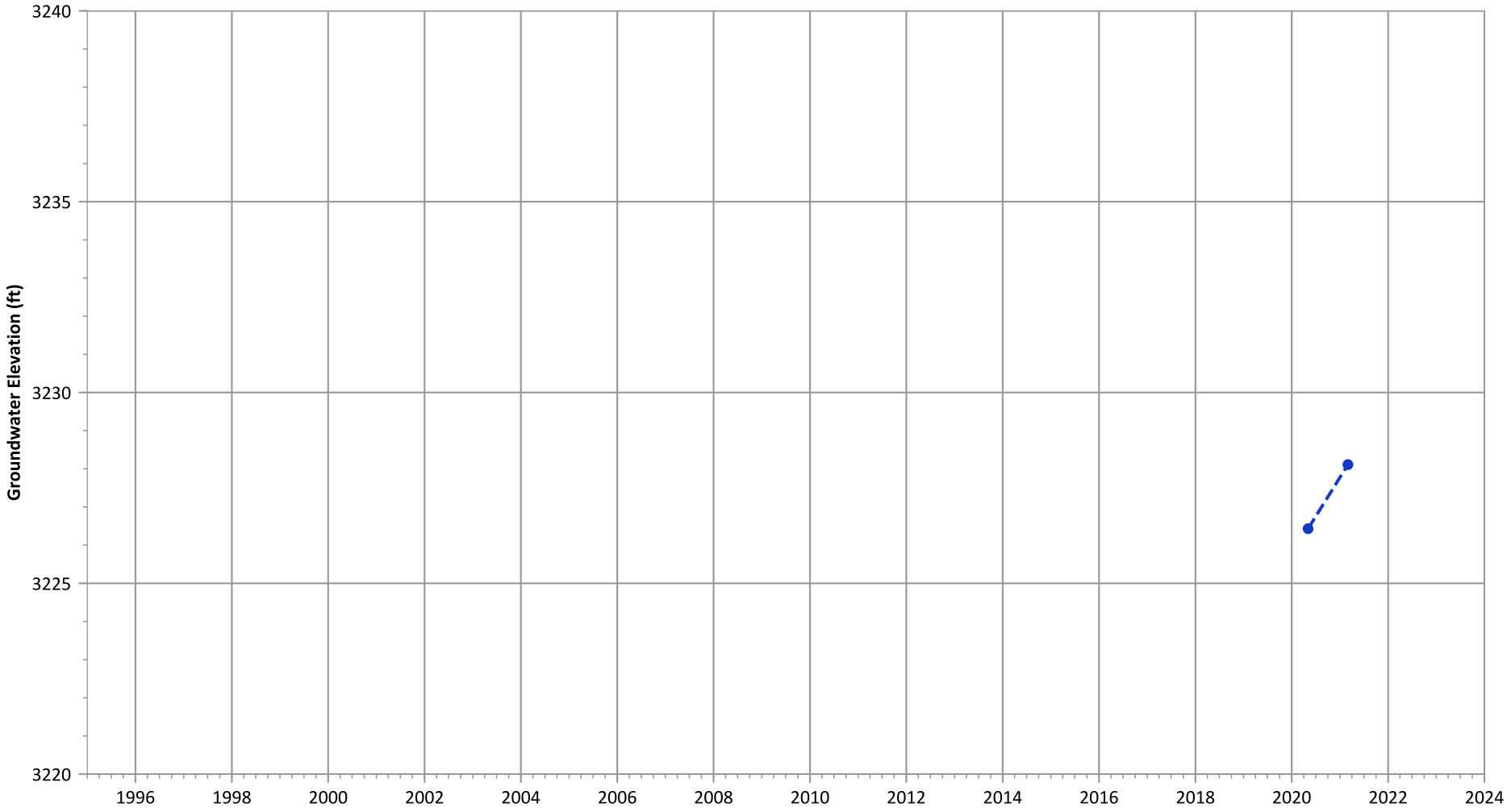
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.19 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.56 ft/yr

PTX06-REC401A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

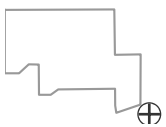


Notes:
1. Top of screen elevation is 3231.74 ft msl.
2. The bottom of screen elevation is 3211.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

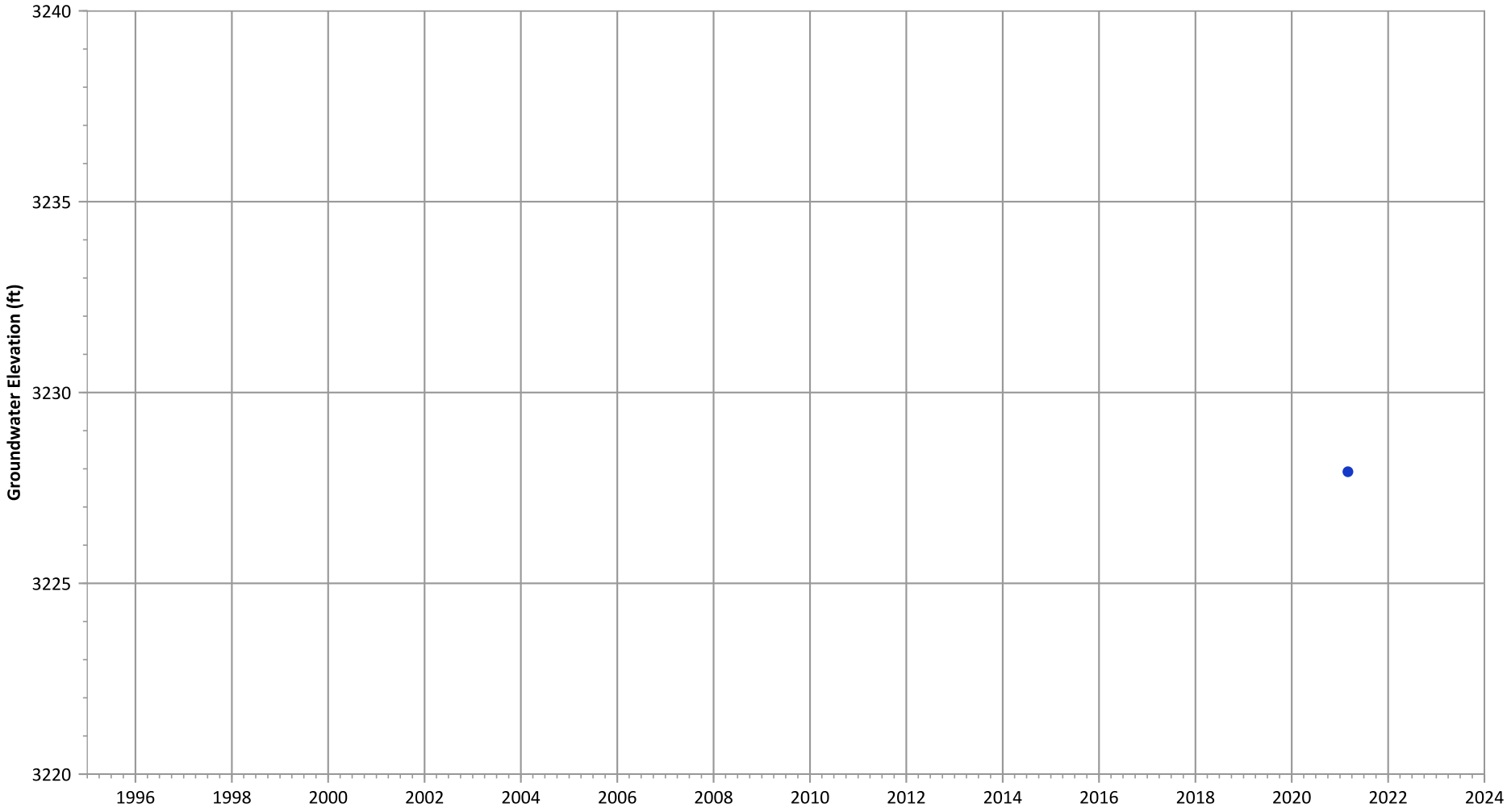
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-REC402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

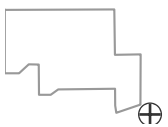


Notes:
1. Top of screen elevation is 3225.49 ft msl.
2. The bottom of screen elevation is 3205.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

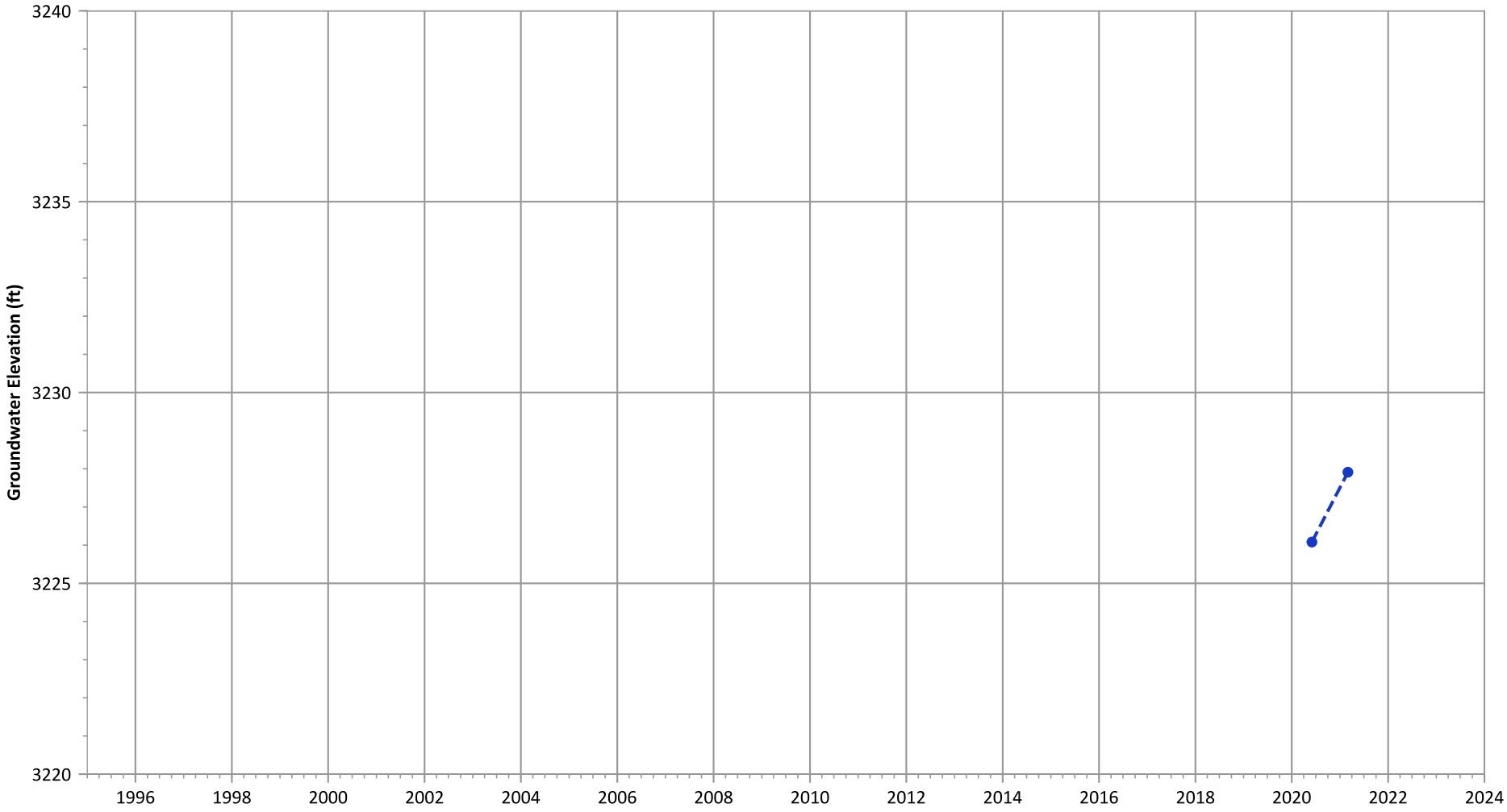
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC403 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

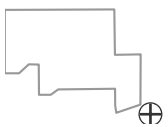


Notes:
1. Top of screen elevation is 3231.47 ft msl.
2. The bottom of screen elevation is 3211.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

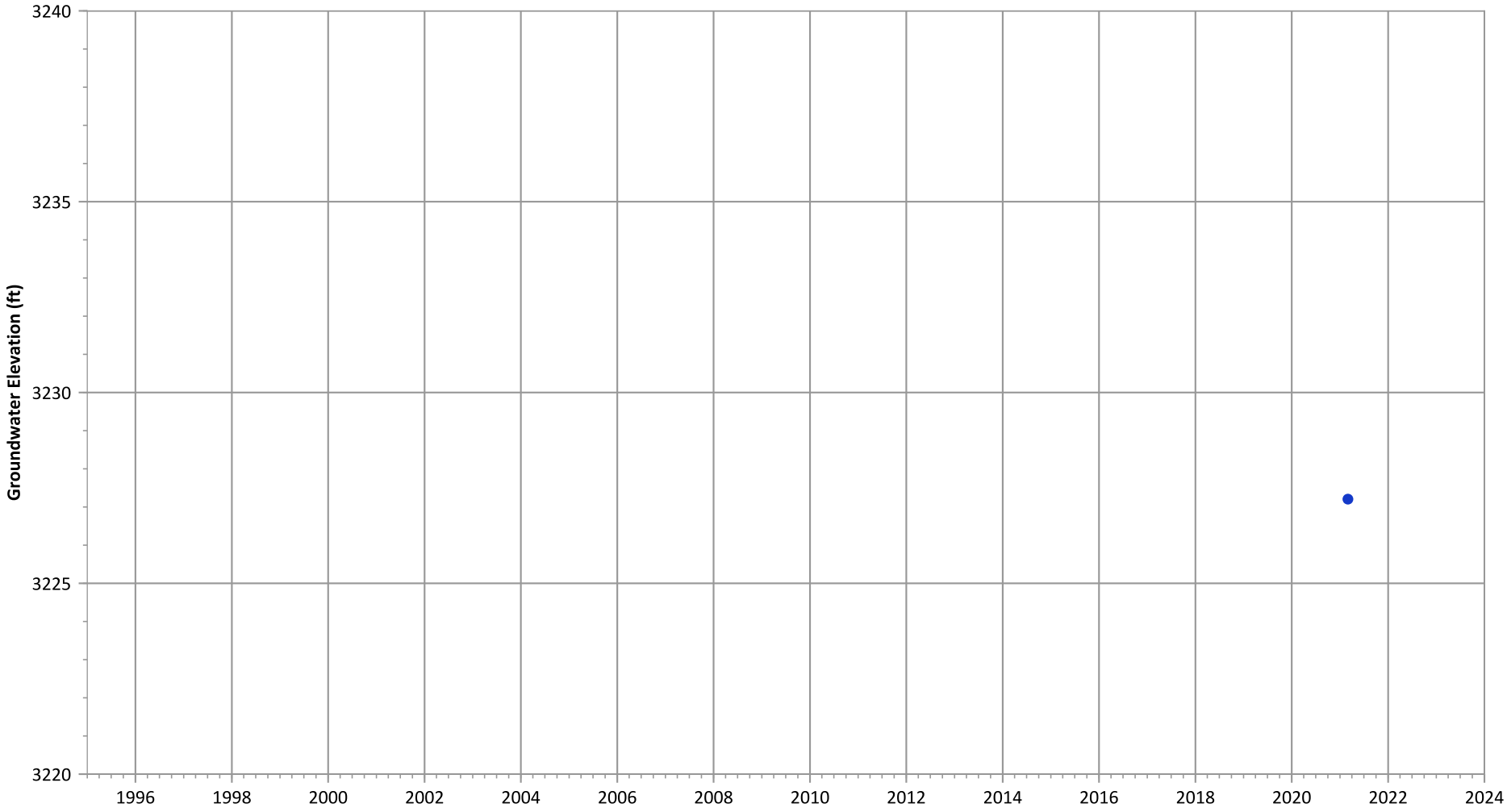
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-REC404 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

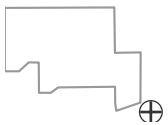


Notes:
1. Top of screen elevation is 3233.68 ft msl.
2. The bottom of screen elevation is 3213.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

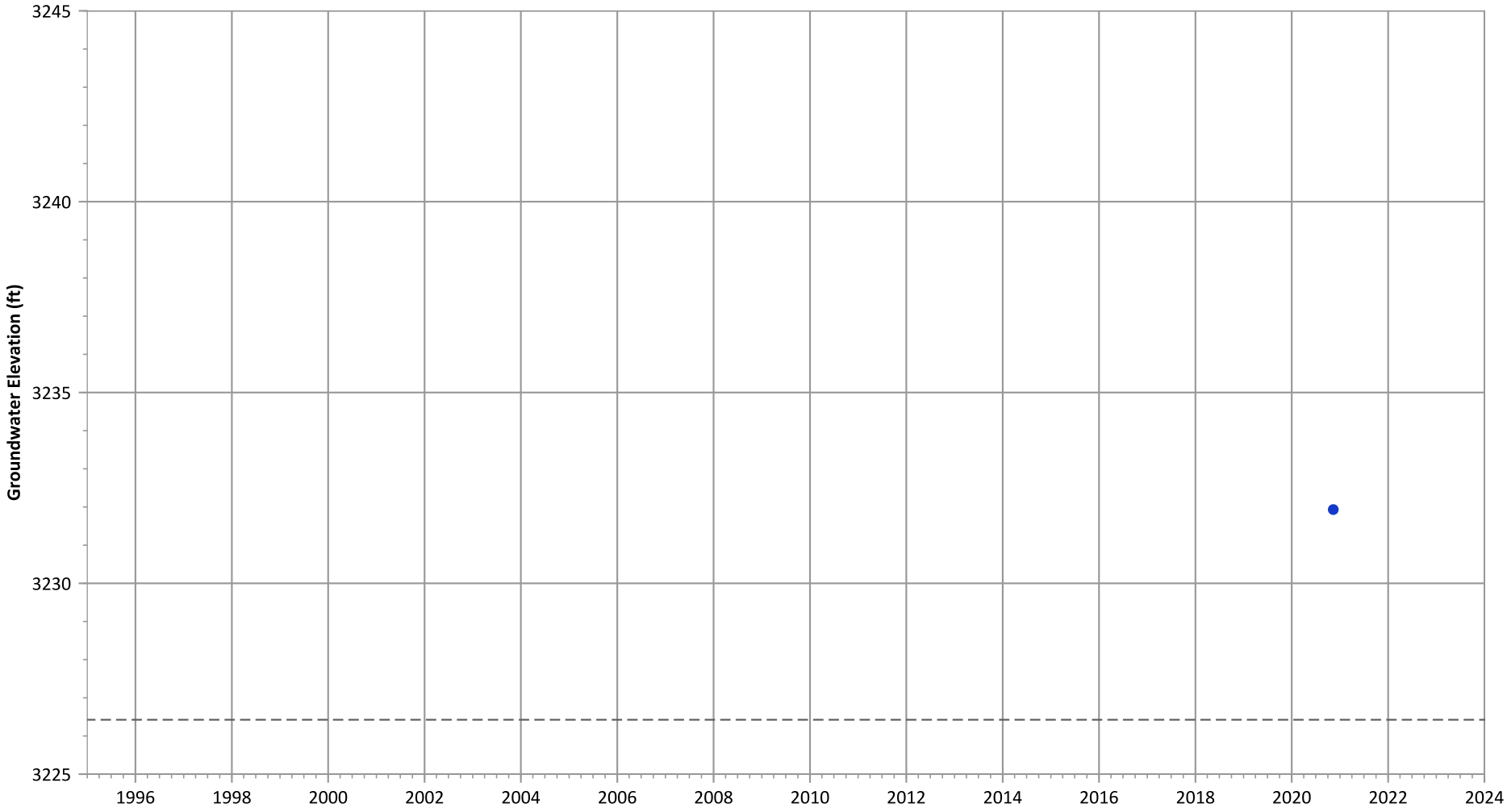
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC405 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

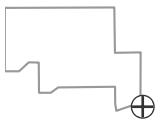


Notes:
1. Top of screen elevation is 3237.42 ft msl.
2. The bottom of screen elevation is 3226.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

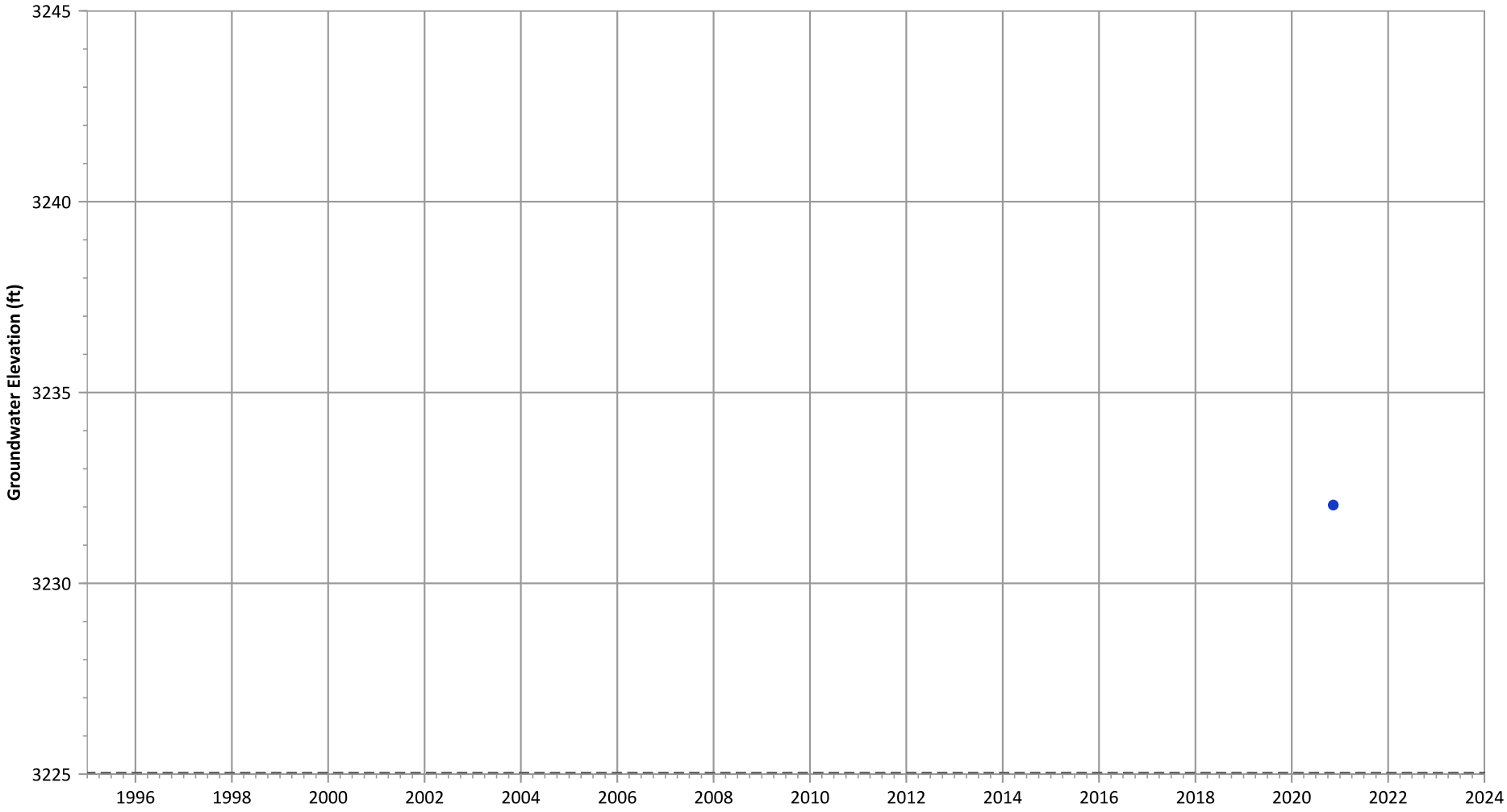
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC407 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

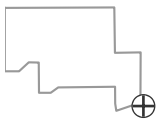


Notes:
1. Top of screen elevation is 3235.04 ft msl.
2. The bottom of screen elevation is 3225.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

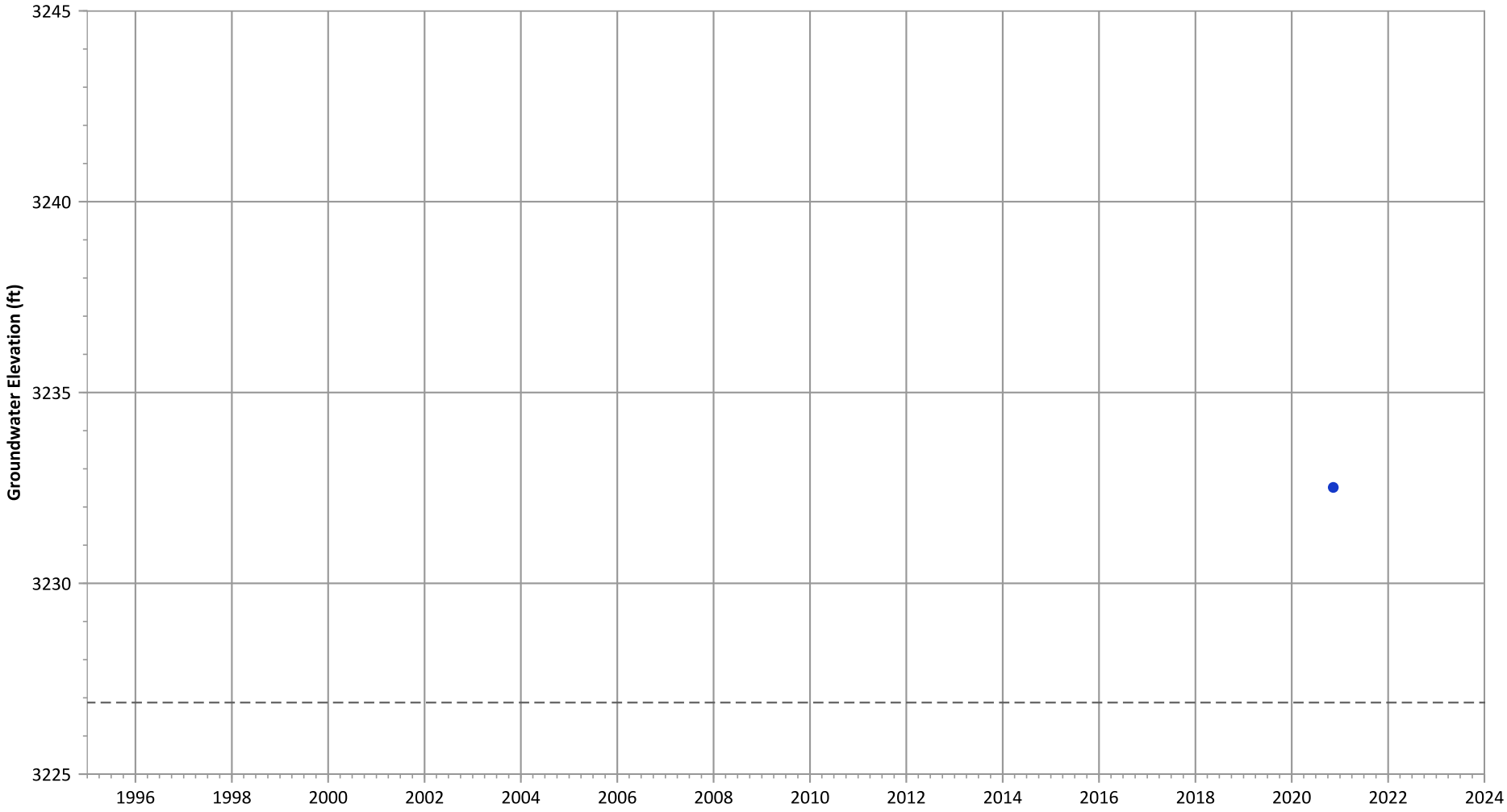
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC409 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

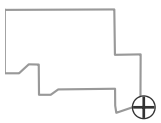


Notes:
1. Top of screen elevation is 3236.88 ft msl.
2. The bottom of screen elevation is 3226.88 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

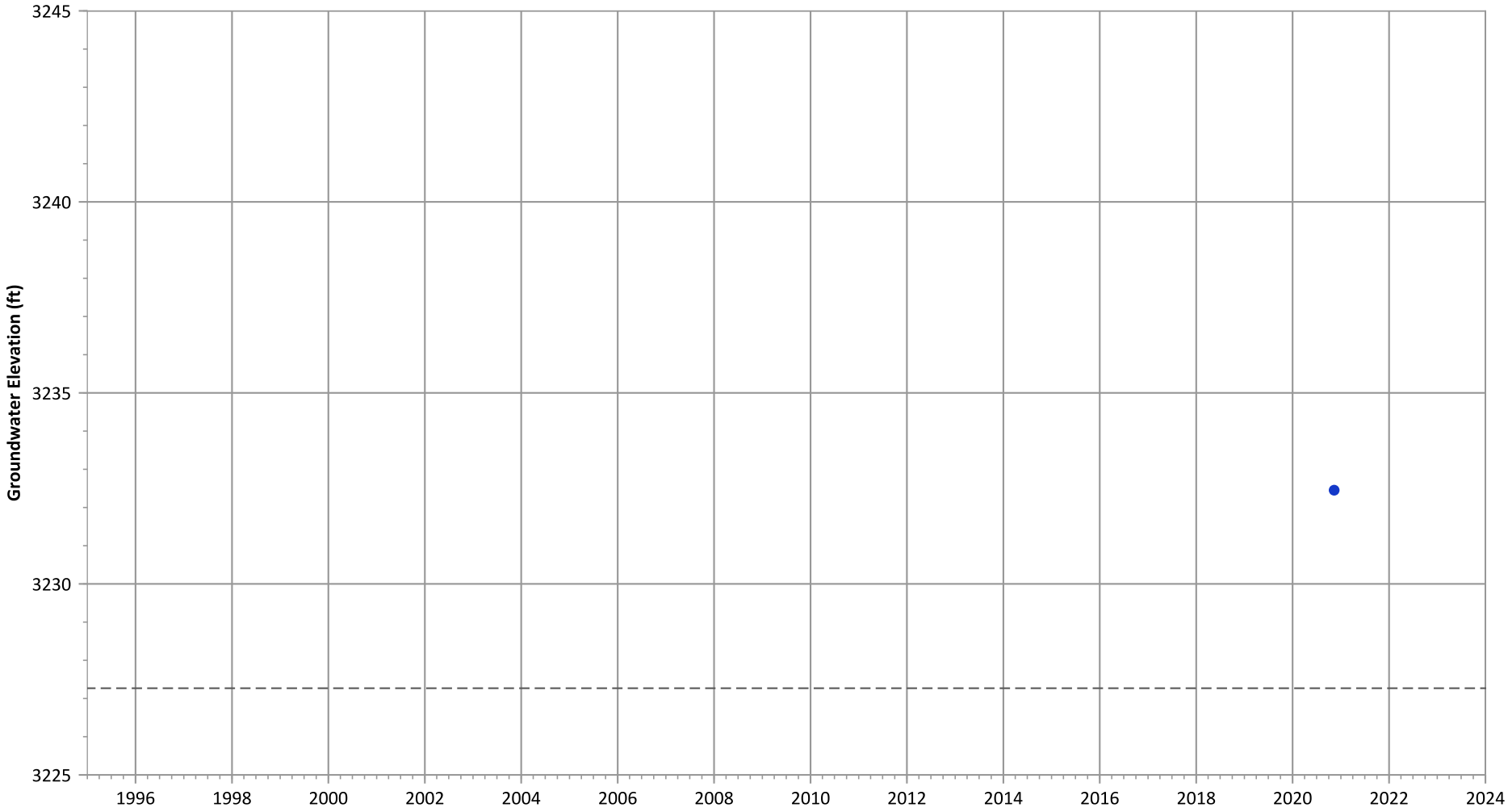
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC411 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

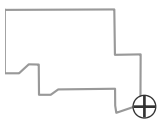


Notes:
1. Top of screen elevation is 3237.27 ft msl.
2. The bottom of screen elevation is 3227.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

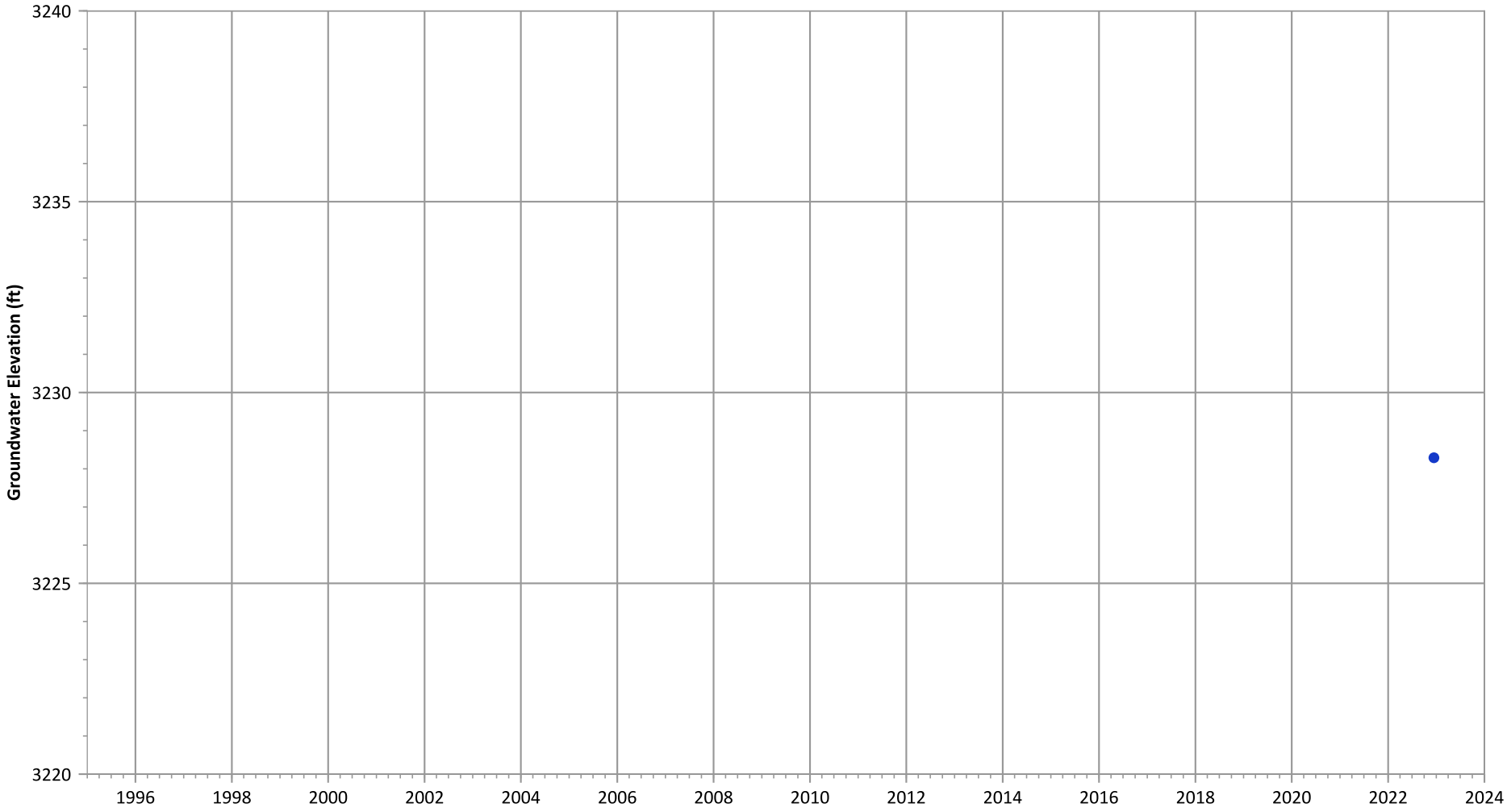
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC416 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

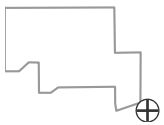


Notes:
1. Top of screen elevation is 3229.63 ft msl.
2. The bottom of screen elevation is 3219.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

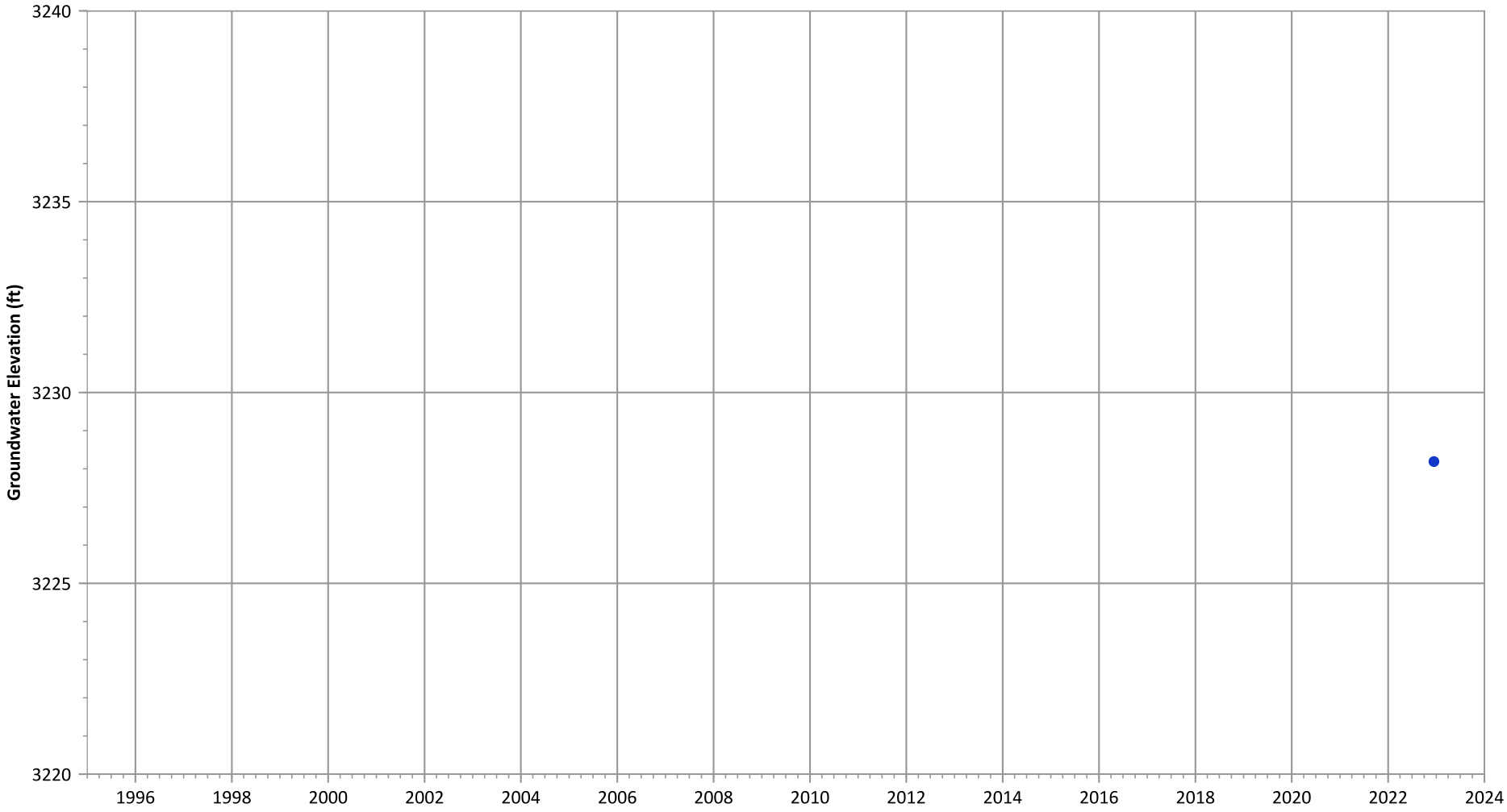
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC422 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

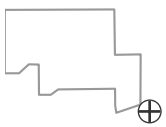


Notes:
1. Top of screen elevation is 3224.66 ft msl.
2. The bottom of screen elevation is 3214.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

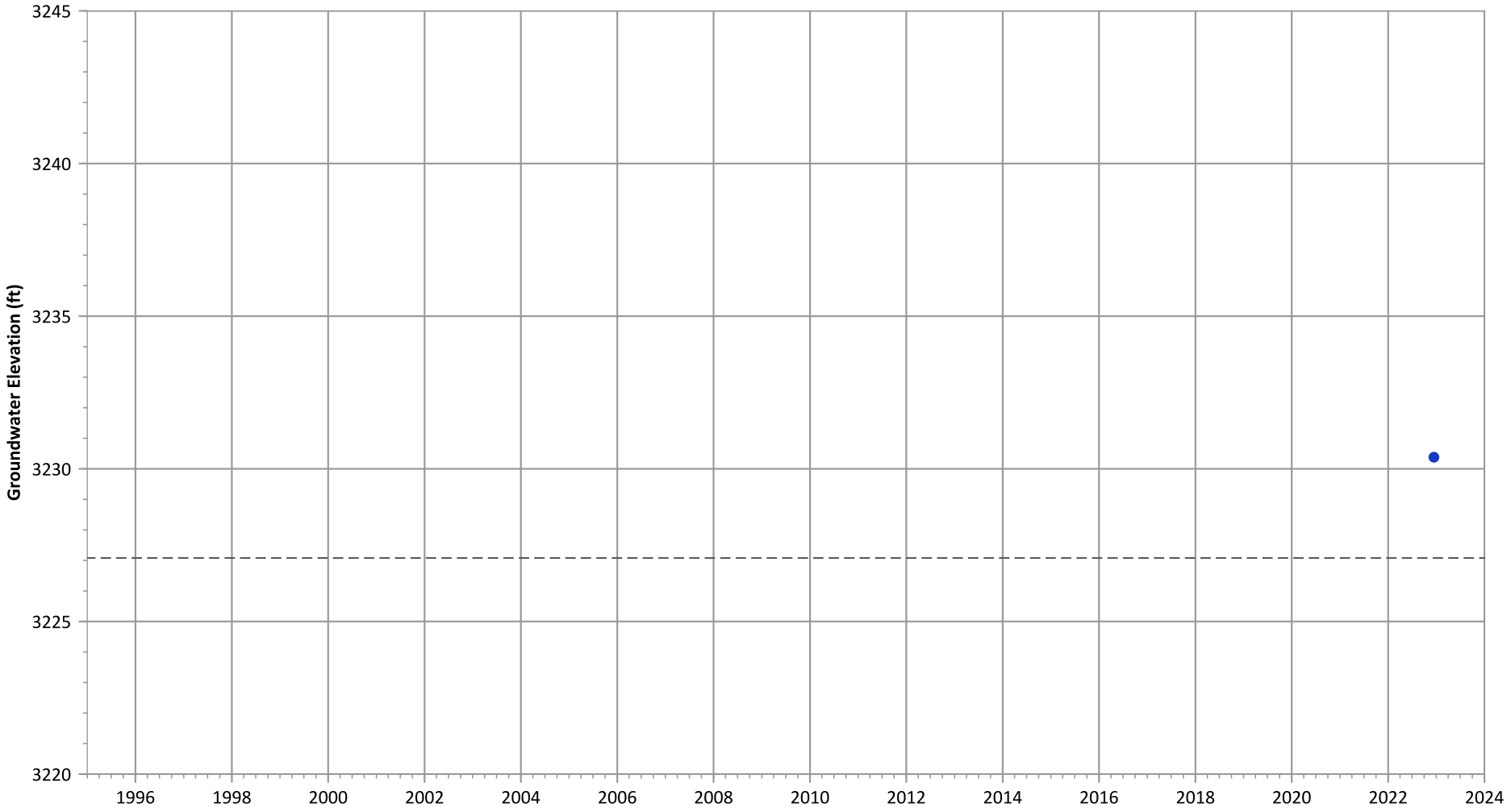
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC433 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

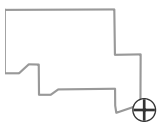


Notes:
1. Top of screen elevation is 3237.08 ft msl.
2. The bottom of screen elevation is 3227.08 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

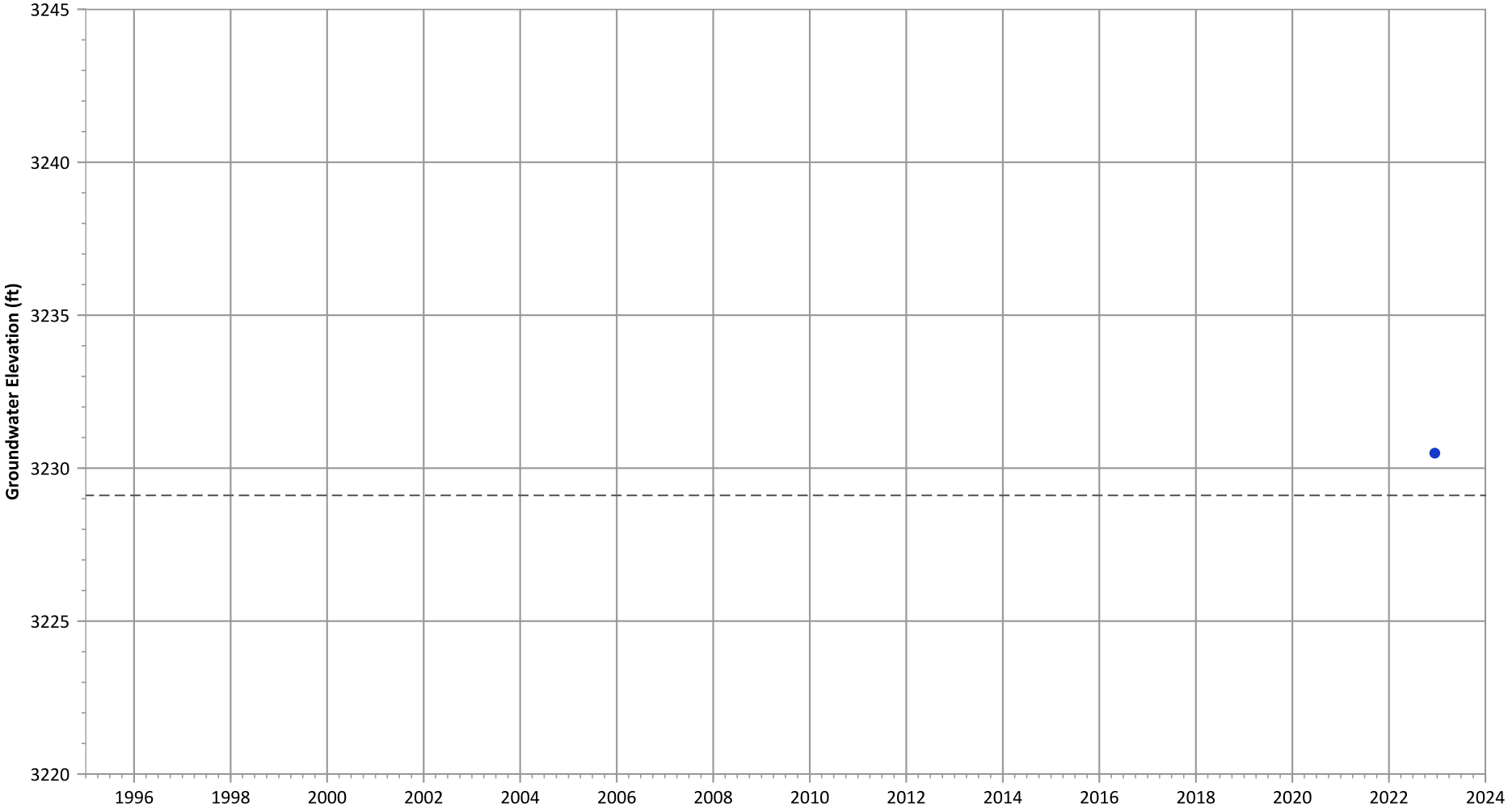
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC436 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

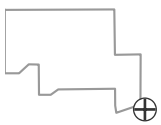


Notes:
1. Top of screen elevation is 3239.11 ft msl.
2. The bottom of screen elevation is 3229.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

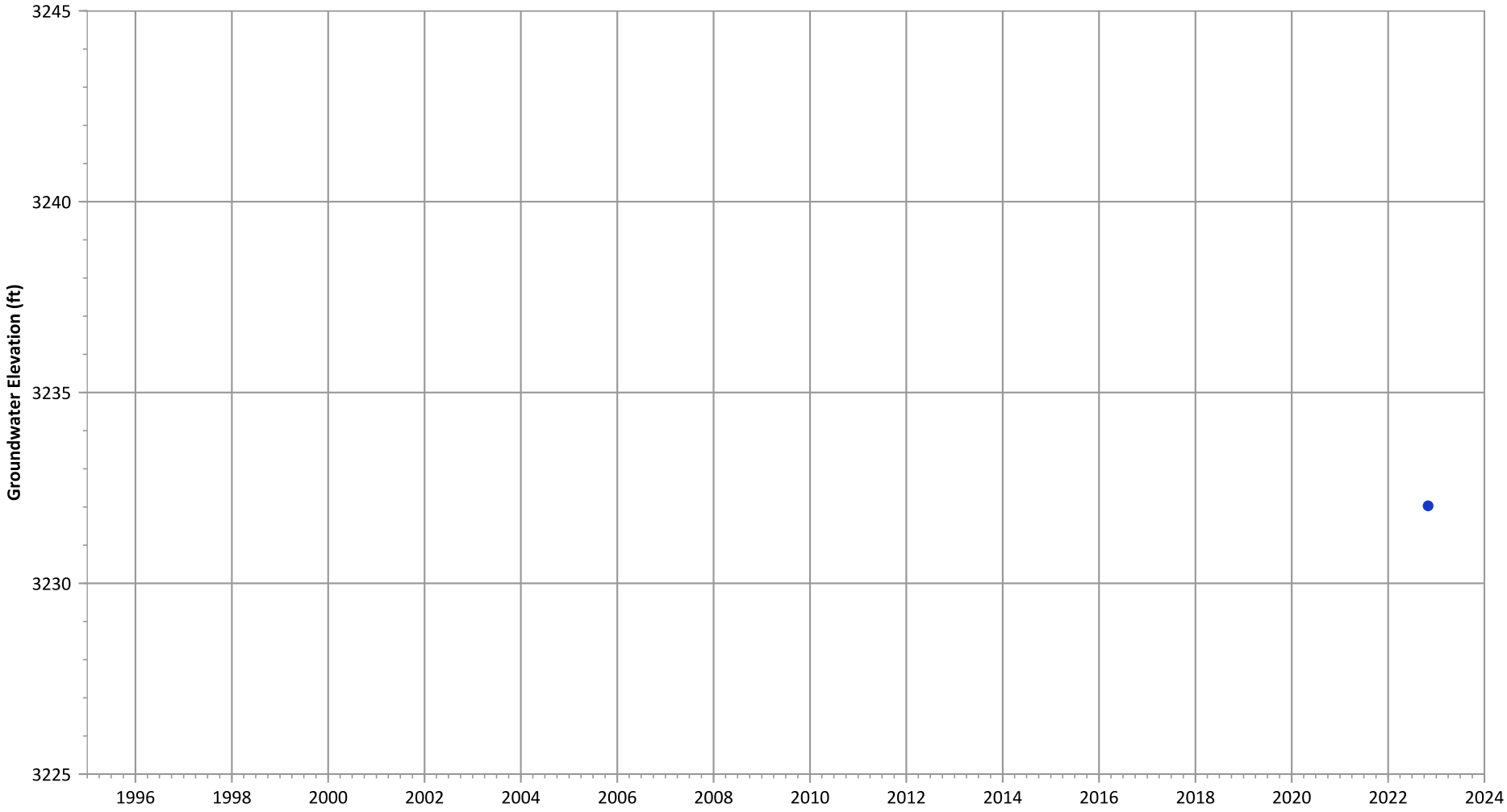
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC443 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

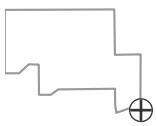


Notes:
1. Top of screen elevation is 3228.72 ft msl.
2. The bottom of screen elevation is 3218.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

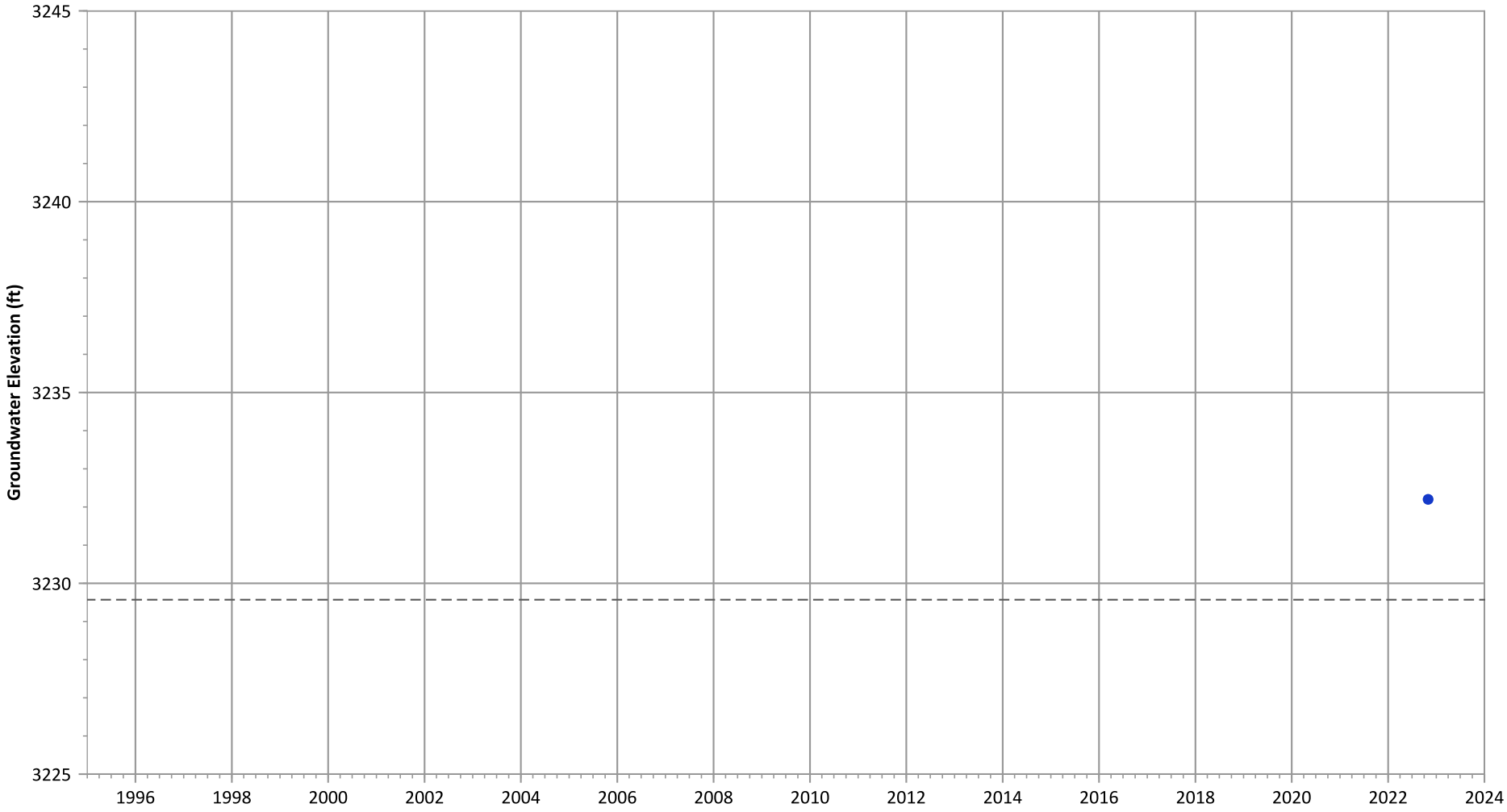
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

PTX06-REC445 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

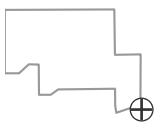


Notes:
1. Top of screen elevation is 3239.57 ft msl.
2. The bottom of screen elevation is 3229.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

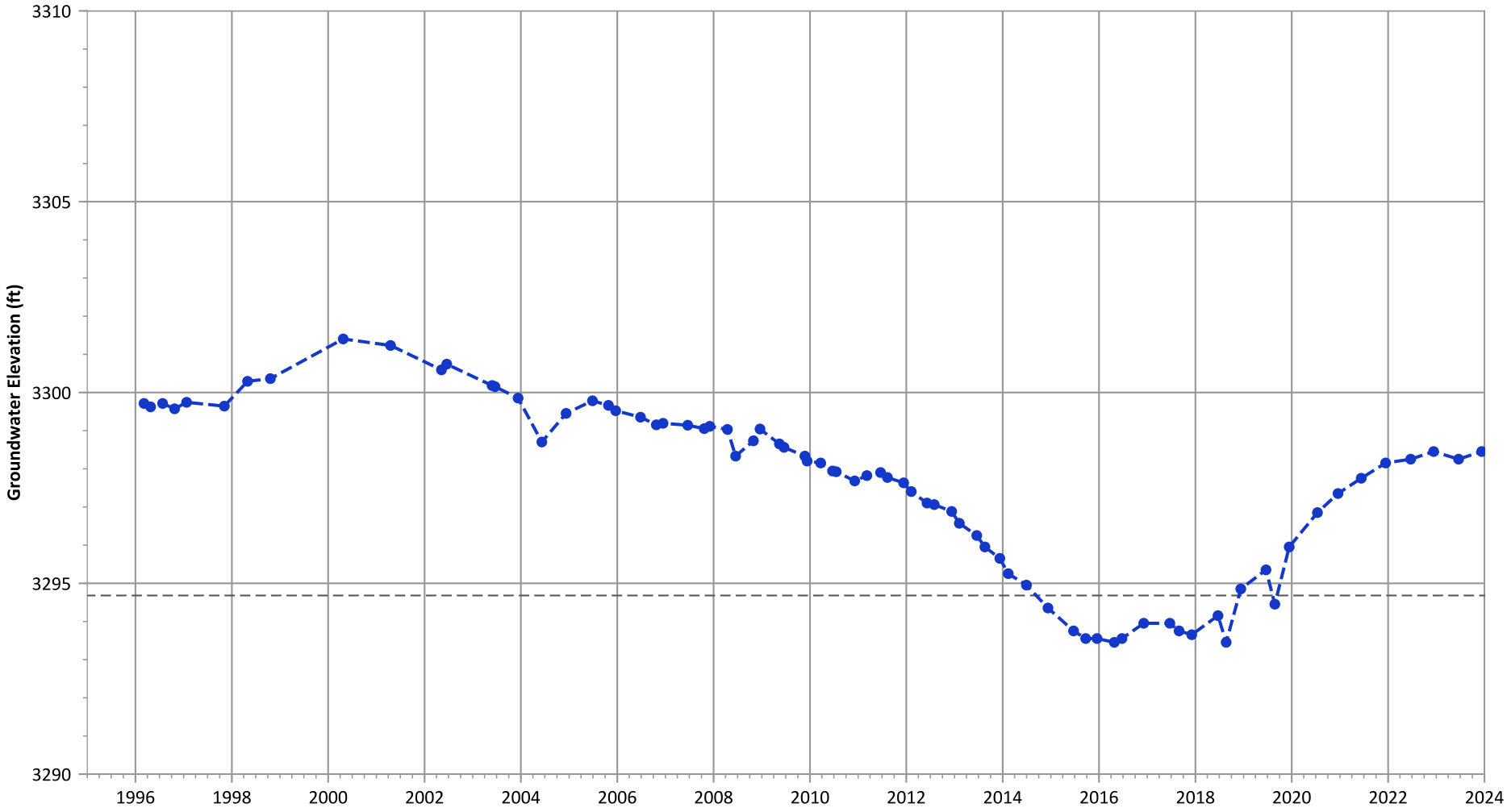
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): N/A (No Measurements)

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.

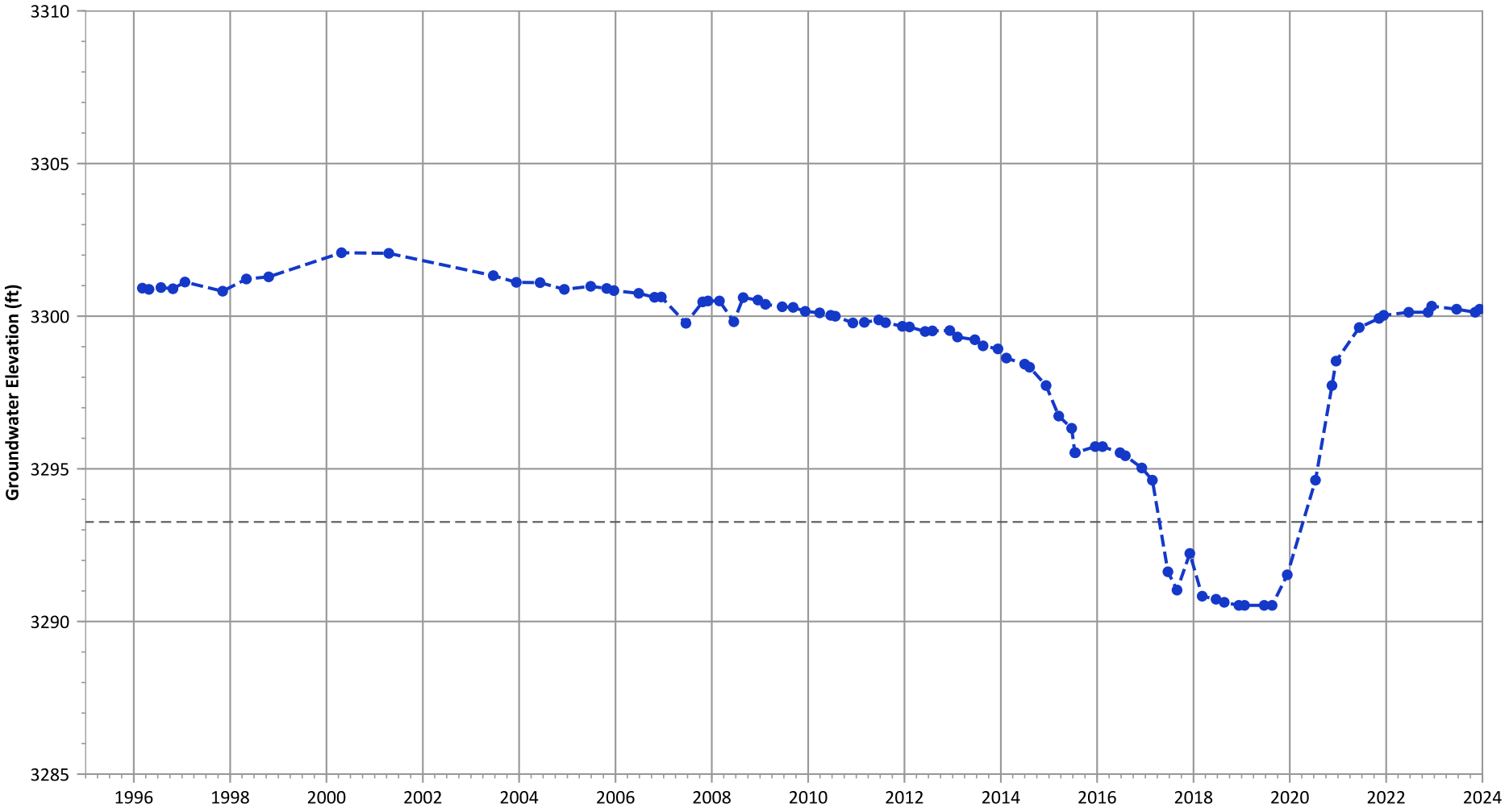
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

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.

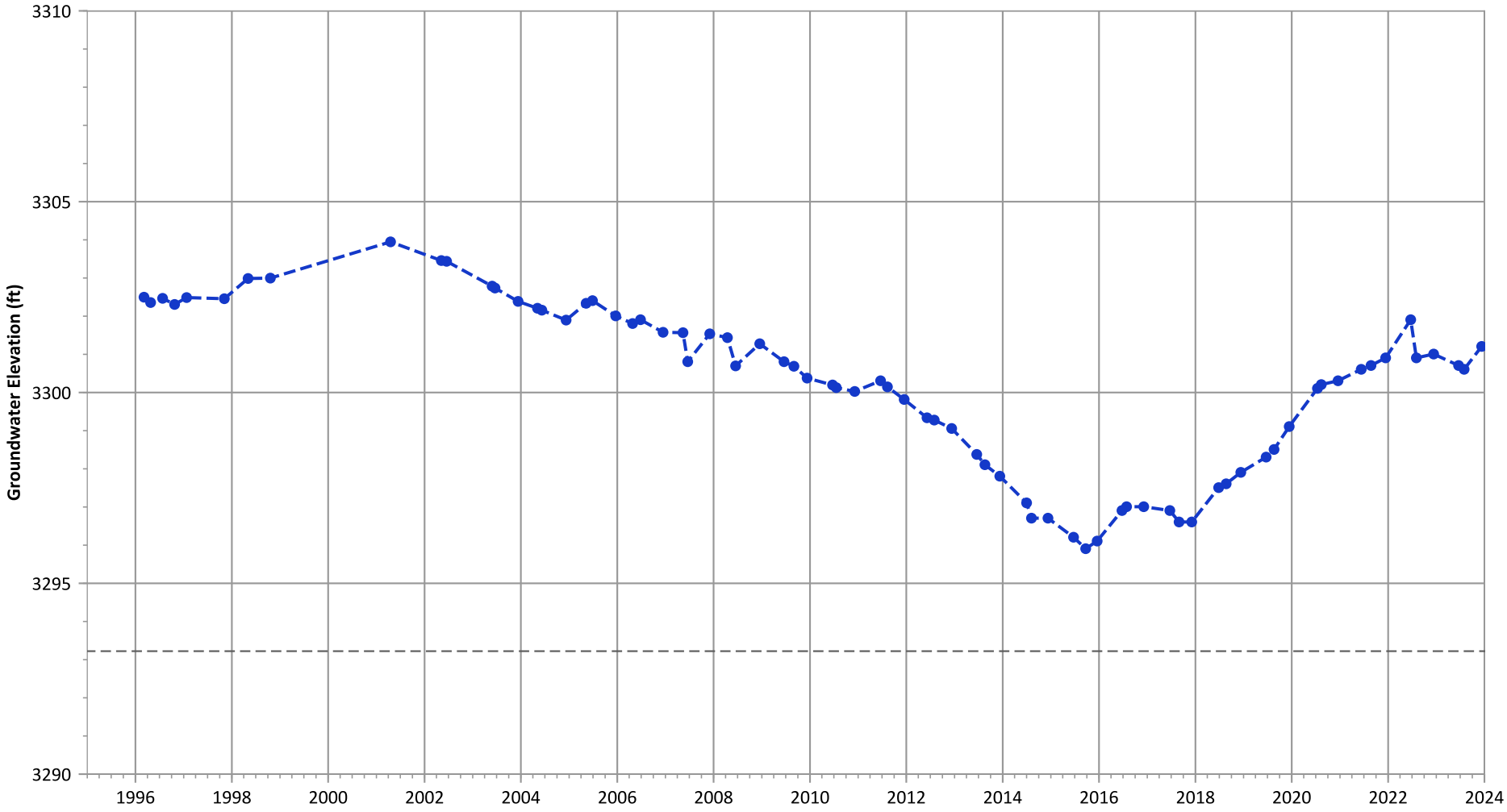
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.23 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.

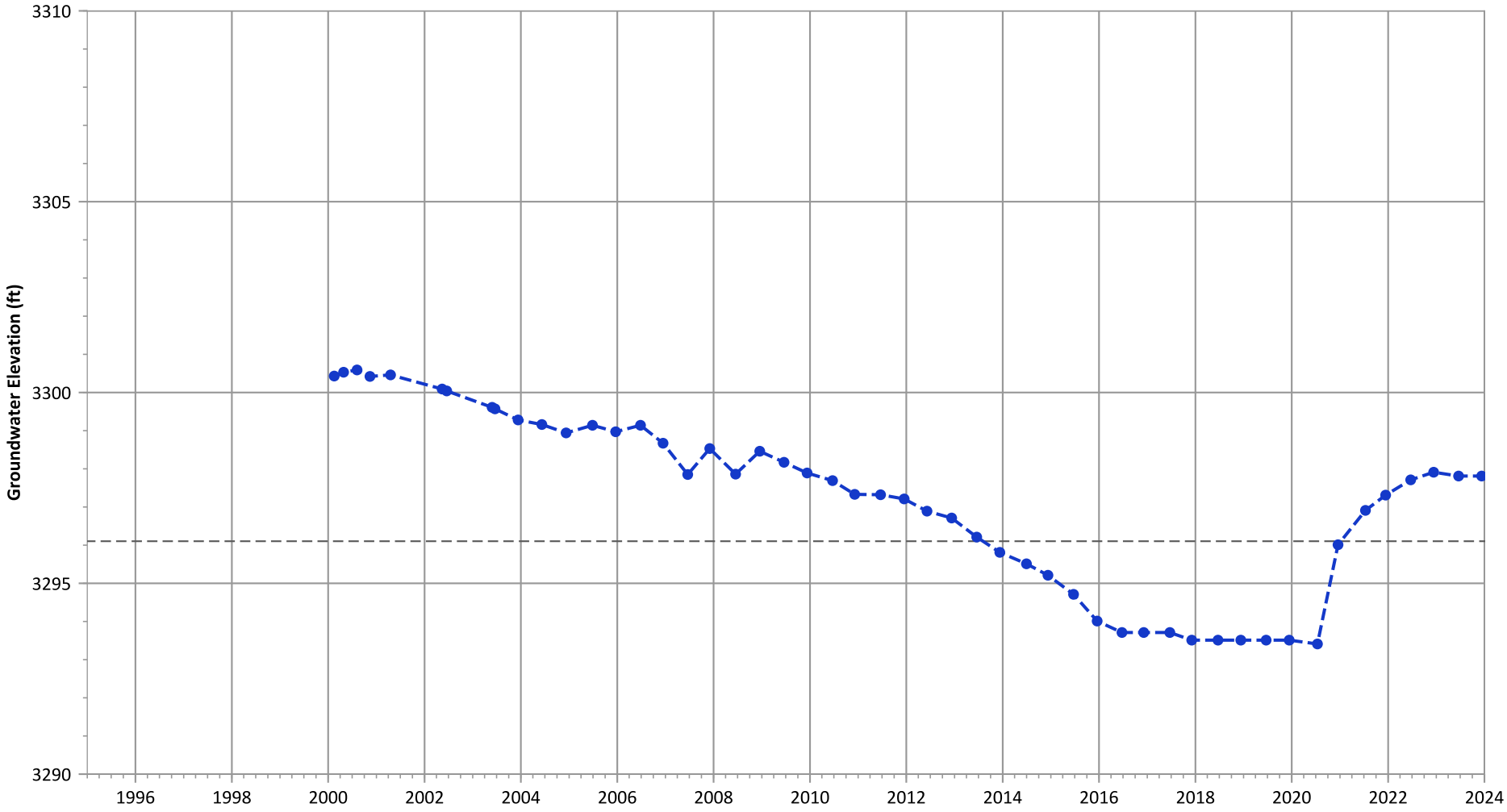
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.39 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

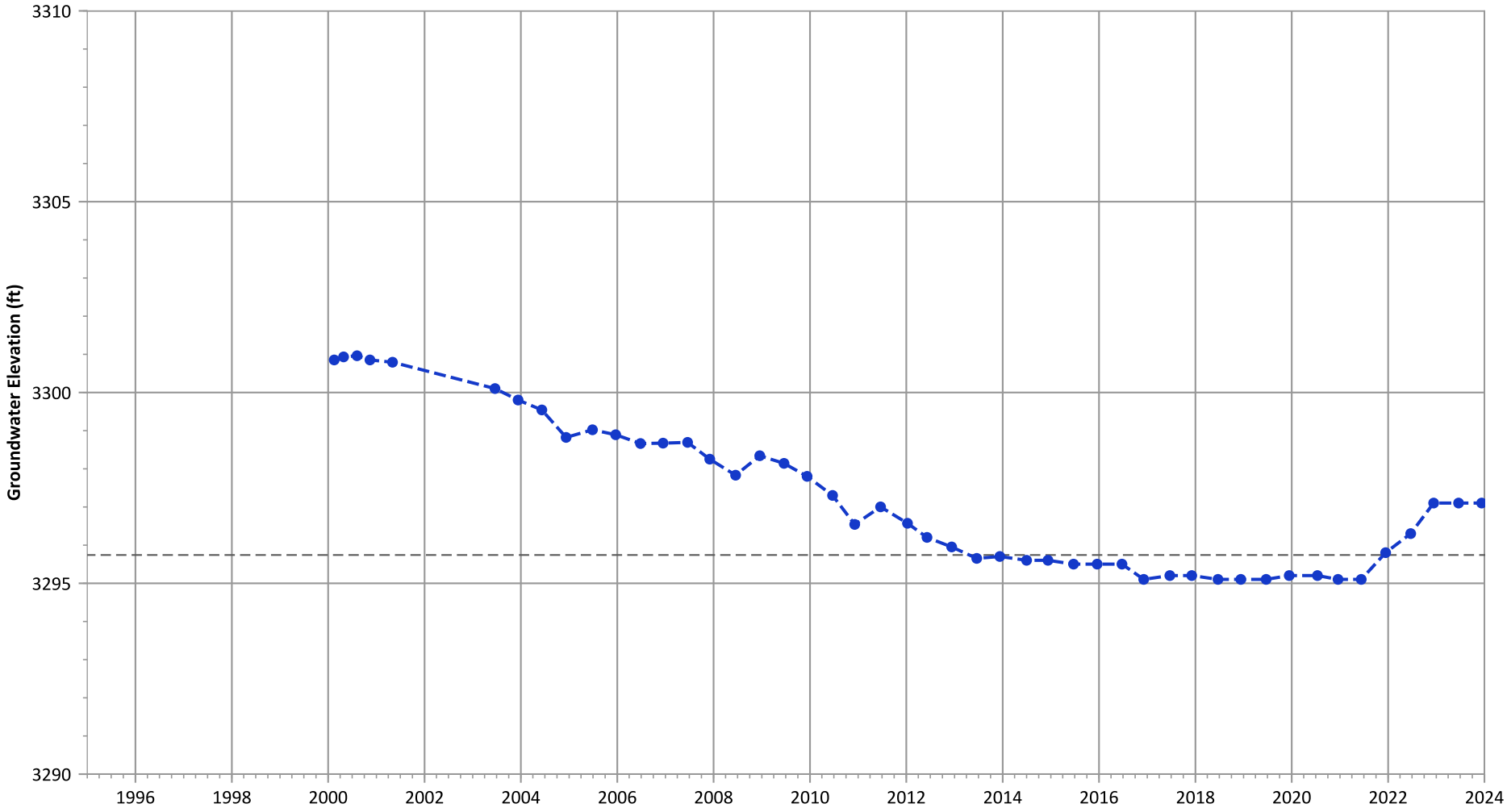
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): No Trend

PTX07-1O05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

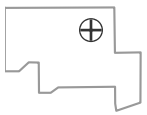


Notes:
1. Top of screen elevation is 3335.74 ft msl.
2. The bottom of screen elevation is 3295.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

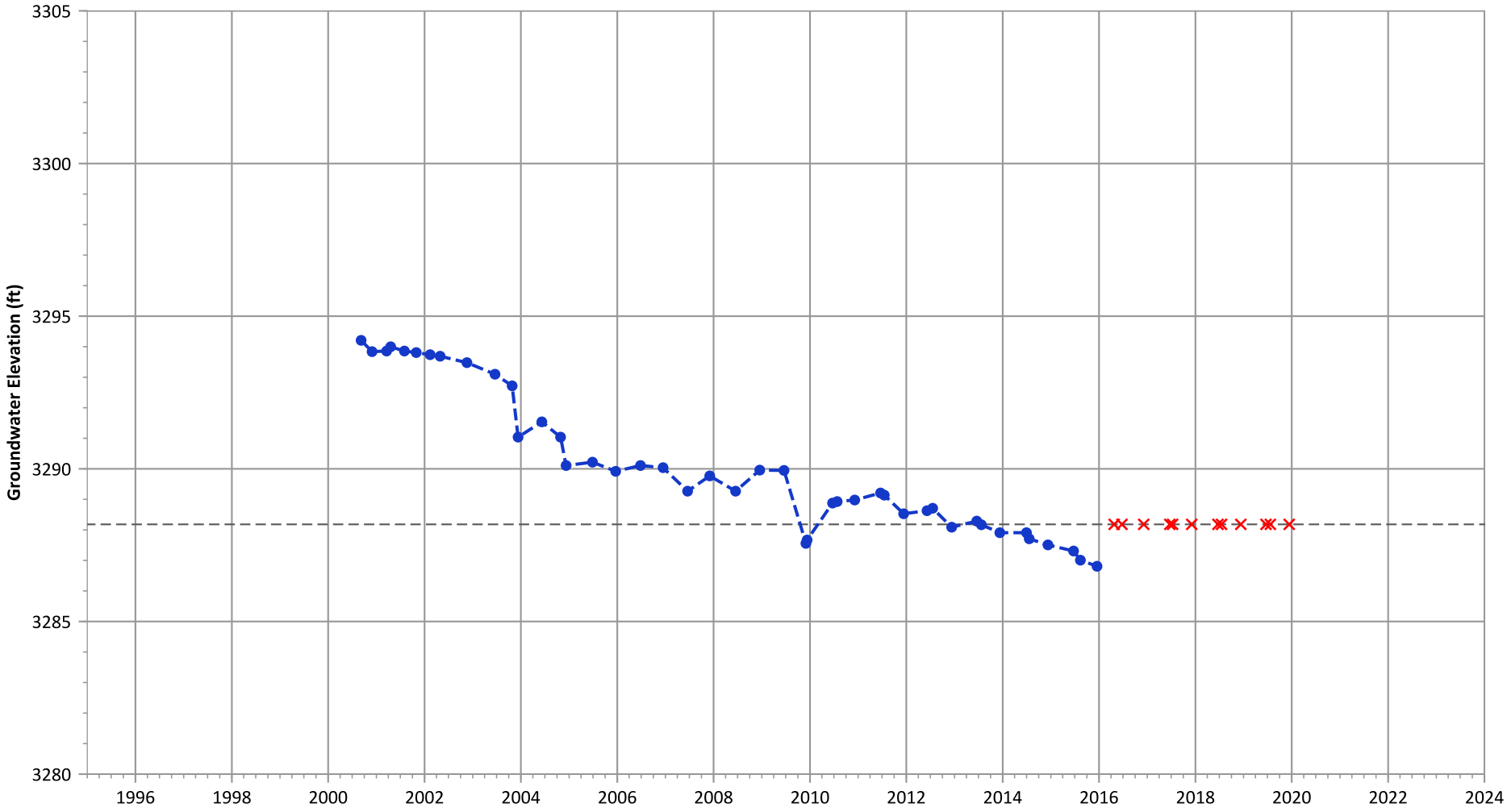
Groundwater Elevation
Bottom of Screen Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.48 ft/yr
Data (7/2009 - 12/2023): No Trend

PTX07-1O06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

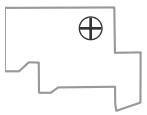


Notes:
1. Top of screen elevation is 3308.18 ft msl.
2. The bottom of screen elevation is 3288.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

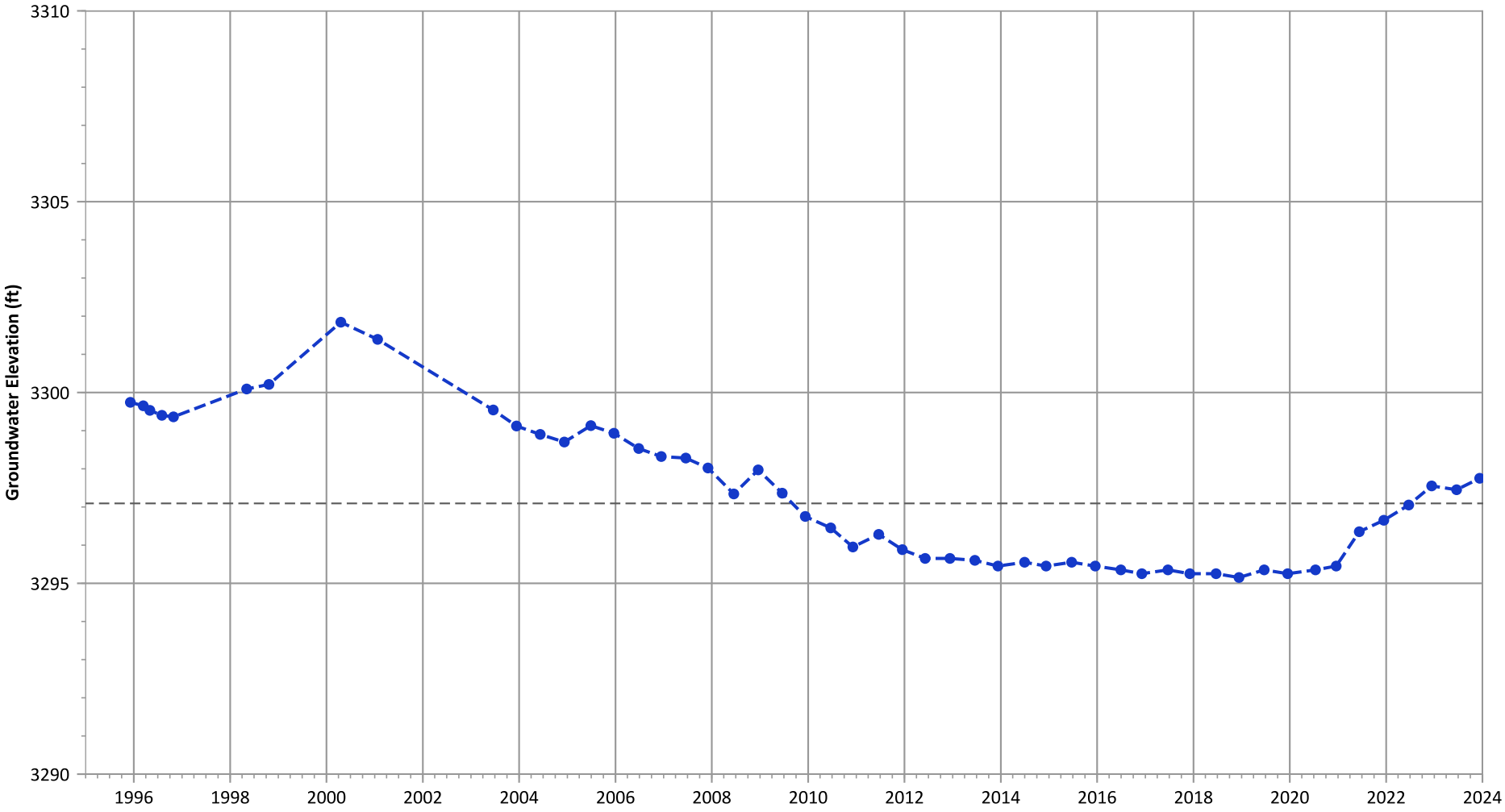
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Decreasing at 0.24 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.

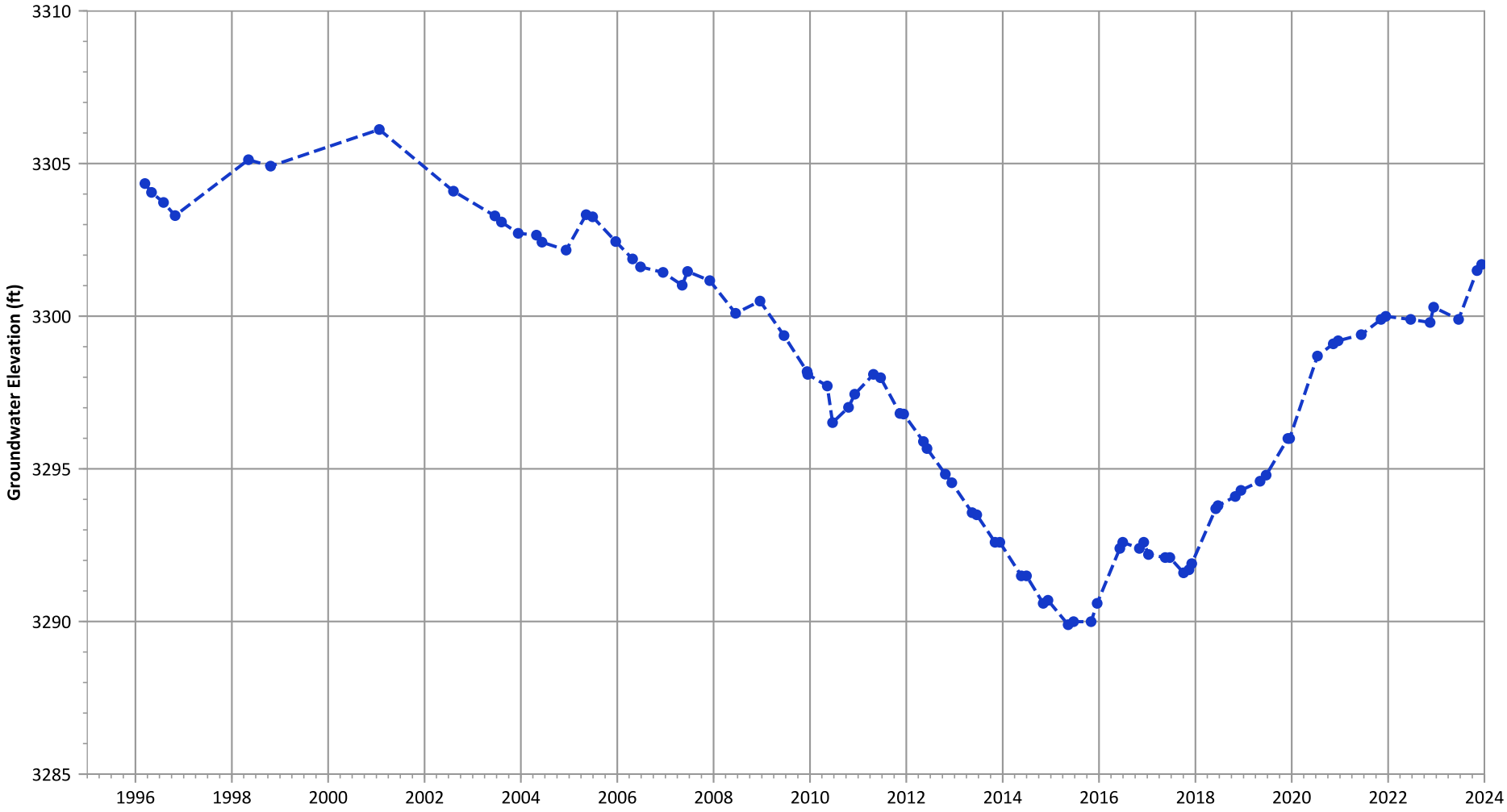
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.4 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

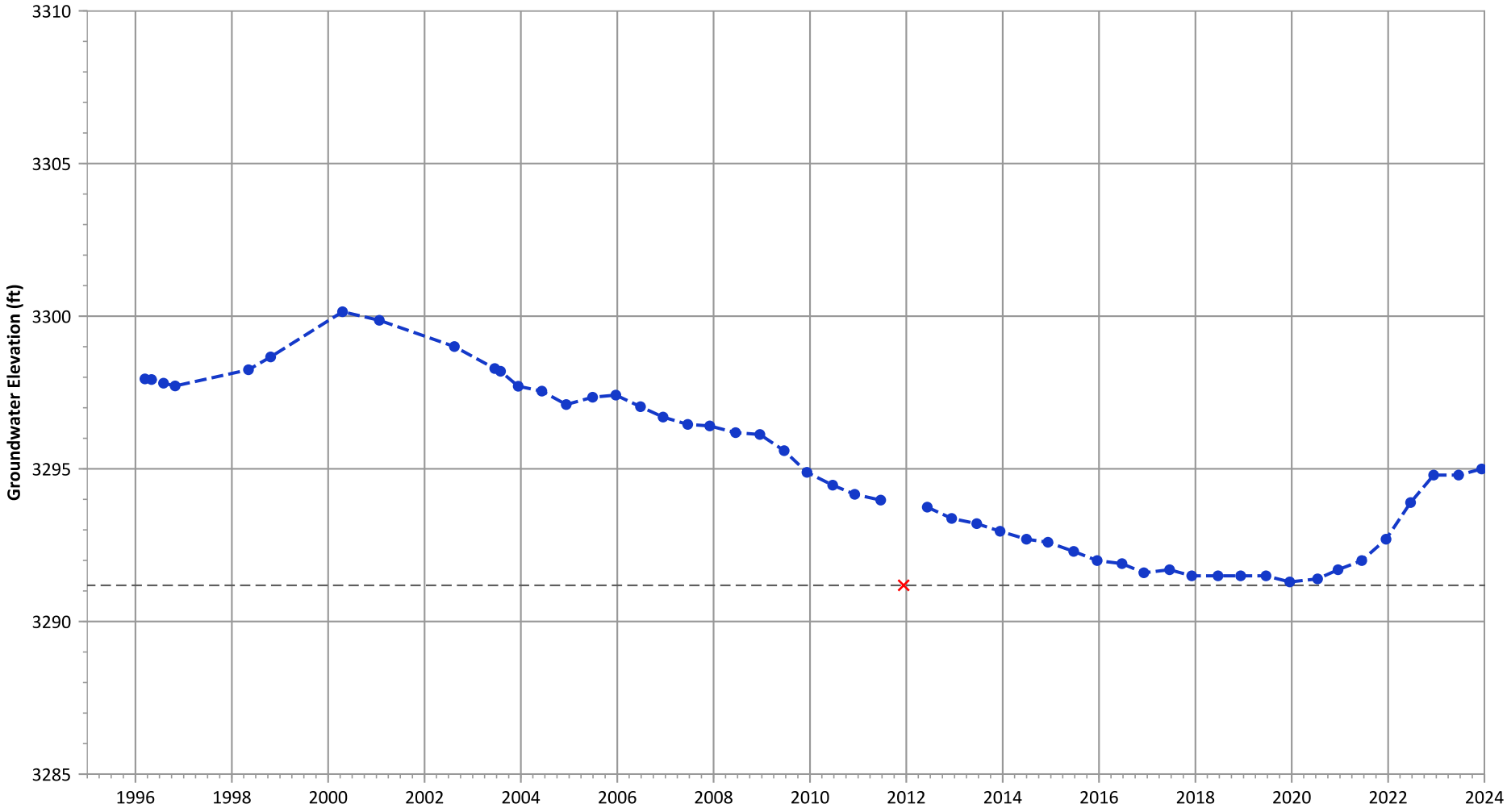
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.21 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.27 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.

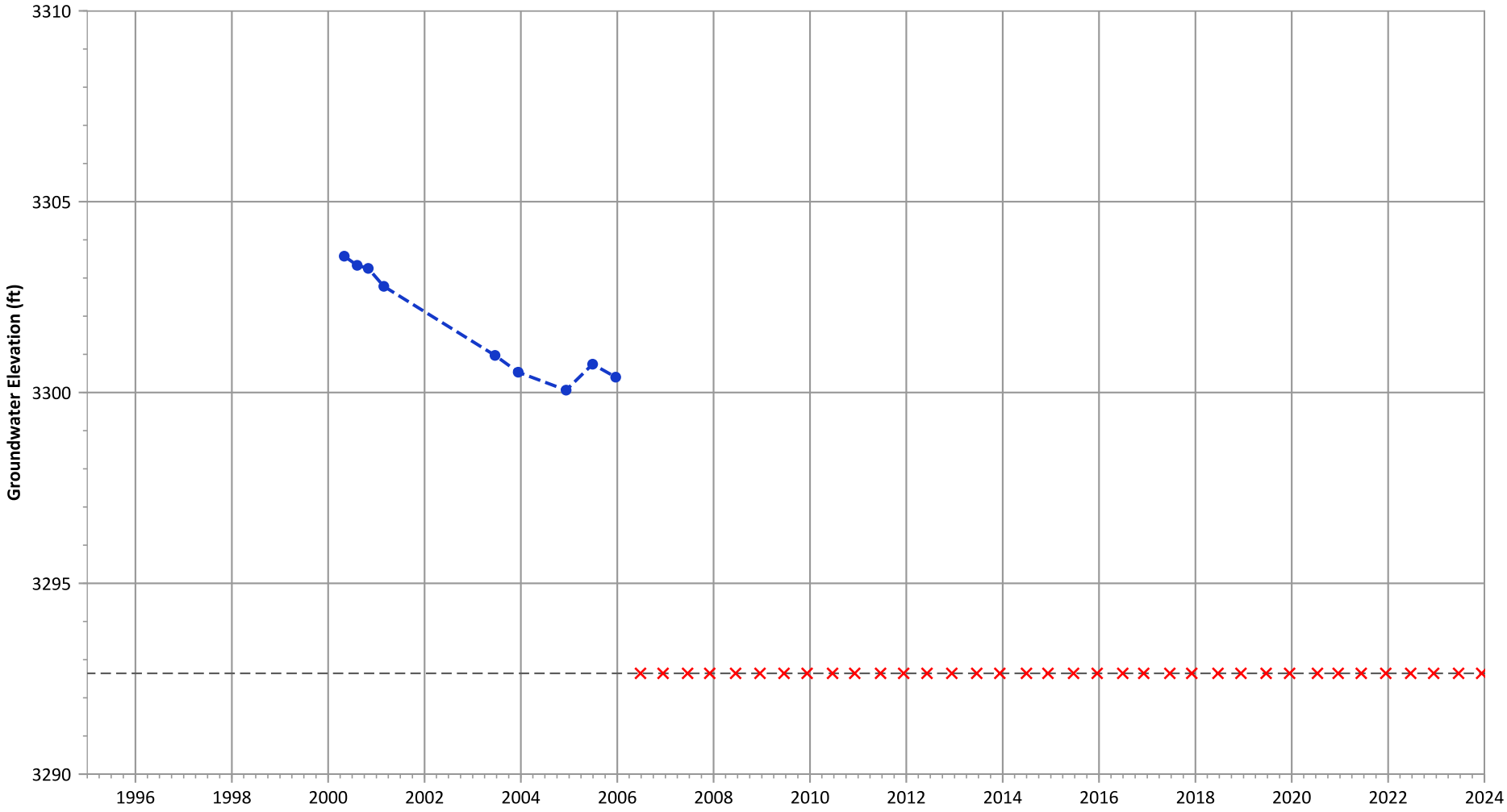
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.66 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

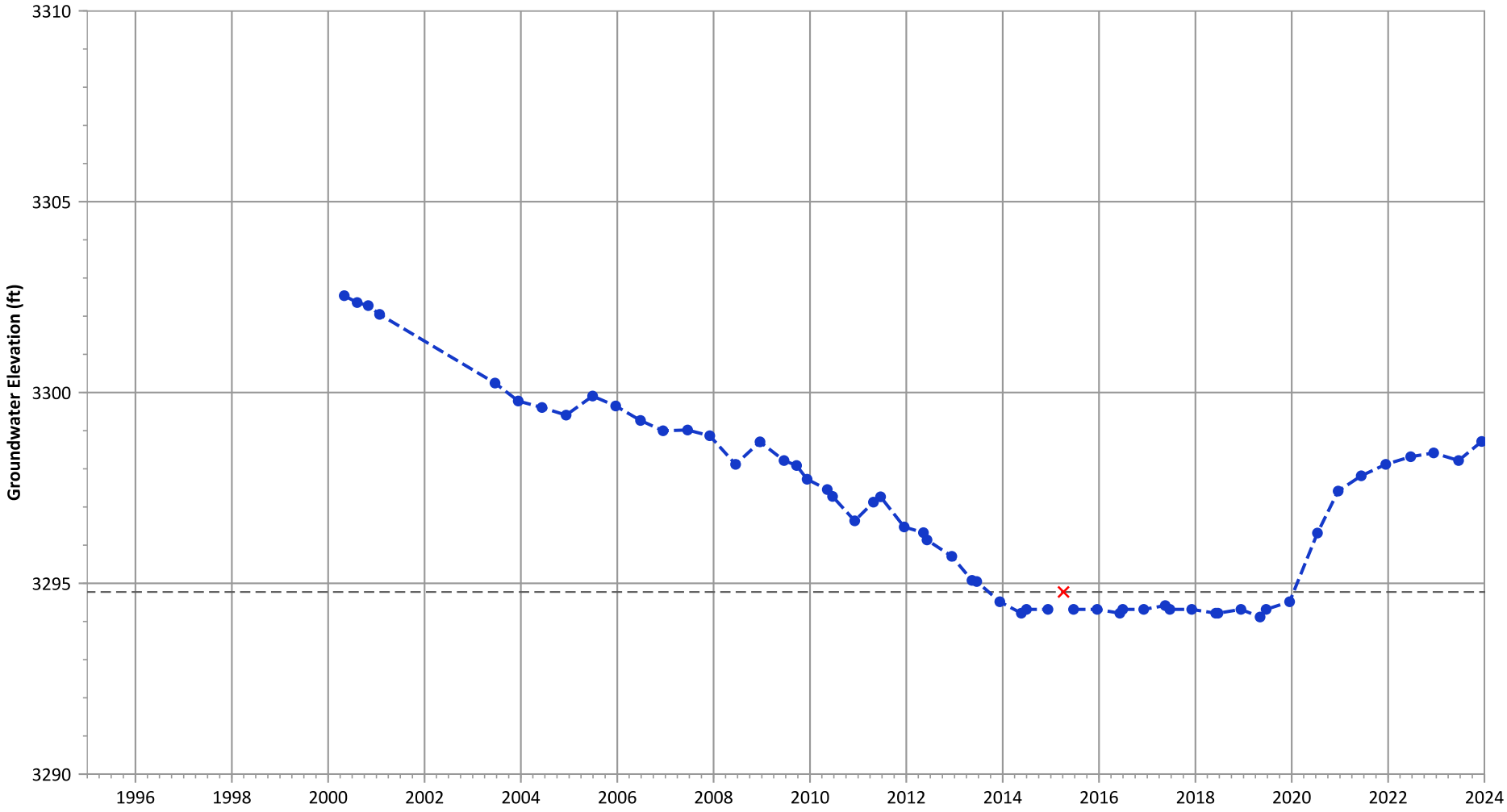
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): 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.

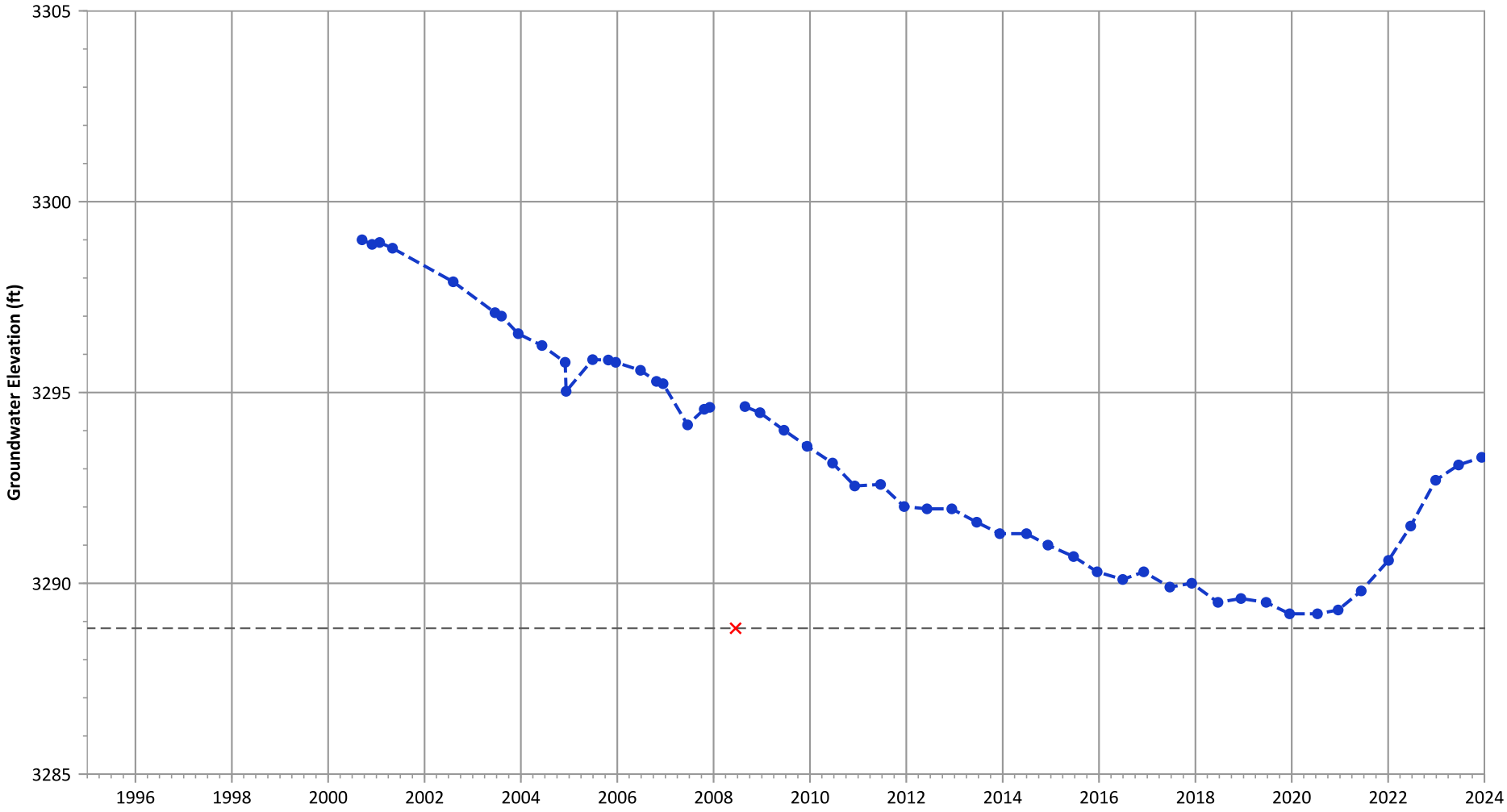
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 12/2023): 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.

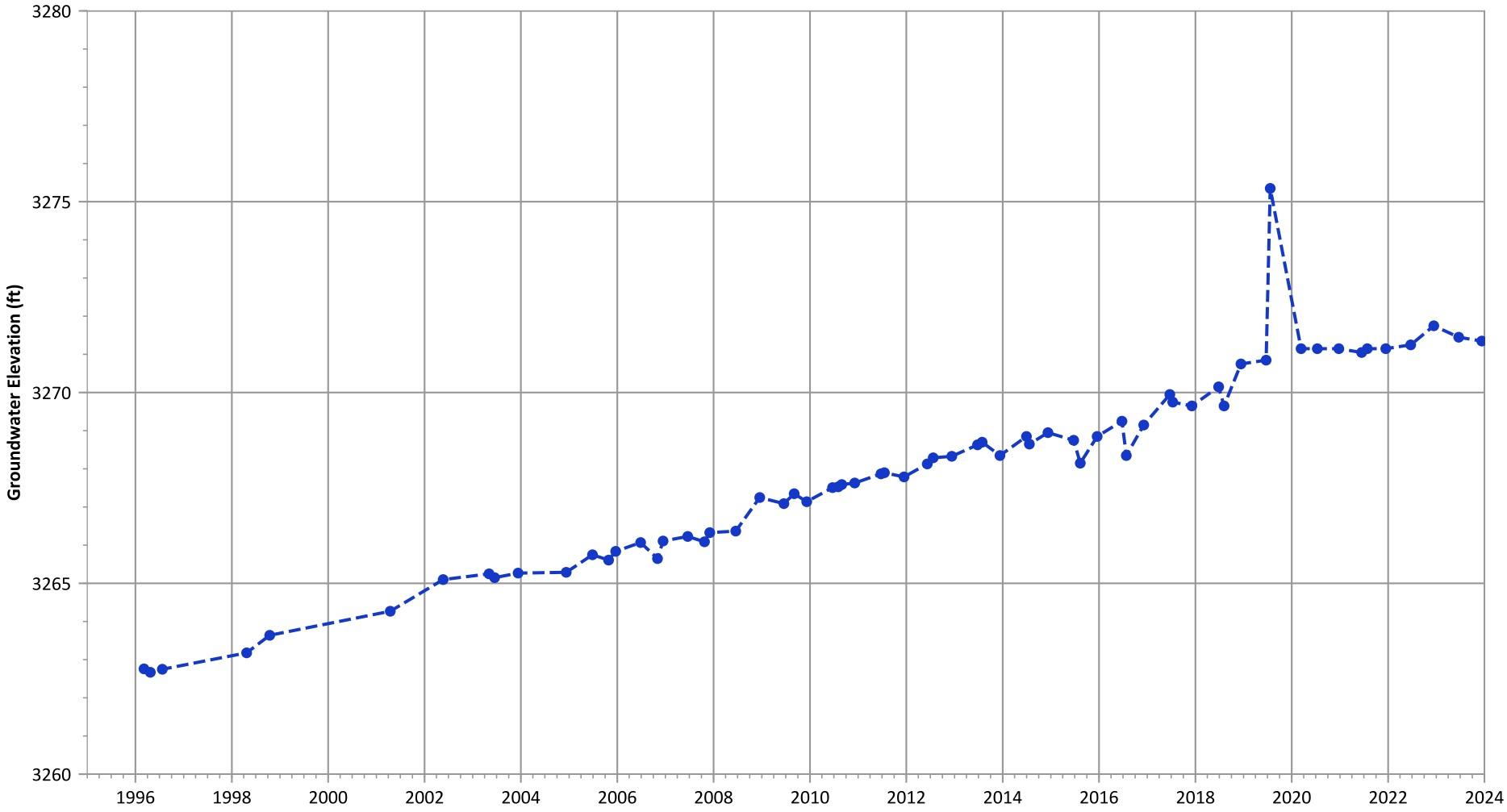
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.44 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.12 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.

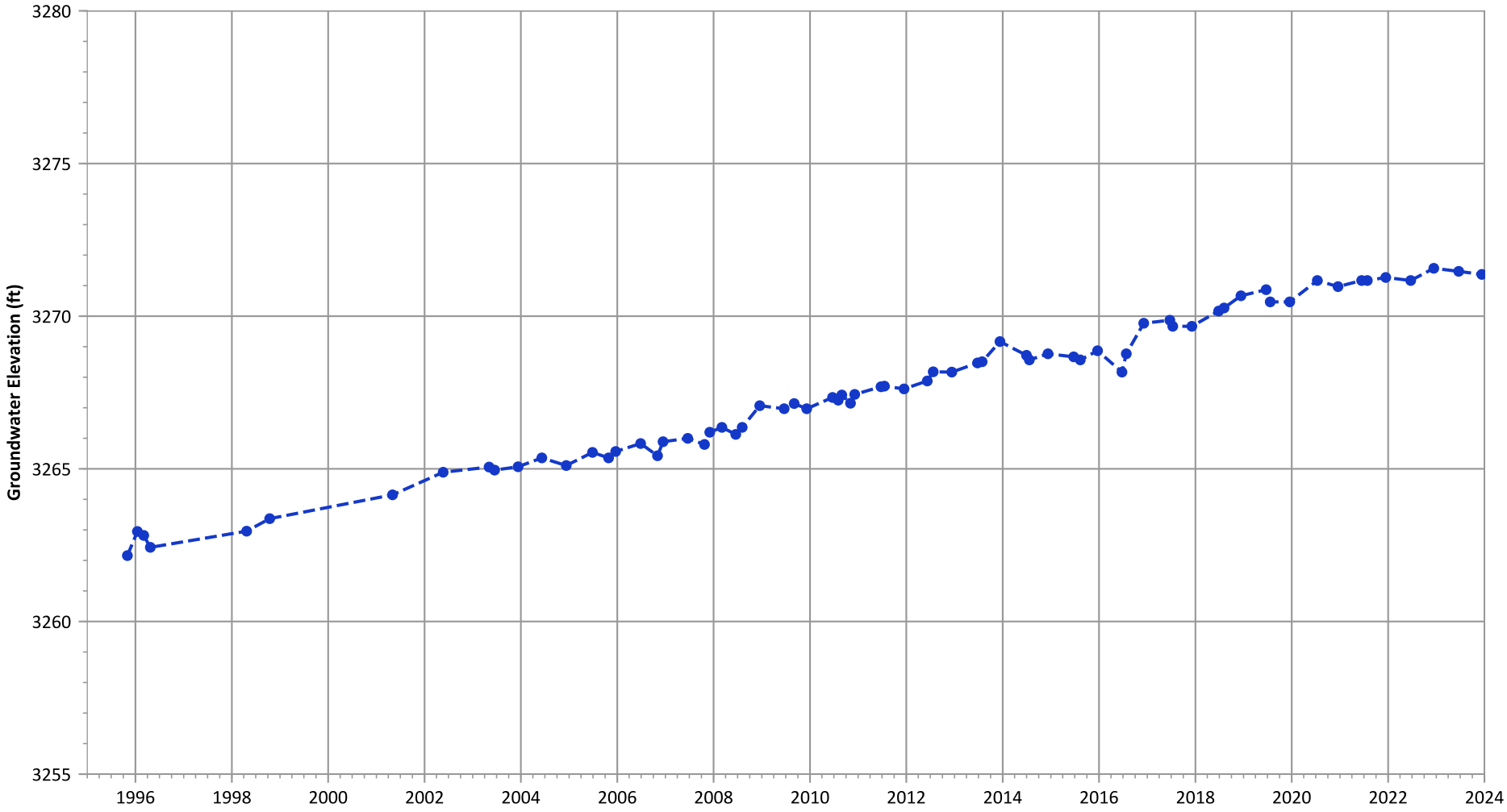
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.35 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.

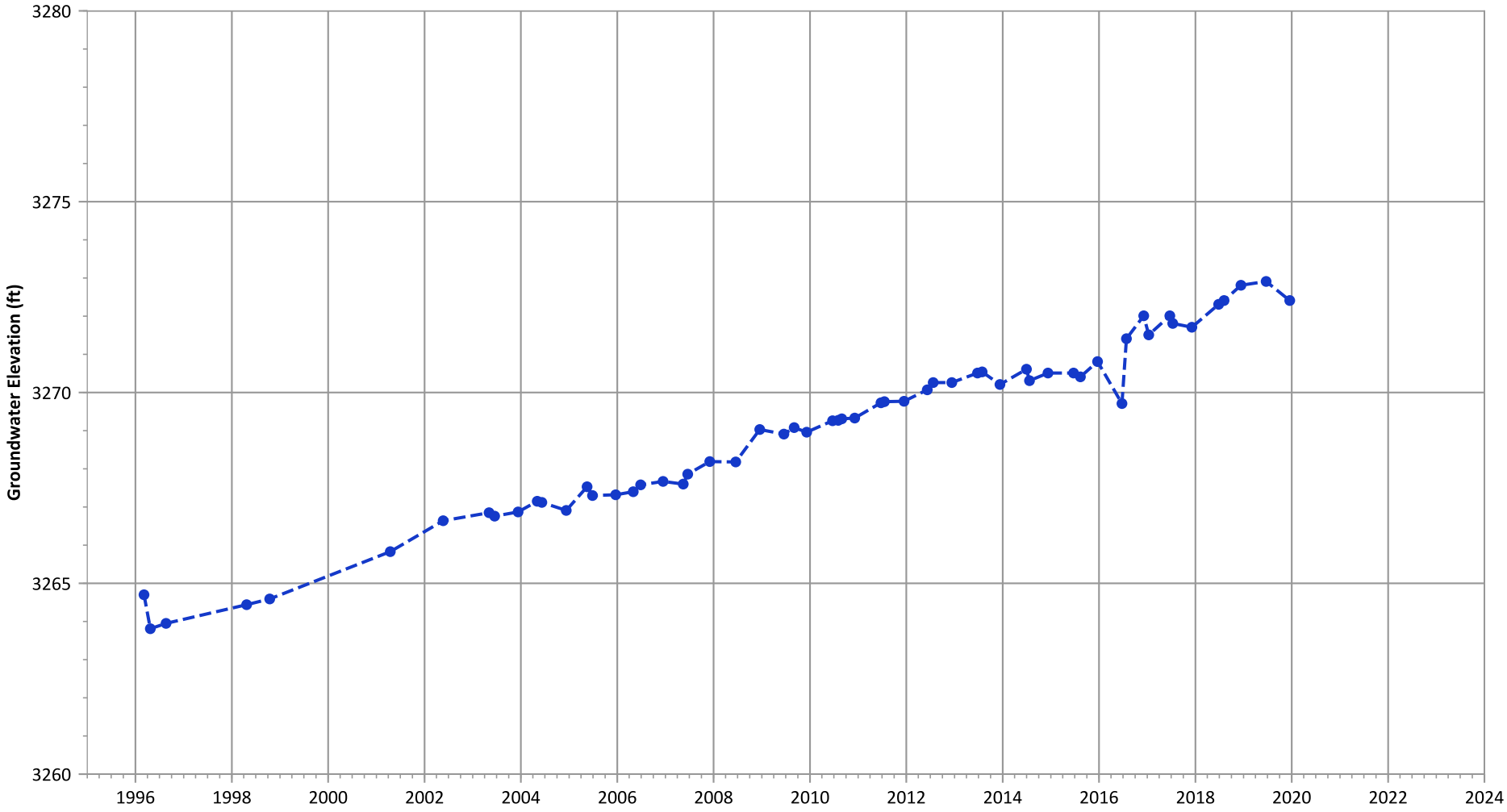
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.34 ft/yr

PTX07-1Q03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

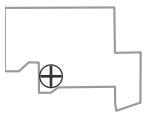


Notes:
1. Top of screen elevation is 3278.29 ft msl.
2. The bottom of screen elevation is 3228.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

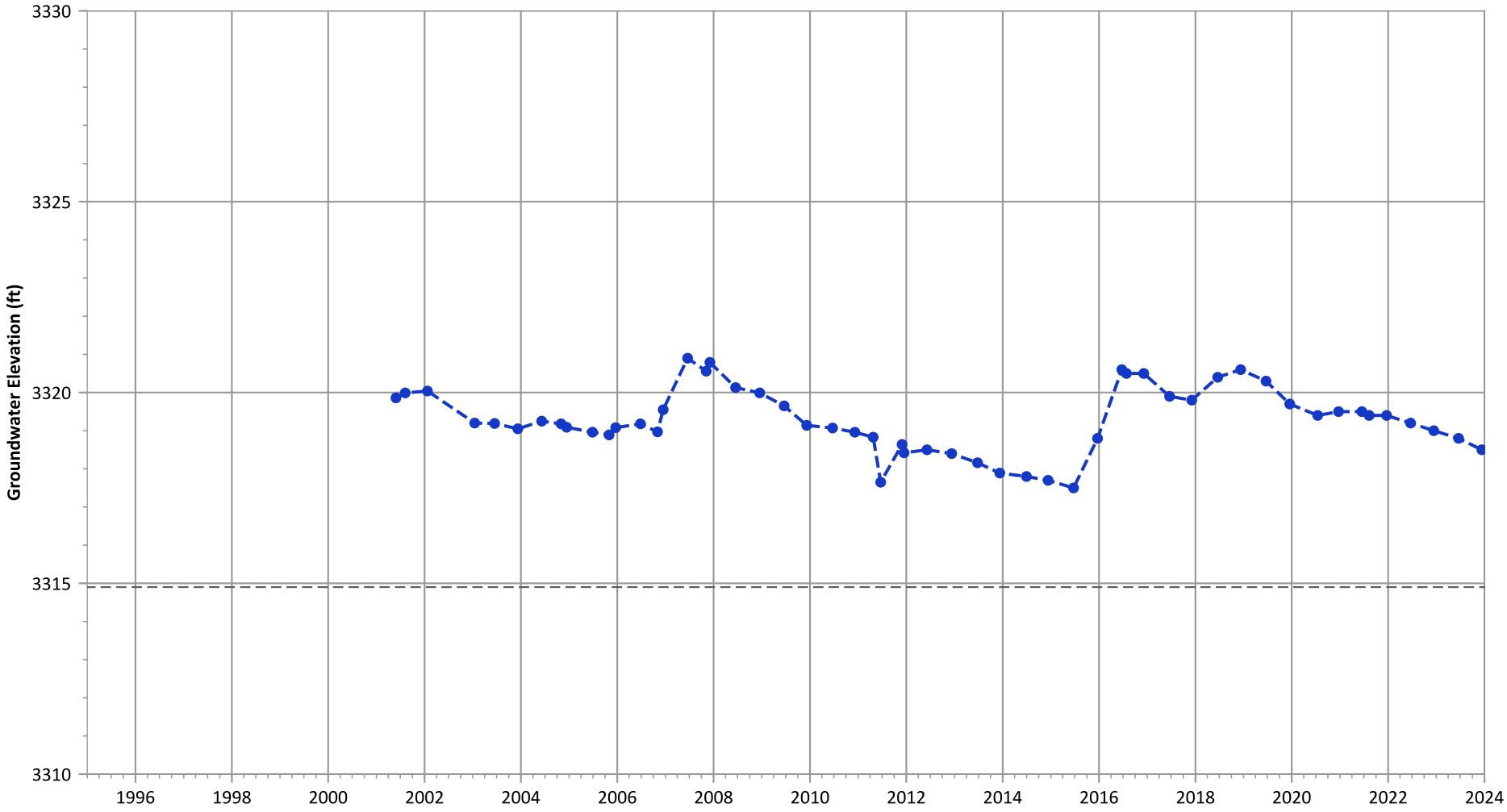
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (No Measurements)
Data (7/2009 - 12/2023): Increasing at 0.36 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.

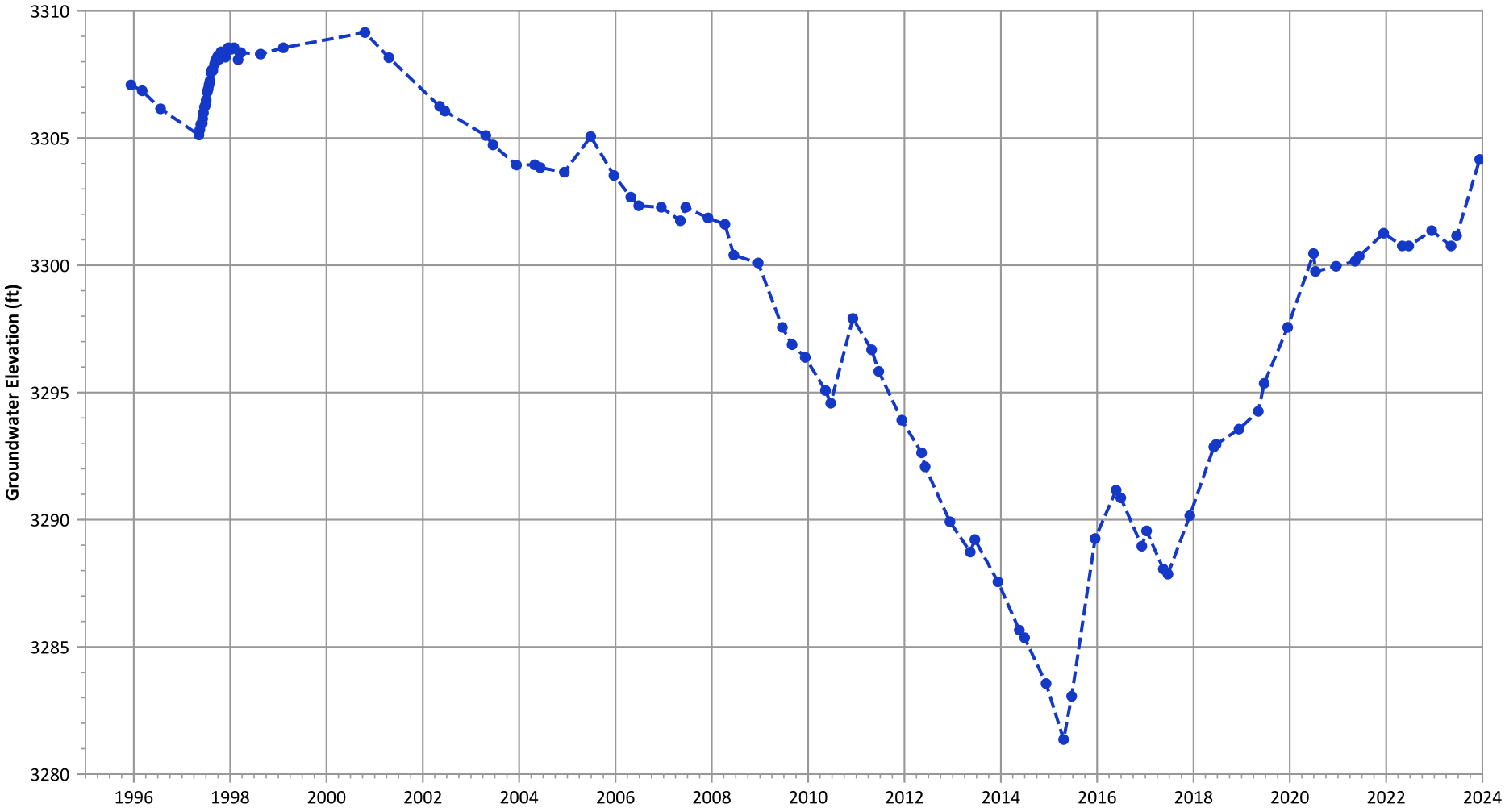
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.44 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

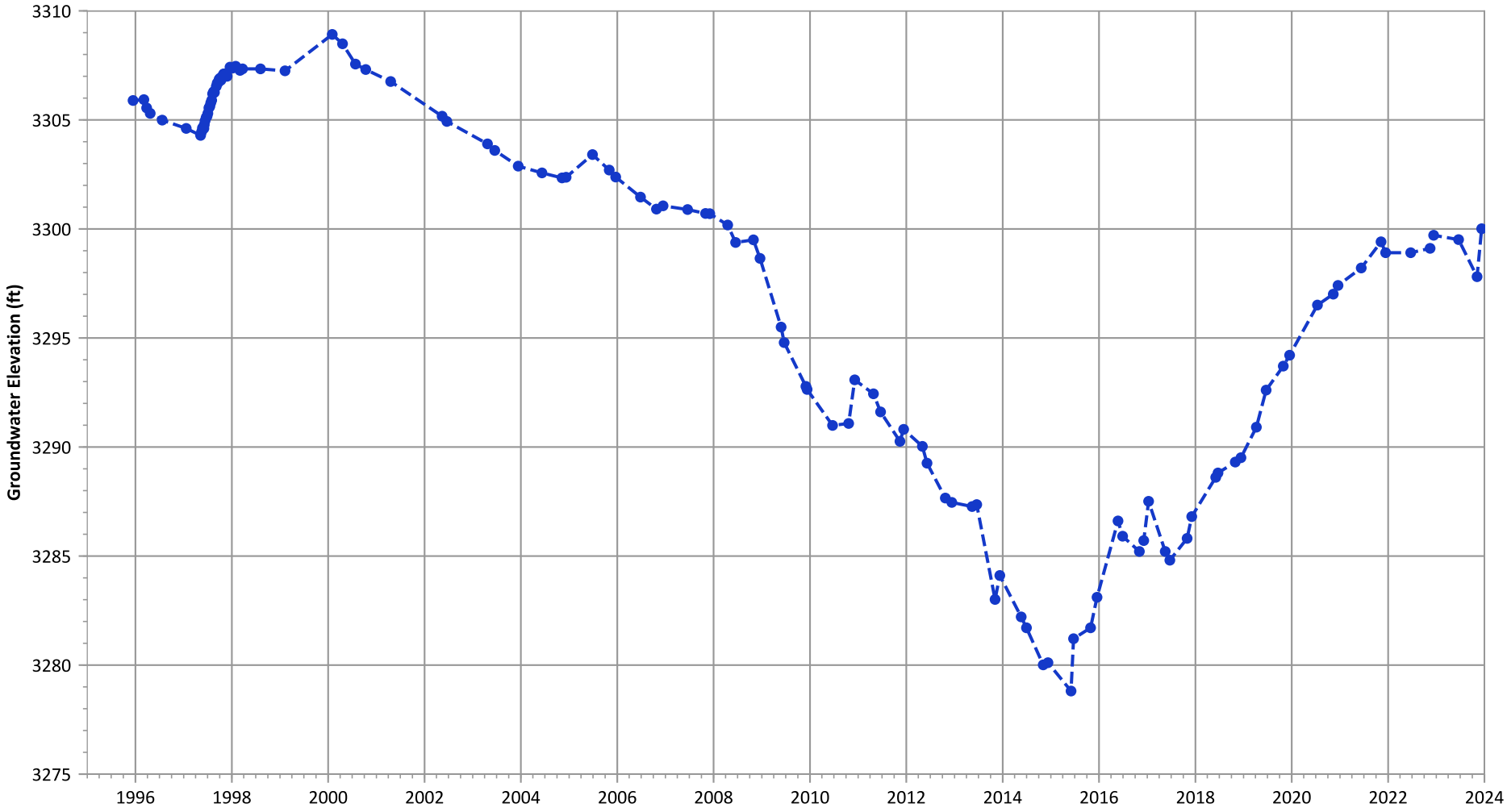
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.56 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.68 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.

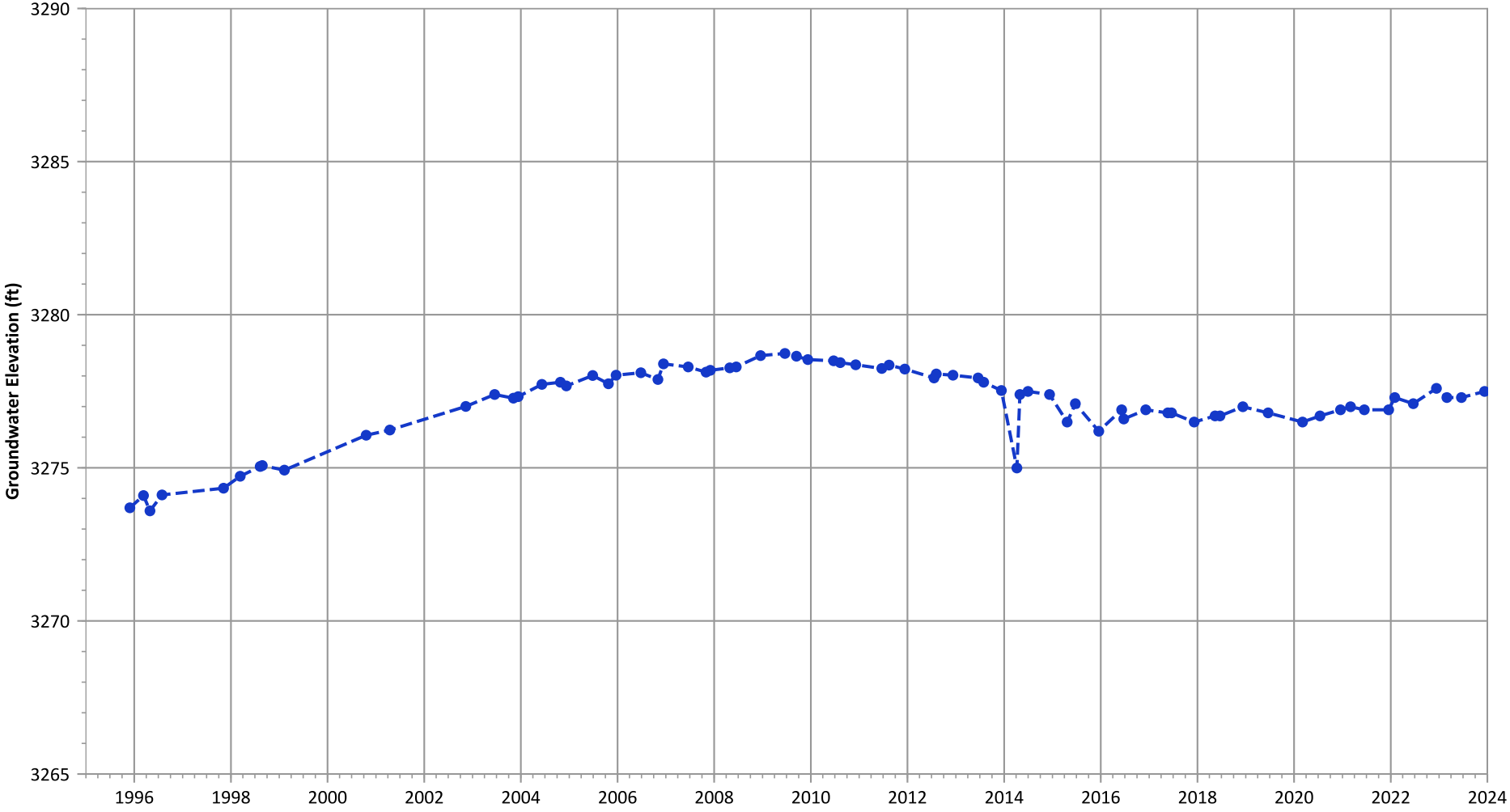
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Increasing at 0.79 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.

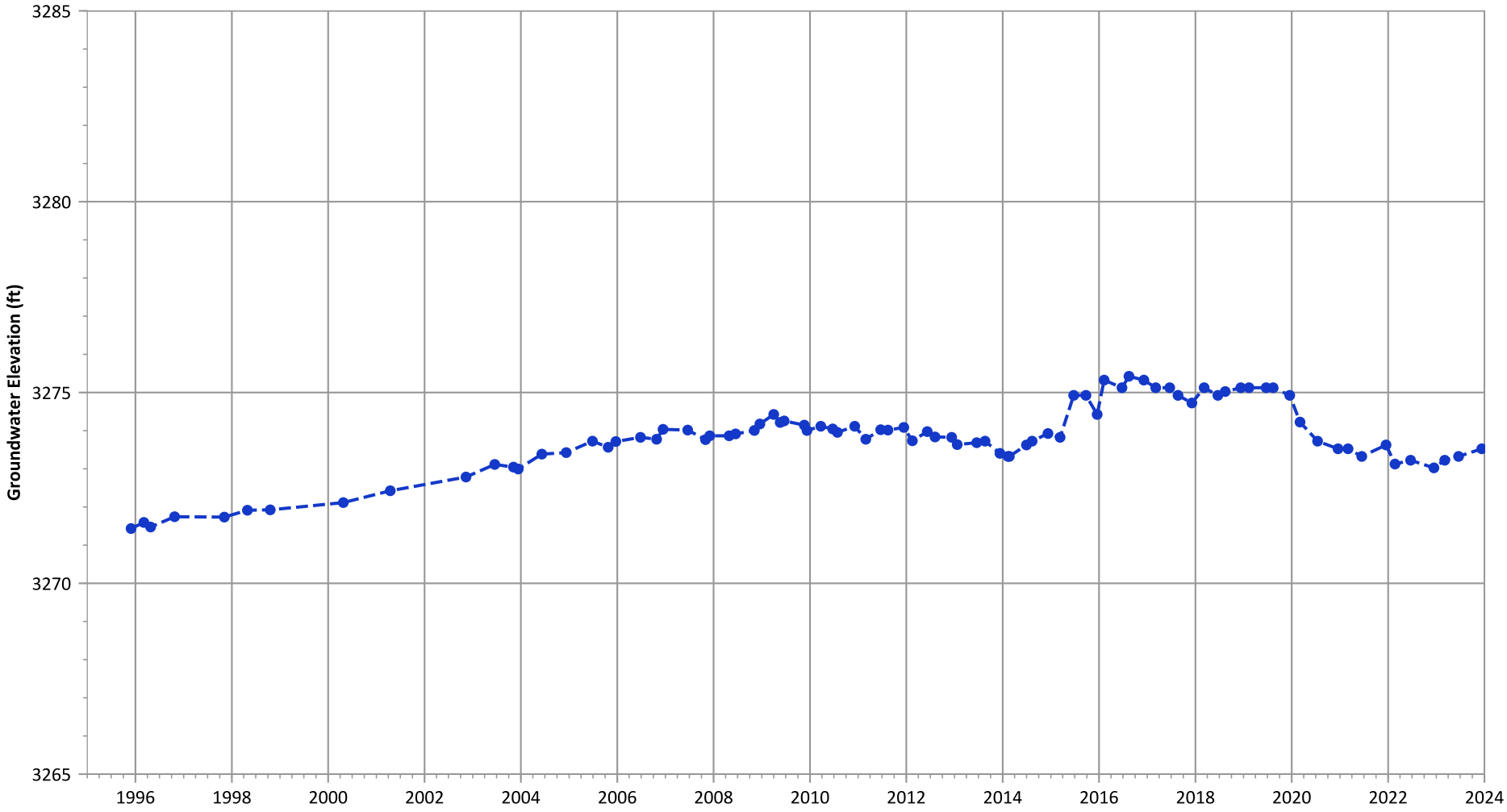
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 12/2023): 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.

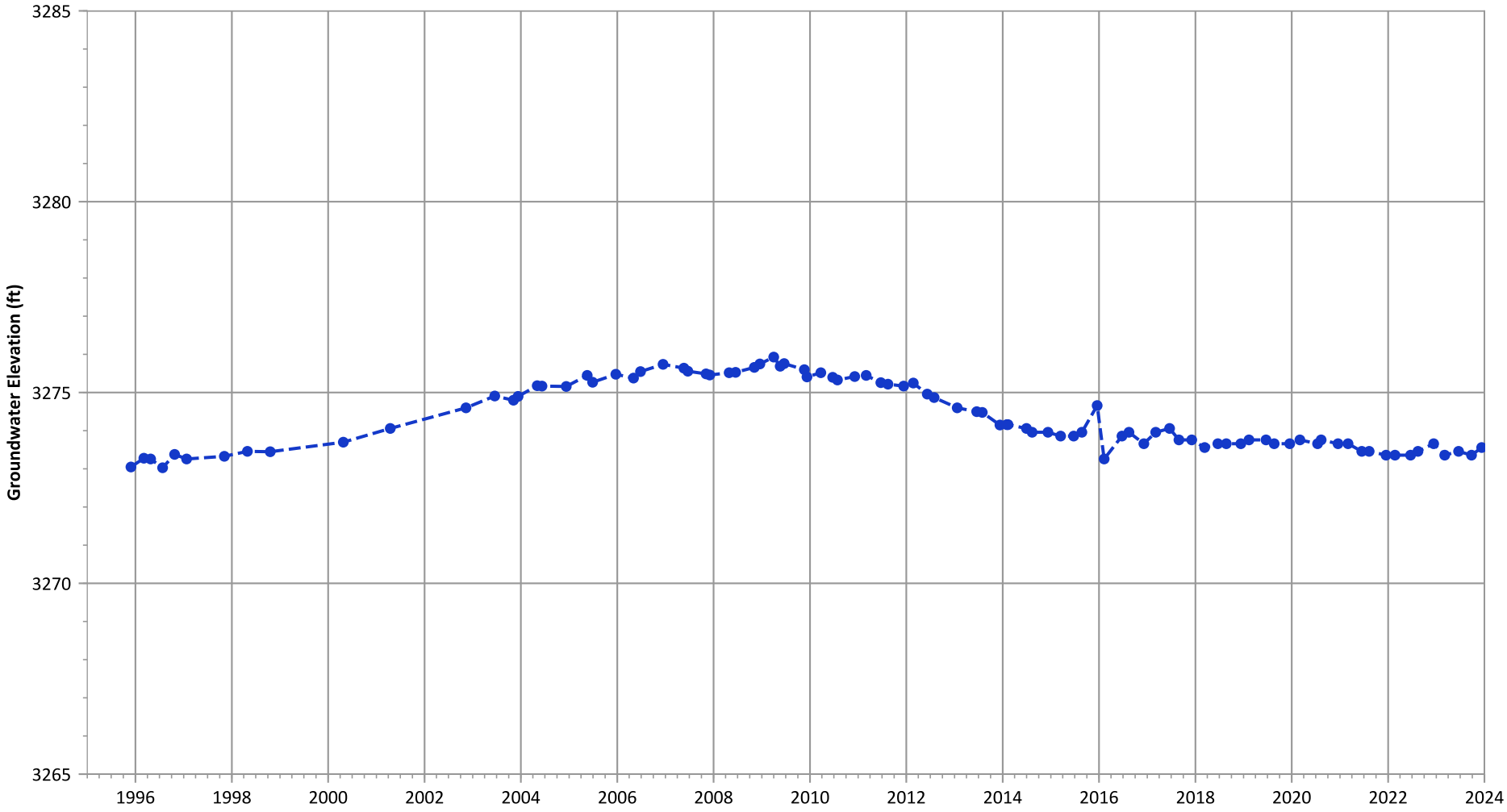
Analysis Date: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 12/2023): No Trend

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.

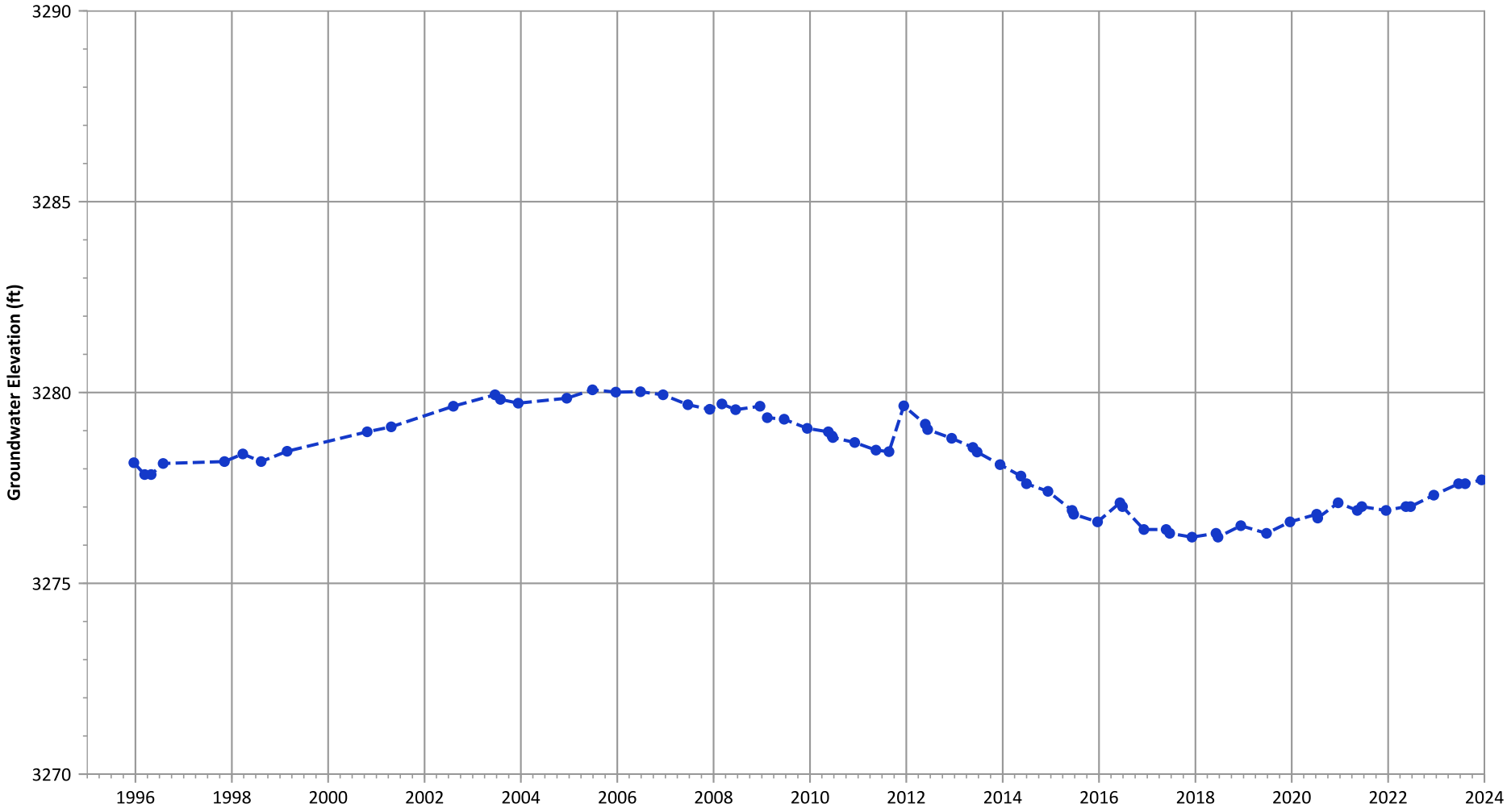
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.15 ft/yr

PTX08-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

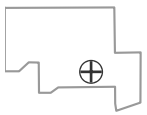


Notes:
1. Top of screen elevation is 3280.55 ft msl.
2. The bottom of screen elevation is 3245.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

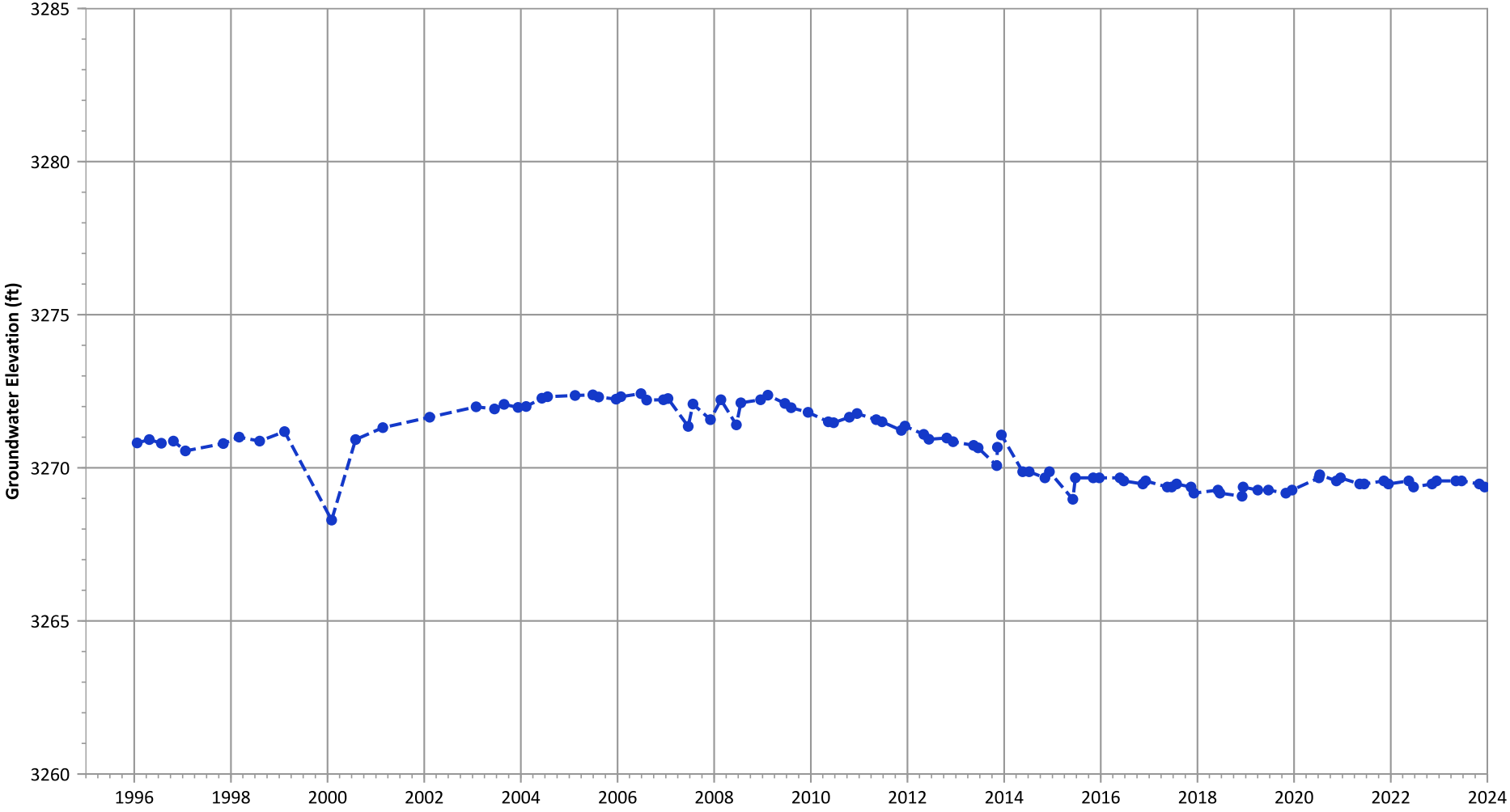
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.49 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.16 ft/yr

PTX08-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

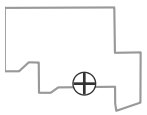


Notes:
1. Top of screen elevation is 3277.04 ft msl.
2. The bottom of screen elevation is 3247.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

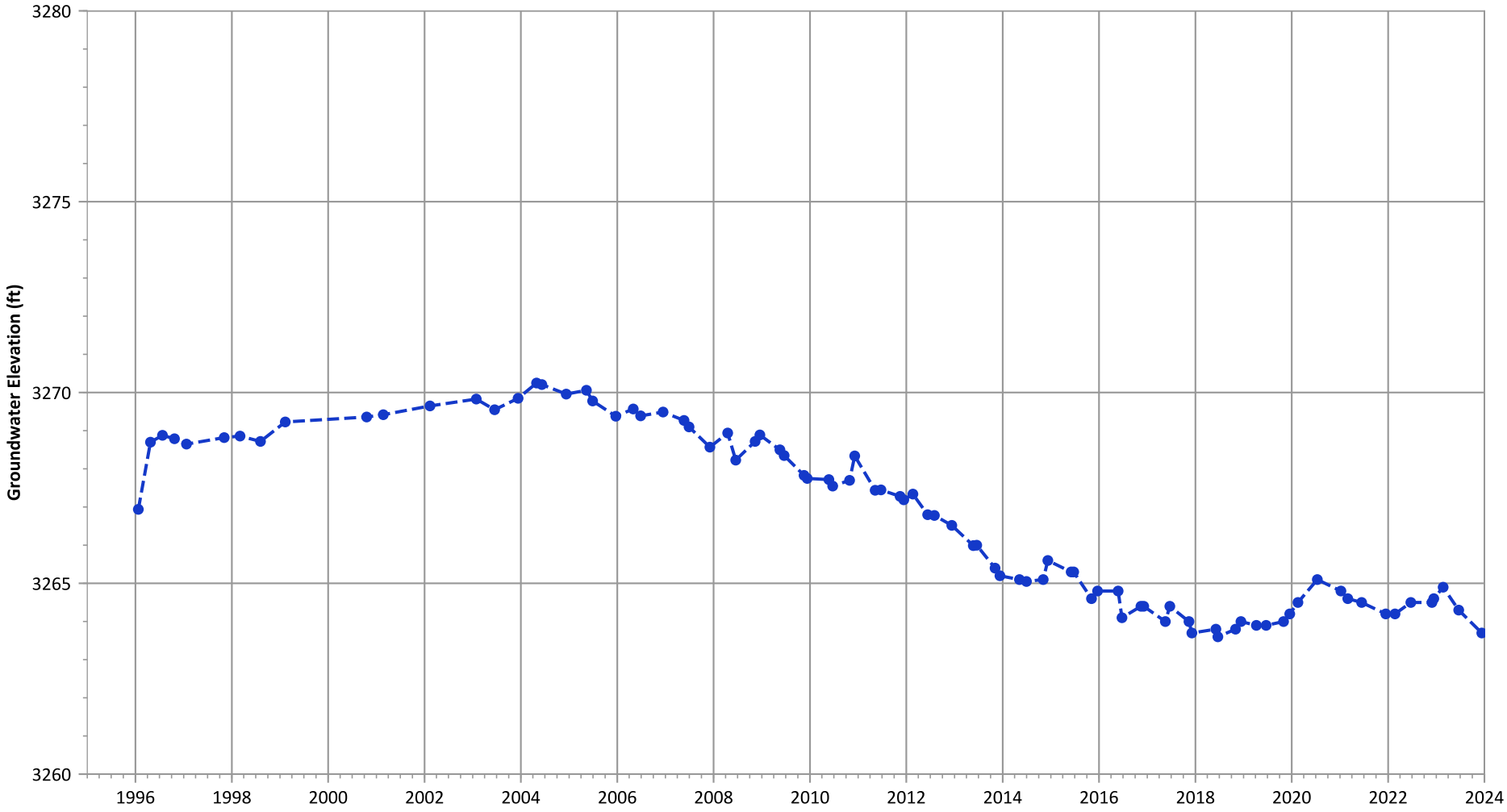
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.17 ft/yr

PTX08-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

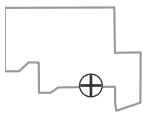


Notes:
1. Top of screen elevation is 3280.09 ft msl.
2. The bottom of screen elevation is 3250.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

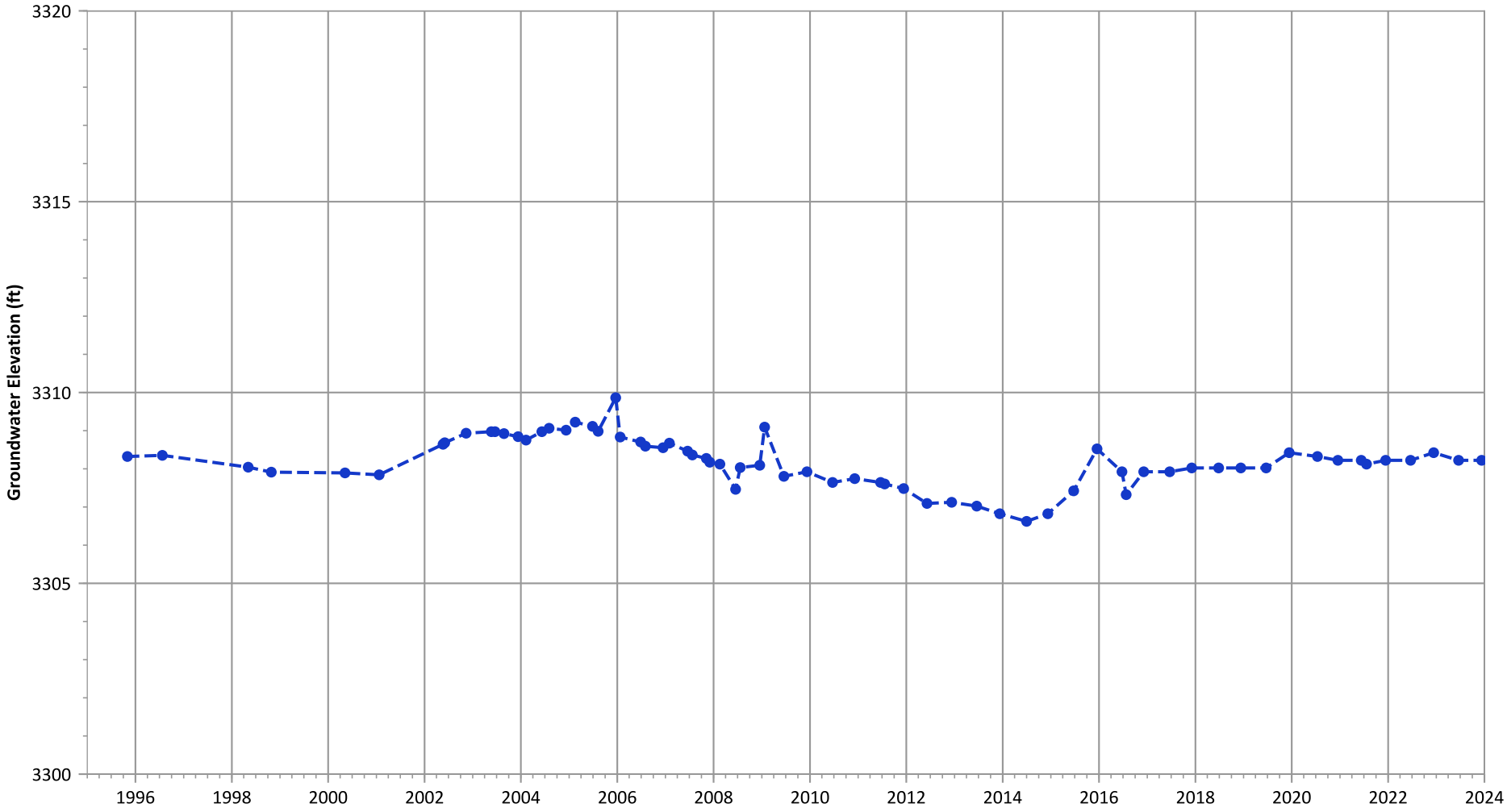
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.25 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.28 ft/yr

PTX08-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

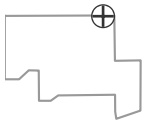


Notes:
1. Top of screen elevation is 3321.22 ft msl.
2. The bottom of screen elevation is 3286.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

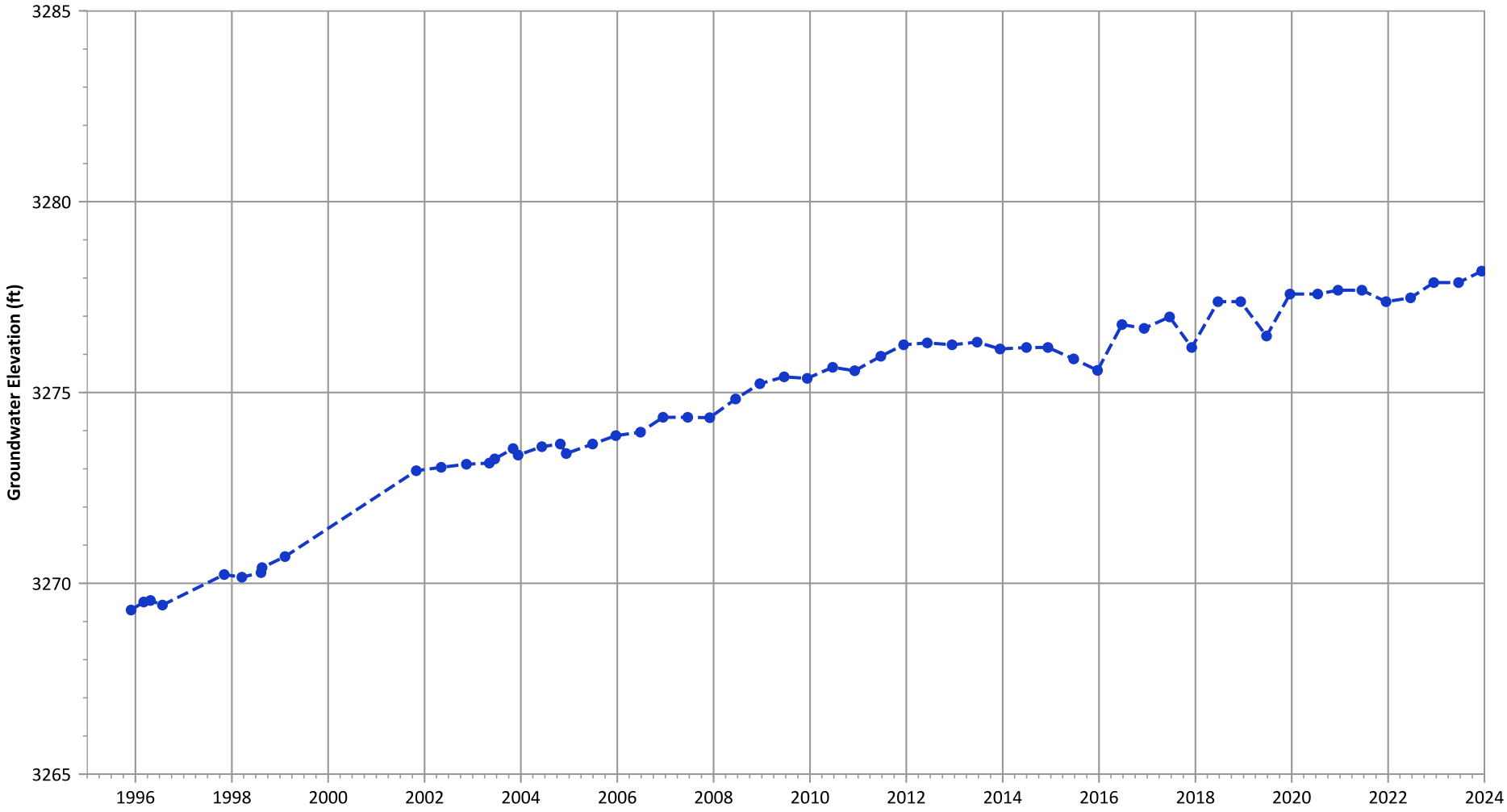
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): 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.

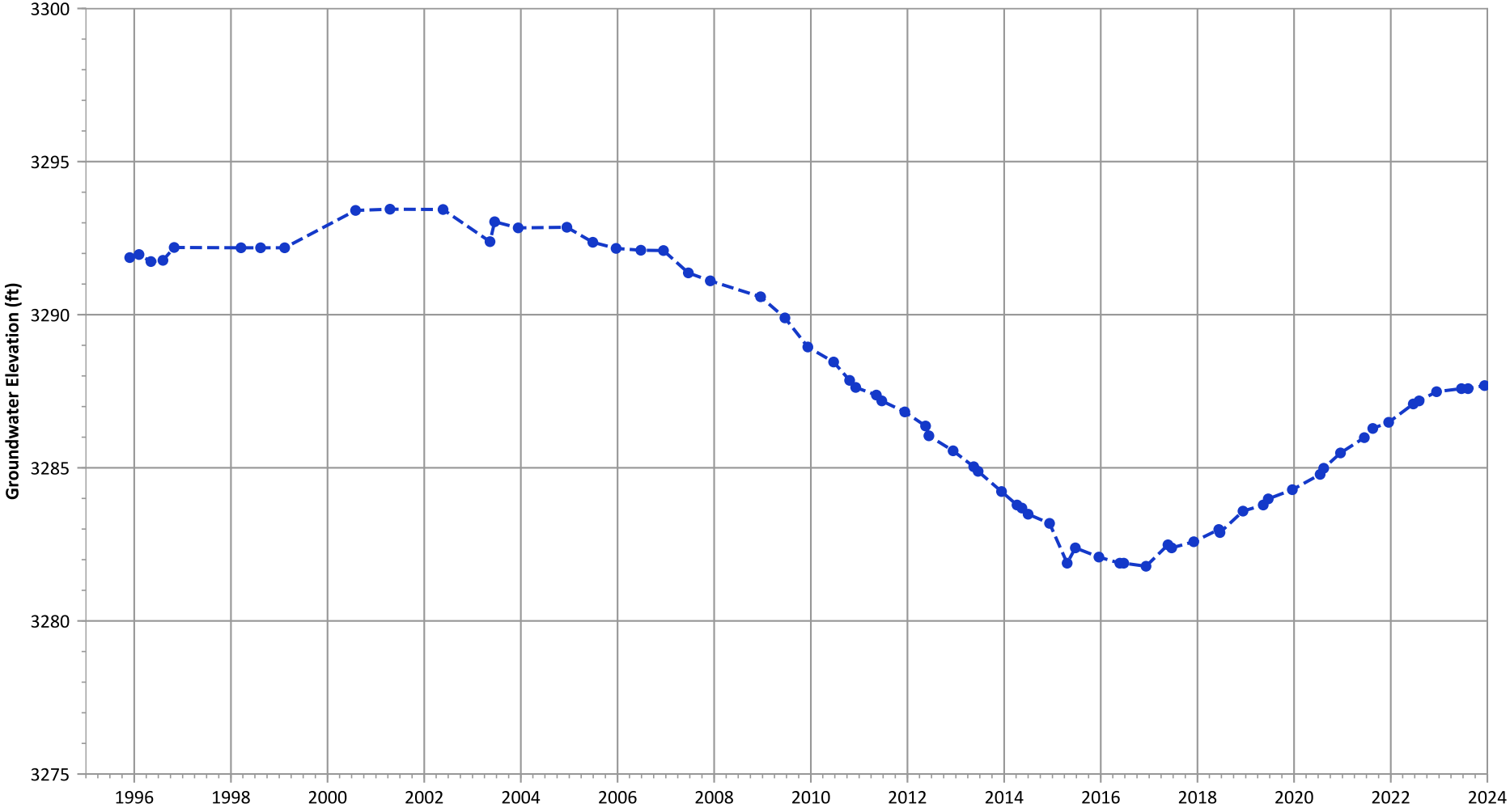
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.42 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.17 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: 12/19/2023

Groundwater Elevation
Bottom of Screen Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.39 ft/yr
Data (7/2009 - 12/2023): No Trend

Ogallala Aquifer Water Level Trends and Hydrographs

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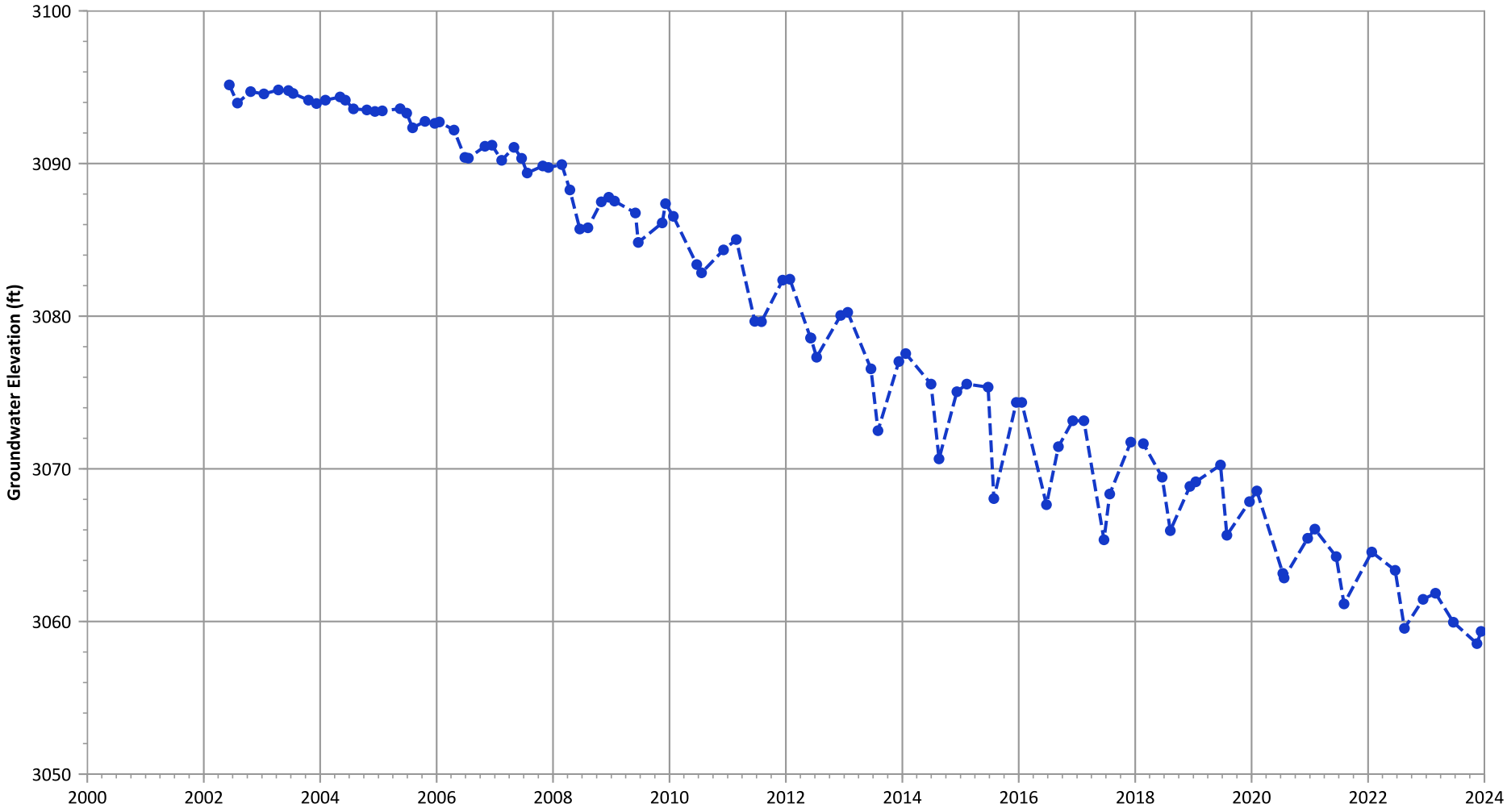
Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX01-1010	630576.88	3771397.26	100	-1.80	Decreasing	-35.8	8	-2.58	Decreasing	-5.2	58	-1.80	Decreasing	-26.76	19	-1.66	Decreasing	-12
PTX01-1011	629986.45	3771397.29	92	-1.73	Decreasing	-38.68	8	-3.95	Decreasing	-6.6	61	-1.86	Decreasing	-27.62	21	-1.83	Decreasing	-8.6
PTX01-1012	632664.21	3773264.13	80	-1.89	Decreasing	-33	6	1.22	Increasing	-2.1	54	-1.89	Decreasing	-22.56	18	-0.87	Decreasing	-9.7
PTX01-1013	628976.89	3773218.25	97	-1.90	Decreasing	-36.17	6	-1.61	Decreasing	-6.1	54	-1.90	Decreasing	-28.77	18	-1.23	Decreasing	-10
PTX06-1043	640711.00	3765225.21	82	-1.06	Decreasing	-23.68	8	-1.26	Decreasing	-2.5	57	-1.10	Decreasing	-14.3	20	-0.97	Decreasing	-5.5
PTX06-1044	642706.18	3764538.54	90	-1.71	Decreasing	-37.06	8	-2.09	Decreasing	-3.8	59	-1.76	Decreasing	-24.25	20	-1.47	Decreasing	-7.6
PTX06-1056	643767.03	3754642.87	112	-0.42	Decreasing	-8.26	14	-0.46	Decreasing	-0.6	78	-0.49	Decreasing	-6.24	26	-0.69	Decreasing	-2.4
PTX06-1057A	629630.04	3768142.23	77	-1.33	Decreasing	-29.09	6	-1.12	Decreasing	-2.4	46	-1.42	Decreasing	-19.94	17	-1.41	Decreasing	-6.3
PTX06-1058	624894.00	3759747.11	73	-0.44	Decreasing	-9.92	6	-0.15	Decreasing	0.5	43	-0.49	Decreasing	-6.24	15	-0.57	Decreasing	-2.15
PTX06-1059	628129.98	3760459.31	73	-0.98	Decreasing	-19.4	6	-0.70	Decreasing	-0.9	45	-0.98	Decreasing	-13.04	17	-1.01	Decreasing	-4.28
PTX06-1060	620969.93	3758599.72	68	0.18	Increasing	4.41	6	0.48	Increasing	0.7	47	0.19	Increasing	2.8	17	0.27	Increasing	1.3
PTX06-1061	625651.61	3773186.59	76	-1.86	Decreasing	-38.02	6	-1.06	Decreasing	-3	48	-1.95	Decreasing	-26.87	17	-2.02	Decreasing	-10.6
PTX06-1062A	633017.18	3771685.22	107	-1.64	Decreasing	-35.48	8	-3.23	Decreasing	-4.7	62	-1.74	Decreasing	-24.79	21	-1.77	Decreasing	-9.8
PTX06-1064	635900.45	3773557.90	97	-1.52	Decreasing	-32.14	7	-1.54	Decreasing	-2.1	58	-1.67	Decreasing	-23.4	20	-1.92	Decreasing	-8.9
PTX06-1068	643403.70	3773360.30	106	-1.71	Decreasing	-38.4	8	-2.61	Decreasing	-5.1	66	-1.68	Decreasing	-24.88	23	-2.25	Decreasing	-10.3
PTX06-1072	635047.45	3758434.63	81	-0.75	Decreasing	-16.82	7	-0.73	Decreasing	-1.5	59	-0.72	Decreasing	-10.59	21	-0.80	Decreasing	-4
PTX06-1075	630512.54	3753624.01	73	0.13	Increasing	1.94	6	0.19	Increasing	0.4	46	0.12	Increasing	2.41	17	0.07	No Trend	0.3
PTX06-1076	637327.32	3752978.41	93	0.11	Increasing	1.25	10	-0.15	Decreasing	-0.4	64	0.13	Increasing	1.97	23	0.09	No Trend	0.4
PTX06-1137A	647900.89	3758635.67	61	-1.43	Decreasing	-20.7	8	-1.83	Decreasing	-2.9	60	-1.43	Decreasing	-19.97	22	-1.36	Decreasing	-6.1
PTX06-1138	646285.31	3760503.82	62	-1.31	Decreasing	-18.38	8	-1.52	Decreasing	-2.6	61	-1.32	Decreasing	-18.18	23	-1.26	Decreasing	-5.9
PTX06-1139	646768.73	3756376.08	62	-0.87	Decreasing	-11.69	9	-0.57	Decreasing	-1.1	61	-0.87	Decreasing	-12.21	22	-0.57	Decreasing	-2.8
PTX06-1140	646959.38	3762807.67	62	-2.20	Decreasing	-29.71	8	-1.61	Decreasing	-2.6	61	-2.21	Decreasing	-29.14	22	-1.86	Decreasing	-8.6
PTX06-1141	633445.44	3766872.94	57	-1.36	Decreasing	-19.54	6	-1.45	Decreasing	-2.8	56	-1.37	Decreasing	-18.85	20	-1.48	Decreasing	-7.1
PTX06-1143	639244.72	3770496.78	63	-1.38	Decreasing	-18.33	9	-1.57	Decreasing	-2.9	62	-1.40	Decreasing	-18.92	22	-1.47	Decreasing	-7
PTX06-1144	640252.98	3773320.45	61	-1.37	Decreasing	-19.54	8	-2.39	Decreasing	-4.5	60	-1.38	Decreasing	-21.2	22	-1.75	Decreasing	-8.2
PTX06-1157	647101.97	3753701.98	61	-0.12	Decreasing	-0.72	9	-0.07	No Trend	-0.3	61	-0.12	Decreasing	-0.72	22	-0.24	Decreasing	-1
PTX06-1223	642669.67	3753673.34	2	0.00	N/A (<3 Measurements)	-0.3	2	0.00	N/A (<3 Measurements)	-0.3	2	0.00	N/A (<3 Measurements)	-0.3	0	0.00	N/A (No Measurements)	-999
PTX06-1224	644065.72	3754118.10	2	0.00	N/A (<3 Measurements)	-11.05	2	0.00	N/A (<3 Measurements)	-11.05	2	0.00	N/A (<3 Measurements)	-11.05	0	0.00	N/A (No Measurements)	-999
PTX07-1R01	627914.28	3764159.91	80	-1.16	Decreasing	-26.75	7	-1.13	Decreasing	-2.6	56	-1.23	Decreasing	-16.85	20	-1.27	Decreasing	-5.2

PTX01-1010 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

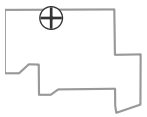


Notes:
1. Top of screen elevation is 3104.01 ft msl.
2. The bottom of screen elevation is 2729.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

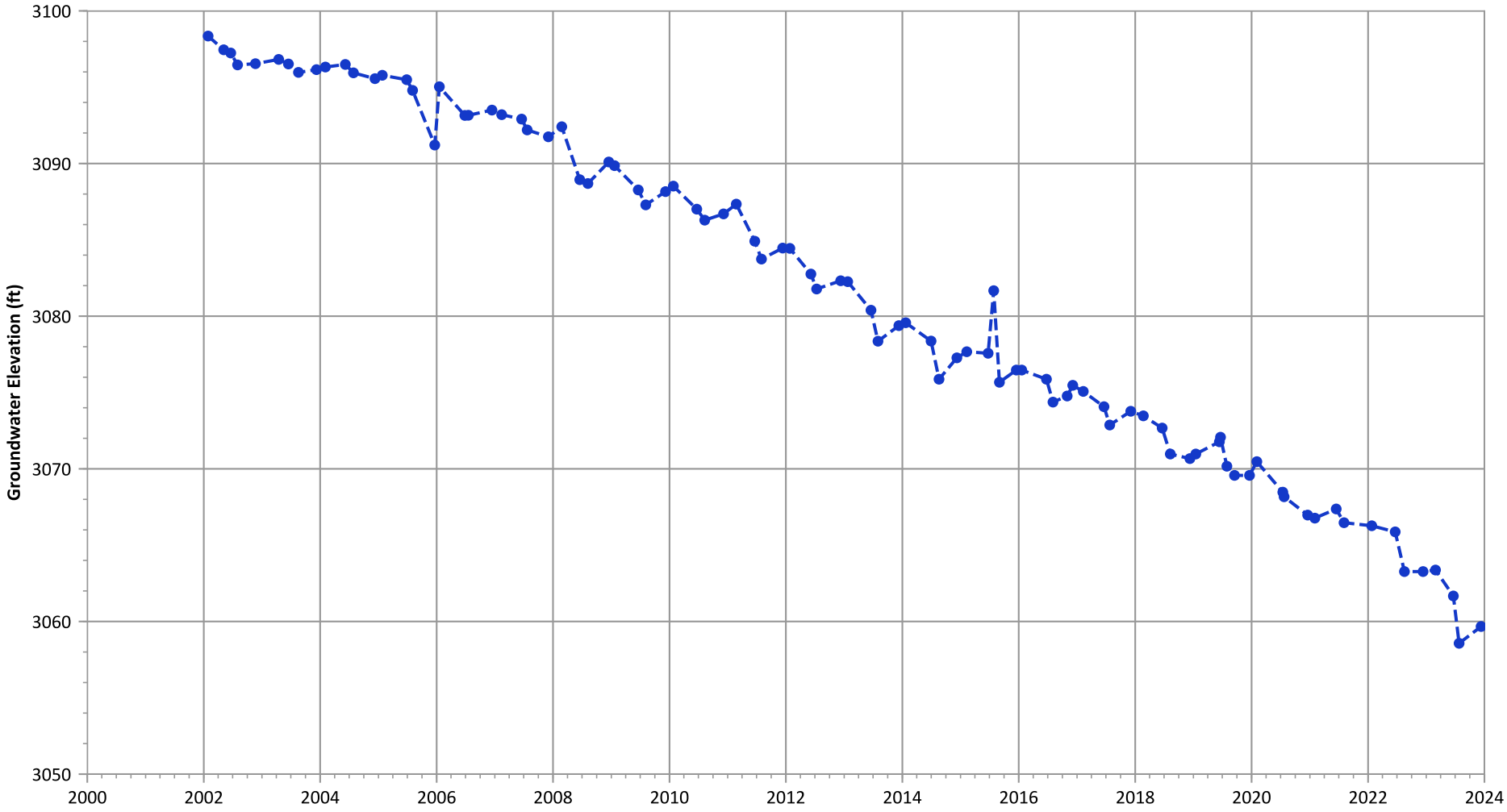
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.58 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.8 ft/yr

PTX01-1011 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

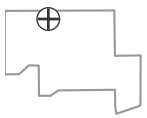


Notes:
1. Top of screen elevation is 3107.81 ft msl.
2. The bottom of screen elevation is 2782.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

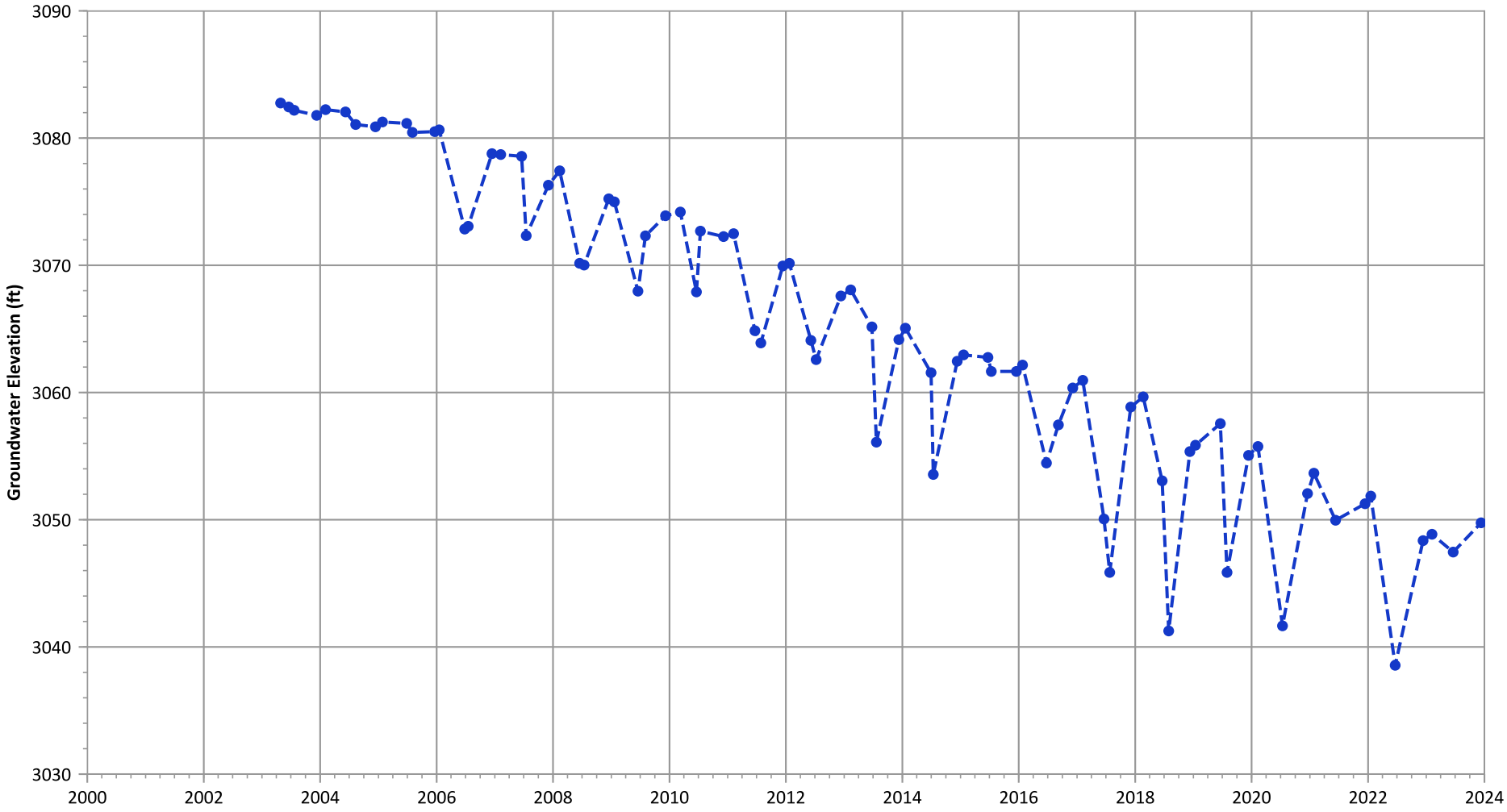
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.95 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.86 ft/yr

PTX01-1012 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

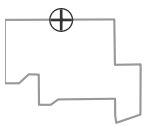


Notes:
1. Top of screen elevation is 3112.48 ft msl.
2. The bottom of screen elevation is 2677.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

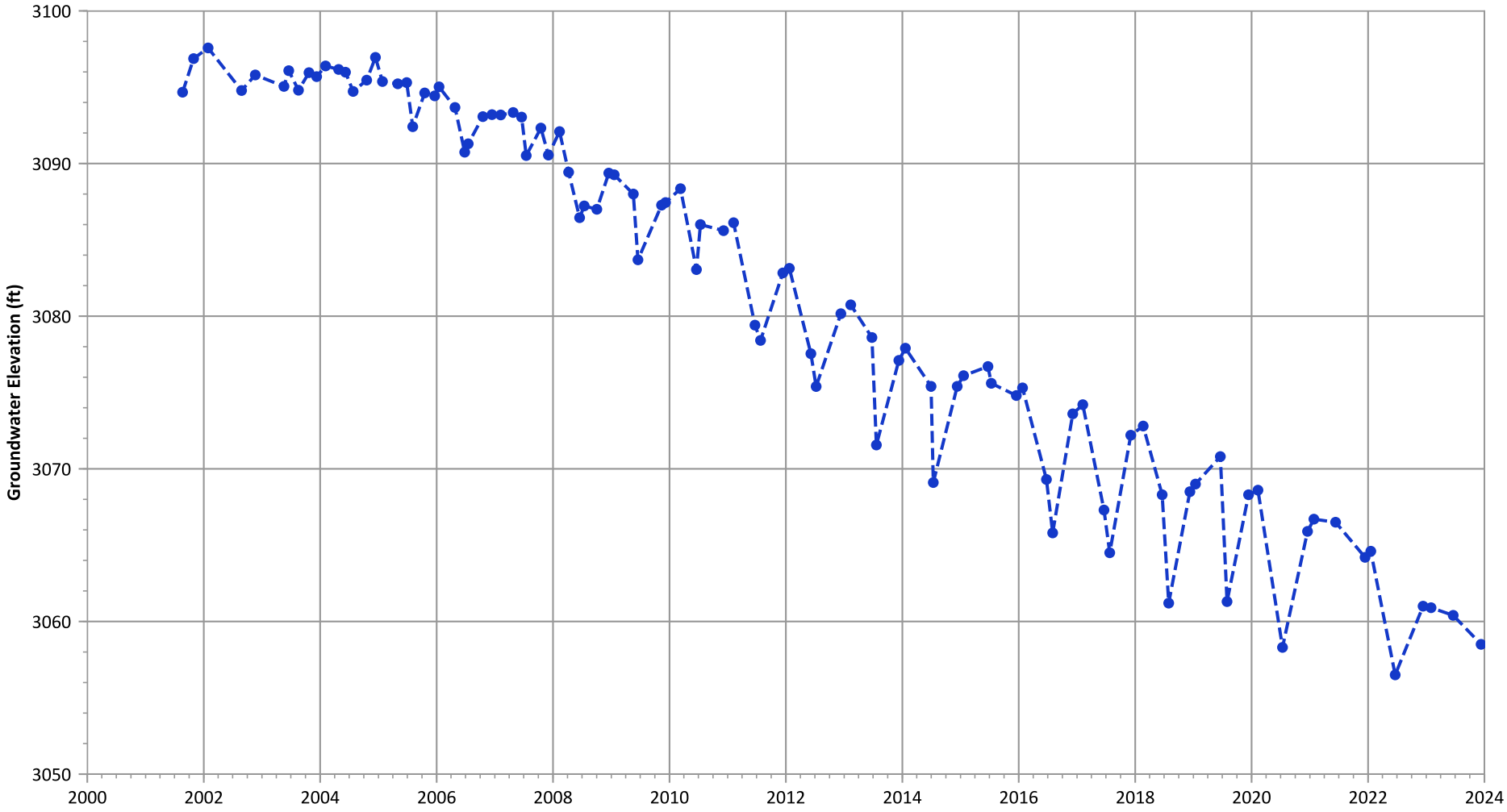
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 1.22 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.89 ft/yr

PTX01-1013 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

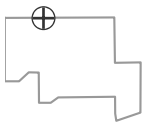


Notes:
1. Top of screen elevation is 3122.17 ft msl.
2. The bottom of screen elevation is 2717.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

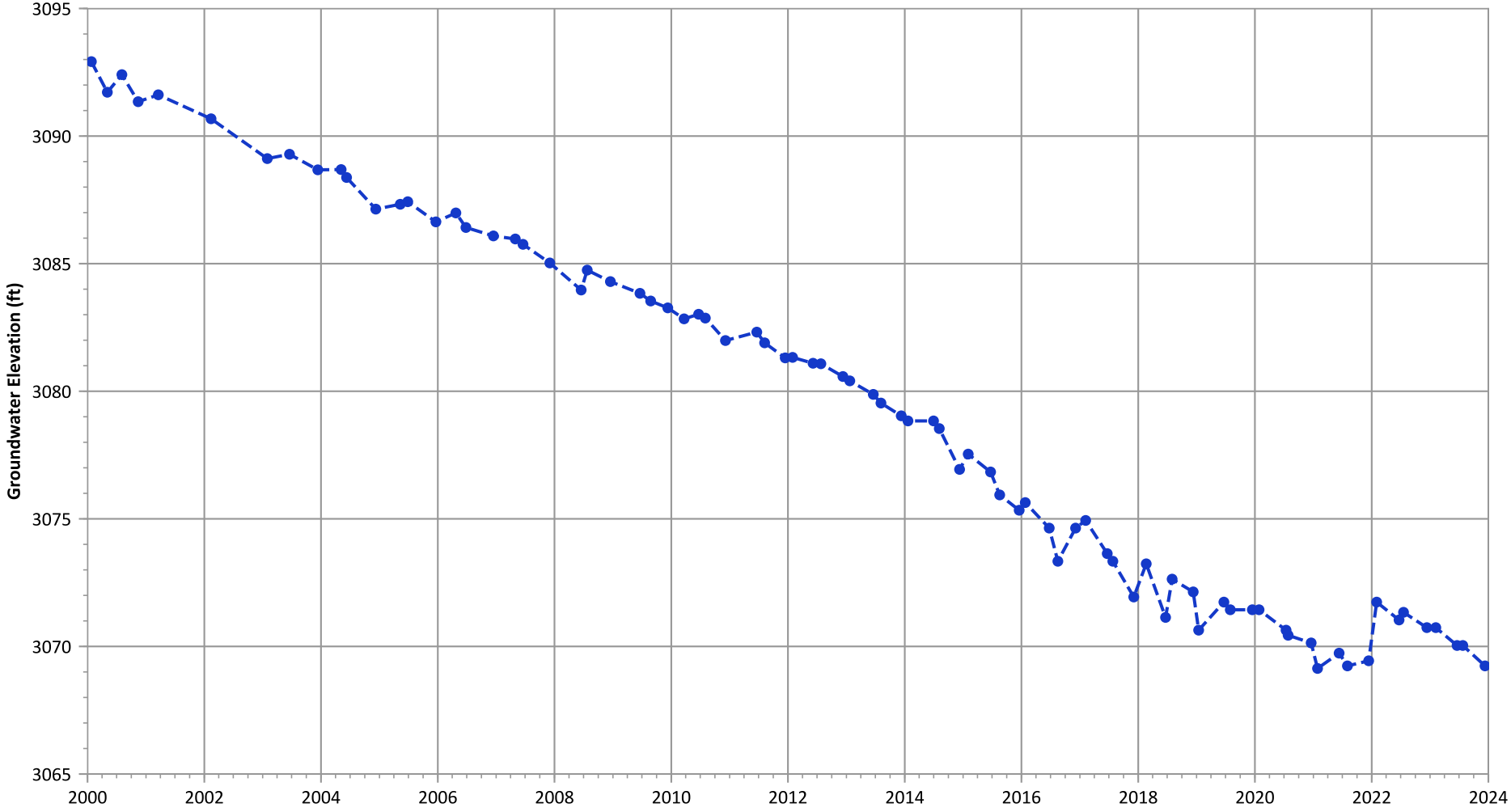
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.61 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.9 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.

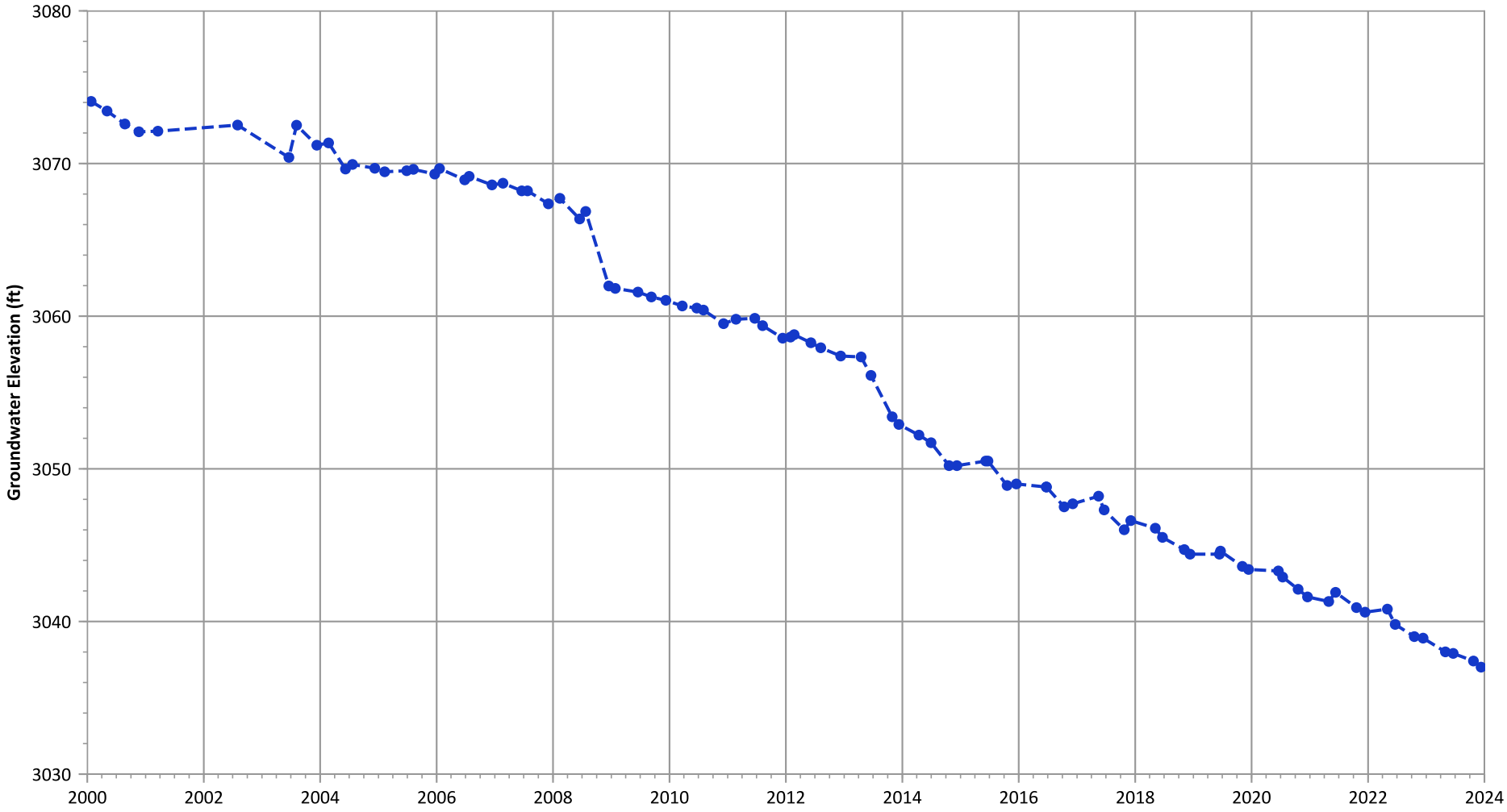
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.26 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.1 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.

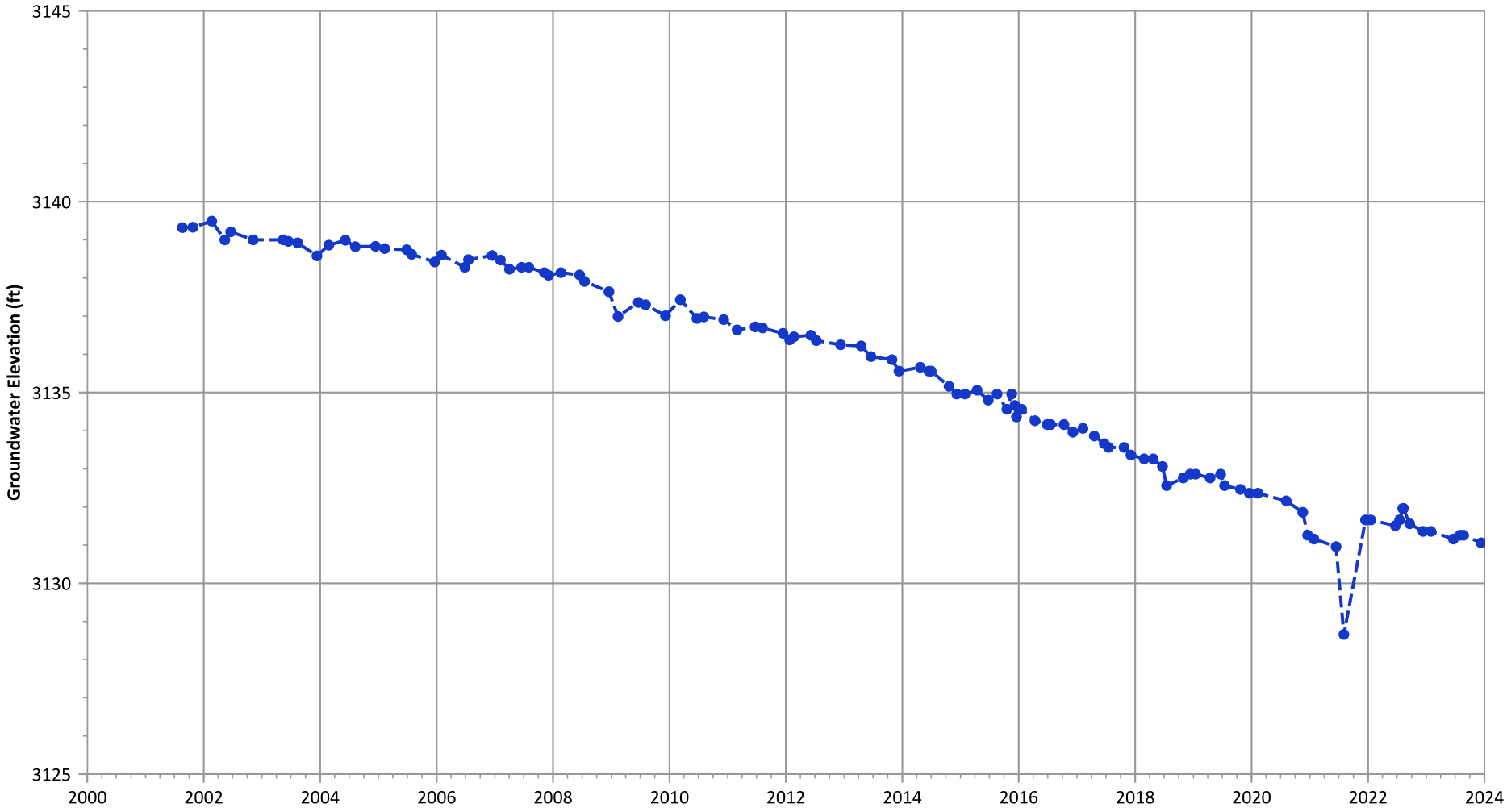
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.09 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.76 ft/yr

PTX06-1056 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

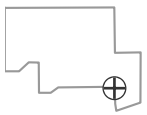


Notes:
1. Top of screen elevation is 3180.77 ft msl.
2. The bottom of screen elevation is 3060.77 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

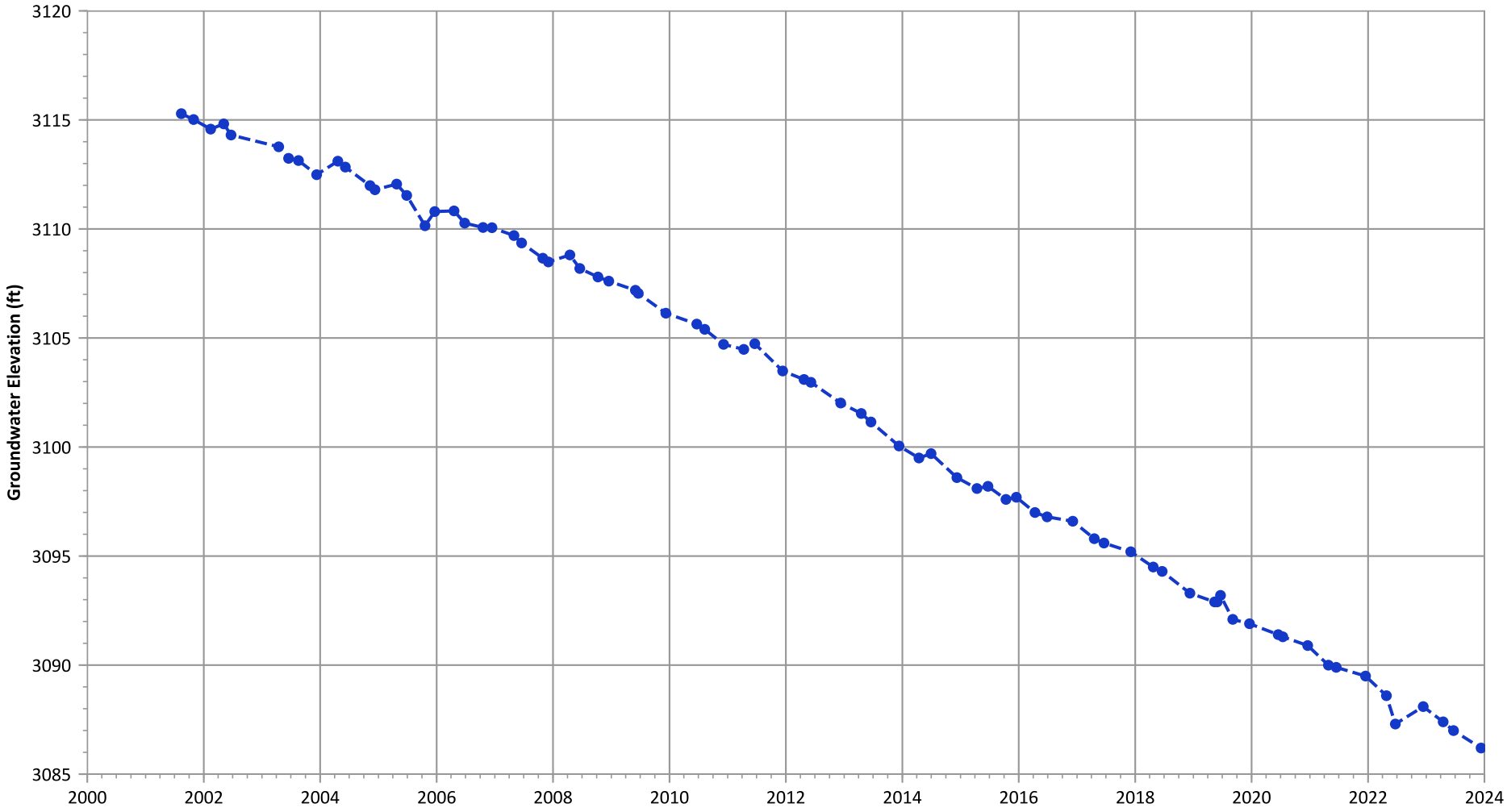
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.46 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.49 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.

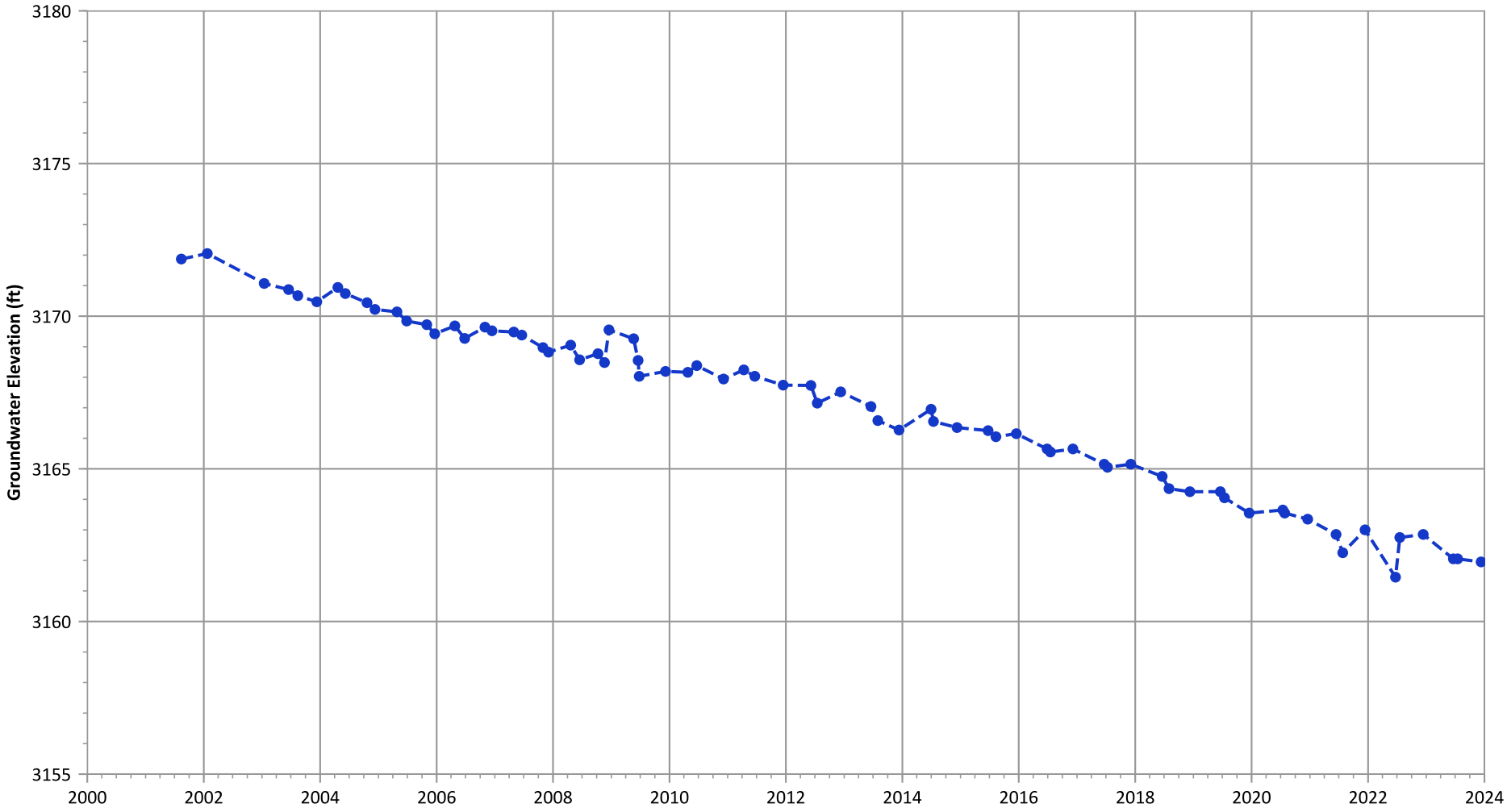
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.12 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.42 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.

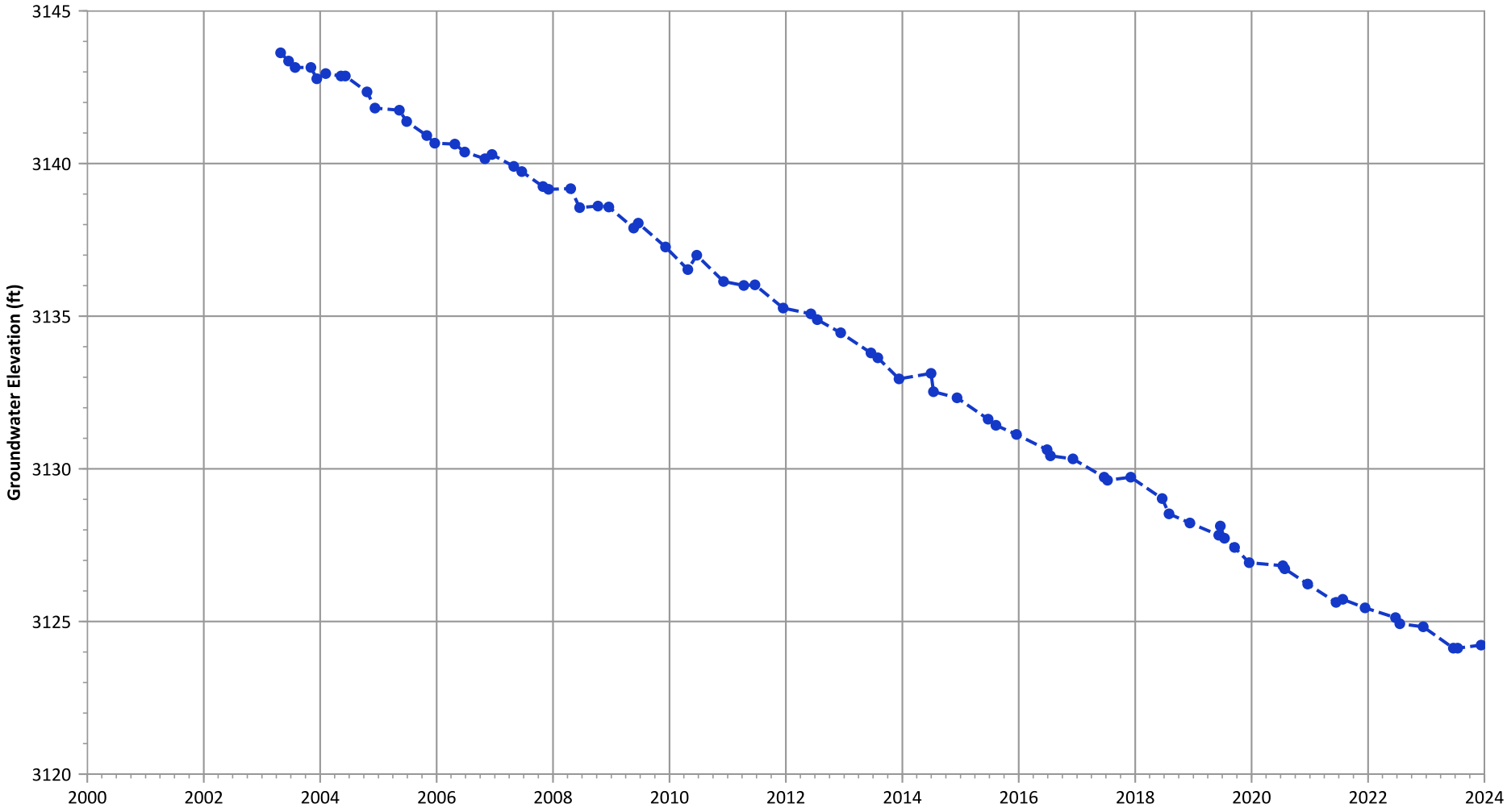
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.15 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.49 ft/yr

PTX06-1059 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

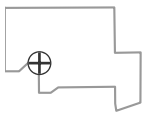


Notes:
1. Top of screen elevation is 3167.39 ft msl.
2. The bottom of screen elevation is 3007.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

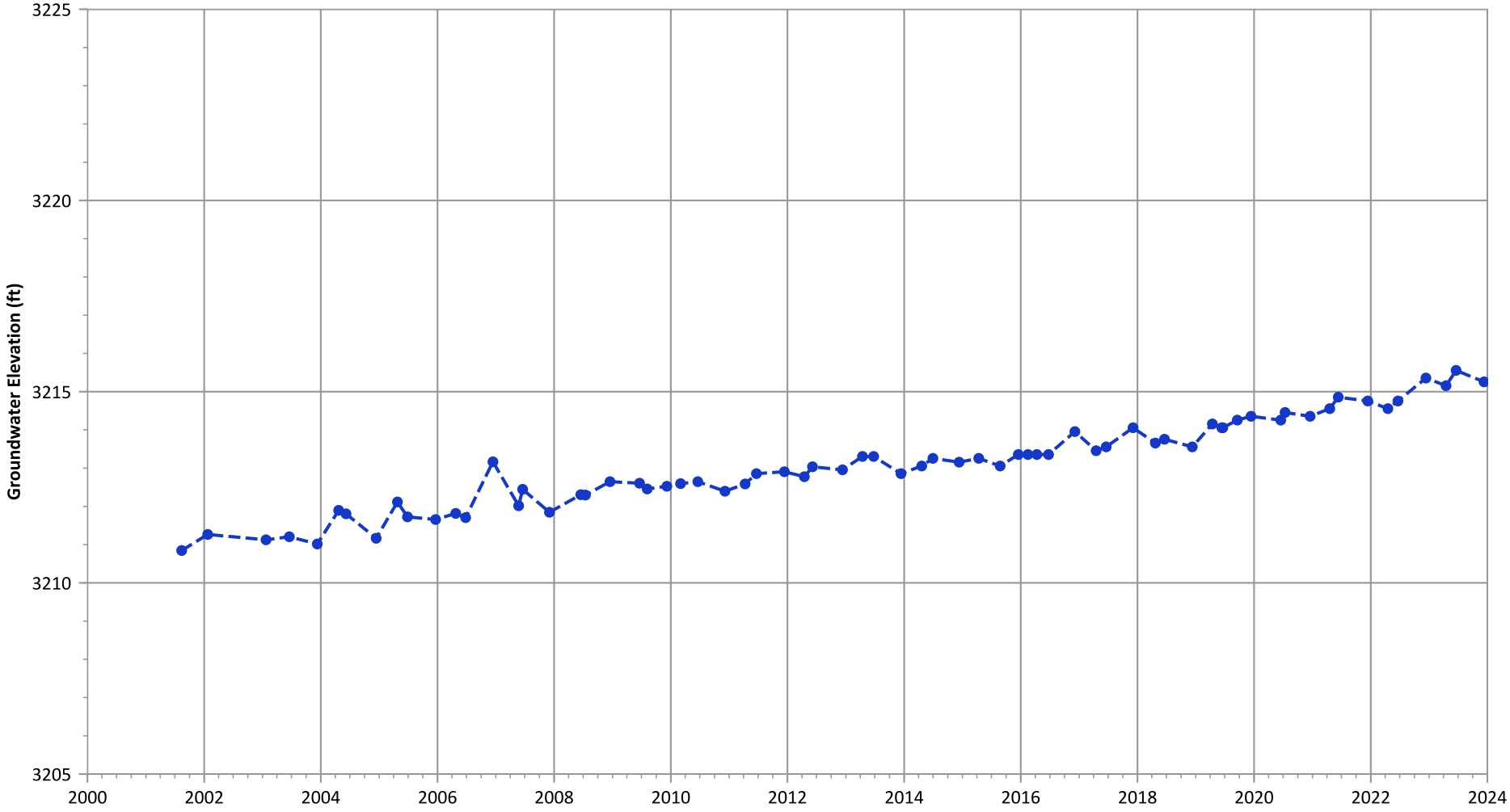
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.7 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.98 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.

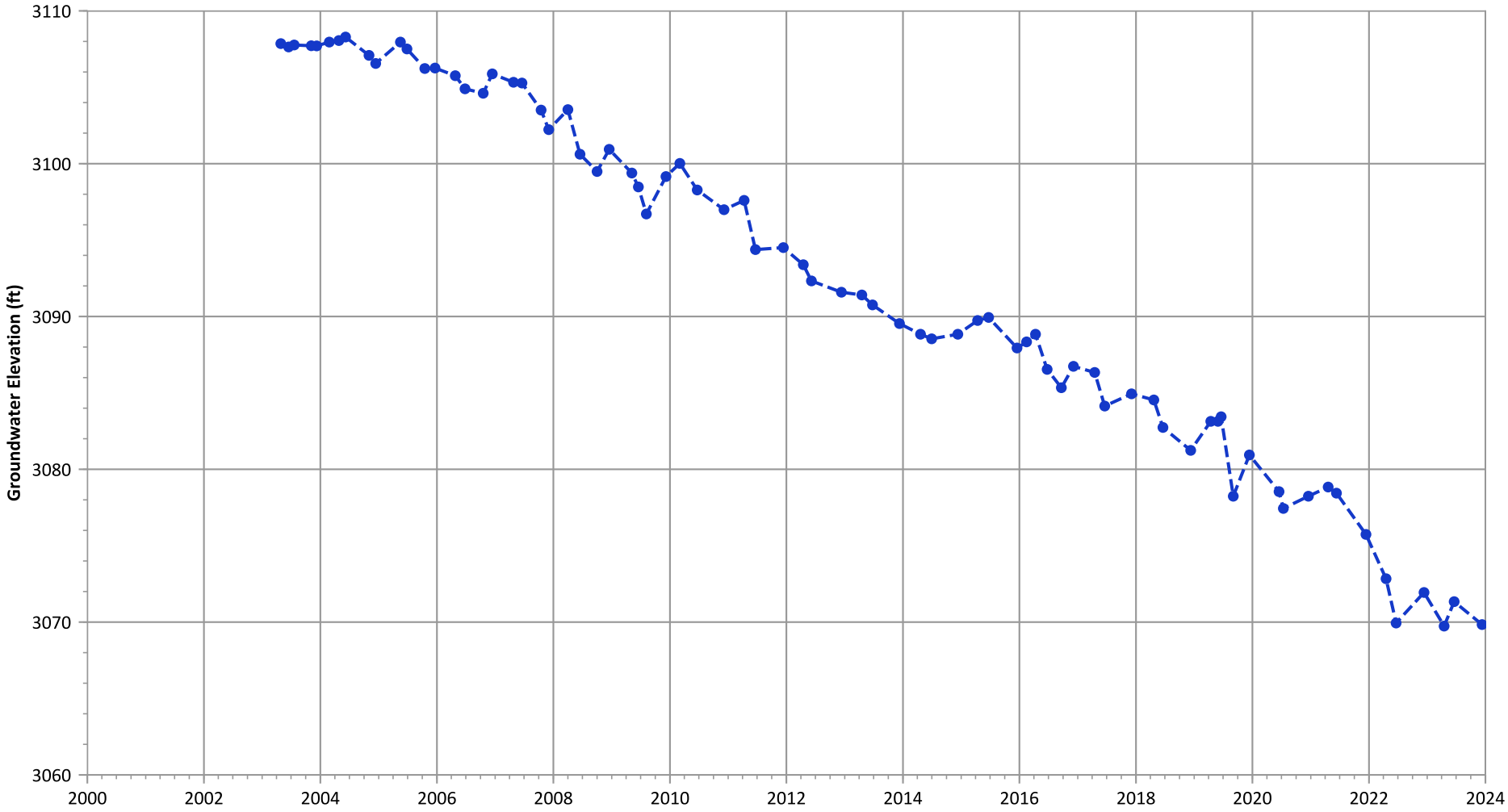
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.48 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.19 ft/yr

PTX06-1061 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

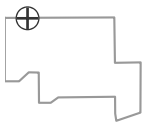


Notes:
1. Top of screen elevation is 3124.65 ft msl.
2. The bottom of screen elevation is 2729.65 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

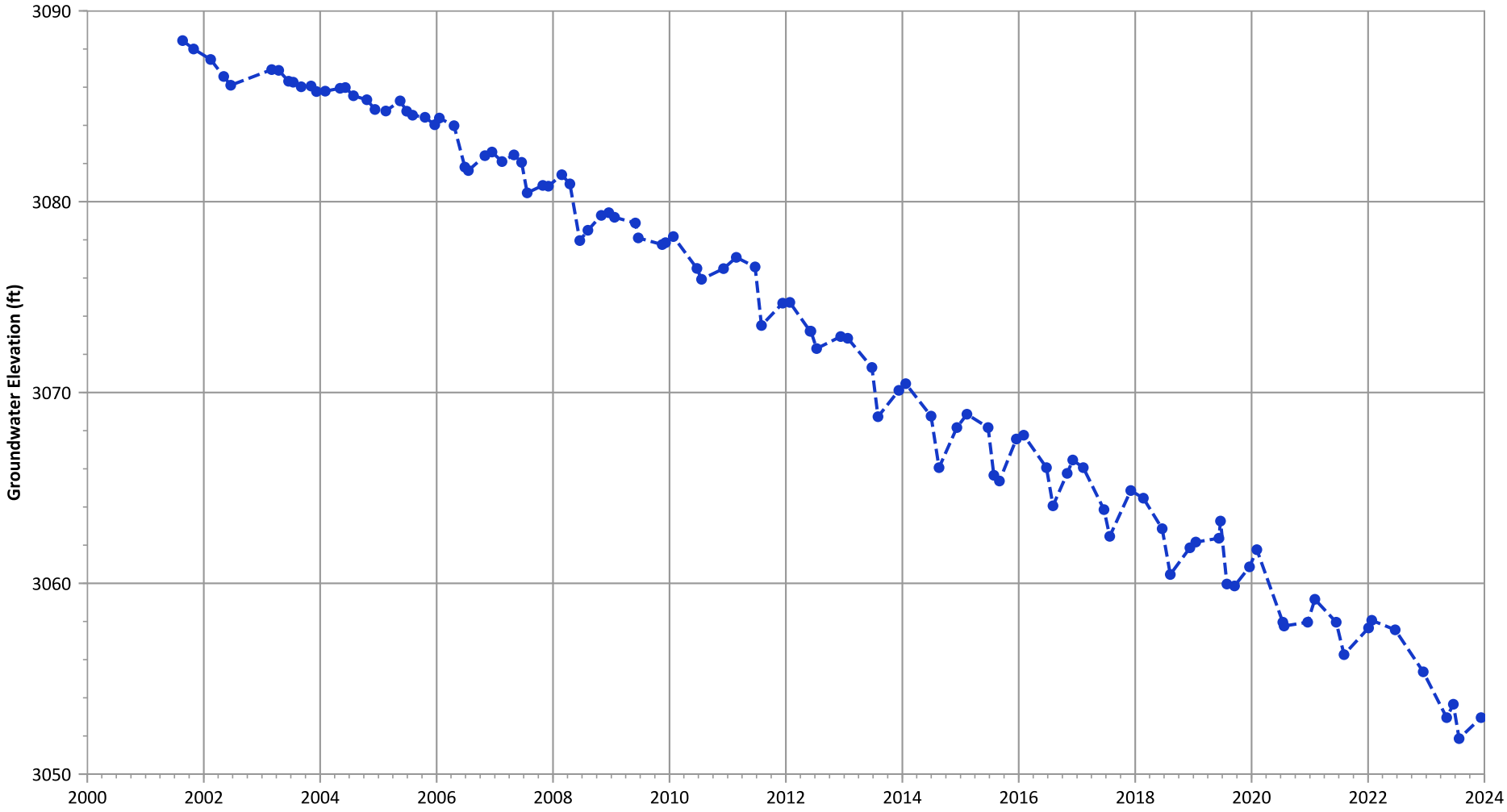
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.06 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.95 ft/yr

PTX06-1062A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

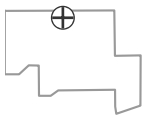


Notes:
1. Top of screen elevation is 3103.89 ft msl.
2. The bottom of screen elevation is 2683.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

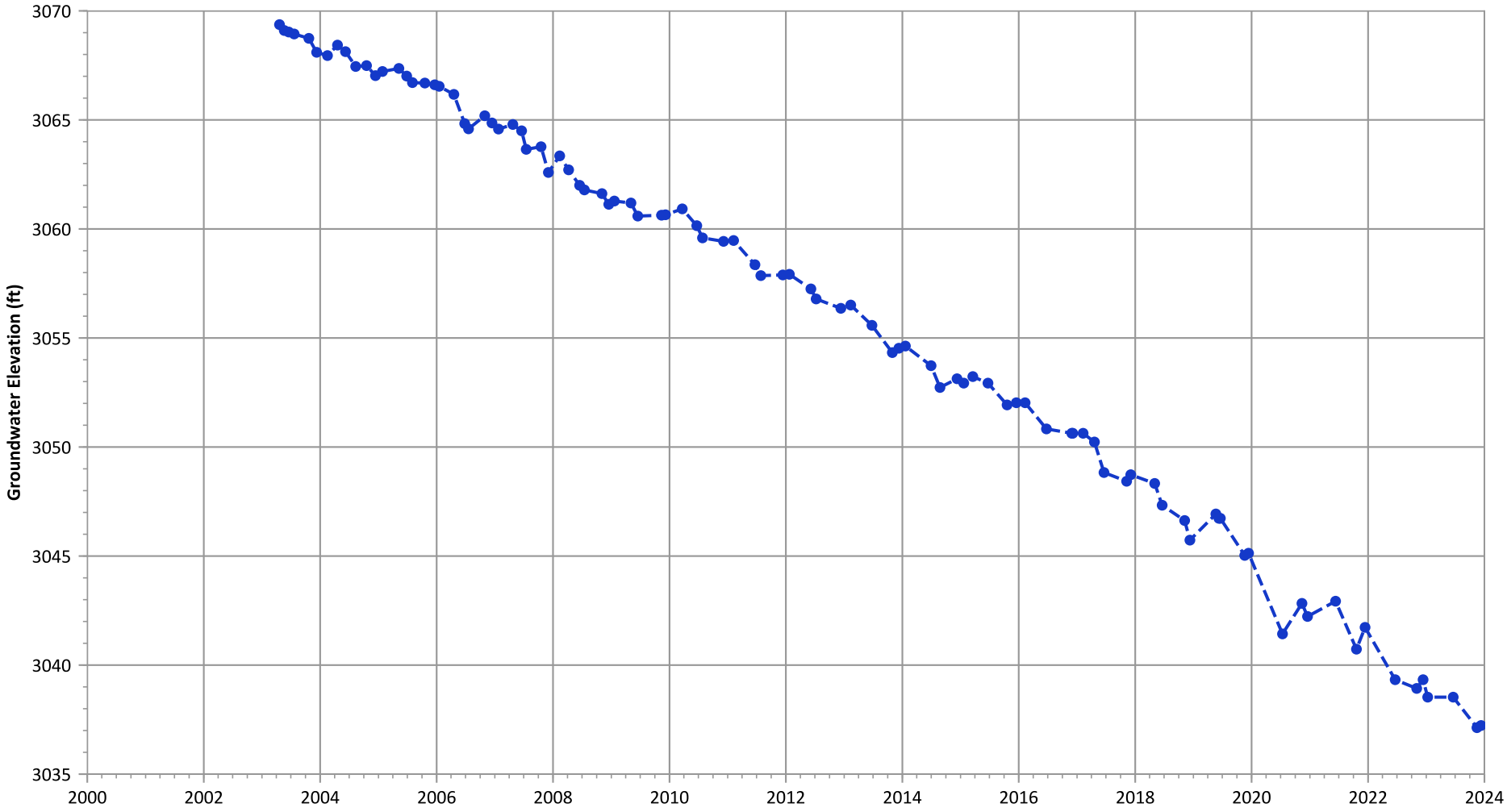
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 3.23 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.74 ft/yr

PTX06-1064 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

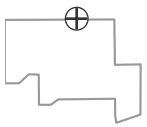


Notes:
1. Top of screen elevation is 3121.99 ft msl.
2. The bottom of screen elevation is 2771.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

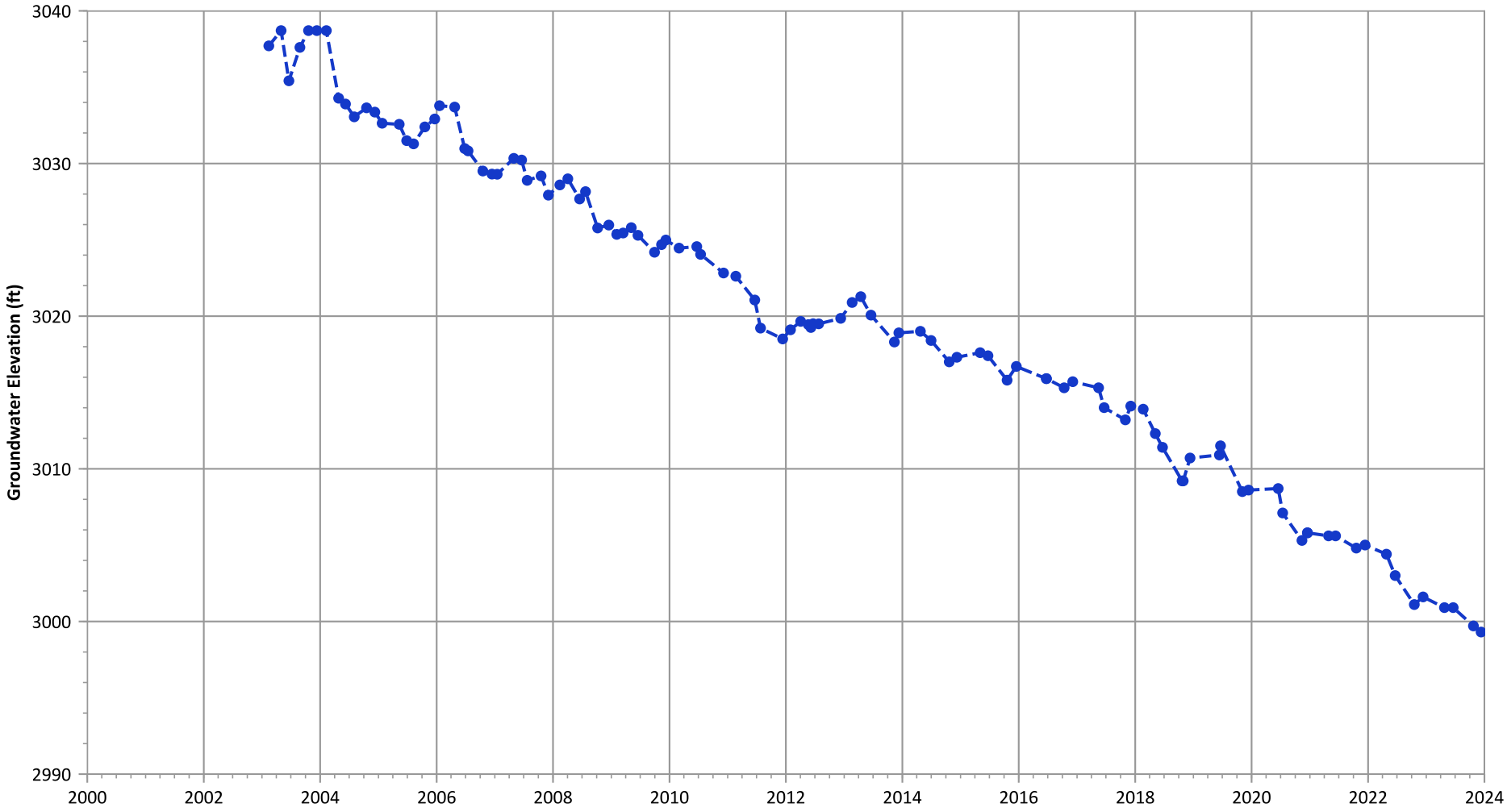
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.54 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.67 ft/yr

PTX06-1068 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

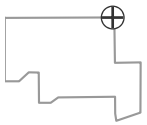


Notes:
1. Top of screen elevation is 3081.55 ft msl.
2. The bottom of screen elevation is 2736.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

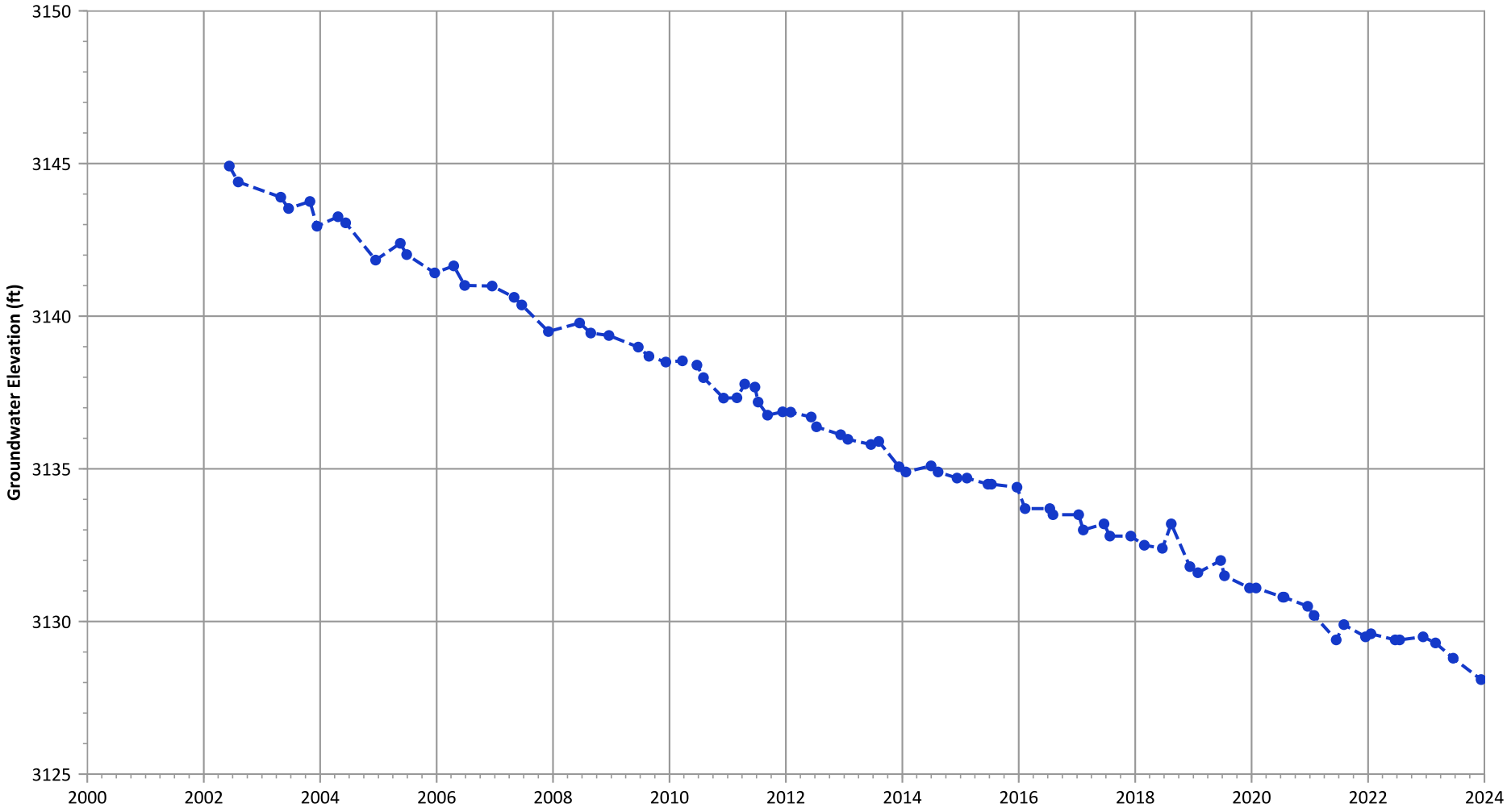
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.61 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.68 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.

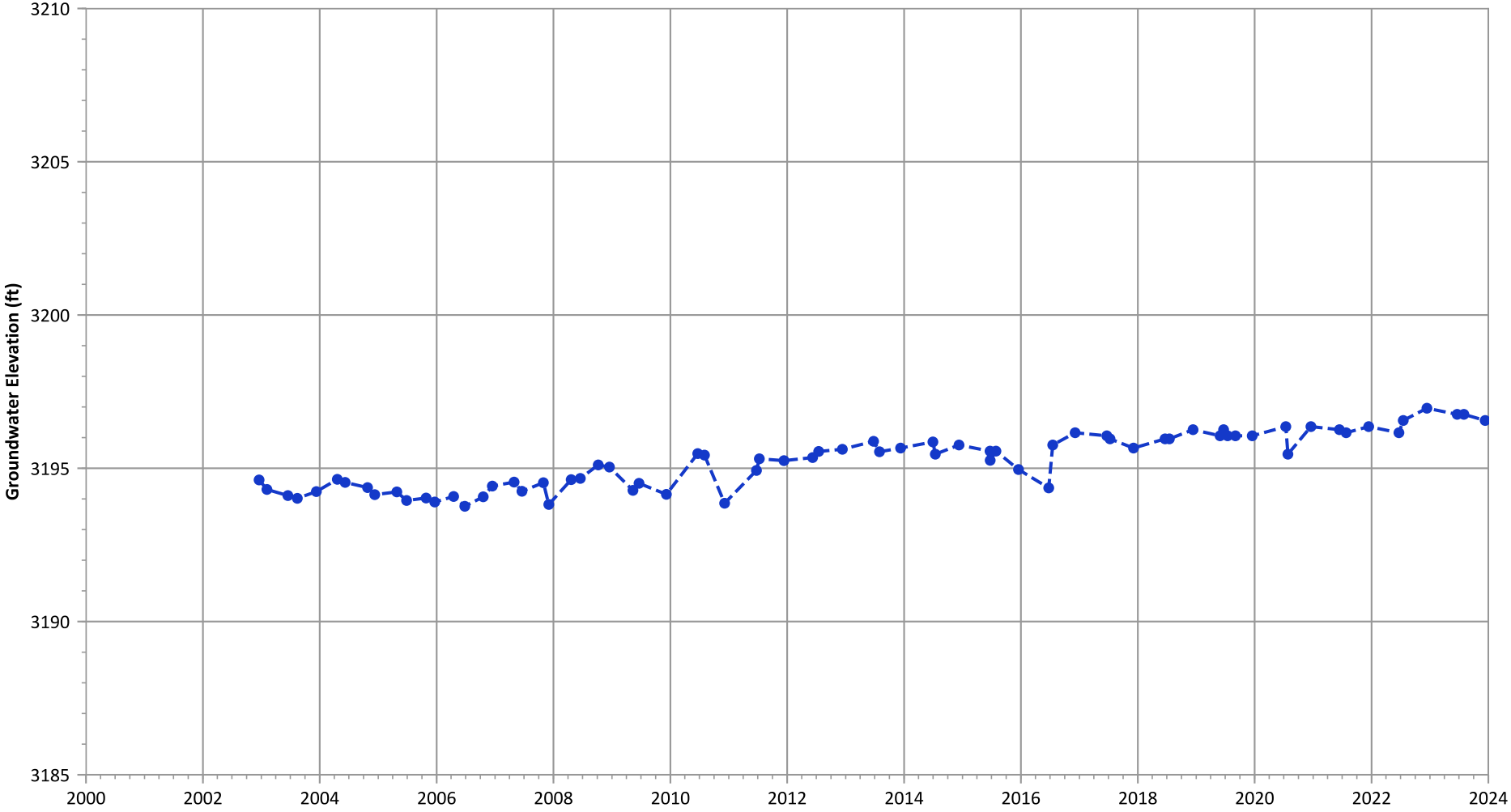
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.73 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.72 ft/yr

PTX06-1075 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

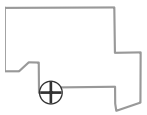


Notes:
1. Top of screen elevation is 3193.11 ft msl.
2. The bottom of screen elevation is 3133.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

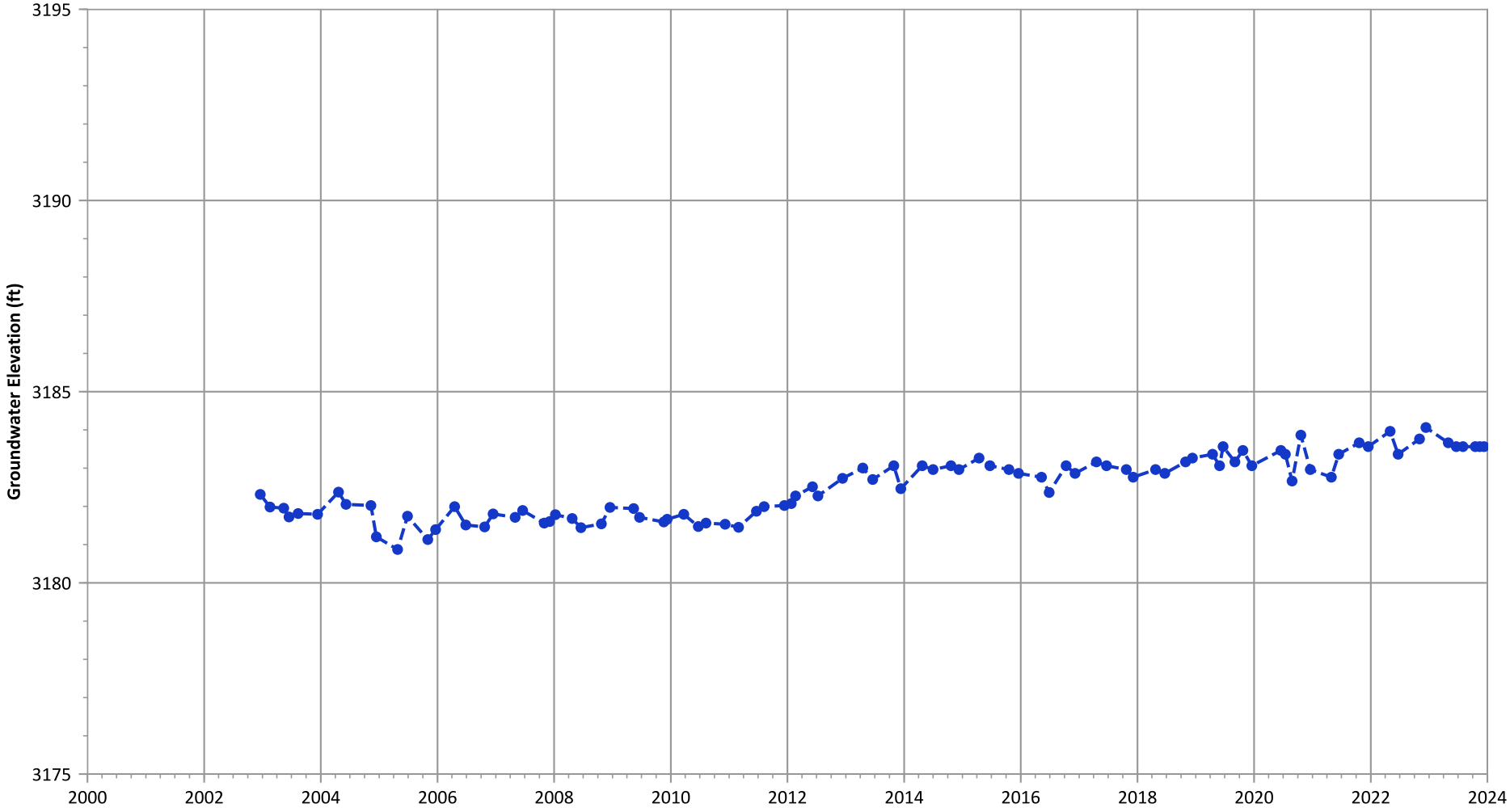
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Increasing at 0.19 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.12 ft/yr

PTX06-1076 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

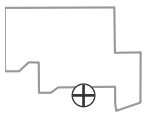


Notes:
1. Top of screen elevation is 3187.64 ft msl.
2. The bottom of screen elevation is 3167.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

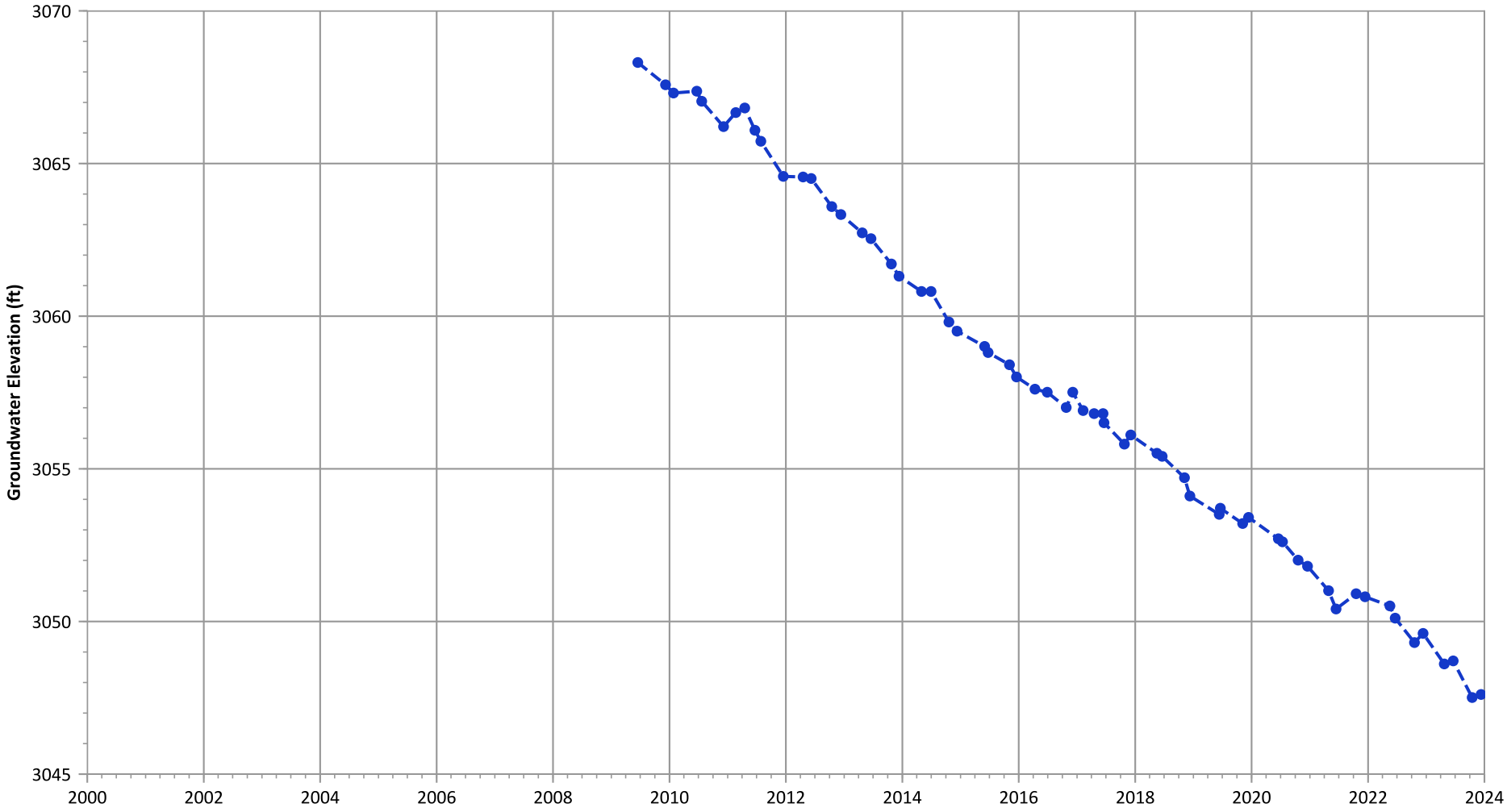
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.15 ft/yr
Data (7/2009 - 12/2023): Increasing at 0.13 ft/yr

PTX06-1137A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

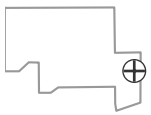


Notes:
1. Top of screen elevation is 3107.5 ft msl.
2. The bottom of screen elevation is 2952.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

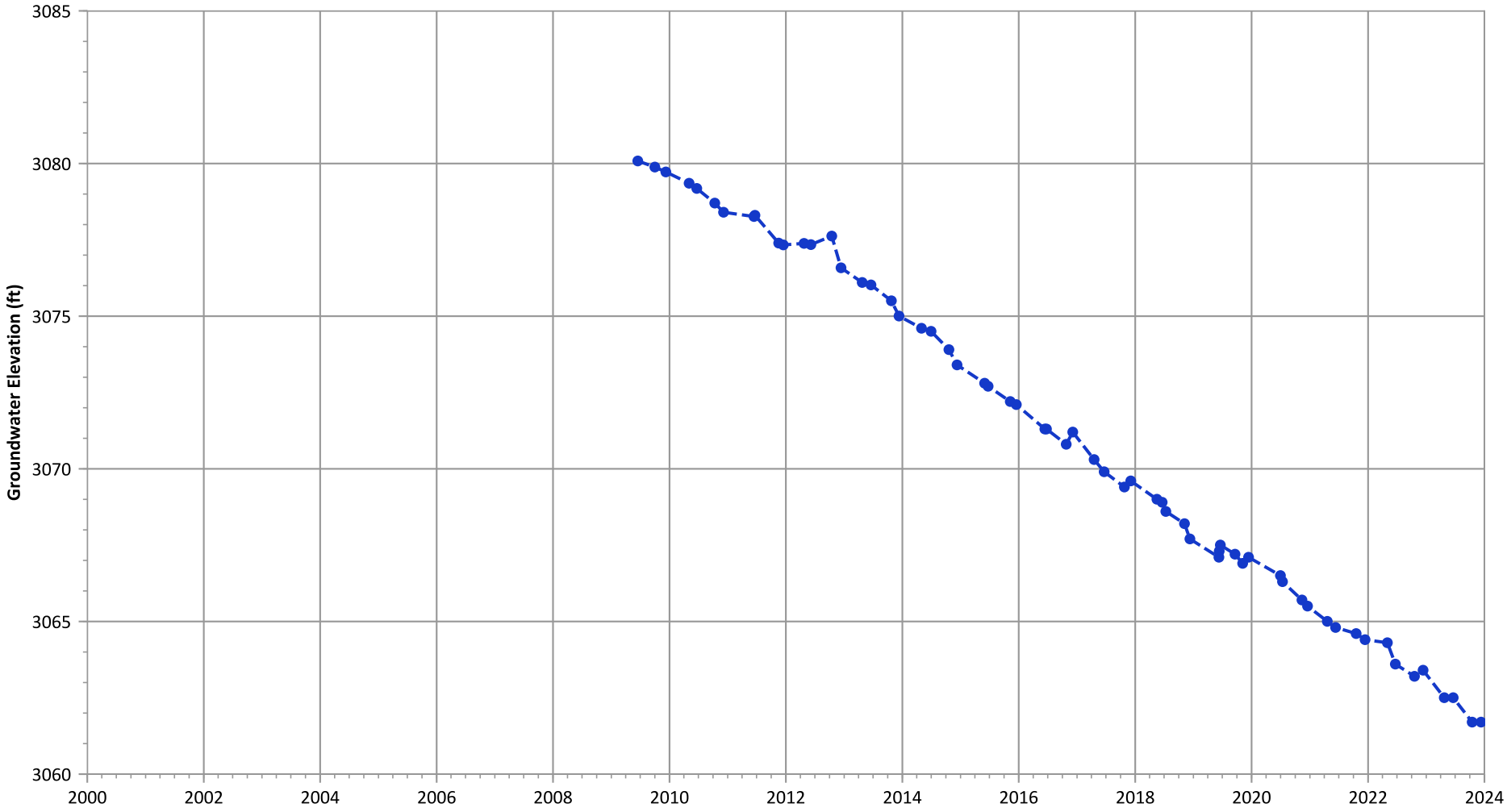
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.83 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.43 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.

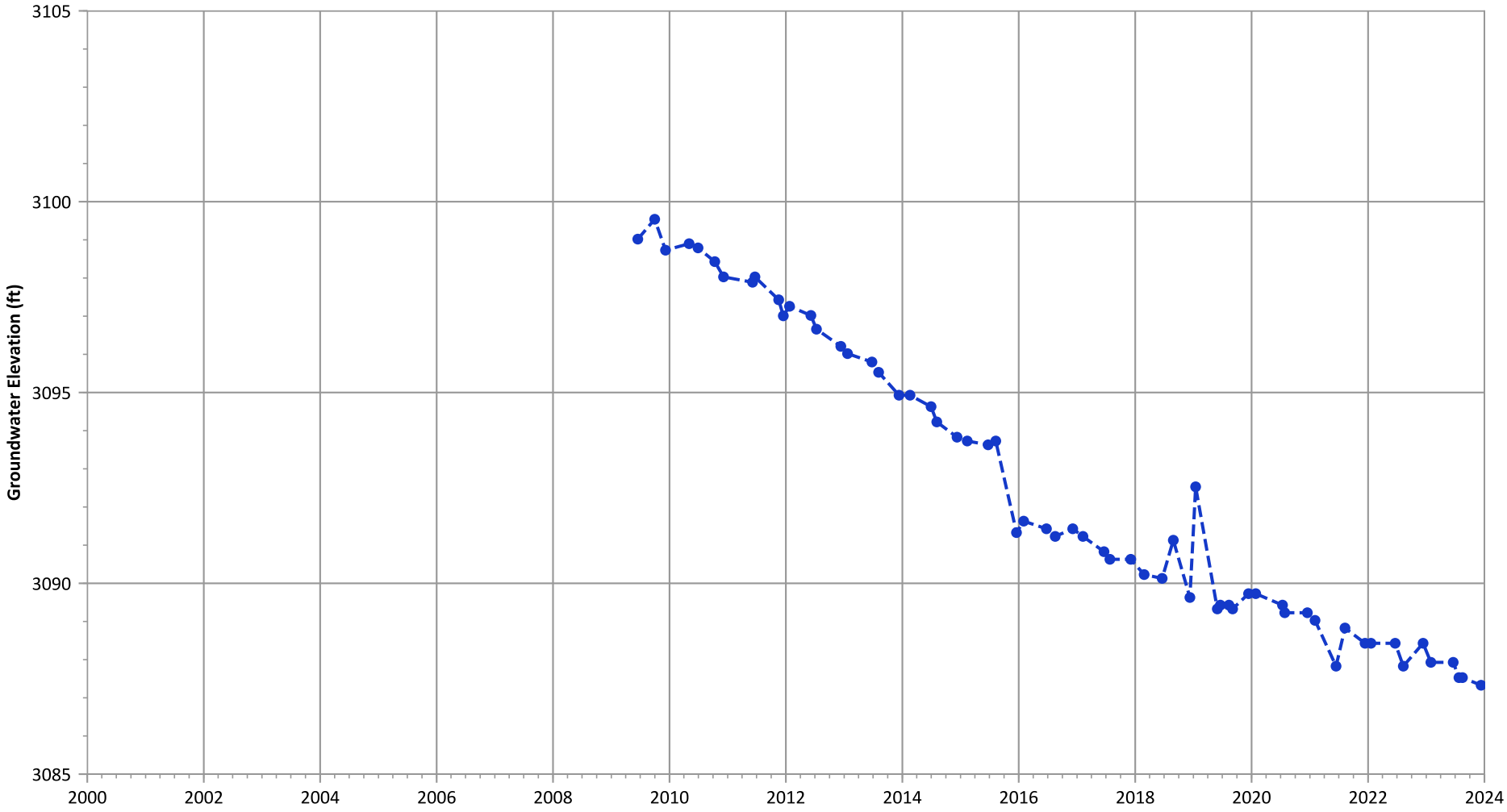
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.52 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.32 ft/yr

PTX06-1139 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

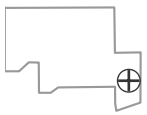


Notes:
1. Top of screen elevation is 3129.41 ft msl.
2. The bottom of screen elevation is 2979.41 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

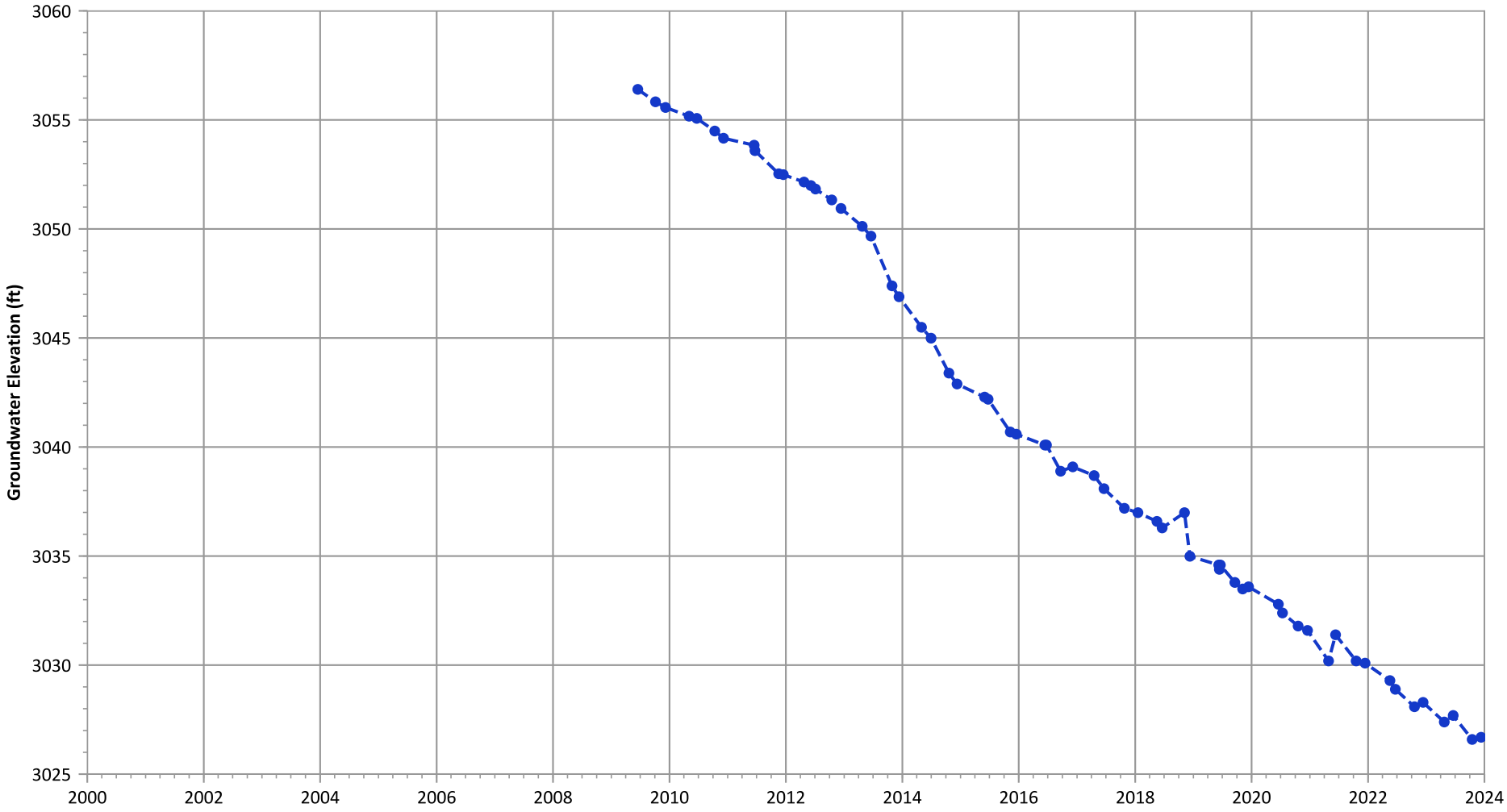
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 0.57 ft/yr
Data (7/2009 - 12/2023): Decreasing at 0.87 ft/yr

PTX06-1140 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

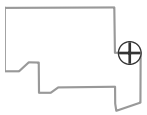


Notes:
1. Top of screen elevation is 3067.33 ft msl.
2. The bottom of screen elevation is 2847.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

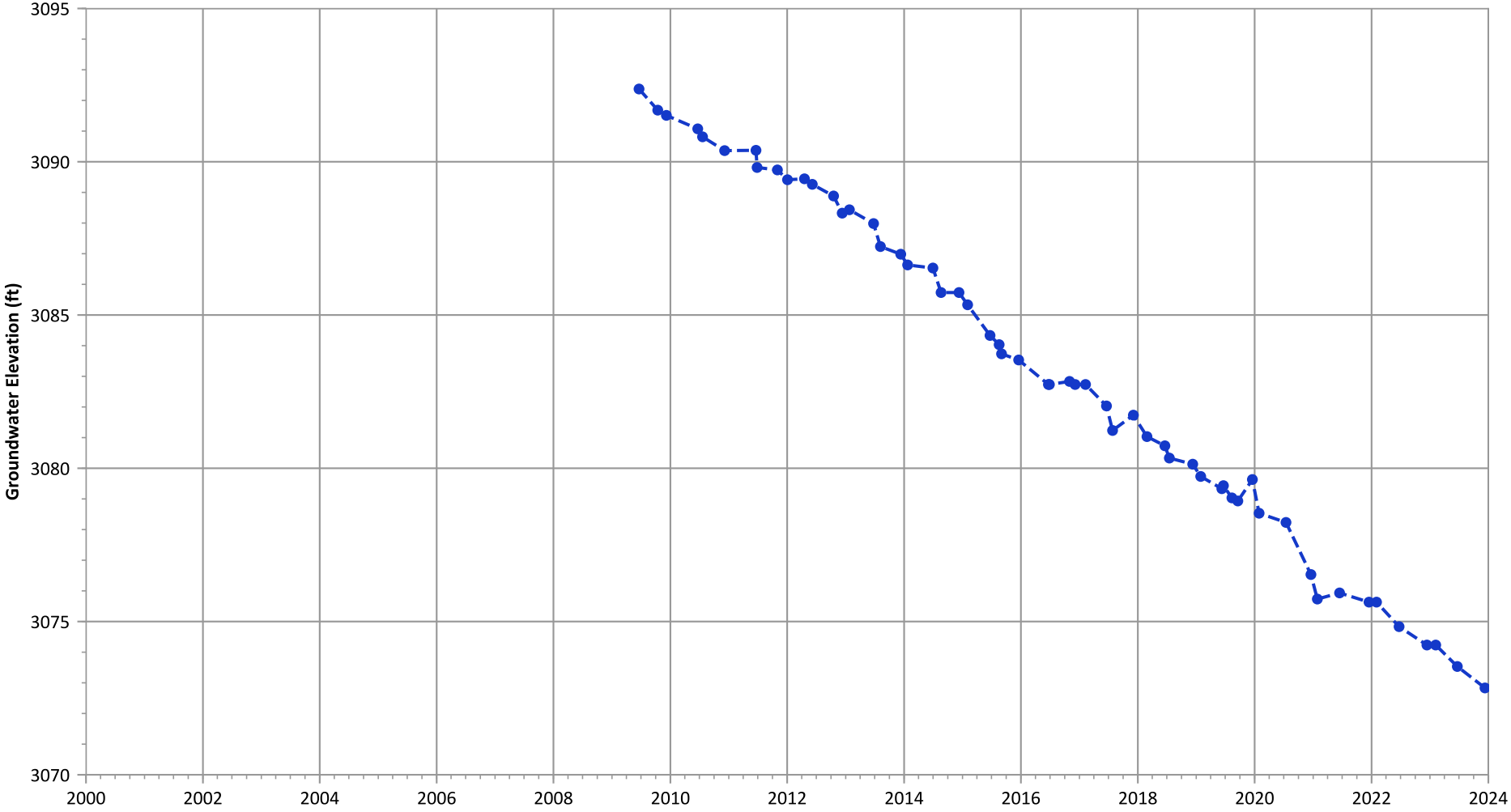
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.61 ft/yr
Data (7/2009 - 12/2023): Decreasing at 2.21 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.

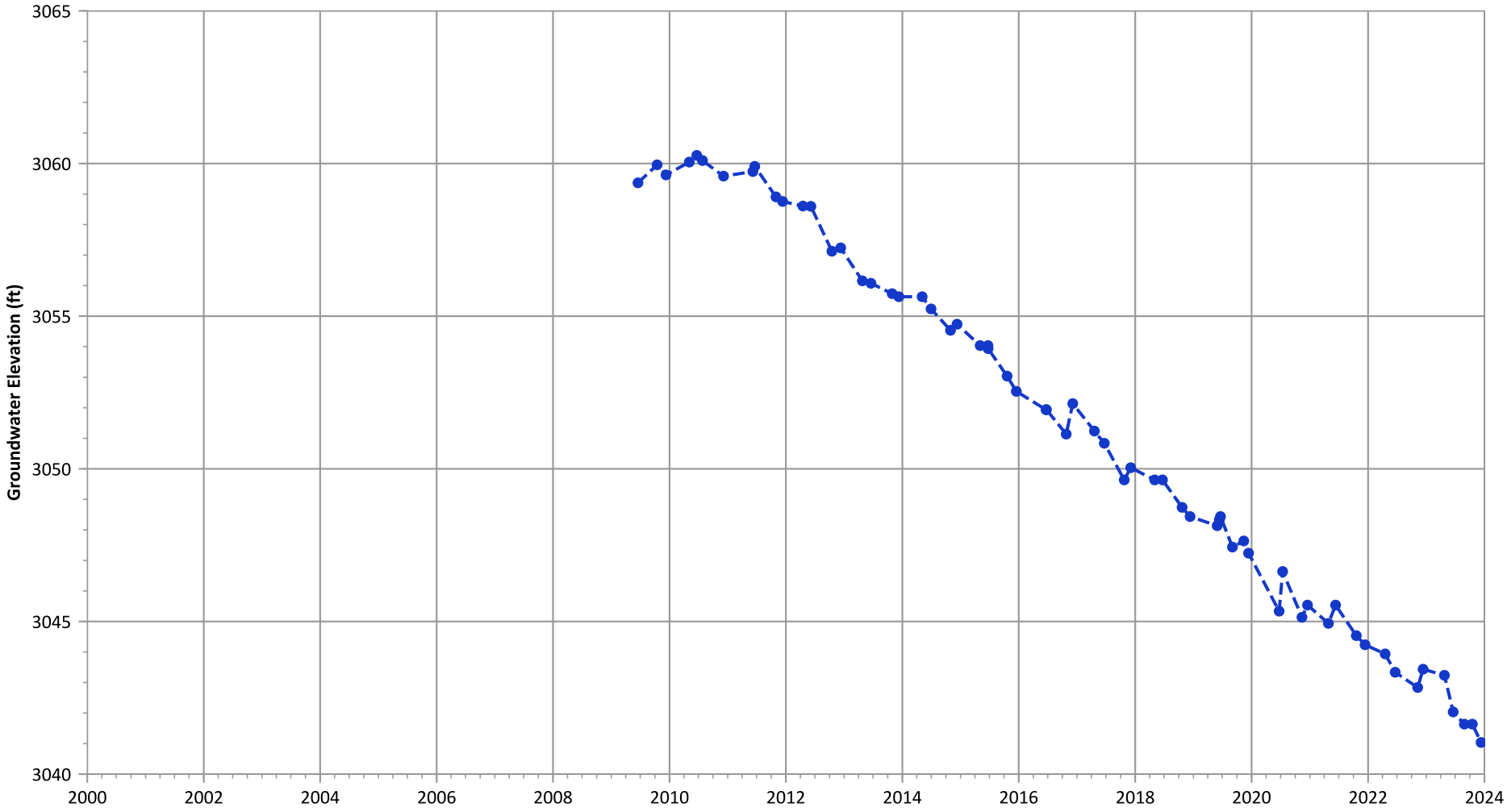
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.45 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.37 ft/yr

PTX06-1143 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

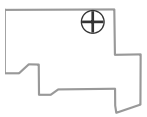


Notes:
1. Top of screen elevation is 3065.99 ft msl.
2. The bottom of screen elevation is 2765.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

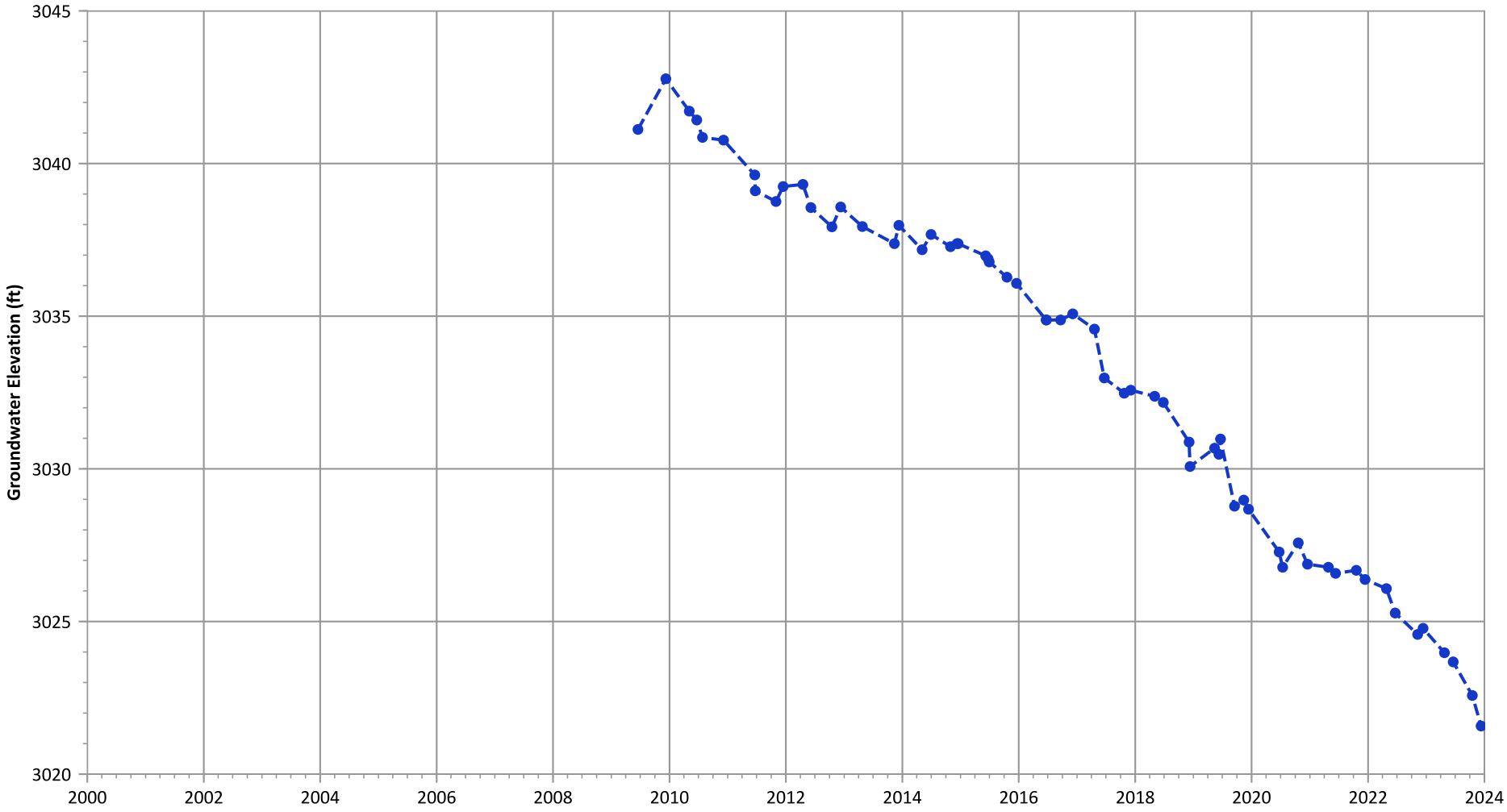
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.57 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.4 ft/yr

PTX06-1144 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

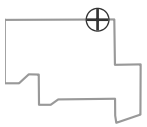


Notes:
1. Top of screen elevation is 3041.34 ft msl.
2. The bottom of screen elevation is 2726.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

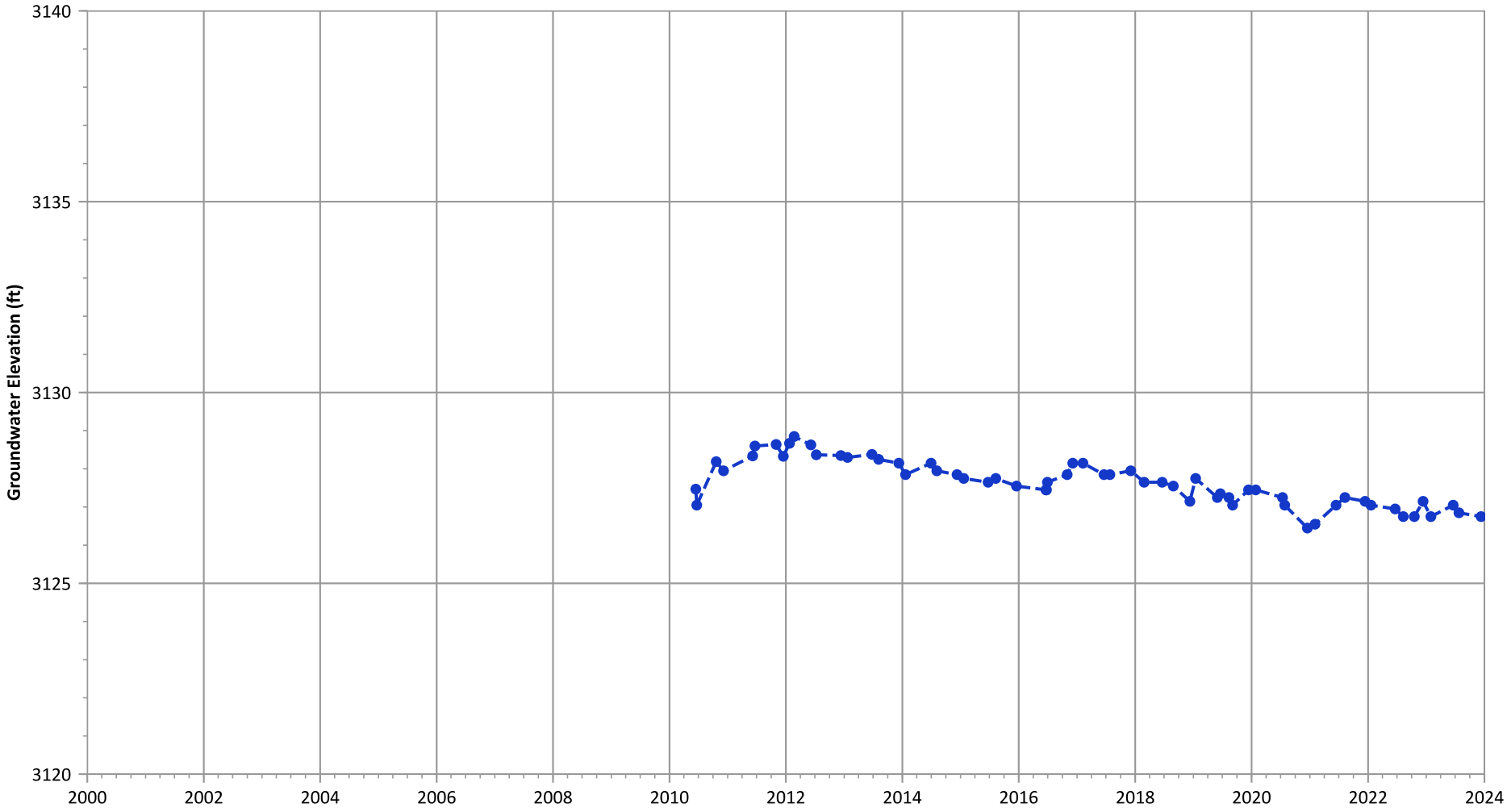
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 2.39 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.38 ft/yr

PTX06-1157 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

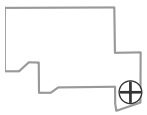


Notes:
1. Top of screen elevation is 3143.59 ft msl.
2. The bottom of screen elevation is 2998.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

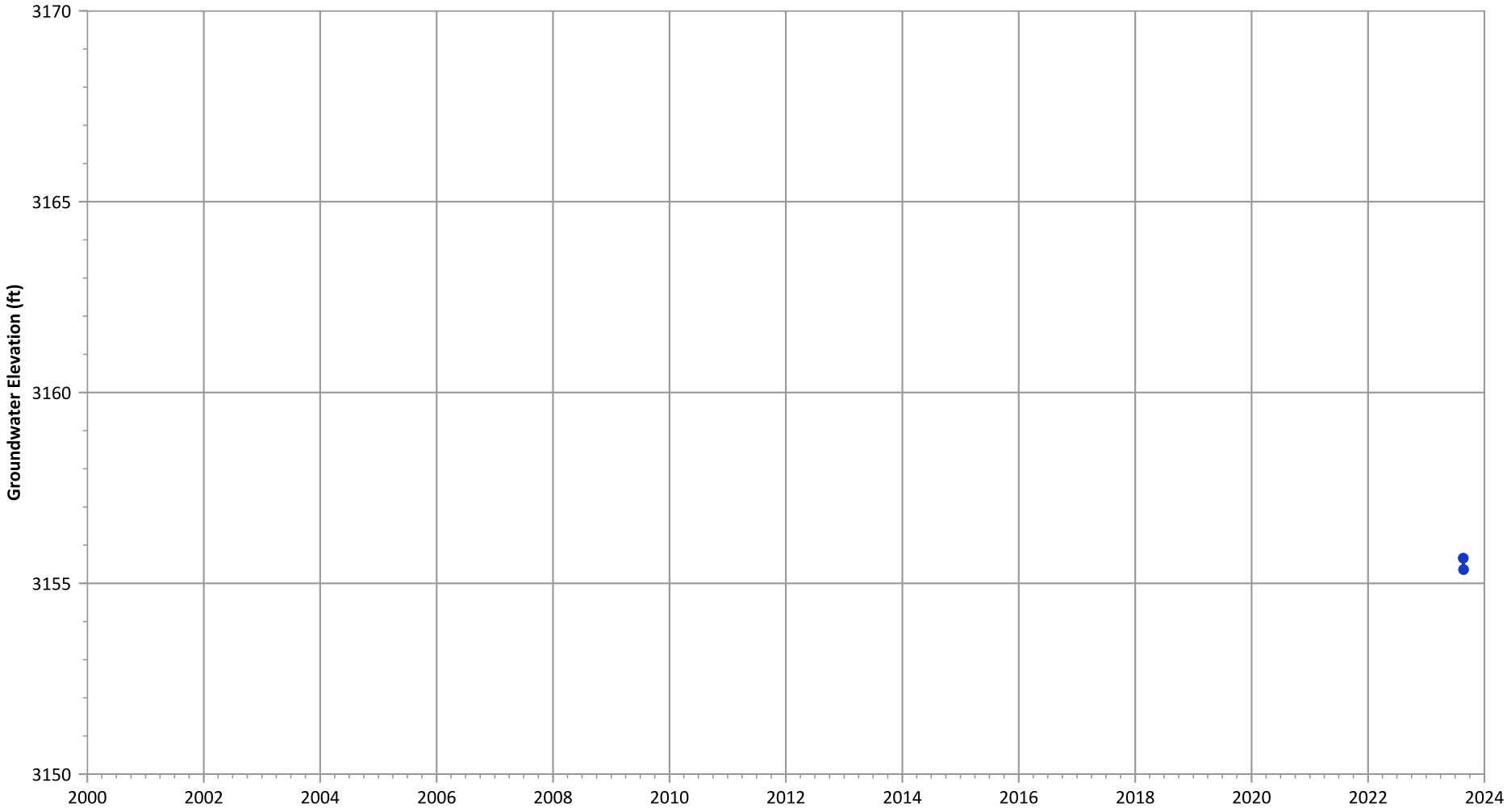
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: No Trend
Data (7/2009 - 12/2023): Decreasing at 0.12 ft/yr

PTX06-1223 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3136.02 ft msl.
2. The bottom of screen elevation is 3096.02 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.

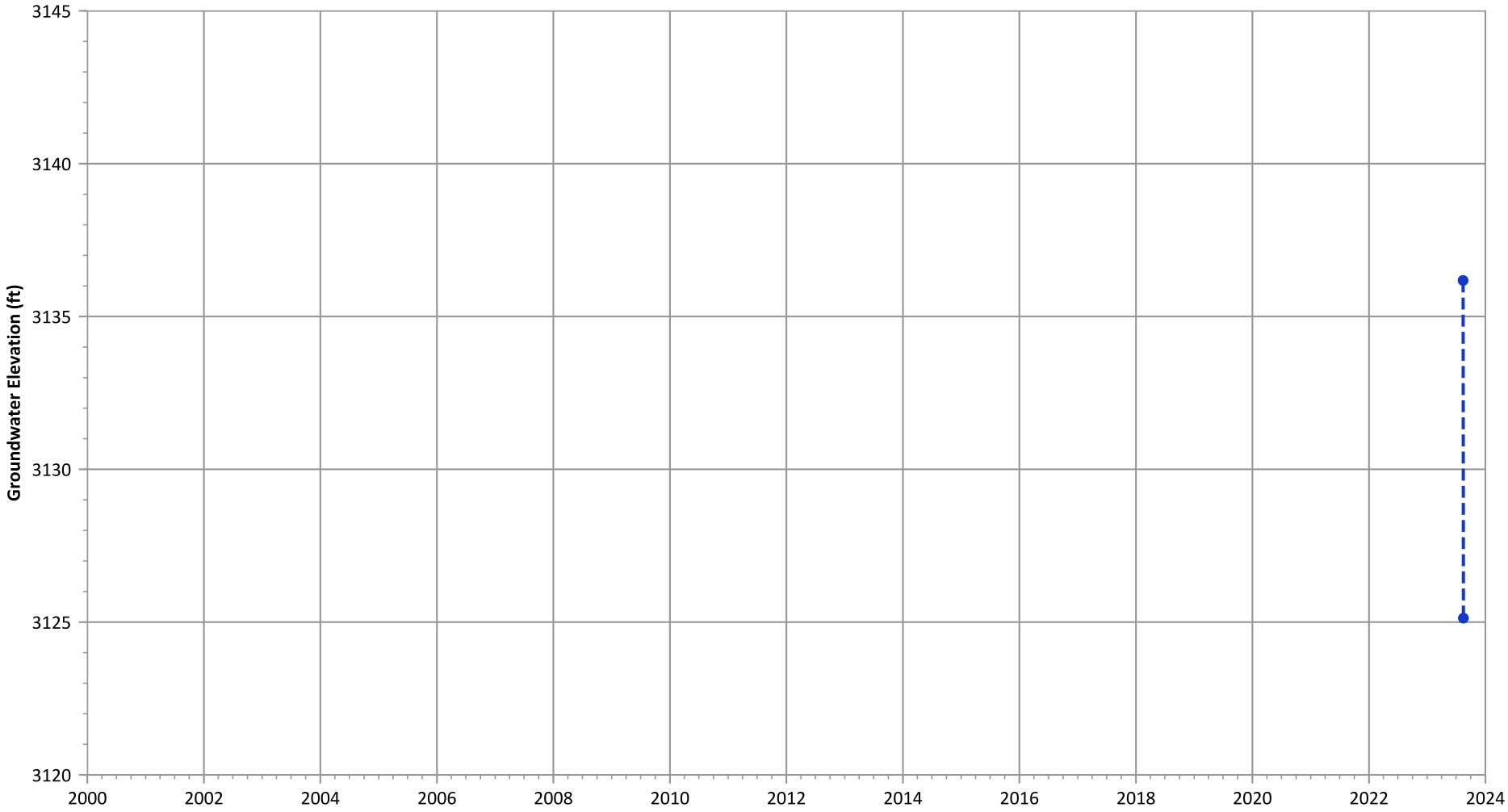
Analysis Date: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

PTX06-1224 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

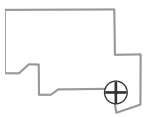


Notes:
1. Top of screen elevation is 3129.07 ft msl.
2. The bottom of screen elevation is 3034.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 12/19/2023

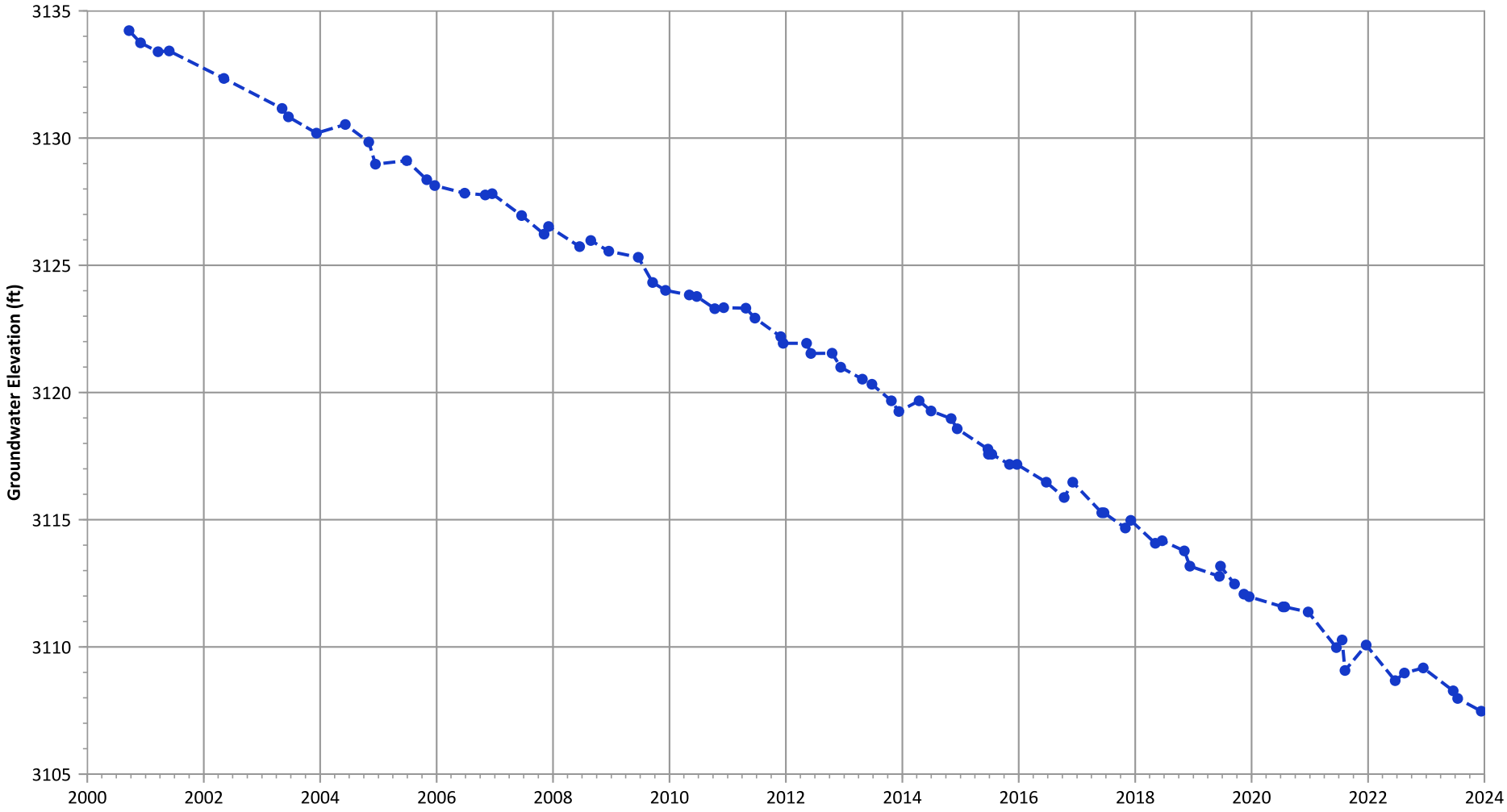
Groundwater Elevation

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: N/A (<3 Measurements)
Data (7/2009 - 12/2023): N/A (<3 Measurements)

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: 12/19/2023

Groundwater Elevation

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2021 - 2023 Data: Decreasing at 1.13 ft/yr
Data (7/2009 - 12/2023): Decreasing at 1.23 ft/yr

Perched Aquifer Expected Conditions Evaluation and Analyte Concentration Trends

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Zone 11	1114-MW4	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	N/A	No Trend	No Trend	NT
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	Increasing	NT
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	N/A	Decreasing	Decreasing	NT
Burning Ground	PTX01-1008	UM	Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	ND	ND	NT
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	NT	NT	NT	NT
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Probably Decreasing	NT	No Trend	Decreasing
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Decreasing
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Probably Increasing	Increasing	NT
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Increasing	Decreasing	Stable	NT
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	N/A	Probably Decreasing	Stable	Decreasing
Southeast	PTX06-1010	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	NT	Increasing	Decreasing
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Increasing	Decreasing	Probably Increasing	No Trend
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	ND	Decreasing	Decreasing	NT
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	N/A	Decreasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Increasing	NT	Stable	Increasing

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Increasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1036	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	WL	NT	NT	NT	NT
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Stable	NT	ND	Decreasing
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	No Trend	NT	ND	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1045	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Annual	Decreasing	NT	N/A	Decreasing
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Decreasing
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Decreasing
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	N/A	NT	Increasing	NT
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS	Below background/PQL and GWPS	Annual	Increasing	NT	Stable	NT
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Probably Increasing	NT	ND	NT
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	Stable	Increasing	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	No Trend	No Trend	ND	Decreasing
Southeast	PTX06-1069	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	NT	NT	NT	NT
Miscellaneous	PTX06-1071	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Zone 11	PTX06-1073A	UM	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Decreasing	Probably Decreasing	Probably Decreasing	NT
Miscellaneous	PTX06-1082	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Miscellaneous	PTX06-1083	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	NT	NT	NT	NT
Miscellaneous	PTX06-1085	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Miscellaneous	PTX06-1086	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	Decreasing	No Trend
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	Stable	Probably Increasing
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	N/A	NT	Increasing	Decreasing
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	Probably Increasing	Decreasing
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1121	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1126	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	Decreasing	Decreasing	Increasing
Zone 11	PTX06-1127	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	Decreasing	Increasing	Decreasing
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Miscellaneous	PTX06-1131	UM	Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	NT	ND	NT

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1135	PS	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
North	PTX06-1136	PS	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
Southeast	PTX06-1146	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	No Trend	NT	ND	Increasing
Southeast	PTX06-1147	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	Probably Decreasing	Decreasing
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	Decreasing	Decreasing	Increasing	NT
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	N/A	No Trend	Increasing	NT
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	N/A	Decreasing	Increasing	NT
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Decreasing	No Trend	NT
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Increasing	NT	Decreasing	Decreasing
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	N/A	Decreasing	Decreasing	NT
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	ND	Decreasing	Decreasing	NT
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	No Trend	Decreasing	NT
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	Decreasing	Stable	NT
Southeast	PTX06-1166	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	N/A	Decreasing	Increasing
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Zone 11	PTX06-1171	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Increasing	Decreasing	Stable	NT
Zone 11	PTX06-1173	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	ND	N/A	No Trend	NT
Zone 11	PTX06-1174	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	N/A	N/A	No Trend	NT
Zone 11	PTX06-1175	RAE	Trend/Compare to GWPS	Below GWPS in 2- 5 years	Semi-Annual	No Trend	Decreasing	Decreasing	NT
Zone 11	PTX06-1180	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Stable	Decreasing	Probably Decreasing	NT
Southeast	PTX06-1182	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	N/A	Decreasing
Southeast	PTX06-1183	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	No Trend	Increasing	Decreasing
Southeast	PTX06-1185	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	Stable	Decreasing
Southeast	PTX06-1190	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	Decreasing	Increasing
Southeast Extension	PTX06-1191	PS,RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1192	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	N/A	NT	ND	Increasing
Southeast Extension	PTX06-1194	PS,RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	N/A	NT	ND	NT
Southeast	PTX06-1195	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	NT	ND	Increasing
Southeast Extension	PTX06-1196	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	Probably Decreasing	NT	Increasing	NT
Southeast Extension	PTX06-1197	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	NT	NT	NT	NT
Southeast Extension	PTX06-1199	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	No Trend	NT	Stable	Increasing
Southeast Extension	PTX06-1200	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	ND	NT	ND	Stable
Southeast Extension	PTX06-1201	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	ND	Increasing
Southeast Extension	PTX06-1202	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	ND	No Trend

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Southeast Extension	PTX06-1203	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	Probably Increasing	Decreasing
Southeast Extension	PTX06-1204	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	Increasing	NT	ND	Stable
Zone 11	PTX06-1207	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	ND	Increasing	Probably Increasing	NT
Southeast	PTX06-1208	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	ND	NT	ND	Decreasing
Southeast	PTX06-1211	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	No Trend	Stable	N/A
Southeast	PTX06-1212	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	NT	NT	NT	NT
Southeast	PTX06-1215	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	NT	N/A	N/A
Southeast	PTX06-1216	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	NT	N/A	N/A
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	NT	Probably Increasing	NT
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Annual	No Trend	NT	Stable	NT
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Increasing	N/A	ND	NT
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	WL	NT	NT	NT	NT
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Miscellaneous	PTX07-1R03	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	NT	NT	NT	NT
Zone 11	PTX08-1001	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	No Trend	Decreasing	ND	NT
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Increasing	Decreasing	Decreasing	NT

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

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Decreasing	Decreasing	No Trend
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Decreasing	Increasing	NT
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Increasing	Stable	Decreasing
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	No Trend	Increasing	Increasing	Decreasing
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	No Trend	N/A	No Trend
Miscellaneous	PTX08-1010	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	NT	NT	NT	NT
Southeast, Zone 11	PTX10-1014	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	No Trend	Stable	Stable	Stable

Perched Long Term Monitoring Well Trends

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
1114-MW4	636151.93	3757809.40	RDX	3/19/1996	8/8/2023	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	HMX	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	TNT	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT24	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT26	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT2A	3/19/1996	8/8/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT4A	3/19/1996	8/8/2023	43	27	No	0.760237832	356.00	0.999898488	Increasing	4	4	No	3.200812367	-6.00	0.958	Decreasing	25	23	No	0.408781518	97.00	0.988	Increasing	8	8	No	0.128182843	16.00	0.969	Increasing
1114-MW4	636151.93	3757809.40	TNB135	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNB13	3/19/1996	8/8/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	MNX	11/19/2009	8/8/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNX	11/19/2009	8/8/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	TNX	11/19/2009	8/8/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DIOXANE14	5/13/2003	8/8/2023	31	21	No	1.116129263	-126.00	0.9835	Decreasing	4	4	No	2.678331652	-6.00	0.958	Decreasing	25	19	No	0.517858819	-22.00	0.686	Stable	8	8	No	0.291674856	-14.00	0.946	Probably Decreasing
1114-MW4	636151.93	3757809.40	PCE	3/19/1996	8/8/2023	45	39	No	0.378256946	125.00	0.887436552	No Trend	4	4	No	3.225408892	2.00	0.625	No Trend	25	25	No	0.271332435	-5.00	0.537	Stable	8	8	No	0.266351315	8.00	0.801	No Trend
1114-MW4	636151.93	3757809.40	TCE	3/19/1996	8/8/2023	46	46	No	0.542703508	526.00	0.999999667	Increasing	4	4	No	3.244873523	2.00	0.625	No Trend	25	25	No	0.317011871	51.00	0.877	No Trend	8	8	No	0.313094231	22.00	0.998	Increasing
1114-MW4	636151.93	3757809.40	DCE12C	3/19/1996	8/8/2023	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DCE12T	10/30/1996	8/8/2023	44	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DCA12	3/19/1996	8/8/2023	44	31	No	0.507833242	115.00	0.875550123	No Trend	4	4	No	3.163870597	-4.00	0.833	No Trend	25	25	No	0.352205071	-78.00	0.964	Decreasing	8	8	No	0.206304589	-2.00	0.548	Stable
1114-MW4	636151.93	3757809.40	TCLME	3/19/1996	8/8/2023	44	34	No	0.447118395	350.00	0.999792124	Increasing	4	4	No	3.167885055	4.00	0.833	No Trend	25	24	No	0.423451349	95.00	0.9865	Increasing	8	8	No	0.319359579	18.00	0.984	Increasing
1114-MW4	636151.93	3757809.40	VC	3/19/1996	8/8/2023	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	PERC	4/22/2002	8/8/2023	33	33	No	0.603983391	-116.00	0.963	Decreasing	4	4	No	2.785272497	-4.00	0.833	No Trend	25	25	No	0.273510858	12.00	0.6	No Trend	8	8	No	0.281910377	-20.00	0.993	Decreasing
1114-MW4	636151.93	3757809.40	B	3/19/1996	8/8/2023	40	38	No	0.161470403	88.00	0.844	No Trend	4	4	No	3.009467854	0.00	0.375	No Trend	25	25	No	0.105926316	144.00	1	Increasing	8	8	No	0.089852489	20.00	0.993	Increasing
OW-WR-38	640649.01	3765214.16	RDX	1/16/1992	5/9/2023	28	25	No	1.389372554	22.00	0.659	No Trend	4	4	No	2.489503335	-2.00	0.625	No Trend	15	15	No	1.285587571	69.00	1	Increasing	5	5	No	0.93651671	8.00	0.958	Increasing
OW-WR-38	640649.01	3765214.16	HMX	1/16/1992	5/9/2023	28	22	No	0.695042616	-32.00	0.728	Stable	4	4	No	2.552701571	4.00	0.833	No Trend	15	15	No	0.870237305	49.00	0.992	Increasing	5	5	No	0.634258015	10.00	0.992	Increasing
OW-WR-38	640649.01	3765214.16	TNT	1/16/1992	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT24	11/15/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT26	11/15/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT2A	11/15/1995	5/9/2023	25	4	No	0.466562692	-122.00	0.998	Decreasing	4	4	No	2.352860364	4.00	0.833	No Trend	15	4	No	0.141442751	-39.00	0.971	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	DNT4A	11/15/1995	5/9/2023	25	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	TNB135	11/15/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNB13	11/15/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	MNX	9/21/2009	5/9/2023	15	8	No	0.823973957	49.00	0.992	Increasing	4	4	No	1.706953374	-6.00	0.958	Decreasing	15	8	No	0.823973957	49.00	0.992	Increasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	DNX	9/21/2009	5/9/2023	15	15	No	1.359670803	59.00	0.999	Increasing	4	4	No	2.007521058	-6.00	0.958	Decreasing	15	15	No	1.359670803	59.00	0.999	Increasing	5	5	No	0.991043093	8.00	0.958	Increasing
OW-WR-38	640649.01	3765214.16	TNX	9/21/2009	5/9/2023	15	15	No	0.689920147	45.00	0.986	Increasing	4	4	No	1.754161972	-6.00	0.958	Decreasing	15	15	No	0.689920147	45.00	0.986	Increasing	5	5	No	0.620851035	6.00	0.883	No Trend
OW-WR-38	640649.01	3765214.16	PCE	4/12/1993	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	TCE	11/15/1995	5/9/2023	25	7	No	0.874828137	-34.00	0.778	Stable	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	0.124186557	35.00	0.954	Increasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	DCE12C	3/20/1996	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DCE12T	5/5/1997	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DCA12	11/15/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	TCLME	4/12/1993	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	VC	4/12/1993	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	B	4/12/1993	5/9/2023	37	37	No	0.297298449	-113.00	0.928	Probably Decreasing	4	4	No	2.87975006	-2.00	0.625	No Trend	15	15	No	0.413997358	47.00	0.99	Increasing	5	5	No	0.370902032	8.00	0.958	Increasing
PTX01-1001	630592.95	3769641.90	RDX	11/15/1995	10/23/2023	74	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	HMX	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TNT	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT24	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT26	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT2A	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT4A	11/15/1995	10/23/2023	71	4	No	0.54508592	-648.00	0.999339708	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TNB135	11/15/1995	10/23/2023	74	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNB13	11/15/1995	10/23/2023	70	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	MNX	11/16/2009	10/23/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNX	11/16/2009	10/23/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TNX	11/16/2009	10/23/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	PCE	11/15/1995	10/23/2023	70	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TCE	11/15/1995	10/23/2023	75	36	No	1.616258393	-245.00	0.86781618	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	25	15	No	0.306544296	-105.00	0.9925	Decreasing	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	DCE12C	11/15/1995	10/23/2023	71	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DCE12T	10/20/1996	10/23/2023	67	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DCA12	11/15/1995	10/23/2023	70	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TCLME	11/15/1995	10/23/2023	69	5	No	0.701751951	-23.00	0.545361034	Stable	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	VC	11/15/1995	10/23/2023	74	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	PERC	8/19/1999	10/23/2023	56	30	No	1.874793123	-409.00	0.998033925	Decreasing	4	4	No	3.686574301	-4.00	0.833	No Trend	25	9	No	0.991003359	-140.00	1	Decreasing	8	4	No	0.669275704	-16.00	0.969	Decreasing
PTX01-1001	630592.95	3769641.90	B	11/15/1995	10/23/2023	70	63	No	0.259031708	429.00	0.98498952	Increasing	4	4	No	4.064298212	0.00	0.375	No Trend	25	25	No	0.090103725	59.00	0.911	Probably Increasing	8	8	No	0.084793037	20.00	0.993	Increasing
PTX01-1008	629942.97	3770782.89	RDX	4/4/2001	10/23/2023	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	HMX	4/4/2001	10/23/2023	42	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	TNT	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNT24	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNT26	4/4/2001	10/23/2023	42	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNT2A	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNT4A	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	TNB135	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNB13	4/4/2001	10/23/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	MNX	8/5/2009	10/23/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DNX	8/5/2009	10/23/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	TNX	8/5/2009	10/23/2023	26	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	26	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	PCE	4/4/2001	10/23/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	TCE	4/4/2001	10/23/2023	43	6	No	0.650426881	-94.00	0.834793941	Stable	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DCE12C	7/31/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DCE12T	7/31/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	DCA12	4/4/2001	10/23/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	TCLME	4/4/2001	10/23/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	VC	4/4/2001	10/23/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	PERC	4/4/2001	10/23/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1008	629942.97	3770782.89	B	4/4/2001	10/23/2023	40	40	No	0.166693251	219.00	0.995	Increasing	4	4	No	3.011192224	5.00	0.8955	No Trend	25	25	No	0.110194501	-23.00	0.6945	Stable	8	8	No	0.10245913	18.00	0.984	Increasing
PTX06-1002A	641161.56	3759984.00	RDX	12/4/1995	2/22/2023	43	41	No	0.645455203	-132.00	0.914807859	Probably Decreasing	4	4	No	3.193261189	-2.00	0.625	No Trend	25	25	No	0.598876285	-64.00	0.929	Probably Decreasing	8	8	No	0.523999383	14.00	0.946	Probably Increasing
PTX06-1002A	641161.56	3759984.00	HMX	12/4/1995	2/22/2023	43	35	No	0.862210395	-299.00	0.999091731	Decreasing	4	4	No	3.286462259	-4.00	0.833	No Trend	25	25	No	0.620343034	-28.00	0.734	Stable	8	8	No	0.507566847	16.00	0.969	Increasing
PTX06-1002A	641161.56	3759984.00	TNT	12/4/1995	2/22/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT24	12/4/1995	2/22/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT26	12/4/1995	2/22/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT2A	12/4/1995	2/22/2023	42	10	No	1.187943157	-416.00	0.999996562	Decreasing	4	4	No	3.200053241	4.00	0.833	No Trend	25	8	No	0.137267582	46.00	0.852	No Trend	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	DNT4A	12/4/1995	2/22/2023	41	24	No	0.977488457	-382.00	0.999990629	Decreasing	4	4	No	3.064239344	0.00	0.375	No Trend	25	15	No	0.354998105	-34.00	0.778	Stable	8	5	No	0.154582781	16.00	0.969	Increasing
PTX06-1002A	641161.56	3759984.00	TNB135	12/4/1995	2/22/2023	42	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNB13	12/4/1995	2/22/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	MNX	11/18/2009	2/22/2023	25	24	No	0.653352901	-130.00	0.999	Decreasing	4	4	No	2.46203506	-2.00	0.625	No Trend	25	24	No	0.653352901	-130.00	0.999	Decreasing	8	8	No	0.384415925	-2.00	0.548	Stable
PTX06-1002A	641161.56	3759984.00	DNX	11/18/2009	2/22/2023	25	24	No	0.651576709	-50.00	0.872	Stable	4	4	No	2.622480616	-6.00	0.958	Decreasing	25	24	No	0.651576709	-50.00	0.872	Stable	8	8	No	0.616137442	14.00	0.946	Probably Increasing
PTX06-1002A	641161.56	3759984.00	TNX	11/18/2009	2/22/2023	25	25	No	0.582755712	-99.00	0.9895	Decreasing	4	4	No	2.367299309	-2.00	0.625	No Trend	25	25	No	0.582755712	-99.00	0.9895	Decreasing	8	8	No	0.457894532	14.00	0.946	Probably Increasing
PTX06-1002A	641161.56	3759984.00	PCE	12/4/1995	2/22/2023	39	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	TCE	12/4/1995	2/22/2023	40	16	No	2.036749652	-33.00	0.6445	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	12	No	0.252177963	47.00	0.857	No Trend	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	DCE12C	12/4/1995	2/22/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DCE12T	1/29/2002	2/22/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DCA12	12/4/1995	2/22/2023	38	5	No	0.91398711	-115.00	0.924	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	5	No	0.172407908	42.00	0.829	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	TCLME	12/4/1995	2/22/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	VC	12/4/1995	2/22/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	B	12/4/1995	2/22/2023	42	42	No	0.102391016	-149.00	0.945635658	Probably Decreasing	4	4	No	3.085654078	6.00	0.958	Increasing	25	25	No	0.104945702	-102.00	0.991	Decreasing	8	8	No	0.087482862	-12.00	0.911	Probably Decreasing
PTX06-1002A	641161.56	3759984.00	CR	12/4/1995	2/22/2023	42	22	No	1.450439823	-218.00	0.990656419	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	7	No	0.155043639	-9.00	0.573	Stable	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	CR-6	3/12/1996	2/22/2023	44	17	No	0.611708722	-224.00	0.987948407	Decreasing	4	4	No	3.20235999	2.00	0.625	No Trend	25	13	No	0.687752335	-176.00	1	Decreasing	8	8	No	0.767389397	16.00	0.969	Increasing
PTX06-1002A	641161.56	3759984.00	FE	12/4/1995	2/22/2023	41	31	No	0.852390057	-241.00	0.996487588	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	16	No	0.638181011	-150.00	1	Decreasing	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	MN	12/4/1995	2/22/2023	41	23	No	0.960562731	124.00	0.916441722	Probably Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	0.976909375	-20.00	0.67	Stable	8	8	No	0.580232505	-16.00	0.969	Decreasing
PTX06-1002A	641161.56	3759984.00	MO	12/4/1995	2/22/2023	41	40	No	0.997907643	302.00	0.999638642	Increasing	4	4	No	3.29666236	-4.00	0.833	No Trend	25	25	No	0.867523977	138.00	1	Increasing	8	8	No	0.558559158	-6.00	0.726	Stable
PTX06-1002A	641161.56	3759984.00	NI	12/4/1995	2/22/2023	41	38	No	1.05148981	-70.00	0.780831272	No Trend	4	4	No	4.016556581	4.00	0.833	No Trend	25	24	No	1.00291539	81.00	0.9695	Increasing	8	8	No	0.329283739	14.00	0.946	Probably Increasing
PTX06-1002A	641161.56	3759984.00	V	12/4/1995	2/22/2023	39	37	No	0.391548891	-127.00	0.936	Probably Decreasing	4	4	No	2.96748615	-1.00	0.5	No Trend	25	23	No	0.487112956	34.00	0.778	No Trend	8	8	No	0.39382043	23.00	0.9985	Increasing
PTX06-1005	640545.44	3756139.87	RDX	11/20/1995	8/7/2023	48	48	No	1.038625554	-681.00	0.999999999	Decreasing	4	4	No	3.39931848	2.00	0.625	No Trend	29	29	No	1.172050624	-303.00	1	Decreasing	10	10	No	0.746264678	-17.00	0.922	Probably Decreasing
PTX06-1005	640545.44	3756139.87	HMX	11/20/1995	8/7/2023	48	47	No	1.17174685	-722.00	1	Decreasing	4	4	No	3.356961884	-2.00	0.625	No Trend	29	29	No	1.143817381	-300.00	1	Decreasing	10	10	No	0.973544061	-29.00	0.995	Decreasing
PTX06-1005	640545.44	3756139.87	TNT	11/20/1995	8/7/2023	48	43	No	1.487273448	-454.00	0.999971667	Decreasing	4	4	No	3.321484464	0.00	0.375	No Trend	29	29	No	0.690076769	-196.00	1	Decreasing	10	10	No	0.506841749	-31.00	0.998	Decreasing
PTX06-1005	640545.44	3756139.87	DNT24	11/20/1995	8/7/2023	48	23	No	2.051371271	-811.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	12	No	1.242335211	-275.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	DNT26	11/20/1995	8/7/2023	48	16	No	2.210018736	-473.00	0.999986366	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	15	No	0.871629037	-119.00	0.987	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DNT2A	11/20/1995	8/7/2023	48	38	No	0.931507662	-224.00	0.976262226	Decreasing	4	4	No	3.423994989	2.00	0.625	No Trend	29	29	No	0.847989347	-329.00	1	Decreasing	10	10	No	0.51109362	-33.00	0.999	Decreasing
PTX06-1005	640545.44	3756139.87	DNT4A	11/20/1995	8/7/2023	48	37	No	1.123785116	-359.00	0.999268485	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	28	No	1.089445988	-308.00	1	Decreasing	10	10	No	0.307605123	-25.00	0.986	Decreasing
PTX06-1005	640545.44	3756139.87	TNB135	11/20/1995	8/7/2023	48	47	No	0.594342342	-36.00	0.622130634	Stable	4	4	No	3.362205593	-6.00	0.958	Decreasing	29	29	No	0.32168186	83.00	0.9375	Probably Increasing	10	10	No	0.257674067	14.00	0.873	No Trend
PTX06-1005	640545.44	3756139.87	DNB13	11/20/1995	8/7/2023	46	5	No	2.150286643	-676.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	MNX	11/23/2009	8/7/2023	29	8	No	0.588942898	-83.00	0.9375	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	8	No	0.588942898	-83.00	0.9375	Probably Decreasing	10	4	No	0.680858072	5.00	0.636	No Trend
PTX06-1005	640545.44	3756139.87	DNX	11/23/2009	8/7/2023	29	11	No	1.136400193	-256.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	11	No	1.136400193	-256.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	TNX	11/23/2009	8/7/2023	29	29	No	1.683333199	-278.00	1	Decreasing	4	4	No	2.683065122	-2.00	0.625	No Trend	29	29	No	1.683333199	-278.00	1	Decreasing	10	10	No	0.402170853	15.00	0.892	No Trend
PTX06-1005	640545.44	3756139.87	DIOXANE14	5/1/2006	2/22/2023	12	10	No	0.647876239	-19.00	0.8885	Stable	4	4	No	1.775070721	-4.00	0.833	No Trend	10	10	No	0.741482154	-10.00	0.784	Stable	5	5	No	0.650167181	4.00	0.758	No Trend
PTX06-1005	640545.44	3756139.87	PCE	11/20/1995	8/7/2023	49	33	No	0.868495289	553.00	0.999999023	Increasing	4	4	No	3.671754787	-4.00	0.833	No Trend	29	27	No	0.566064379	45.00	0.7935	No Trend	10	10	No	0.326890701	-19.00	0.946	Probably Decreasing
PTX06-1005	640545.44	3756139.87	TCE	11/20/1995	8/7/2023	50	47	No	0.811677691	518.00	0.999992361	Increasing	4	4	No	3.638828542	-4.00	0.833	No Trend	29	29	No	0.51831152	2.00	0.507	No Trend	10	10	No	0.215182884	-13.00	0.854	Stable
PTX06-1005	640545.44	3756139.87	DCE12C	11/20/1995	8/7/2023	46	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DCE12T	10/22/1996	8/7/2023	42	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DCA12	11/20/1995	8/7/2023	48	41	No	1.102014961	12.00	0.538941917	No Trend	4	4	No	4.049585351	-6.00	0.958	Decreasing	29	28	No	1.230718226	149.00	0.9975	Increasing	10	10	No	0.41531848	11.00	0.81	No Trend

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
PTX06-1005	640545.44	3756139.87	TCLME	11/20/1995	8/7/2023	48	34	No	1.719755248	519.00	0.999997928	Increasing	4	4	No	4.0228601	-6.00	0.958	Decreasing	29	29	No	1.409104005	245.00	1	Increasing	10	10	No	0.354537882	9.00	0.758	No Trend
PTX06-1005	640545.44	3756139.87	VC	11/20/1995	8/7/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	B	11/20/1995	8/7/2023	47	47	No	0.606180052	-799.00	1	Decreasing	4	4	No	3.301642244	-4.00	0.833	No Trend	29	29	No	0.406443218	-260.00	1	Decreasing	10	10	No	0.082210917	-2.00	0.5345	Stable
PTX06-1005	640545.44	3756139.87	CR	11/20/1995	8/7/2023	47	47	No	2.320936072	377.00	0.999717718	Increasing	4	4	No	3.873139573	-6.00	0.958	Decreasing	29	29	No	1.828350319	-86.00	0.944	Probably Decreasing	10	10	No	0.141349451	15.00	0.892	No Trend
PTX06-1005	640545.44	3756139.87	CR-6	3/14/1996	8/7/2023	47	39	No	2.403138237	331.00	0.998761961	Increasing	4	4	No	3.901520535	-6.00	0.958	Decreasing	29	28	No	1.899408719	-100.00	0.969	Decreasing	10	10	No	0.133024076	9.00	0.758	No Trend
PTX06-1005	640545.44	3756139.87	FE	11/20/1995	8/7/2023	46	32	No	0.994109812	72.00	0.749284151	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	29	17	No	0.584545527	-203.00	1	Decreasing	10	4	No	0.328591262	-10.00	0.784	Stable
PTX06-1005	640545.44	3756139.87	MN	11/20/1995	8/7/2023	46	28	No	0.994554393	-118.00	0.866020233	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	12	No	0.918829502	-2.00	0.507	Stable	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	MO	11/20/1995	8/7/2023	46	46	No	0.186494419	-280.00	0.995874403	Decreasing	4	4	No	3.247871858	-4.00	0.833	No Trend	29	29	No	0.156497767	-57.00	0.8515	Stable	10	10	No	0.169885623	-29.00	0.995	Decreasing
PTX06-1005	640545.44	3756139.87	NI	11/20/1995	8/7/2023	46	35	No	1.378920146	-358.00	0.999637742	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	24	No	0.578948168	-132.00	0.993	Decreasing	10	8	No	0.360411156	-4.00	0.6025	Stable
PTX06-1005	640545.44	3756139.87	V	11/20/1995	8/7/2023	44	44	No	0.157239178	-199.00	0.977391166	Decreasing	4	4	No	3.16757074	0.00	0.375	No Trend	29	29	No	0.153961805	25.00	0.6725	No Trend	10	10	No	0.050719146	-17.00	0.922	Probably Decreasing
PTX06-1006	637450.19	3757599.75	RDX	12/7/1995	11/8/2023	26	16	No	1.796510025	-12.00	0.5945	No Trend	4	4	No	2.38187124	4.00	0.833	No Trend	15	15	No	1.319237018	-85.00	1	Decreasing	5	5	No	0.645918777	-8.00	0.958	Decreasing
PTX06-1006	637450.19	3757599.75	HMX	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	TNT	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT24	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT26	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT2A	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT4A	12/7/1995	11/8/2023	25	18	No	0.791440362	48.00	0.862	No Trend	4	4	No	2.358234202	-6.00	0.958	Decreasing	15	15	No	0.468322805	-39.00	0.971	Decreasing	5	5	No	0.17824204	-8.00	0.958	Decreasing
PTX06-1006	637450.19	3757599.75	TNB135	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNB13	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	MNX	12/3/2009	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNX	12/3/2009	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	TNX	12/3/2009	11/8/2023	15	6	No	0.149506432	-34.00	0.9485	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	6	No	0.149506432	-34.00	0.9485	Probably Decreasing	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1006	637450.19	3757599.75	DIOXANE14	8/14/2002	11/8/2023	19	17	No	0.422119208	-61.00	0.983	Decreasing	4	4	No	1.952365389	-6.00	0.958	Decreasing	15	15	No	0.229263225	-10.00	0.669	Stable	5	5	No	0.15241793	-6.00	0.883	Stable
PTX06-1006	637450.19	3757599.75	PCE	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	TCE	12/7/1995	11/8/2023	26	14	No	0.715641663	107.00	0.991	Increasing	4	4	No	2.40107206	4.00	0.833	No Trend	15	13	No	0.462150268	81.00	1	Increasing	5	5	No	0.127931379	6.00	0.883	No Trend
PTX06-1006	637450.19	3757599.75	DCE12C	12/7/1995	11/8/2023	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DCE12T	8/14/2002	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DCA12	12/7/1995	11/8/2023	26	6	No	0.84040659	-58.00	0.894	Stable	4	0	Yes	0	0.00	0	All Non-Detect	15	6	No	0.314174656	-3.00	0.539	Stable	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1006	637450.19	3757599.75	TCLME	12/7/1995	11/8/2023	26	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	VC	12/7/1995	11/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	PERC	7/27/2000	11/8/2023	22	18	No	0.503674534	95.00	0.997	Increasing	4	4	No	2.146060489	-4.00	0.833	No Trend	15	15	No	0.221317497	28.00	0.9075	Probably Increasing	5	5	No	0.077740127	-8.00	0.958	Decreasing
PTX06-1006	637450.19	3757599.75	B	12/7/1995	11/8/2023	28	27	No	0.207870699	268.00	1	Increasing	4	4	No	2.457682678	4.00	0.833	No Trend	15	15	No	0.125877527	64.00	0.9995	Increasing	5	5	No	0.075781432	-10.00	0.992	Decreasing
PTX06-1007	637679.37	3759513.00	RDX	12/5/1995	11/7/2023	26	20	No	2.289147606	110.00	0.9925	Increasing	4	4	No	3.001107066	-6.00	0.958	Decreasing	15	15	No	1.74611828	49.00	0.992	Increasing	5	5	No	0.996740606	2.00	0.592	No Trend
PTX06-1007	637679.37	3759513.00	HMX	12/5/1995	11/7/2023	26	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TNT	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNT24	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNT26	12/5/1995	11/7/2023	26	6	No	0.396969347	-148.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	6	No	0.156114067	-29.00	0.916	Probably Decreasing	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DNT2A	12/5/1995	11/7/2023	26	6	No	0.458233688	-159.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	5	No	0.173523001	-19.00	0.81	Stable	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DNT4A	12/5/1995	11/7/2023	26	26	No	0.811234427	105.00	0.99	Increasing	4	4	No	2.416488973	-2.00	0.625	No Trend	15	15	No	0.660666676	-7.00	0.615	Stable	5	5	No	0.566659269	-6.00	0.883	Stable
PTX06-1007	637679.37	3759513.00	TNB135	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNB13	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	MNX	12/1/2009	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNX	12/1/2009	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TNX	12/1/2009	11/7/2023	15	10	No	0.515898505	-3.00	0.539	Stable	4	4	No	1.690227454	-6.00	0.958	Decreasing	15	10	No	0.515898505	-3.00	0.539	Stable	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DIOXANE14	10/24/2005	11/7/2023	18	15	No	0.501955492	-91.00	1	Decreasing	4	4	No	1.944196645	-4.00	0.833	No Trend	15	15	No	0.530884648	-51.00	0.994	Decreasing	5	5	No	0.30490953	-4.00	0.758	Stable
PTX06-1007	637679.37	3759513.00	PCE	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TCE	12/5/1995	11/7/2023	30	18	No	0.766052	-112.00	0.976	Decreasing	4	4	No	2.64226599	4.00	0.833	No Trend	15	10	No	0.224270397	-3.00	0.539	Stable	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DCE12C	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DCE12T	4/29/2002	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DCA12	12/5/1995	11/7/2023	29	5	No	0.948615099	-155.00	0.998	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TCLME	12/5/1995	11/7/2023	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	VC	12/5/1995	11/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	PERC	7/27/2000	11/7/2023	24	24	No	0.707071645	-24.00	0.714	Stable	4	4	No	2.316965005	-4.00	0.833	No Trend	15	15	No	0.694719601	-55.00	0.997	Decreasing	5	5	No	0.189673209	-2.00	0.592	Stable
PTX06-1007	637679.37	3759513.00	B	12/5/1995	11/7/2023	28	28	No	0.234674249	164.00	1	Increasing	4	4	No	2.489105125	6.00	0.958	Increasing	15	15	No	0.217982359	52.00	0.995	Increasing	5	5	No	0.0595237	-6.00	0.883	Stable
PTX06-1008	639441.93	3759325.25	RDX	12/7/1995	5/9/2023	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	HMX	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	TNT	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT24	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT26	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT2A	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT4A	12/7/1995	5/9/2023	25	7	No	0.377655636	-137.00	0.9995	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	7	No	0.188206315	-26.00	0.8895	Stable	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	TNB135	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNB13	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	MNX	9/15/2009	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNX	9/15/2009	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	TNX	9/15/2009	5/9/2023	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DIOXANE14	4/29/2003	5/9/2023	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	PCE	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	TCE	12/7/1995	5/9/2023	27	27	No	0.988266382	-177.00	1	Decreasing	4	4	No	2.426714273	0.00	0.375	No Trend	15	15	No	0.684270831	-3.00	0.539	Stable	5	5	No	0.360140524	8.00	0.958	Increasing
PTX06-1008	639441.93	3759325.25	DCE12C	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DCE12T	5/23/2002	5/9/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DCA12	12/7/1995	5/9/2023	27	25	No	1.06681094	258.00	1	Increasing	4	4	No	2.404076524	0.00	0.375	No Trend	15	15	No	0.512867602	87.00	1	Increasing	5	5	No	0.098588182	6.00	0.883	No Trend
PTX06-1008	639441.93	3759325.25	TCLME	12/7/1995	5/9/2023	27	27	No	0.713510024	211.00	1	Increasing	4	4	No	2.43948769	0.00	0.375	No Trend	15	15	No	0.424114699	58.00	0.9985	Increasing	5	5	No	0.265178035	4.00	0.758	No Trend
PTX06-1008	639441.93	3759325.25	VC	12/7/1995	5/9/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	PERC	4/17/2001	5/9/2023	20	9	No	0.52453147	-45.00	0.9225	Probably Decreasing	4	4	No	2.003418085	-2.00	0.625	No Trend	15	7	No	0.614805353	-33.00	0.943	Probably Decreasing	5	4	No	0.847308706	-2.00	0.592	Stable
PTX06-1008	639441.93	3759325.25	B	12/7/1995	5/9/2023	23	23	No	0.120557588	146.00	1	Increasing	4	4	No	2.179484351	-1.00	0.5	No Trend	15	15	No	0.09927634	47.00	0.99	Increasing	5	5	No	0.072022967	0.00	0.408	Stable
PTX06-1008	639441.93	3759325.25	CR	12/7/1995	5/9/2023	24	24	No	1.823251974	18.00	0.662	No Trend	4	4	No	2.281132379	4.00	0.833	No Trend	15	15	No	1.691531309	5.00	0.577	No Trend	5	5	No	0.322137203	6.00	0.883	No Trend
PTX06-1008	639441.93	3759325.25	CR-6	3/13/1996	5/9/2023	25	12	No	0.697765421	-82.00	0.971	Decreasing	4	4	No	2.296098704	-6.00	0.958	Decreasing	15	10	No	0.889798334	-75.00	1	Decreasing	5	5	No	0.830925904	-10.00	0.992	Decreasing
PTX06-1008	639441.93	3759325.25	FE	12/7/1995	5/9/2023	24	23	No	1.808597583	30.00	0.762	No Trend	4	4	No	2.536898021	6.00	0.958	Increasing	15	14	No	1.468816872	-5.00	0.577	No Trend	5	5	No	0.192514849	4.00	0.758	No Trend
PTX06-1008	639441.93	3759325.25	MN	12/7/1995	5/9/2023	24	12	No	1.470054114	45.00	0.8605	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	6	No	1.082622245	-3.00	0.539	No Trend	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	MO	12/7/1995	5/9/2023	24	24	No	1.455375185	-8.00	0.568	No Trend	4	4	No	2.244280628	0.00	0.375	No Trend	15	15	No	1.048312775	-7.00	0.615	No Trend	5	5	No	0.345861278	6.00	0.883	No Trend
PTX06-1008	639441.93	3759325.25	NI	12/7/1995	5/9/2023	24	20	No	1.537246294	-107.00	0.9965	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	12	No	1.360957555	-46.00	0.988	Decreasing	5	4	No	0.246475332	0.00	0.408	Stable
PTX06-1008	639441.93	3759325.25	V	12/7/1995	5/9/2023	24	24	No	0.272897514	77.00	0.9705	Increasing	4	4	No	2.243682872	-2.00	0.625	No Trend	15	15	No	0.184364614	19.00	0.81	No Trend	5	5	No	0.056391755	8.00	0.958	Increasing
PTX06-1010	639886.62	3758067.00	RDX	11/27/1995	5/17/2023	44	41	No	1.933110488	-514.00	0.999999894	Decreasing	4	4	No	3.211627947	4.00	0.833	No Trend	25	25	No	0.373035813	-126.00	0.999	Decreasing	8	8	No	0.289601171	8.00	0.801	No Trend
PTX06-1010	639886.62	3758067.00	HMX	11/27/1995	5/17/2023	44	36	No	3.790937773	-260.00	0.995598274	Decreasing	4	4	No	3.596842311	4.00	0.833	No Trend	25	25	No	0.529278767	36.00	0.791	No Trend	8	8	No	0.512022258	-8.00	0.801	Stable
PTX06-1010	639886.62	3758067.00	TNT	11/27/1995	5/17/2023	42	7	No	1.522913023	-628.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT24	11/27/1995	5/17/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT26	11/27/1995	5/17/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT2A	11/27/1995	5/17/2023	43	35	No	1.697122091	-328.00	0.999689408	Decreasing	4	4	No	3.553645878	6.00	0.958	Increasing	25	24	No	0.852738955	57.00	0.903	Probably Increasing	8	8	No	0.727927813	-4.00	0.64	Stable
PTX06-1010	639886.62	3758067.00	DNT4A	11/27/1995	5/17/2023	44	22	No	2.224065705	-670.00	1	Decreasing	4	4	No	3.179089232	-4.00	0.833	No Trend	25	14	No	0.163921069	-157.00	1	Decreasing	8	5	No	0.075982813	-3.00	0.594	Stable
PTX06-1010	639886.62	3758067.00	TNB135	11/27/1995	5/17/2023	42	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNB13	11/27/1995	5/17/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	MNX	12/16/2009	5/17/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNX	12/16/2009	5/17/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	TNX	12/16/2009	5/17/2023	25	16	No	0.532571364	-120.00	0.998	Decreasing	4	4	No	2.317775135	4.00	0.833	No Trend	25	16	No	0.532571364	-120.00	0.998	Decreasing	8	5	No	0.223774949	-6.00	0.726	Stable
PTX06-1010	639886.62	3758067.00	DIOXANE14	7/30/2003	5/17/2023	12	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	PCE	11/27/1995	5/17/2023	43	37	No	0.645367413	-120.00	0.893504875	Stable	4	4	No	3.141891119	0.00	0.375	No Trend	25	25	No	0.19033008	53.00	0.8865	No Trend	8	8	No	0.106542499	13.00	0.9285	Probably Increasing
PTX06-1010	639886.62	3758067.00	TCE	11/27/1995	5/17/2023	44	42	No	0.758450701	-315.00	0.999253082	Decreasing	4	4	No	3.179163214	-2.00	0.625	No Trend	25	25	No	0.186125329	99.00	0.9895	Increasing	8	8	No	0.09397627	-7.00	0.7635	Stable
PTX06-1010	639886.62	3758067.00	DCE12C	11/27/1995	5/17/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DCE12T	11/6/1996	5/17/2023	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DCA12	11/27/1995	5/17/2023	42	39	No	0.633001486	-331.00	0.99982578	Decreasing	4	4	No	3.195626737	-6.00	0.958	Decreasing	25	25	No	0.367556756	-17.00	0.6445	Stable	8	8	No	0.204058677	-12.00	0.911	Probably Decreasing
PTX06-1010	639886.62	3758067.00	TCLME	11/27/1995	5/17/2023	42	33	No	0.644431203	431.00	0.99999842	Increasing	4	4	No	3.113993622	-2.00	0.625	No Trend	25	25	No	0.504968134	124.00	0.998	Increasing	8	8	No	0.315142483	0.00	0.452	Stable
PTX06-1010	639886.62	3758067.00	VC	11/27/1995	5/17/2023	44	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	B	11/27/1995	5/17/2023	41	41	No	0.683532859	-346.00	0.999946692	Decreasing	4	4	No	3.067049038	-4.00	0.833	No Trend	25	25	No	0.105446162	9.00	0.573	No Trend	8	8	No	0.096261933	16.00	0.969	Increasing
PTX06-1010	639886.62	3758067.00	CR	11/27/1995	5/17/2023	46	45	No	0.829982644	-515.00	0.999999432	Decreasing	4	4	No	3.662825873	-2.00	0.625	No Trend	26	26	No	0.476321565	-116.00	0.995	Decreasing	8	8	No	0.329025474	-20.00	0.993	Decreasing
PTX06-1010	639886.62	3758067.00	CR-6	11/27/1995	5/17/2023	47	46	No	0.918331876	-324.00	0.998472041	Decreasing	4	4	No	3.745577275	-4.00	0.833	No Trend	26	26	No	0.508622223	-115.00	0.995	Decreasing	8	8	No	0.31680215	-20.00	0.993	Decreasing
PTX06-1010	639886.62	3758067.00	FE	11/27/1995	5/17/2023	42	42	No	1.635314984	-327.00	0.999794555	Decreasing	4	4	No	4.744821662	2.00	0.625	No Trend	25	25	No	1.554926209	-106.00	0.993	Decreasing	8	8	No	0.431421571	-2.00	0.548	Stable
PTX06-1010	639886.62	3758067.00	MN	11/27/1995	5/17/2023	43	41	No	2.519599441	-236.00	0.993041019	Decreasing	4	4	No	3.410609317	0.00	0.375	No Trend	25	25	No	3.852448199	-112.00	0.996	Decreasing	8	8	No	0.53231957	-2.00	0.548	Stable
PTX06-1010	639886.62	3758067.00	MO	11/27/1995	5/17/2023	43	42	No	1.648680848	-312.00	0.99943253	Decreasing	4	4	No	3.727476691	2.00	0.625	No Trend	25	25	No	0.721332286	-7.00	0.555	Stable	8	8	No	0.342685267	-12.00	0.911	Probably Decreasing
PTX06-1010	639886.62	3758067.00	NI	11/27/1995	5/17/2023	43	42	No	2.308226169	-367.00	0.999936018	Decreasing	4	4	No	3.903993491	0.00	0.375	No Trend	25	25	No	3.959702689	-92.00	0.984	Decreasing	8	8	No	0.530608634	0.00	0.452	Stable
PTX06-1010	639886.62	3758067.00	V	11/27/1995	5/17/2023	40	39	No	1.10881512	-215.00	0.994	Decreasing	4	4	No	3.099173992	2.00	0.625	No Trend	25	25	No	0.249707742	-64.00	0.929	Probably Decreasing	8	8	No	0.15759615	-8.00	0.801	Stable
PTX06-1011	639178.93	3757219.75	RDX	11/27/1995	5/17/2023	29	18	No	2.110927802	-66.00	0.888	No Trend	4	4	No	2.852037819	2.00	0.625	No Trend	15	11	No	1.269372995	36.00	0.9585	Increasing	5	5	No	0.525464028	-4.00	0.758	Stable
PTX06-1011	639178.93	3757219.75	HMX	11/27/1995	5/17/2023	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	TNT	11/27/1995	5/17/2023	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT24	11/27/1995	5/17/2023	29	5	No	1.248375443	-267.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT26	11/27/1995	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT2A	11/27/1995	5/17/2023	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT4A	11/27/1995	5/17/2023	29	5	No	1.093436718	-277.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	TNB135	11/27/1995	5/17/2023	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNB13	11/27/1995	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	MNX	12/3/2009	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNX	12/3/2009	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	TNX	12/3/2009	5/17/2023	15	9	No	1.445331834	3.00	0.539	No Trend	4	4	No	1.853464686	2.00	0.625	No Trend	15	9	No	1.445331834	3.00	0.539	No Trend	5	4	No	0.506950846	-6.00	0.883	Stable
PTX06-1011	639178.93	3757219.75	DIOXANE14	7/31/2003	5/17/2023	18	14	No	0.815977266	-55.00	0.98	Decreasing	4	4	No	2.022692907	6.00	0.958	Increasing	15	14	No	0.739924713	-11.00	0.687	Stable	5	5	No	0.423151103	8.00	0.958	Increasing
PTX06-1011	639178.93	3757219.75	PCE	11/27/1995	5/17/2023	30	26	No	0.960040756	-52.00	0.817	Stable	4	4	No	2.650873164	4.00	0.833	No Trend	15	15	No	0.352896915	17.00	0.782	No Trend	5	5	No	0.230295402	0.00	0.408	Stable
PTX06-1011	639178.93	3757219.75	TCE	11/27/1995	5/17/2023	31	31	No	0.479530389	65.00	0.86	No Trend	4	4	No	2.613546673	2.00	0.625	No Trend	15	15	No	0.505063848	33.00	0.943	Probably Increasing	5	5	No	0.101099286	0.00	0.408	Stable
PTX06-1011	639178.93	3757219.75	DCE12C	11/27/1995	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DCE12T	10/29/1996	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DCA12	11/27/1995	5/17/2023	29	14	No	1.179472322	-56.00	0.847	No Trend	4	4	No	2.751623914	4.00	0.833	No Trend	15	7	No	0.708757586	69.00	1	Increasing	5	5	No	0.297386394	2.00	0.592	No Trend

Perched Long Term Monitoring Well Trends

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
PTX06-1011	639178.93	3757219.75	TCLME	11/27/1995	5/17/2023	29	11	No	0.943244963	105.00	0.975	Increasing	4	4	No	2.599133623	3.00	0.729	No Trend	15	11	No	0.875456408	70.00	1	Increasing	5	5	No	0.249774838	4.00	0.758	No Trend
PTX06-1011	639178.93	3757219.75	VC	11/27/1995	5/17/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	PERC	4/23/2001	5/17/2023	23	10	No	0.224600912	-135.00	1	Decreasing	4	4	No	2.184133903	-6.00	0.958	Decreasing	15	10	No	0.254983638	-55.00	0.997	Decreasing	5	5	No	0.201732043	-6.00	0.883	Stable
PTX06-1011	639178.93	3757219.75	B	11/27/1995	5/17/2023	31	31	No	0.135113343	116.00	0.975	Increasing	4	4	No	2.599439579	-5.00	0.8955	No Trend	15	15	No	0.143541016	54.00	0.9965	Increasing	5	5	No	0.046364655	2.00	0.592	No Trend
PTX06-1011	639178.93	3757219.75	CR	11/27/1995	5/17/2023	31	31	No	1.877118783	-135.00	0.989	Decreasing	4	4	No	2.651660745	0.00	0.375	No Trend	15	15	No	0.907479479	-8.00	0.633	Stable	5	5	No	0.563043049	-3.00	0.675	Stable
PTX06-1011	639178.93	3757219.75	CR-6	11/27/1995	5/17/2023	31	24	No	0.846775335	-7.00	0.54	Stable	4	4	No	2.672938709	-2.00	0.625	No Trend	15	13	No	0.537274596	26.00	0.8895	No Trend	5	5	No	0.216137682	-6.00	0.883	Stable
PTX06-1011	639178.93	3757219.75	FE	11/27/1995	5/17/2023	31	28	No	2.003341883	-126.00	0.9835	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	12	No	1.128898075	-62.00	0.999	Decreasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1011	639178.93	3757219.75	MN	11/27/1995	5/17/2023	31	28	No	2.074860518	-106.00	0.963	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	12	No	0.619486029	-54.00	0.9965	Decreasing	5	4	No	0.489253667	-6.00	0.883	Stable
PTX06-1011	639178.93	3757219.75	MO	11/27/1995	5/17/2023	31	31	No	1.500121073	-172.00	0.9985	Decreasing	4	4	No	2.613574739	0.00	0.375	No Trend	15	15	No	0.546864425	-52.00	0.995	Decreasing	5	5	No	0.356533915	-2.00	0.592	Stable
PTX06-1011	639178.93	3757219.75	NI	11/27/1995	5/17/2023	31	31	No	1.231609609	-227.00	1	Decreasing	4	4	No	2.87588158	0.00	0.375	No Trend	15	15	No	0.765790812	-47.00	0.99	Decreasing	5	5	No	0.512421014	6.00	0.883	No Trend
PTX06-1011	639178.93	3757219.75	V	11/27/1995	5/17/2023	29	29	No	0.990999045	-94.00	0.959	Decreasing	4	4	No	2.504226808	-2.00	0.625	No Trend	15	15	No	0.401274199	-45.00	0.986	Decreasing	5	5	No	0.13488005	-5.00	0.8205	Stable
PTX06-1013	643710.38	3764075.09	RDX	11/14/1995	2/13/2023	41	38	No	0.39328184	-296.00	0.999539191	Decreasing	4	4	No	3.072371842	0.00	0.375	No Trend	19	19	No	0.178306122	-110.00	1	Decreasing	5	5	No	0.169092383	-6.00	0.883	Stable
PTX06-1013	643710.38	3764075.09	HMX	11/14/1995	2/13/2023	41	34	No	0.282861976	-42.00	0.67742471	Stable	4	4	No	3.183743023	0.00	0.375	No Trend	19	19	No	0.169288233	30.00	0.8425	No Trend	5	5	No	0.087194697	2.00	0.592	No Trend
PTX06-1013	643710.38	3764075.09	TNT	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT24	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT26	11/14/1995	2/13/2023	41	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT2A	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT4A	11/14/1995	2/13/2023	40	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TNB135	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNB13	11/14/1995	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	MNX	11/17/2009	2/13/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNX	11/17/2009	2/13/2023	19	16	No	0.216176144	-62.00	0.9845	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	16	No	0.216176144	-62.00	0.9845	Decreasing	5	4	No	0.307032626	2.00	0.592	No Trend
PTX06-1013	643710.38	3764075.09	TNX	11/17/2009	2/13/2023	19	19	No	0.267200742	-116.00	1	Decreasing	4	4	No	2.005174071	-4.00	0.833	No Trend	19	19	No	0.267200742	-116.00	1	Decreasing	5	5	No	0.190659528	-6.00	0.883	Stable
PTX06-1013	643710.38	3764075.09	PCE	11/14/1995	2/13/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TCE	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DCE12C	11/14/1995	2/13/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DCE12T	10/21/1996	2/13/2023	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DCA12	11/14/1995	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TCLME	11/14/1995	2/13/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	VC	11/14/1995	2/13/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	B	11/14/1995	2/13/2023	41	41	No	0.215220382	43.00	0.681444309	No Trend	4	4	No	3.048483109	-2.00	0.625	No Trend	19	19	No	0.284344079	-109.00	1	Decreasing	5	5	No	0.023604148	-4.00	0.758	Stable
PTX06-1013	643710.38	3764075.09	CR	11/14/1995	2/13/2023	41	35	No	1.510072067	-414.00	0.999998248	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	13	No	1.543180576	-72.00	0.9945	Decreasing	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1013	643710.38	3764075.09	CR-6	3/7/1996	2/13/2023	42	9	No	0.542347878	42.00	0.671599064	No Trend	4	4	No	3.131224035	4.00	0.833	No Trend	19	6	No	0.642650973	-95.00	1	Decreasing	5	4	No	1.534331729	0.00	0.408	No Trend
PTX06-1013	643710.38	3764075.09	FE	11/14/1995	2/13/2023	40	39	No	1.907245935	-342.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	18	No	1.018356466	-119.00	1	Decreasing	5	4	No	0.390856786	-6.00	0.883	Stable
PTX06-1013	643710.38	3764075.09	MN	11/14/1995	2/13/2023	40	35	No	2.099294737	-311.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	14	No	1.139769824	-79.00	0.997	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1013	643710.38	3764075.09	MO	11/14/1995	2/13/2023	40	39	No	0.690464638	-344.00	1	Decreasing	4	4	No	3.038351528	4.00	0.833	No Trend	19	19	No	0.492948607	-58.00	0.977	Decreasing	5	5	No	0.123777883	4.00	0.758	No Trend
PTX06-1013	643710.38	3764075.09	NI	11/14/1995	2/13/2023	40	40	No	2.828576873	-442.00	1	Decreasing	4	4	No	3.494765528	0.00	0.375	No Trend	19	19	No	0.704713783	-81.00	0.998	Decreasing	5	5	No	0.162944542	-2.00	0.592	Stable
PTX06-1013	643710.38	3764075.09	V	11/14/1995	2/13/2023	38	38	No	0.293660178	-29.00	0.637	Stable	4	4	No	2.928320488	-2.00	0.625	No Trend	19	19	No	0.212371296	-11.00	0.635	Stable	5	5	No	0.094111614	-6.00	0.883	Stable
PTX06-1014	643758.88	3755125.71	RDX	3/13/1996	7/18/2023	39	39	No	3.334744322	-277.00	1	Decreasing	4	4	No	2.995345894	-2.00	0.625	No Trend	14	14	No	0.182688651	37.00	0.976	Increasing	5	5	No	0.145623582	-2.00	0.592	Stable
PTX06-1014	643758.88	3755125.71	HMX	3/13/1996	7/18/2023	39	36	No	2.207103487	-347.00	1	Decreasing	4	4	No	3.009589327	-4.00	0.833	No Trend	14	14	No	0.303142742	39.00	0.982	Increasing	5	5	No	0.164090207	-2.00	0.592	Stable
PTX06-1014	643758.88	3755125.71	TNT	3/13/1996	7/18/2023	38	13	No	2.604444411	-93.00	0.875	No Trend	4	4	No	2.96963927	-6.00	0.958	Decreasing	14	13	No	0.286812933	13.00	0.741	No Trend	5	5	No	0.163104999	6.00	0.883	No Trend
PTX06-1014	643758.88	3755125.71	DNT24	3/13/1996	7/18/2023	38	15	No	2.154333609	-296.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	DNT26	3/13/1996	7/18/2023	39	13	No	2.85855812	-88.00	0.8525	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	14	5	No	1.183043923	-38.00	0.979	Decreasing	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DNT2A	3/13/1996	7/18/2023	38	34	No	1.081803122	-310.00	1	Decreasing	4	4	No	2.938092818	-4.00	0.833	No Trend	14	14	No	0.128400769	-47.00	0.995	Decreasing	5	5	No	0.085375067	0.00	0.408	Stable
PTX06-1014	643758.88	3755125.71	DNT4A	3/13/1996	7/18/2023	38	33	No	0.94283542	-167.00	0.982	Decreasing	4	4	No	2.962992362	-2.00	0.625	No Trend	14	14	No	0.32626404	-13.00	0.741	Stable	5	5	No	0.128357541	-4.00	0.758	Stable
PTX06-1014	643758.88	3755125.71	TNB135	3/13/1996	7/18/2023	38	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	DNB13	3/13/1996	7/18/2023	34	4	No	2.560296036	-268.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	MNX	8/10/2010	7/18/2023	14	8	No	0.941628069	-5.00	0.585	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	8	No	0.941628069	-5.00	0.585	Stable	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	DNX	8/10/2010	7/18/2023	14	14	No	0.289916297	-17.00	0.806	Stable	4	4	No	1.638016855	2.00	0.625	No Trend	14	14	No	0.289916297	-17.00	0.806	Stable	5	5	No	0.357247059	-4.00	0.758	Stable
PTX06-1014	643758.88	3755125.71	TNX	8/10/2010	7/18/2023	14	14	No	0.197947509	-5.00	0.585	Stable	4	4	No	1.591044827	-4.00	0.833	No Trend	14	14	No	0.197947509	-5.00	0.585	Stable	5	5	No	0.1028298	2.00	0.592	No Trend
PTX06-1014	643758.88	3755125.71	PCE	3/13/1996	7/18/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	TCE	3/13/1996	7/18/2023	39	13	No	0.572235576	-303.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DCE12C	3/13/1996	7/18/2023	34	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DCE12T	10/29/1996	7/18/2023	32	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DCA12	3/13/1996	7/18/2023	35	15	No	0.875386168	-307.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	TCLME	3/13/1996	7/18/2023	34	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	VC	3/13/1996	7/18/2023	39	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	B	3/13/1996	7/18/2023	39	39	No	0.277072416	-411.00	1	Decreasing	4	4	No	2.96905501	-2.00	0.625	No Trend	14	14	No	0.111791651	-41.00	0.987	Decreasing	5	5	No	0.106251884	-2.00	0.592	Stable
PTX06-1014	643758.88	3755125.71	CR	3/13/1996	7/18/2023	39	34	No	1.821129234	-231.00	0.998	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	9	No	0.290209678	9.00	0.666	No Trend	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	CR-6	3/13/1996	7/18/2023	39	20	No	0.688908863	-163.00	0.975	Decreasing	4	4	No	2.964289448	-4.00	0.833	No Trend	14	9	No	0.649859207	-61.00	1	Decreasing	5	5	No	0.042249846	0.00	0.408	Stable
PTX06-1014	643758.88	3755125.71	FE	3/13/1996	7/18/2023	38	33	No	3.010825412	-202.00	0.9945	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	9	No	0.503742657	-46.00	0.994	Decreasing	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	MN	3/13/1996	7/18/2023	38	23	No	1.037782381	-111.00	0.916	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	8	No	1.286169799	14.00	0.758	No Trend	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	MO	3/13/1996	7/18/2023	37	37	No	0.679147208	-269.00	1	Decreasing	4	4	No	2.977590273	4.00	0.833	No Trend	14	14	No	0.311903208	39.00	0.982	Increasing	5	5	No	0.103749515	6.00	0.883	No Trend
PTX06-1014	643758.88	3755125.71	NI	3/13/1996	7/18/2023	37	32	No	3.323066641	-248.00	1	Decreasing	4	4	No	3.392050779	2.00	0.625	No Trend	14	14	No	1.315073364	-34.00	0.9645	Decreasing	5	5	No	0.438344475	-10.00	0.992	Decreasing
PTX06-1014	643758.88	3755125.71	V	3/13/1996	7/18/2023	33	33	No	0.349193857	-217.00	1	Decreasing	4	4	No	2.698695941	0.00	0.375	No Trend	14	14	No	0.062343918	3.00	0.543	No Trend	5	5	No	0.035527817	4.00	0.758	No Trend
PTX06-1023	642773.84	3764603.10	RDX	12/10/1995	2/13/2023	47	31	No	1.431659216	-678.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	12	No	1.470848373	-108.00	0.994	Decreasing	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1023	642773.84	3764603.10	HMX	12/10/1995	2/13/2023	47	26	No	1.037975378	-749.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	8	No	1.832454602	-96.00	0.987	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TNT	12/10/1995	2/13/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT24	12/10/1995	2/13/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT26	12/10/1995	2/13/2023	47	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT2A	12/10/1995	2/13/2023	47	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT4A	12/10/1995	2/13/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TNB135	12/10/1995	2/13/2023	47	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNB13	12/10/1995	2/13/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	MNX	11/17/2009	2/13/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNX	11/17/2009	2/13/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TNX	11/17/2009	2/13/2023	25	5	No	0.150145432	-81.00	0.9695	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	5	No	0.150145432	-81.00	0.9695	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	PCE	12/10/1995	2/13/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TCE	12/10/1995	2/13/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DCE12C	12/10/1995	2/13/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DCE12T	10/22/1996	2/13/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DCA12	12/10/1995	2/13/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TCLME	12/10/1995	2/13/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	VC	12/10/1995	2/13/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	B	10/18/1995	2/13/2023	49	49	No	0.671621875	-820.00	1	Decreasing	4	4	No	3.355392623	-2.00	0.625	No Trend	25	25	No	0.5967379	-138.00	1	Decreasing	8	8	No	0.051912783	-2.00	0.548	Stable
PTX06-1023	642773.84	3764603.10	CR	10/18/1995	2/13/2023	48	29	No	2.502179326	-257.00	0.988557179	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	7	No	1.012560532	3.00	0.5185	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	CR-6	3/5/1996	2/13/2023	49	19	No	0.581984746	-343.00	0.998400731	Decreasing	4	4	No	3.363359808	0.00	0.375	No Trend	25	11	No	0.637497736	-196.00	1	Decreasing	8	8	No	0.183870587	2.00	0.548	No Trend
PTX06-1023	642773.84	3764603.10	FE	10/18/1995	2/13/2023	47	36	No	5.425211753	-359.00	0.999486497	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	15	No	1.138068488	-208.00	1	Decreasing	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1023	642773.84	3764603.10	MN	10/18/1995	2/13/2023	48	25	No	6.174872488	-400.00	0.99980468	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	7	No	1.341587749	-31.00	0.756	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	MO	10/18/1995	2/13/2023	47	47	No	1.575393376	-412.00	0.999918067	Decreasing	4	4	No	3.280758534	2.00	0.625	No Trend	25	25	No	0.28294177	-149.00	1	Decreasing	8	8	No	0.045258746	-11.00	0.8865	Stable
PTX06-1023	642773.84	3764603.10	NI	10/18/1995	2/13/2023	47	46	No	1.603064944	-809.00	1	Decreasing	4	4	No	3.321813443	4.00	0.833	No Trend	25	24	No	1.220519102	-190.00	1	Decreasing	8	7	No	0.303345545	-5.00	0.683	Stable
PTX06-1023	642773.84	3764603.10	V	10/18/1995	2/13/2023	42	42	No	1.270671588	208.00	0.987562538	Increasing	4	4	No	3.083592925	4.00	0.833	No Trend	25	25	No	0.064726641	-52.00	0.882	Stable	8	8	No	0.035781206	-11.00	0.8865	Stable
PTX06-1031	644674.92	3753348.03	RDX	8/20/1996	5/3/2023	54	51	No	0.552883801	854.00	1	Increasing	4	4	No	3.578361159	-2.00	0.625	No Trend	28	28	No	0.211214253	147.00	0.998	Increasing	10	10	No	0.196402602	9.00	0.758	No Trend
PTX06-1031	644674.92	3753348.03	HMX	8/20/1996	5/3/2023	52	41	No	0.864129957	957.00	1	Increasing	4	4	No	3.477848149	6.00	0.958	Increasing	28	28	No	0.463145715	310.00	1	Increasing	10	10	No	0.169041399	29.00	0.995	Increasing
PTX06-1031	644674.92	3753348.03	TNT	8/20/1996	5/3/2023	52	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT24	8/20/1996	5/3/2023	53	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT26	8/20/1996	5/3/2023	52	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT2A	8/20/1996	5/3/2023	53	8	No	1.5695867	-636.00	0.999999445	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT4A	8/20/1996	5/3/2023	53	47	No	0.404007196	357.00	0.996840674	Increasing	4	4	No	3.559458761	0.00	0.375	No Trend	28	26	No	0.307579301	197.00	1	Increasing	10	10	No	0.122925006	5.00	0.636	No Trend
PTX06-1031	644674.92	3753348.03	TNB135	8/20/1996	5/3/2023	51	11	No	1.50644287	-588.00	0.999999068	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	28	6	No	0.127442695	-141.00	0.9975	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNB13	8/20/1996	5/3/2023	47	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	MNX	11/30/2009	5/3/2023	28	4	No	0.102214658	-201.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	4	No	0.102214658	-201.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1031	644674.92	3753348.03	DNX	11/30/2009	5/3/2023	27	10	No	0.152677573	-99.00	0.98	Decreasing	4	4	No	2.425747147	6.00	0.958	Increasing	27	10	No	0.152677573	-99.00	0.98	Decreasing	10	7	No	0.152249296	-10.00	0.784	Stable
PTX06-1031	644674.92	3753348.03	TNX	11/30/2009	5/3/2023	28	28	No	0.743934399	302.00	1	Increasing	4	4	No	2.454226892	2.00	0.625	No Trend	28	28	No	0.743934399	302.00	1	Increasing	10	10	No	0.371326621	33.00	0.999	Increasing
PTX06-1031	644674.92	3753348.03	PCE	8/20/1996	5/3/2023	51	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1031	644674.92	3753348.03	TCE	8/20/1996	5/3/2023	55	40	No	0.301697057	-532.00	0.999942092	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	22	No	0.221392129	-34.00	0.741	Stable	10	9	No	0.130571034	-3.00	0.569	Stable
PTX06-1031	644674.92	3753348.03	DCE12C	8/20/1996	5/3/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DCE12T	11/4/1996	5/3/2023	48	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DCA12	8/20/1996	5/3/2023	50	37	No	0.87701256	-382.00	0.999281243	Decreasing	4	4	No	3.411002463	0.00	0.375	No Trend	28	20	No	0.30445916	139.00	0.997	Increasing	10	10	No	0.210943218	-2.00	0.5345	Stable
PTX06-1031	644674.92	3753348.03	TCLME	8/20/1996	5/3/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	VC	8/20/1996	5/3/2023	55	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	B	8/20/1996	5/3/2023	54	54	No	0.37228681	1047.00	1	Increasing	4	4	No	3.539527105	0.00	0.375	No Trend	28	28	No	0.123084834	242.00	1	Increasing	10	10	No	0.058062843	21.00	0.964	Increasing
PTX06-1031	644674.92	3753348.03	CR	8/20/1996	5/3/2023	54	54	No	1.589945952	-265.00	0.975554791	Decreasing	4	4	No	4.534943882	2.00	0.625	No Trend	28	28	No	1.242921623	14.00	0.6	No Trend	10	10	No	0.985504214	17.00	0.922	Probably Increasing
PTX06-1031	644674.92	3753348.03	CR-6	8/20/1996	5/3/2023	54	28	No	2.590275207	608.00	0.999997029	Increasing	4	4	No	4.931575919	4.00	0.833	No Trend	28	21	No	2.272777436	173.00	1	Increasing	10	10	No	0.440478016	21.00	0.964	Increasing
PTX06-1031	644674.92	3753348.03	FE	8/20/1996	5/3/2023	51	48	No	1.538320415	-346.00	0.997461938	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	25	No	1.494381069	-119.00	0.9905	Decreasing	10	9	No	0.710841943	15.00	0.892	No Trend
PTX06-1031	644674.92	3753348.03	MN	8/20/1996	5/3/2023	53	42	No	1.142865173	-442.00	0.999641219	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	19	No	0.796163329	-18.00	0.63	Stable	10	5	No	0.969632058	13.00	0.854	No Trend
PTX06-1031	644674.92	3753348.03	MO	8/20/1996	5/3/2023	52	51	No	1.103534989	-395.00	0.999061658	Decreasing	4	4	No	3.480473062	0.00	0.375	No Trend	28	28	No	0.48902318	-79.00	0.9375	Probably Decreasing	10	10	No	0.379355329	15.00	0.892	No Trend
PTX06-1031	644674.92	3753348.03	NI	8/20/1996	5/3/2023	52	50	No	1.177699687	-658.00	0.999999892	Decreasing	4	4	No	4.164110332	-2.00	0.625	No Trend	28	27	No	1.0247683	-178.00	1	Decreasing	10	9	No	1.094815599	-27.00	0.992	Decreasing
PTX06-1031	644674.92	3753348.03	V	8/20/1996	5/3/2023	46	46	No	0.660616639	-72.00	0.749284151	Stable	4	4	No	3.258675424	-2.00	0.625	No Trend	28	28	No	0.304474263	3.00	0.5155	No Trend	10	10	No	0.154379143	13.00	0.854	No Trend
PTX06-1034	646555.62	3752434.98	RDX	5/6/1998	8/7/2023	53	43	No	1.090862108	1065.00	1	Increasing	4	4	No	3.513789843	-4.00	0.833	No Trend	29	29	No	0.472228813	227.00	1	Increasing	10	10	No	0.174232412	5.00	0.636	No Trend
PTX06-1034	646555.62	3752434.98	HMX	5/6/1998	8/7/2023	52	25	No	1.282927819	550.00	0.999992619	Increasing	4	4	No	3.537615895	2.00	0.625	No Trend	29	24	No	1.025739074	340.00	1	Increasing	10	10	No	0.490330086	23.00	0.977	Increasing
PTX06-1034	646555.62	3752434.98	TNT	5/6/1998	8/7/2023	52	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT24	5/6/1998	8/7/2023	52	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT26	5/6/1998	8/7/2023	52	29	No	0.654589505	-675.00	0.999999948	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	27	No	0.12225226	-199.00	1	Decreasing	10	9	No	0.049319721	-3.00	0.569	Stable
PTX06-1034	646555.62	3752434.98	DNT2A	5/6/1998	8/7/2023	52	9	No	1.109250075	-686.00	0.999999968	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT4A	5/6/1998	8/7/2023	53	52	No	0.710001862	626.00	0.999999183	Increasing	4	4	No	3.555694574	2.00	0.625	No Trend	29	29	No	0.462540394	-80.00	0.93	Probably Decreasing	10	10	No	0.113806681	1.00	0.5	No Trend
PTX06-1034	646555.62	3752434.98	TNB135	5/6/1998	8/7/2023	52	17	No	0.535509544	-512.00	0.999972388	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	11	No	0.165684932	-149.00	0.9975	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1034	646555.62	3752434.98	DNB13	5/6/1998	8/7/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	MNX	11/30/2009	8/7/2023	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)

Perched Long Term Monitoring Well Trends

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
PTX06-1034	646555.62	3752434.98	DNX	11/30/2009	8/7/2023	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1034	646555.62	3752434.98	TNX	11/30/2009	8/7/2023	29	29	No	0.470313324	-32.00	0.718	Stable	4	4	No	2.503601281	4.00	0.833	No Trend	29	29	No	0.470313324	-32.00	0.718	Stable	10	10	No	0.299509123	-17.00	0.922	Probably Decreasing
PTX06-1034	646555.62	3752434.98	PCE	5/6/1998	8/7/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	TCE	5/6/1998	8/7/2023	53	38	No	0.770958497	-148.00	0.870254144	Stable	4	4	No	3.523729913	-4.00	0.833	No Trend	29	29	No	0.315365098	-98.00	0.966	Decreasing	10	10	No	0.095437469	0.00	0.464333333	Stable
PTX06-1034	646555.62	3752434.98	DCE12C	8/18/1998	8/7/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DCE12T	8/18/1998	8/7/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DCA12	5/6/1998	8/7/2023	49	26	No	1.163342226	-367.00	0.999197124	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	22	No	0.200686573	26.00	0.679	No Trend	10	9	No	0.173551427	-9.00	0.758	Stable
PTX06-1034	646555.62	3752434.98	TCLME	5/6/1998	8/7/2023	48	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	VC	5/6/1998	8/7/2023	53	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	B	5/6/1998	8/7/2023	53	53	No	0.649972287	1033.00	1	Increasing	4	4	No	3.51636263	-2.00	0.625	No Trend	29	29	No	0.382445126	291.00	1	Increasing	10	10	No	0.124650743	17.00	0.922	Probably Increasing
PTX06-1034	646555.62	3752434.98	CR	5/6/1998	8/7/2023	53	48	No	0.427904065	487.00	0.999903483	Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	24	No	0.378553143	43.00	0.7825	No Trend	10	8	No	0.188252565	6.00	0.668	No Trend
PTX06-1034	646555.62	3752434.98	CR-6	2/26/1998	8/7/2023	52	23	No	0.437785446	-304.00	0.991598635	Decreasing	4	4	No	3.472009664	-4.00	0.833	No Trend	28	18	No	0.511980635	-272.00	1	Decreasing	10	10	No	0.065508908	-13.00	0.854	Stable
PTX06-1035	633027.45	3755092.64	RDX	8/26/1998	9/27/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	HMX	8/26/1998	9/27/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TNT	8/26/1998	9/27/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT24	8/26/1998	9/27/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT26	8/26/1998	9/27/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT2A	8/26/1998	9/27/2023	49	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	DNT4A	8/26/1998	9/27/2023	51	43	No	3.825777263	-511.00	0.99998281	Decreasing	4	4	No	3.453152533	6.00	0.958	Increasing	29	26	No	0.998324674	-167.00	0.999	Decreasing	10	10	No	0.192336205	15.00	0.892	No Trend
PTX06-1035	633027.45	3755092.64	TNB135	8/26/1998	9/27/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	DNB13	8/26/1998	9/27/2023	46	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	MNX	11/19/2009	9/27/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNX	11/19/2009	9/27/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TNX	11/19/2009	9/27/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DIOXANE14	8/11/2005	9/27/2023	34	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	PCE	8/26/1998	9/27/2023	46	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TCE	8/26/1998	9/27/2023	50	24	No	2.110437888	554.00	0.999998134	Increasing	4	4	No	3.744963866	6.00	0.958	Increasing	29	24	No	1.720782018	344.00	1	Increasing	10	10	No	0.420631881	31.00	0.998	Increasing
PTX06-1035	633027.45	3755092.64	DCE12C	11/4/2002	9/27/2023	45	4	No	0.342949095	88.00	0.802632493	No Trend	4	4	No	3.60166879	6.00	0.958	Increasing	29	4	No	0.405934383	56.00	0.847	No Trend	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DCE12T	11/4/2002	9/27/2023	45	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DCA12	8/26/1998	9/27/2023	46	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TCLME	8/26/1998	9/27/2023	45	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	VC	8/26/1998	9/27/2023	50	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	PERC	4/19/2001	9/27/2023	46	31	No	1.225688569	847.00	1	Increasing	4	4	No	3.265349061	4.00	0.833	No Trend	29	29	No	0.814274356	353.00	1	Increasing	10	10	No	0.323588166	28.00	0.9935	Increasing
PTX06-1035	633027.45	3755092.64	B	8/26/1998	9/27/2023	44	44	No	0.192153821	672.00	1	Increasing	4	4	No	3.172485895	0.00	0.375	No Trend	29	29	No	0.110691332	226.00	1	Increasing	10	10	No	0.07274796	3.00	0.569	No Trend
PTX06-1035	633027.45	3755092.64	AS	8/26/1998	9/27/2023	28	19	No	0.323385847	46.00	0.811	No Trend	4	4	No	2.478412951	6.00	0.958	Increasing	13	11	No	0.20482256	26.00	0.936	Probably Increasing	9	7	No	0.22658401	11.00	0.8455	No Trend
PTX06-1035	633027.45	3755092.64	BA	8/26/1998	9/27/2023	34	34	No	0.434311985	-263.00	1	Decreasing	4	4	No	2.739809096	0.00	0.375	No Trend	17	17	No	0.205078082	101.00	1	Increasing	9	9	No	0.117512255	28.00	0.999	Increasing
PTX06-1035	633027.45	3755092.64	MN	8/26/1998	9/27/2023	34	19	No	1.135940513	-60.00	0.808	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	17	9	No	0.296129196	34.00	0.912	Probably Increasing	9	4	No	0.288407284	0.00	0.46	Stable
PTX06-1038	643802.04	3760426.35	RDX	4/30/1998	4/18/2023	48	48	No	0.792760865	-760.00	1	Decreasing	4	4	No	3.338865527	0.00	0.375	No Trend	25	25	No	1.092618779	-256.00	1	Decreasing	8	8	No	0.164379826	-16.00	0.969	Decreasing
PTX06-1038	643802.04	3760426.35	HMX	4/30/1998	4/18/2023	48	47	No	0.531116565	-732.00	1	Decreasing	4	4	No	3.402849751	-4.00	0.833	No Trend	25	25	No	0.482099913	-216.00	1	Decreasing	8	8	No	0.183392987	-6.00	0.726	Stable
PTX06-1038	643802.04	3760426.35	TNT	4/30/1998	4/18/2023	48	45	No	0.512334169	-82.00	0.764216343	Stable	4	4	No	3.318899039	-4.00	0.833	No Trend	25	24	No	0.468773257	-157.00	1	Decreasing	8	8	No	0.26176124	-24.00	0.999	Decreasing
PTX06-1038	643802.04	3760426.35	DNT2A	4/30/1998	4/18/2023	48	46	No	0.794164278	-717.00	1	Decreasing	4	4	No	3.338890468	-6.00	0.958	Decreasing	25	25	No	0.729753985	-268.00	1	Decreasing	8	8	No	0.19477366	-26.00	1	Decreasing
PTX06-1038	643802.04	3760426.35	DNT4A	4/30/1998	4/18/2023	48	45	No	0.61643502	-378.00	0.999597095	Decreasing	4	4	No	3.323237479	-4.00	0.833	No Trend	25	25	No	0.496736204	-225.00	1	Decreasing	8	8	No	0.228020542	-25.00	0.9995	Decreasing
PTX06-1038	643802.04	3760426.35	TNB135	4/30/1998	4/18/2023	46	35	No	2.755467581	228.00	0.984193517	Increasing	4	4	No	3.248282985	2.00	0.625	No Trend	24	23	No	2.5035466	-54.00	0.905	Probably Decreasing	8	8	No	0.064057804	-4.00	0.64	Stable
PTX06-1038	643802.04	3760426.35	MNX	8/3/2009	4/18/2023	25	25	No	0.769849185	-245.00	1	Decreasing	4	4	No	2.398026032	-6.00	0.958	Decreasing	25	25	No	0.769849185	-245.00	1	Decreasing	8	8	No	0.303598748	-8.00	0.801	Stable
PTX06-1038	643802.04	3760426.35	DNX	8/3/2009	4/18/2023	25	25	No	0.687372433	-226.00	1	Decreasing	4	4	No	2.504044506	-6.00	0.958	Decreasing	25	25	No	0.687372433	-226.00	1	Decreasing	8	8	No	0.383559969	0.00	0.452	Stable
PTX06-1038	643802.04	3760426.35	TNX	8/3/2009	4/18/2023	25	25	No	1.141077521	-260.00	1	Decreasing	4	4	No	2.301888013	-6.00	0.958	Decreasing	25	25	No	1.141077521	-260.00	1	Decreasing	8	8	No	0.183583832	-12.00	0.911	Probably Decreasing
PTX06-1038	643802.04	3760426.35	PCE	4/30/1998	4/18/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	TCE	4/30/1998	4/18/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DCE12C	5/11/1999	4/18/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DCE12T	5/11/1999	4/18/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DCA12	4/30/1998	4/18/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	TCLME	4/30/1998	4/18/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	VC	4/30/1998	4/18/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	B	4/30/1998	4/18/2023	47	47	No	0.344370594	-852.00	1	Decreasing	4	4	No	3.283626087	-4.00	0.833	No Trend	25	25	No	0.292515023	-234.00	1	Decreasing	8	8	No	0.080703536	-10.00	0.862	Stable
PTX06-1038	643802.04	3760426.35	CR	4/30/1998	4/18/2023	46	33	No	0.465394748	-81.00	0.775610487	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	13	No	0.292215801	-18.00	0.653	Stable	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	CR-6	8/31/1998	4/18/2023	44	27	No	0.571392016	-493.00	0.999999676	Decreasing	4	4	No	3.22207593	-6.00	0.958	Decreasing	24	15	No	0.684534281	-191.00	1	Decreasing	8	8	No	0.103961221	2.00	0.548	No Trend
PTX06-1039A	643807.47	3759272.56	RDX	6/30/1998	10/31/2023	44	44	No	0.306614241	-159.00	0.944984458	Probably Decreasing	4	4	No	3.294874861	-2.00	0.625	No Trend	25	25	No	0.233242529	-33.00	0.7705	Stable	8	8	No	0.29996438	0.00	0.452	Stable
PTX06-1039A	643807.47	3759272.56	HMX	6/30/1998	10/31/2023	44	43	No	0.802641929	163.00	0.949342376	Probably Increasing	4	4	No	3.328337364	-2.00	0.625	No Trend	25	25	No	0.334770454	77.00	0.962	Increasing	8	8	No	0.349986764	-4.00	0.64	Stable
PTX06-1039A	643807.47	3759272.56	TNT	6/30/1998	10/31/2023	44	34	No	0.666291298	163.00	0.949342376	Probably Increasing	4	4	No	3.165189244	-4.00	0.833	No Trend	25	25	No	0.30754608	-234.00	1	Decreasing	8	8	No	0.084667622	-22.00	0.998	Decreasing
PTX06-1039A	643807.47	3759272.56	DNT24	6/30/1998	10/31/2023	44	18	No	2.346014103	-505.00	0.999999828	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	6	No	1.339146745	-52.00	0.882	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DNT26	6/30/1998	10/31/2023	44	18	No	4.49997106	-199.00	0.977391166	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	0.612003027	-88.00	0.979	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DNT2A	6/30/1998	10/31/2023	44	39	No	0.825892754	-177.00	0.962471033	Decreasing	4	4	No	3.178624973	0.00	0.375	No Trend	25	25	No	0.600188428	-247.00	1	Decreasing	8	8	No	0.296082898	-24.00	0.999	Decreasing
PTX06-1039A	643807.47	3759272.56	DNT4A	6/30/1998	10/31/2023	44	41	No	0.828627901	266.00	0.996321965	Increasing	4	4	No	3.163812537	2.00	0.625	No Trend	25	25	No	0.801229016	76.00	0.96	Increasing	8	8	No	0.200626972	14.00	0.946	Probably Increasing
PTX06-1039A	643807.47	3759272.56	TNB135	6/30/1998	10/31/2023	43	32	No	3.085776591	340.00	0.999805752	Increasing	4	4	No	3.175896002	6.00	0.958	Increasing	25	25	No	0.276517877	106.00	0.993	Increasing	8	8	No	0.112946749	8.00	0.801	No Trend
PTX06-1039A	643807.47	3759272.56	DNB13	6/30/1998	10/31/2023	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	MNX	11/23/2009	10/31/2023	25	25	No	0.372301329	83.00	0.9725	Increasing	4	4	No	2.47873606	-6.00	0.958	Decreasing	25	25	No	0.372301329	83.00	0.9725	Increasing	8	8	No	0.332289175	-2.00	0.548	Stable
PTX06-1039A	643807.47	3759272.56	DNX	11/23/2009	10/31/2023	25	25	No	0.579461142	170.00	1	Increasing	4	4	No	2.715112025	-6.00	0.958	Decreasing	25	25	No	0.579461142	170.00	1	Increasing	8	8	No	0.385530715	8.00	0.801	No Trend
PTX06-1039A	643807.47	3759272.56	TNX	11/23/2009	10/31/2023	25	25	No	0.300687475	76.00	0.96	Increasing	4	4	No	2.51379838	-6.00	0.958	Decreasing	25	25	No	0.300687475	76.00	0.96	Increasing	8	8	No	0.268794509	4.00	0.64	No Trend
PTX06-1039A	643807.47	3759272.56	PCE	8/31/1998	10/31/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	TCE	8/31/1998	10/31/2023	42	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DCE12C	5/11/1999	10/31/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DCE12T	5/11/1999	10/31/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DCA12	8/31/1998	10/31/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	TCLME	8/31/1998	10/31/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	VC	8/31/1998	10/31/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	B	8/31/1998	10/31/2023	42	42	No	0.09627718	-290.00	0.999131917	Decreasing	4	4	No	3.087780426	4.00	0.833	No Trend	25	25	No	0.083151381	-103.00	0.9915	Decreasing	8	8	No	0.069313127	-15.00	0.9575	Decreasing
PTX06-1039A	643807.47	3759272.56	CR	8/31/1998	10/31/2023	42	26	No	0.475769906	75.00	0.788713921	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	9	No	0.339477337	-8.00	0.564	Stable	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1039A	643807.47	3759272.56	CR-6	8/31/1998	10/31/2023	43	20	No	0.684641454	-389.00	0.999975525	Decreasing	4	4	No	3.178512844	-6.00	0.958	Decreasing	25	13	No	0.697018443	-183.00	1	Decreasing	8	8	No	0.170282701	18.00	0.984	Increasing
PTX06-1041	643803.61	3757622.78	RDX	10/7/1999	10/30/2023	45	45	No	0.193590113	-97.00	0.82616099	Stable	4	4	No	3.383948205	-2.00	0.625	No Trend	28	28	No	0.212023254	11.00	0.5775	No Trend	10	10	No	0.271433985	15.00	0.892	No Trend
PTX06-1041	643803.61	3757622.78	HMX	10/7/1999	10/30/2023	45	44	No	0.384398806	-356.00	0.999742397	Decreasing	4	4	No	3.218927433	0.00	0.375	No Trend	28	28	No	0.19303348	-96.00	0.97	Decreasing	10	10	No	0.183486488	-3.00	0.569	Stable
PTX06-1041	643803.61	3757622.78	TNT	10/7/1999	10/30/2023	44	36	No	1.265656201	-223.00	0.987627684	Decreasing	4	4	No	4.412646181	6.00	0.958	Increasing	28	28	No	1.32673967	-340.00	1	Decreasing	10	10	No	0.444478999	-41.00	1	Decreasing
PTX06-1041	643803.61	3757622.78	DNT24	10/7/1999	10/30/2023	45	18	No	1.849250996	-525.00	0.999999852	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	28	4	No	2.10004441	-76.00	0.93	Probably Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	DNT26	10/7/1999	10/30/2023	45	20	No	1.405873677	178.00	0.958316068	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	19	No	0.72241558	-5.00	0.531	Stable	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	DNT2A	10/7/1999	10/30/2023	44	39	No	1.26157268	-97.00	0.834218187	No Trend	4	4	No	3.218754342	4.00	0.833	No Trend	28	27	No	0.356048704	-34.00	0.741	Stable	10	10	No	0.213023591	-31.00	0.998	Decreasing
PTX06-1041	643803.61	3757622.78	DNT4A	10/7/1999	10/30/2023	45	45	No	0.51615382	-333.00	0.999418352	Decreasing	4	4	No	3.259480528	-2.00	0.625	No Trend	28	28	No	0.604095762	-235.00	1	Decreasing	10	10	No	0.108334645	-18.00	0.934	Probably Decreasing
PTX06-1041	643803.61	3757622.78	TNB135	10/7/1999	10/30/2023	43	32	No	2.889949183	65.00	0.748503181	No Trend	4	4	No	3.527512178	4.00	0.833	No Trend	27	27	No	0.331500241	-231.00	1	Decreasing	10	10	No	0.254247047	-23.00	0.977	Decreasing
PTX06-1041	643803.61	3757622.78	DNB13	10/7/1999	10/30/2023	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	MNX	11/23/2009	10/30/2023	28	27	No	0.661194428	-281.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	27	No	0.661194428	-281.00	1	Decreasing	10	9	No	0.379352061	-9.00	0.758	Stable
PTX06-1041	643803.61	3757622.78	DNX	11/23/2009	10/30/2023	28	27	No	0.531914362	-232.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	27	No	0.531914362	-232.00	1	Decreasing	10	10	No	0.45723464	-15.00	0.892	Stable
PTX06-1041	643803.61	3757622.78	TNX	11/23/2009	10/30/2023	28	28	No	0.403325091	-214.00	1	Decreasing	4	4	No	2.788314913	4.00	0.833	No Trend	28	28	No	0.403325091	-214.00	1	Decreasing	10	10	No	0.318564045	-23.00	0.977	Decreasing
PTX06-1041	643803.61	3757622.78	PCE	10/7/1999	10/30/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	TCE	10/7/1999	10/30/2023	45	4	No	0.821392242	34.00	0.626582912	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	DCE12C	10/23/2001	10/30/2023	40	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	DCE12T	10/23/2001	10/30/2023	40	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	DCA12	10/7/1999	10/30/2023	44	7	No	0.723275784	-20.00	0.576195863	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	TCLME	10/7/1999	10/30/2023	43	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	VC	10/7/1999	10/30/2023	45	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	B	10/7/1999	10/30/2023	45	45	No	0.16605353	69.00	0.747037988	No Trend	4	4	No	3.303888986	4.00	0.833	No Trend	28	28	No	0.134996332	-159.00	0.999	Decreasing	10	10	No	0.104587492	-21.00	0.964	Decreasing
PTX06-1041	643803.61	3757622.78	CR	10/7/1999	10/30/2023	45	36	No	0.66213895	236.00	0.989243133	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	19	No	0.636044351	48.00	0.822	No Trend	10	8	No	0.695548995	10.00	0.784	No Trend
PTX06-1041	643803.61	3757622.78	CR-6	10/7/1999	10/30/2023	45	25	No	0.594327423	-225.00	0.985782772	Decreasing	4	4	No	3.854861165	-6.00	0.958	Decreasing	28	19	No	0.662156729	-130.00	0.995	Decreasing	10	10	No	0.978530571	27.00	0.992	Increasing
PTX06-1046	643802.63	3752292.55	RDX	1/5/2000	10/25/2023	50	50	No	0.590356739	177.00	0.929518582	Probably Increasing	4	4	No	3.5017693	-4.00	0.833	No Trend	29	29	No	0.657993682	-196.00	1	Decreasing	10	10	No	0.57066397	-43.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	HMX	1/5/2000	10/25/2023	49	44	No	0.90934993	249.00	0.983730231	Increasing	4	4	No	3.418221467	-6.00	0.958	Decreasing	29	29	No	0.726096904	-158.00	0.999	Decreasing	10	10	No	0.843088446	-41.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	TNT	1/5/2000	10/25/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT24	1/5/2000	10/25/2023	50	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT26	1/5/2000	10/25/2023	49	8	No	3.96423808	-579.00	0.999999686	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT2A	1/5/2000	10/25/2023	49	24	No	2.98845337	114.00	0.834982013	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	29	23	No	0.82391889	-96.00	0.963	Decreasing	10	8	No	0.899008502	-40.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	DNT4A	1/5/2000	10/25/2023	50	44	No	0.725837344	-312.00	0.995358751	Decreasing	4	4	No	3.728420995	-4.00	0.833	No Trend	29	29	No	0.613920329	-214.00	1	Decreasing	10	10	No	0.346759861	-25.00	0.986	Decreasing
PTX06-1046	643802.63	3752292.55	TNB135	1/5/2000	10/25/2023	48	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1046	643802.63	3752292.55	DNB13	1/5/2000	10/25/2023	46	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	MNX	8/4/2009	10/25/2023	29	12	No	0.770916463	-148.00	0.997	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	12	No	0.770916463	-148.00	0.997	Decreasing	10	4	No	0.289977551	-11.00	0.81	Stable
PTX06-1046	643802.63	3752292.55	DNX	8/4/2009	10/25/2023	29	21	No	0.687451595	-181.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	21	No	0.687451595	-181.00	1	Decreasing	10	6	No	0.73819546	-42.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	TNX	8/4/2009	10/25/2023	29	29	No	0.745005168	-209.00	1	Decreasing	4	4	No	2.616424246	-4.00	0.833	No Trend	29	29	No	0.745005168	-209.00	1	Decreasing	10	10	No	0.770060873	-43.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	PCE	9/11/2000	10/25/2023	45	7	No	0.88783695	-206.00	0.977538543	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	6	No	0.102848717	-9.00	0.559	Stable	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	TCE	9/11/2000	10/25/2023	49	36	No	0.367882995	-394.00	0.999647459	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	16	No	0.296781679	1.00	0.5	No Trend	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1046	643802.63	3752292.55	DCE12C	10/24/2001	10/25/2023	45	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DCE12T	10/24/2001	10/25/2023	45	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DCA12	9/11/2000	10/25/2023	45	34	No	0.756325099	-687.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	19	No	0.633581192	-317.00	1	Decreasing	10	4	No	0.260206819	-14.00	0.873	Stable
PTX06-1046	643802.63	3752292.55	TCLME	9/11/2000	10/25/2023	44	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	VC	9/11/2000	10/25/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	B	1/5/2000	10/25/2023	50	50	No	0.429623442	259.00	0.984541265	Increasing	4	4	No	3.399539922	2.00	0.625	No Trend	29	29	No	0.420410558	-167.00	0.999	Decreasing	10	10	No	0.427990476	-43.00	1	Decreasing
PTX06-1046	643802.63	3752292.55	CR	1/5/2000	10/25/2023	50	34	No	0.870106982	557.00	0.999998347	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	29	16	No	0.694374673	34.00	0.73	No Trend	10	7	No	0.65862445	6.00	0.668	No Trend
PTX06-1046	643802.63	3752292.55	CR-6	9/11/2000	10/25/2023	49	28	No	0.630603263	-9.00	0.527488747	Stable	4	4	No	3.595514703	-6.00	0.958	Decreasing	29	22	No	0.668913993	-145.00	0.997	Decreasing	10	10	No	0.708185446	-7.00	0.7	Stable
PTX06-1047A	643817.46	3752004.39	RDX	9/11/2000	10/25/2023	44	36	No	1.312019181	21.00	0.580153133	No Trend	4	4	No	3.432751014	0.00	0.375	No Trend	28	28	No	1.251697459	-235.00	1	Decreasing	9	9	No	0.552768159	-14.00	0.91	Probably Decreasing
PTX06-1047A	643817.46	3752004.39	HMX	9/11/2000	10/25/2023	44	18	No	1.205705362	-364.00	0.999879424	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	13	No	1.31085235	-247.00	1	Decreasing	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TNT	9/11/2000	10/25/2023	44	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT24	9/11/2000	10/25/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT26	9/11/2000	10/25/2023	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT2A	9/11/2000	10/25/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT4A	9/11/2000	10/25/2023	43	33	No	1.169318138	-116.00	0.885613071	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	27	25	No	1.086409529	-183.00	1	Decreasing	9	9	No	0.721026649	-16.00	0.94	Probably Decreasing

Perched Long Term Monitoring Well Trends

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
PTX06-1047A	643817.46	3752004.39	TNB135	9/11/2000	10/25/2023	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1047A	643817.46	3752004.39	DNB13	9/11/2000	10/25/2023	41	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	MNX	11/18/2009	10/25/2023	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNX	11/18/2009	10/25/2023	27	6	No	0.086500243	8.00	0.5575	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	27	6	No	0.086500243	8.00	0.5575	No Trend	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TNX	11/18/2009	10/25/2023	28	26	No	1.33083263	-244.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	26	No	1.33083263	-244.00	1	Decreasing	9	9	No	0.673374685	-22.00	0.988	Decreasing
PTX06-1047A	643817.46	3752004.39	PCE	9/11/2000	10/25/2023	43	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TCE	9/11/2000	10/25/2023	44	13	No	0.882806934	-251.00	0.994273516	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	28	7	No	0.099977312	58.00	0.869	No Trend	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DCE12C	10/24/2001	10/25/2023	40	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DCE12T	10/24/2001	10/25/2023	40	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DCA12	9/11/2000	10/25/2023	42	13	No	0.829633654	-327.00	0.999794555	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	28	10	No	0.928071555	-153.00	0.999	Decreasing	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TCLME	9/11/2000	10/25/2023	42	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	VC	9/11/2000	10/25/2023	44	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	B	9/11/2000	10/25/2023	44	44	No	0.230726762	73.00	0.766762645	No Trend	4	4	No	3.171266821	4.00	0.833	No Trend	28	28	No	0.239707584	-95.00	0.9685	Decreasing	9	9	No	0.059062282	14.00	0.91	Probably Increasing
PTX06-1047A	643817.46	3752004.39	CR	9/11/2000	10/25/2023	44	22	No	0.868962446	500.00	0.999999776	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	28	8	No	0.714751116	54.00	0.851	No Trend	9	5	No	0.716456305	-6.00	0.694	Stable
PTX06-1047A	643817.46	3752004.39	CR-6	9/11/2000	10/25/2023	44	18	No	0.738545255	-222.00	0.987299594	Decreasing	4	4	No	3.541556691	-6.00	0.958	Decreasing	28	15	No	0.866173152	-198.00	1	Decreasing	9	9	No	1.00139404	-8.00	0.762	No Trend
PTX06-1048A	642103.43	3766957.63	RDX	9/5/2000	9/26/2023	31	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	13	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	HMX	9/5/2000	9/26/2023	31	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	TNT	9/5/2000	9/26/2023	31	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT24	9/5/2000	9/26/2023	31	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT26	9/5/2000	9/26/2023	31	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT2A	9/5/2000	9/26/2023	31	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT4A	9/5/2000	9/26/2023	32	18	No	0.37932611	-245.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	11	No	0.17298091	-62.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	TNB135	9/5/2000	9/26/2023	30	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNB13	9/5/2000	9/26/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	MNX	4/28/2010	9/26/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNX	4/28/2010	9/26/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	TNX	4/28/2010	9/26/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	PCE	9/5/2000	4/18/2023	27	4	No	0.822572212	-4.00	0.5245	Stable	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	TCE	9/5/2000	4/18/2023	31	30	No	0.529442788	-149.00	0.994	Decreasing	4	4	No	2.695602361	0.00	0.375	No Trend	13	12	No	0.470652213	28.00	0.95	Increasing	4	4	No	0.243373789	-2.00	0.625	Stable
PTX06-1048A	642103.43	3766957.63	DCE12C	5/21/2002	4/18/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DCE12T	5/21/2002	4/18/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DCA12	9/5/2000	4/18/2023	27	12	No	0.723108984	-3.00	0.516	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	6	No	0.165411944	5.00	0.594	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	TCLME	9/5/2000	4/18/2023	26	5	No	0.21197241	87.00	0.971	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	13	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	VC	9/5/2000	4/18/2023	31	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	B	9/5/2000	4/18/2023	31	31	No	0.108394669	143.00	0.993	Increasing	4	4	No	2.601543405	4.00	0.833	No Trend	13	13	No	0.043402313	-13.00	0.7635	Stable	4	4	No	0.036984936	-6.00	0.958	Decreasing
PTX06-1049	633343.53	3763376.96	RDX	9/7/2000	7/18/2023	34	22	No	1.293442742	314.00	1	Increasing	4	4	No	3.058646556	6.00	0.958	Increasing	24	22	No	1.030093372	129.00	0.9995	Increasing	8	8	No	0.651430096	18.00	0.984	Increasing
PTX06-1049	633343.53	3763376.96	HMX	9/7/2000	7/18/2023	34	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TNT	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT24	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT26	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT2A	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT4A	9/7/2000	7/18/2023	34	23	No	0.808963978	113.00	0.951	Increasing	4	4	No	2.749137579	-4.00	0.833	No Trend	24	23	No	0.531740679	-104.00	0.995	Decreasing	8	8	No	0.085840267	-6.00	0.726	Stable
PTX06-1049	633343.53	3763376.96	TNB135	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNB13	9/7/2000	7/18/2023	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	MNX	8/31/2009	7/18/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNX	8/31/2009	7/18/2023	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TNX	8/31/2009	7/18/2023	24	9	No	0.582085917	45.00	0.8605	No Trend	4	4	No	2.354082553	6.00	0.958	Increasing	24	9	No	0.582085917	45.00	0.8605	No Trend	8	6	No	0.411153959	16.00	0.969	Increasing
PTX06-1049	633343.53	3763376.96	PCE	9/7/2000	7/18/2023	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TCE	9/7/2000	7/18/2023	35	26	No	0.75838219	-35.00	0.684	Stable	4	4	No	2.788511698	0.00	0.375	No Trend	25	25	No	0.793381991	-26.00	0.718	Stable	8	8	No	0.124544637	-8.00	0.801	Stable
PTX06-1049	633343.53	3763376.96	DCE12C	8/12/2002	7/18/2023	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	24	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DCE12T	8/12/2002	7/18/2023	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DCA12	9/7/2000	7/18/2023	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TCLME	9/7/2000	7/18/2023	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	VC	9/7/2000	7/18/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	B	9/7/2000	7/18/2023	35	35	No	0.127290499	240.00	1	Increasing	4	4	No	2.789632509	4.00	0.833	No Trend	24	24	No	0.123696033	133.00	1	Increasing	8	8	No	0.089723347	14.00	0.946	Probably Increasing
PTX06-1050	636746.04	3766622.06	RDX	9/5/2000	2/13/2023	38	38	No	0.418595265	-147.00	0.967	Decreasing	4	4	No	3.115898564	2.00	0.625	No Trend	25	25	No	0.426789104	63.00	0.9255	Probably Increasing	8	8	No	0.435964451	20.00	0.993	Increasing
PTX06-1050	636746.04	3766622.06	HMX	9/5/2000	2/13/2023	38	38	No	0.57931051	-267.00	1	Decreasing	4	4	No	3.423859652	6.00	0.958	Increasing	25	25	No	0.548944993	-5.00	0.537	Stable	8	8	No	0.177372347	10.00	0.862	No Trend
PTX06-1050	636746.04	3766622.06	TNT	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT24	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT26	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT2A	9/5/2000	2/13/2023	38	35	No	0.867773654	16.00	0.574	No Trend	4	4	No	3.512984461	6.00	0.958	Increasing	25	25	No	0.669776182	-28.00	0.734	Stable	8	8	No	0.185629952	8.00	0.801	No Trend
PTX06-1050	636746.04	3766622.06	DNT4A	9/5/2000	2/13/2023	38	36	No	0.597369008	105.00	0.904	Probably Increasing	4	4	No	2.989058749	-4.00	0.833	No Trend	25	25	No	0.49472638	-114.00	0.996	Decreasing	8	8	No	0.279530254	-20.00	0.993	Decreasing
PTX06-1050	636746.04	3766622.06	TNB135	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNB13	9/5/2000	2/13/2023	37	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	MNX	12/1/2009	2/13/2023	25	17	No	0.285001871	-169.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	0.285001871	-169.00	1	Decreasing	8	5	No	0.144650505	-20.00	0.993	Decreasing
PTX06-1050	636746.04	3766622.06	DNX	12/1/2009	2/13/2023	25	25	No	0.390304464	4.00	0.528	No Trend	4	4	No	2.337718275	-2.00	0.625	No Trend	25	25	No	0.390304464	4.00	0.528	No Trend	8	8	No	0.384000395	16.00	0.969	Increasing
PTX06-1050	636746.04	3766622.06	TNX	12/1/2009	2/13/2023	25	25	No	0.265803156	-5.00	0.537	Stable	4	4	No	2.354493549	2.00	0.625	No Trend	25	25	No	0.265803156	-5.00	0.537	Stable	8	8	No	0.267804857	14.00	0.946	Probably Increasing
PTX06-1050	636746.04	3766622.06	PCE	9/5/2000	2/13/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	TCE	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DCE12C	8/12/2002	2/13/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DCE12T	8/12/2002	2/13/2023	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DCA12	9/5/2000	2/13/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	TCLME	9/5/2000	2/13/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	VC	9/5/2000	2/13/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	B	9/5/2000	2/13/2023	37	37	No	0.28808174	-268.00	1	Decreasing	4	4	No	2.87890011	5.00	0.8955	No Trend	25	25	No	0.230745878	-7.00	0.555	Stable	8	8	No	0.159931097	24.00	0.999	Increasing
PTX06-1052	639100.91	3753957.66	RDX	9/12/2000	8/2/2023	47	7	No	0.543995934	-465.00	0.999989552	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	7	No	0.218152284	-119.00	0.987	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	HMX	9/12/2000	8/2/2023	48	4	No	2.758467268	-538.00	0.999999092	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	4	No	0.122912065	-140.00	0.996	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	TNT	9/12/2000	8/2/2023	48	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT24	9/12/2000	8/2/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT26	9/12/2000	8/2/2023	48	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT2A	9/12/2000	8/2/2023	48	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT4A	9/12/2000	8/2/2023	48	16	No	1.68428158	-126.00	0.866716911	No Trend	4	4	No	3.5026977	6.00	0.958	Increasing	29	13	No	1.674944066	40.00	0.766	No Trend	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	TNB135	9/12/2000	8/2/2023	46	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNB13	9/12/2000	8/2/2023	44	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	MNX	9/10/2009	8/2/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNX	9/10/2009	8/2/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	TNX	9/10/2009	8/2/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DIOXANE14	7/26/2005	8/2/2023	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1052	639100.91	3753957.66	PCE	9/12/2000	8/2/2023	43	4	No	0.785945341	-79.00	0.792836513	Stable	4	4	No	3.698355205	6.00	0.958	Increasing	29	4	No	0.429135512	56.00	0.847	No Trend	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	TCE	9/12/2000	8/2/2023	47	22	No	1.383784363	152.00	0.916933774	Probably Increasing	4	4	No	3.286389388	4.00	0.833	No Trend	29	15	No	1.281705626	171.00	0.999	Increasing	10	5	No	0.976968933	25.00	0.986	Increasing
PTX06-1052	639100.91	3753957.66	DCE12C	5/9/2001	8/2/2023	44	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DCE12T	5/9/2001	8/2/2023	44	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DCA12	9/12/2000	8/2/2023	43	6	No	0.77532444	-17.00	0.56649072	Stable	4	4	No	3.330939345	6.00	0.958	Increasing	29	4	No	0.362337991	81.00	0.9325	Probably Increasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	TCLME	9/12/2000	8/2/2023	42	23	No	0.616776889	15.00	0.56029747	No Trend	4	4	No	3.444714058	6.00	0.958	Increasing	29	23	No	0.460560699	-77.00	0.9225	Probably Decreasing	10	5	No	0.428260636	-25.00	0.986	Decreasing
PTX06-1052	639100.91	3753957.66	VC	9/12/2000	8/2/2023	47	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	PERC	9/12/2000	8/2/2023	23	6	No	1.86213838	121.00	1	Increasing	4	4	No	2.192203337	-4.00	0.833	No Trend	5	5	No	0.137205633	0.00	0.408	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1052	639100.91	3753957.66	B	9/12/2000	8/2/2023	48	48	No	1.178370885	458.00	0.999975656	Increasing	4	4	No	5.374942821	-4.00	0.833	No Trend	29	29	No	1.291633193	206.00	1	Increasing	10	10	No	0.146470902	19.00	0.946	Probably Increasing
PTX06-1052	639100.91	3753957.66	CR	9/12/2000	8/2/2023	48	48	No	0.827179494	-758.00	1	Decreasing	4	4	No	3.500341337	-2.00	0.625	No Trend	29	29	No	1.153265463	-358.00	1	Decreasing	10	10	No	0.608633967	-37.00	1	Decreasing
PTX06-1052	639100.91	3753957.66	CR-6	9/12/2000	8/2/2023	47	47	No	0.835576536	-737.00	1	Decreasing	4	4	No	3.321622129	-4.00	0.833	No Trend	29	29	No	1.141418568	-352.00	1	Decreasing	10	10	No	0.615775847	-39.00	1	Decreasing
PTX06-1053	636576.74	3753672.06	RDX	9/12/2000	2/15/2023	45	16	No	2.663256336	-326.00	0.999261727	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	14	No	2.892547679	-44.00	0.841	No Trend	8	5	No	0.082092015	2.00	0.548	No Trend
PTX06-1053	636576.74	3753672.06	HMX	9/12/2000	2/15/2023	46	27	No	1.882402087	273.00	0.994992881	Increasing	4	4	No	3.620986656	0.00	0.375	No Trend	25	23	No	0.472689912	65.00	0.932	Probably Increasing	8	8	No	0.411462639	-26.00	1	Decreasing
PTX06-1053	636576.74	3753672.06	TNT	9/12/2000	2/15/2023	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT24	9/12/2000	2/15/2023	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT26	9/12/2000	2/15/2023	46	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT2A	9/12/2000	2/15/2023	46	18	No	0.93452973	298.00	0.997538589	Increasing	4	4	No	3.391868362	-6.00	0.958	Decreasing	25	18	No	0.737937474	168.00	1	Increasing	8	8	No	0.13502791	4.00	0.64	No Trend
PTX06-1053	636576.74	3753672.06	DNT4A	9/12/2000	2/15/2023	46	41	No	1.525401736	-178.00	0.953117472	Decreasing	4	4	No	4.322117803	4.00	0.833	No Trend	25	23	No	1.960931312	-59.00	0.911	Probably Decreasing	8	8	No	0.42130058	-14.00	0.946	Probably Decreasing
PTX06-1053	636576.74	3753672.06	TNB135	9/12/2000	2/15/2023	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNB13	9/12/2000	2/15/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	MNX	9/10/2009	2/15/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNX	9/10/2009	2/15/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	TNX	9/10/2009	2/15/2023	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DIOXANE14	7/26/2005	2/15/2023	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	PCE	9/12/2000	2/15/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	TCE	9/12/2000	2/15/2023	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DCE12C	5/9/2001	2/15/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DCE12T	5/9/2001	2/15/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DCA12	9/12/2000	2/15/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	TCLME	9/12/2000	2/15/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	VC	9/12/2000	2/15/2023	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	PERC	9/12/2000	2/15/2023	44	8	No	0.325076439	136.00	0.913940309	Probably Increasing	4	4	No	4.534032641	6.00	0.958	Increasing	24	4	No	0.422555363	6.00	0.549	No Trend	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	B	9/12/2000	2/15/2023	45	45	No	0.114553391	623.00	0.999999999	Increasing	4	4	No	3.20549352	-1.00	0.5	No Trend	25	25	No	0.084640983	135.00	0.999	Increasing	8	8	No	0.059360136	5.00	0.683	No Trend
PTX06-1053	636576.74	3753672.06	CR	9/12/2000	2/15/2023	46	16	No	0.547290679	517.00	0.999999484	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	26	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	CR-6	9/12/2000	2/15/2023	46	12	No	0.669751796	-149.00	0.919435787	Probably Decreasing	4	4	No	3.726534754	4.00	0.833	No Trend	26	11	No	0.721489598	-162.00	1	Decreasing	8	7	No	1.548769782	-8.00	0.801	No Trend
PTX06-1077A	637201.80	3760689.50	RDX	2/20/2002	8/2/2023	19	12	No	0.54376482	-48.00	0.9495	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	12	No	0.425976713	-53.00	0.998	Decreasing	5	5	No	0.155383794	2.00	0.592	No Trend
PTX06-1077A	637201.80	3760689.50	HMX	2/20/2002	8/2/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TNT	2/20/2002	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT24	2/20/2002	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT26	2/20/2002	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT2A	2/20/2002	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect

Perched Long Term Monitoring Well Trends

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
PTX06-1077A	637201.80	3760689.50	DNT4A	2/20/2002	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TNB135	2/20/2002	8/2/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNB13	11/4/2002	8/2/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	MNX	8/25/2009	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNX	8/25/2009	8/2/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TNX	8/25/2009	8/2/2023	15	4	No	0.23272214	-43.00	0.982	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.23272214	-43.00	0.982	Decreasing	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DIOXANE14	11/4/2002	8/2/2023	18	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	PCE	2/20/2002	8/2/2023	21	6	No	0.788813113	-13.00	0.64	Stable	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	TCE	2/20/2002	8/2/2023	23	21	No	0.617891663	-95.00	0.994	Decreasing	4	4	No	2.262170228	0.00	0.375	No Trend	14	13	No	0.580128072	-28.00	0.929	Probably Decreasing	4	4	No	0.239933433	2.00	0.625	No Trend
PTX06-1077A	637201.80	3760689.50	DCE12C	2/20/2002	8/2/2023	23	21	No	0.803699894	-94.00	0.9935	Decreasing	4	4	No	2.523314298	2.00	0.625	No Trend	14	13	No	0.935308709	-23.00	0.883	Stable	4	4	No	0.891918781	2.00	0.625	No Trend
PTX06-1077A	637201.80	3760689.50	DCE12T	2/20/2002	8/2/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DCA12	2/20/2002	8/2/2023	21	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TCLME	2/20/2002	8/2/2023	20	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	VC	2/20/2002	8/2/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	PERC	2/20/2002	8/2/2023	22	15	No	0.334471786	-80.00	0.988	Decreasing	4	4	No	2.247330012	-6.00	0.958	Decreasing	15	10	No	0.329774113	-29.00	0.916	Probably Decreasing	5	4	No	0.304498567	-4.00	0.758	Stable
PTX06-1077A	637201.80	3760689.50	B	2/20/2002	8/2/2023	17	17	No	0.124549523	71.00	0.9985	Increasing	4	4	No	1.809274895	4.00	0.833	No Trend	13	13	No	0.093318228	27.00	0.943	Probably Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1088	639902.10	3757059.42	RDX	6/11/2003	11/8/2023	39	39	No	1.061953475	-487.00	1	Decreasing	4	4	No	2.980663502	-4.00	0.833	No Trend	28	28	No	1.196256286	-162.00	0.999	Decreasing	10	10	No	1.149123701	21.00	0.964	Increasing
PTX06-1088	639902.10	3757059.42	HMX	6/11/2003	11/8/2023	39	39	No	1.52720705	-561.00	1	Decreasing	4	4	No	3.162340818	-4.00	0.833	No Trend	28	28	No	1.425479947	-224.00	1	Decreasing	10	10	No	0.340130758	11.00	0.81	No Trend
PTX06-1088	639902.10	3757059.42	TNT	6/11/2003	11/8/2023	39	39	No	1.672658108	-689.00	1	Decreasing	4	4	No	3.000062771	-2.00	0.625	No Trend	28	28	No	0.810242232	-332.00	1	Decreasing	10	10	No	0.332159616	-29.00	0.995	Decreasing
PTX06-1088	639902.10	3757059.42	DNT24	6/11/2003	11/8/2023	39	32	No	1.16308565	-253.00	0.999	Decreasing	4	4	No	2.970714018	-2.00	0.625	No Trend	28	27	No	1.178311926	-296.00	1	Decreasing	10	9	No	0.393882173	-15.00	0.892	Stable
PTX06-1088	639902.10	3757059.42	DNT26	6/11/2003	11/8/2023	39	8	No	1.612507052	-273.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	28	8	No	0.702453804	-190.00	1	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	DNT2A	6/11/2003	11/8/2023	38	36	No	1.025903404	-383.00	1	Decreasing	4	4	No	3.079016277	-6.00	0.958	Decreasing	28	28	No	1.286682332	-242.00	1	Decreasing	10	10	No	0.449840457	15.00	0.892	No Trend
PTX06-1088	639902.10	3757059.42	DNT4A	6/11/2003	11/8/2023	38	36	No	0.977389081	-259.00	1	Decreasing	4	4	No	3.039533211	-2.00	0.625	No Trend	28	28	No	0.7778857	-124.00	0.993	Decreasing	10	10	No	0.382044981	27.00	0.992	Increasing
PTX06-1088	639902.10	3757059.42	TNB135	6/11/2003	11/8/2023	39	39	No	0.894103197	-635.00	1	Decreasing	4	4	No	3.059145506	-2.00	0.625	No Trend	28	28	No	1.00930113	-330.00	1	Decreasing	10	10	No	0.359838159	-23.00	0.977	Decreasing
PTX06-1088	639902.10	3757059.42	DNB13	6/11/2003	11/8/2023	37	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	MNX	12/3/2009	11/8/2023	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	DNX	12/3/2009	11/8/2023	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	TNX	12/3/2009	11/8/2023	28	28	No	0.58454105	-80.00	0.94	Probably Decreasing	4	4	No	2.578401491	-6.00	0.958	Decreasing	28	28	No	0.58454105	-80.00	0.94	Probably Decreasing	10	10	No	0.523159391	17.00	0.922	Probably Increasing
PTX06-1088	639902.10	3757059.42	DIOXANE14	7/30/2003	6/14/2023	14	6	No	1.054087438	-47.00	0.995	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	6	No	0.125882345	-3.00	0.5795	Stable	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	PCE	6/11/2003	11/8/2023	38	38	No	0.511880487	180.00	0.9885	Increasing	4	4	No	2.995744242	-2.00	0.625	No Trend	28	28	No	0.425960616	-18.00	0.63	Stable	10	10	No	0.395681396	-33.00	0.999	Decreasing
PTX06-1088	639902.10	3757059.42	TCE	6/11/2003	11/8/2023	38	38	No	1.478831142	-502.00	1	Decreasing	4	4	No	2.99411576	-2.00	0.625	No Trend	28	28	No	0.38866309	-190.00	1	Decreasing	10	10	No	0.364334152	-1.00	0.5	Stable
PTX06-1088	639902.10	3757059.42	DCE12C	6/11/2003	11/8/2023	38	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	DCE12T	6/11/2003	11/8/2023	38	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	DCA12	6/11/2003	11/8/2023	37	29	No	0.409940318	174.00	0.989	Increasing	4	4	No	2.948676266	-2.00	0.625	No Trend	28	23	No	0.385560152	43.00	0.7945	No Trend	10	9	No	0.250402601	-17.00	0.922	Probably Decreasing
PTX06-1088	639902.10	3757059.42	TCLME	6/11/2003	11/8/2023	37	37	No	0.673011304	191.00	0.994	Increasing	4	4	No	2.88038239	2.00	0.625	No Trend	28	28	No	0.661340443	153.00	0.999	Increasing	10	10	No	0.488936876	19.00	0.946	Probably Increasing
PTX06-1088	639902.10	3757059.42	VC	6/11/2003	11/8/2023	38	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	B	6/11/2003	11/8/2023	36	36	No	0.311281899	-283.00	1	Decreasing	4	4	No	2.829171776	6.00	0.958	Increasing	28	28	No	0.184735482	-43.00	0.7945	Stable	10	10	No	0.098087164	7.00	0.7	No Trend
PTX06-1088	639902.10	3757059.42	CR	6/11/2003	11/8/2023	38	38	No	1.284060201	-167.00	0.982	Decreasing	4	4	No	3.368368521	4.00	0.833	No Trend	28	28	No	1.177893387	78.00	0.935	Probably Increasing	10	10	No	0.662416304	35.00	1	Increasing
PTX06-1088	639902.10	3757059.42	CR-6	6/11/2003	11/8/2023	36	35	No	1.263436111	-164.00	0.987	Decreasing	4	4	No	3.251246565	4.00	0.833	No Trend	27	26	No	1.172689703	51.00	0.85	No Trend	10	10	No	0.639242673	33.00	0.999	Increasing
PTX06-1095A	640634.87	3755598.65	RDX	5/9/2005	10/23/2023	44	36	No	1.837460034	255.00	0.99490071	Increasing	4	4	No	3.183137641	0.00	0.375	No Trend	29	29	No	1.383572775	-174.00	1	Decreasing	10	10	No	1.768712126	-39.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	HMX	5/9/2005	10/23/2023	44	35	No	1.690981499	327.00	0.999511816	Increasing	4	4	No	3.19861472	-2.00	0.625	No Trend	29	29	No	1.255569554	-104.00	0.974	Decreasing	10	10	No	1.536836963	-41.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	TNT	5/9/2005	10/23/2023	44	30	No	0.5391637	468.00	0.99999884	Increasing	4	4	No	3.175819443	6.00	0.958	Increasing	29	29	No	0.274101544	138.00	0.995	Increasing	10	10	No	0.1376804	-8.00	0.729	Stable
PTX06-1095A	640634.87	3755598.65	DNT24	5/9/2005	10/23/2023	44	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1095A	640634.87	3755598.65	DNT26	5/9/2005	10/23/2023	44	11	No	0.584393429	-50.00	0.689911269	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	11	No	0.661356449	25.00	0.6725	No Trend	10	4	No	0.592568268	27.00	0.992	Increasing
PTX06-1095A	640634.87	3755598.65	DNT2A	5/9/2005	10/23/2023	44	28	No	1.470221102	255.00	0.99490071	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	27	No	1.17870947	2.00	0.507	No Trend	10	10	No	0.96953485	-41.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	DNT4A	5/9/2005	10/23/2023	44	30	No	1.192919491	167.00	0.953420815	Increasing	4	4	No	3.46374809	2.00	0.625	No Trend	29	29	No	0.914357662	-177.00	1	Decreasing	10	10	No	0.788686217	-35.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	TNB135	5/9/2005	10/23/2023	44	36	No	1.016451347	584.00	0.999999998	Increasing	4	4	No	3.262884654	0.00	0.375	No Trend	29	29	No	0.651259865	201.00	1	Increasing	10	10	No	0.282733784	-11.00	0.81	Stable
PTX06-1095A	640634.87	3755598.65	DNB13	5/9/2005	10/23/2023	38	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	640634.87	3755598.65	MNX	3/8/2007	10/23/2023	32	18	No	1.408100092	-210.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	18	No	1.394844013	-207.00	1	Decreasing	10	4	No	0.543558271	-10.00	0.784	Stable
PTX06-1095A	640634.87	3755598.65	DNX	9/13/2005	10/23/2023	34	13	No	0.648888149	-264.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	13	No	0.716201926	-189.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	640634.87	3755598.65	TNX	9/13/2005	10/23/2023	34	24	No	1.32067779	-217.00	0.999	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	24	No	1.180511077	-252.00	1	Decreasing	10	8	No	1.007719628	-41.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	DIOXANE14	9/13/2005	5/8/2023	13	7	No	0.655496435	-29.00	0.956	Decreasing	4	4	No	1.795264862	2.00	0.625	No Trend	8	7	No	0.959422611	-10.00	0.862	Stable	5	4	No	1.138718219	-6.00	0.883	No Trend
PTX06-1095A	640634.87	3755598.65	PCE	5/9/2005	10/23/2023	38	23	No	0.979008689	202.00	0.9945	Increasing	4	4	No	3.053473337	-6.00	0.958	Decreasing	29	23	No	0.861358977	31.00	0.7115	No Trend	10	10	No	0.747634487	-39.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	TCE	5/9/2005	10/23/2023	43	32	No	1.255169888	354.00	0.99988975	Increasing	4	4	No	3.185644649	-2.00	0.625	No Trend	29	29	No	0.950046293	-22.00	0.652	Stable	10	10	No	0.460532269	-39.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	DCE12C	5/9/2005	10/23/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1095A	640634.87	3755598.65	DCE12T	5/9/2005	10/23/2023	43	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	640634.87	3755598.65	DCA12	5/9/2005	10/23/2023	36	25	No	1.701659744	233.00	0.999	Increasing	4	4	No	3.335522476	-6.00	0.958	Decreasing	29	25	No	1.555796984	156.00	0.998	Increasing	10	10	No	1.094262211	39.00	1	Increasing
PTX06-1095A	640634.87	3755598.65	TCLME	5/9/2005	10/23/2023	36	23	No	1.69266282	395.00	1	Increasing	4	4	No	3.253580223	-6.00	0.958	Decreasing	29	23	No	1.49500508	283.00	1	Increasing	10	10	No	0.903260045	37.00	1	Increasing
PTX06-1095A	640634.87	3755598.65	VC	5/9/2005	10/23/2023	43	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1095A	640634.87	3755598.65	B	5/9/2005	10/23/2023	42	42	No	0.465013287	-476.00	0.999999868	Decreasing	4	4	No	3.091059384	4.00	0.833	No Trend	29	29	No	0.539292306	-269.00	1	Decreasing	10	10	No	0.320931233	-37.00	1	Decreasing
PTX06-1095A	640634.87	3755598.65	CR	5/9/2005	10/23/2023	42	29	No	1.580598348	378.00	0.999978028	Increasing	4	4	No	3.110202623	2.00	0.625	No Trend	29	25	No	1.265772818	13.00	0.588	No Trend	10	10	No	0.418490095	5.00	0.636	No Trend
PTX06-1095A	640634.87	3755598.65	CR-6	9/13/2005	10/23/2023	41	23	No	1.813341776	388.00	0.999993092	Increasing	4	4	No	3.079364071	4.00	0.833	No Trend	29	23	No	1.552031458	83.00	0.9375	Probably Increasing	10	10	No	0.245497127	7.00	0.7	No Trend
PTX06-1095A	640634.87	3755598.65	FE	5/9/2005	10/23/2023	41	40	No	1.560802418	70.00	0.780831272	No Trend	4	4	No	3.512271719	0.00	0.375	No Trend	29	28	No	1.398622162	-106.00	0.976	Decreasing	10	9	No	1.013677137	-7.00	0.7	No Trend
PTX06-1095A	640634.87	3755598.65	MN	5/9/2005	10/23/2023	41	41	No	0.979907935	-226.00	0.994250972	Decreasing	4	4	No	3.583768312	-6.00	0.958	Decreasing	29	29	No	1.083522967	-184.00	1	Decreasing	10	10	No	1.337763348	7.00	0.7	No Trend
PTX06-1095A	640634.87	3755598.65	MO	5/9/2005	10/23/2023	40	40	No	1.141636327	86.00	0.838	No Trend	4	4	No	3.011091744	-6.00	0.958	Decreasing	29	29	No	0.194286452	196.00	1	Increasing	10	10	No	0.084212122	31.00	0.998	Increasing
PTX06-1095A	640634.87	3755598.65	NI	5/9/2005	10/23/2023	41	39	No	2.036105011	260.00	0.998187483	Increasing	4	4	No	3.461026575	-6.00	0.958	Decreasing	29	29	No	1.692041005	-60.00	0.864	No Trend	10	10	No	0.858013213	-7.00	0.7	Stable
PTX06-1095A	640634.87	3755598.65	V	5/9/2005	10/23/2023	34	29	No	0.345321842	157.00	0.99	Increasing	4	4	No	2.748920519	-4.00	0.833	No Trend	29	28	No	0.300561058	42.00	0.777	No Trend	10	10	No	0.254725826	21.00	0.964	Increasing
PTX06-1120	643152.43	3752735.03	RDX	10/13/2010	10/25/2023	19	19	No	0.454224404	-84.00	0.9985	Decreasing	4	4	No	2.226801466	-6.00	0.958	Decreasing	19	19	No	0.454224404	-84.00	0.9985	Decreasing	4	4	No	0.579396727	-6.00	0.958	Decreasing
PTX06-1120	643152.43	3752735.03	HMX	10/13/2010	10/25/2023	19	19	No	0.471433753	-59.00	0.979	Decreasing	4	4	No	2.20098265	-2.00	0.625	No Trend	19	19	No	0.471433753	-59.00	0.979	Decreasing	4	4	No	0.603036123	-4.00	0.833	Stable
PTX06-1120	643152.43	3752735.03	TNT	10/13/2010	10/25/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DNT24	10/13/2010	10/25/2023	19	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	19	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DNT26	10/13/2010	10/25/2023	19	9	No	0.208601428	-63.00	0.986	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	9	No	0.208601428	-63.00	0.986	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DNT2A	10/13/2010	10/25/2023	19	19	No	0.41402466	-83.00	0.998	Decreasing	4	4	No	2.02853429	-4.00	0.833	No Trend	19	19	No	0.41402466	-83.00	0.998	Decreasing	4	4	No	0.183548199	-4.00	0.833	Stable
PTX06-1120	643152.43	3752735.03	DNT4A	10/13/2010	10/25/2023	19	19	No	0.557397674	-73.00	0.995	Decreasing	4	4	No	2.288787692	-6.00	0.958	Decreasing	19	19	No	0.557397674	-73.00	0.995	Decreasing	4	4	No	0.624542332	-6.00	0.958	Decreasing
PTX06-1120	643152.43	3752735.03	TNB135	10/13/2010	10/25/2023	19	8	No	1.365800128	-43.00	0.928	Probably Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	19	8	No	1.365800128	-43.00	0.928	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DNB13	10/13/2010	10/25/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	MNX	10/13/2010	10/25/2023	19	16	No	0.997724073	-127.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	16	No	0.997724073	-127.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DNX	10/13/2010	10/25/2023	19	17	No	0.692310112	-134.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	17	No	0.692310112	-134.00	1	Decreasing	4	4	No	0.806748784	-6.00	0.958	Decreasing
PTX06-1120	643152.43	3752735.03	TNX	10/13/2010	10/25/2023	19	19	No	0.497626351	-120.00	1	Decreasing	4	4	No	2.277814759	-2.00	0.625	No Trend	19	19	No	0.497626351	-120.00	1	Decreasing	4	4	No	0.601080703	-4.00	0.833	Stable
PTX06-1120	643152.43	3752735.03	PCE	10/13/2010	10/25/2023	19	4	No	0.082154664	43.00	0.928	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	19	4	No	0.082154664	43.00	0.928	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	TCE	10/13/2010	10/25/2023	19	14	No	0.415144569	-153.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	19	14	No	0.415144569	-153.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DCE12C	10/13/2010	10/25/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DCE12T	10/13/2010	10/25/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DCA12	10/13/2010	10/25/2023	19	15	No	0.268044598	-60.00	0.981	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	19	15	No	0.268044598	-60.00	0.981	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	TCLME	10/13/2010	10/25/2023	19	4	No	0.100822781	-30.00	0.8425	Stable	4	4	No	1.997103165	0.00	0.375	No Trend	19	4	No	0.100822781	-30.00	0.8425	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	VC	10/13/2010	10/25/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	B	10/13/2010	10/25/2023	19	19	No	0.365135158	-75.00	0.996	Decreasing	4	4	No	1.997527893	-4.00	0.833	No Trend	19	19	No	0.365135158	-75.00	0.996	Decreasing	4	4	No	0.487453209	-6.00	0.958	Decreasing
PTX06-1120	643152.43	3752735.03	CR	10/13/2010	10/25/2023	19	19	No	1.261421793	90.00	0.999	Increasing	4	4	No	2.976533026	-6.00	0.958	Decreasing	19	19	No	1.261421793	90.00	0.999	Increasing	4	4	No	0.632811915	2.00	0.625	No Trend
PTX06-1120	643152.43	3752735.03	CR-6	10/13/2010	10/25/2023	19	16	No	0.89389696	-53.00	0.966	Decreasing	4	4	No	2.118990574	-6.00	0.958	Decreasing	19	16	No	0.89389696	-53.00	0.966	Decreasing	4	4	No	1.104622557	-6.00	0.958	Decreasing
PTX06-1120	643152.43	3752735.03	FE	10/13/2010	10/25/2023	19	19	No	0.696157408	33.00	0.867	No Trend	4	4	No	3.045962213	-6.00	0.958	Decreasing	19	19	No	0.696157408	33.00	0.867	No Trend	4	4	No	0.547982513	0.00	0.375	Stable
PTX06-1120	643152.43	3752735.03	MN	10/13/2010	10/25/2023	19	19	No	1.002153668	15.00	0.686	No Trend	4	4	No	2.685422536	-4.00	0.833	No Trend	19	19	No	1.002153668	15.00	0.686	No Trend	4	4	No	0.753188803	-2.00	0.625	Stable
PTX06-1120	643152.43	3752735.03	MO	10/13/2010	10/25/2023	19	19	No	0.721778333	57.00	0.975	Increasing	4	4	No	2.306366659	-6.00	0.958	Decreasing	19	19	No	0.721778333	57.00	0.975	Increasing	4	4	No	0.523926806	0.00	0.375	Stable
PTX06-1120	643152.43	3752735.03	NI	10/13/2010	10/25/2023	19	19	No	1.617326373	31.00	0.851	No Trend	4	4	No	2.611755592	-4.00	0.833	No Trend	19	19	No	1.617326373	31.00	0.851	No Trend	4	4	No	0.56432034	4.00	0.833	No Trend
PTX06-1120	643152.43	3752735.03	V	10/13/2010	10/25/2023	19	19	No	0.217335661	-4.00	0.541	Stable	4	4	No	1.992137965	-4.00	0.833	No Trend	19	19	No	0.217335661	-4.00	0.541	Stable	4	4	No	0.184191506	0.00	0.375	Stable
PTX06-1126	635034.72	3755562.85	RDX	2/7/2008	11/1/2023	37	30	No	2.674979802	264.00	1	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	29	No	2.378437877	161.00	0.998	Increasing	10	10	No	1.21403476	-15.00	0.892	No Trend
PTX06-1126	635034.72	3755562.85	HMX	2/7/2008	11/1/2023	37	16	No	1.231048695	226.00	0.999	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	16	No	1.128991088	204.00	1	Increasing	10	10	No	0.544481326	27.00	0.992	Increasing
PTX06-1126	635034.72	3755562.85	TNT	2/7/2008	11/1/2023	36	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT24	2/7/2008	11/1/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT26	2/7/2008	11/1/2023	37	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	30	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1126	635034.72	3755562.85	DNT2A	2/7/2008	11/1/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT4A	2/7/2008	11/1/2023	37	34	No	1.138135567	-57.00	0.767	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	27	No	1.067484554	-92.00	0.9475	Probably Decreasing	10	10	No	1.332800414	-41.00	1	Decreasing
PTX06-1126	635034.72	3755562.85	TNB135	2/7/2008	11/1/2023	36	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNB13	2/7/2008	11/1/2023	36	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	MNX	3/31/2009	11/1/2023	31	5	No	0.262603614	-130.00	0.9865	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	30	5	No	0.240177751	-102.00	0.9645	Decreasing	10	5	No	0.348353541	-22.00	0.9705	Decreasing
PTX06-1126	635034.72	3755562.85	DNX	3/31/2009	11/1/2023	30	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1126	635034.72	3755562.85	TNX	3/31/2009	11/1/2023	31	14	No	2.832393699	72.00	0.885	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	14	No	2.788167764	78.00	0.9145	Probably Increasing	10	10	No	1.457685327	-37.00	1	Decreasing
PTX06-1126	635034.72	3755562.85	DIOXANE14	2/14/2008	11/1/2023	36	36	No	1.055662101	-233.00	0.999	Decreasing	4	4	No	3.166894229	0.00	0.375	No Trend	30	30	No	1.043328483	-297.00	1	Decreasing	10	10	No	0.657126359	-41.00	1	Decreasing
PTX06-1126	635034.72	3755562.85	PCE	2/7/2008	11/1/2023	37	35	No	1.333815431	283.00	1	Increasing	4	4	No	3.168687677	-4.00	0.833	No Trend	30	30	No	1.167167316	81.00	0.923	Probably Increasing	10	10	No	0.666612706	-11.00	0.81	Stable
PTX06-1126	635034.72	3755562.85	TCE	2/7/2008	11/1/2023	37	37	No	0.921746466	-95.00	0.8895	Stable	4	4	No	3.018458247	-6.00	0.958	Decreasing	30	30	No	0.935538662	-140.00	0.994	Decreasing	10	10	No	0.878816401	-17.00	0.922	Probably Decreasing
PTX06-1126	635034.72	3755562.85	DCE12C	2/7/2008	11/1/2023	37	37	No	0.762029907	-522.00	1	Decreasing	4	4	No	2.977158259	-6.00	0.958	Decreasing	30	30	No	0.892811849	-375.00	1	Decreasing	10	10	No	0.64528563	-25.00	0.986	Decreasing
PTX06-1126	635034.72	3755562.85	DCE12T	2/7/2008	11/1/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DCA12	2/7/2008	11/1/2023	37	34	No	0.715516627	-80.00	0.848	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	27	No	0.620034627	-206.00	1	Decreasing	10	9	No	0.586523634	-17.00	0.922	Probably Decreasing
PTX06-1126	635034.72	3755562.85	TCLME	2/7/2008	11/1/2023	37	37	No	1.514125241	258.00	1	Increasing	4	4	No	2.884901308	2.00	0.625	No Trend	30	30	No	1.3318418	39.00	0.749	No Trend	10	10	No	1.275110669	-14.00	0.873	No Trend
PTX06-1126	635034.72	3755562.85	VC	2/7/2008	11/1/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	PERC	2/7/2008	11/1/2023	37	37	No	1.059532403	-574.00	1	Decreasing	4	4	No	2.967227923	0.00	0.375	No Trend	30	30	No	0.974416763	-355.00	1	Decreasing	10	10	No	1.284127515	-37.00	1	Decreasing
PTX06-1126	635034.72	3755562.85	B	9/8/2009	11/1/2023	30	30	No	0.125527383	225.00	1	Increasing	4	4	No	2.574061543	4.00	0.833	No Trend	30	30	No	0.125527383	225.00	1	Increasing	10	10	No	0.087370558	15.00	0.892	No Trend
PTX06-1126	635034.72	3755562.85	CR	2/7/2008	11/1/2023	26	25	No	1.588681162	54.00	0.8775	No Trend	4	4	No	2.468913442	0.00	0.375	No Trend	22	21	No	0.73720865	39.00	0.856	No Trend	10	10	No	0.461559688	19.00	0.946	Probably Increasing
PTX06-1126	635034.72	3755562.85	CR-6	2/7/2008	11/1/2023	23	20	No	0.498727158	90.00	0.9915	Increasing	4	4	No	2.207415087	-6.00	0.958	Decreasing	22	19	No	0.497479226	82.00	0.9895	Increasing	10	10	No	0.581693346	25.00	0.986	Increasing
PTX06-1126	635034.72	3755562.85	TVFA	1/8/2014	1/8/2014	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1127	635901.90	3755432.03	RDX	2/7/2008	11/7/2023	36	25	No	1.491160045	457.00	1	Increasing	4	4	No	2.84821429	-6.00	0.958	Decreasing	29	25	No	1.265956799	344.00	1	Increasing	10	10	No	0.567602672	27.00	0.992	Increasing
PTX06-1127	635901.90	3755432.03	HMX	2/7/2008	11/7/2023	36	20	No	1.18238717	333.00	1	Increasing	4	4	No	2.837476601	2.00	0.625	No Trend	29	20	No	1.013174348	292.00	1	Increasing	10	10	No	0.318468285	20.00	0.955	Increasing
PTX06-1127	635901.90	3755432.03	TNT	2/7/2008	11/7/2023	35	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT24	2/7/2008	11/7/2023	36	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT26	2/7/2008	11/7/2023	36	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT2A	2/7/2008	11/7/2023	36	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT4A	2/7/2008	11/7/2023	35	33	No	0.599549271	237.00	1	Increasing	4	4	No	2.80522	-3.00	0.729	No Trend	29	27	No	0.389959496	74.00	0.914	Probably Increasing	10	10	No	0.077343422	-2.00	0.5345	Stable
PTX06-1127	635901.90	3755432.03	TNB135	2/7/2008	11/7/2023	35	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNB13	2/7/2008	11/7/2023	35	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	MNX	3/31/2009	11/7/2023	30	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	10	0	Yes	0	0.00	0	All Non-Detect

Perched Long Term Monitoring Well Trends

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
PTX06-1127	635901.90	3755432.03	DNX	3/31/2009	11/7/2023	29	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	TNX	3/31/2009	11/7/2023	30	17	No	1.148508458	258.00	1	Increasing	4	4	No	2.565751142	0.00	0.375	No Trend	29	17	No	1.118618757	255.00	1	Increasing	10	10	No	0.455975091	35.00	1	Increasing
PTX06-1127	635901.90	3755432.03	DIOXANE14	2/14/2008	11/7/2023	35	35	No	0.65713542	-29.00	0.653	Stable	4	4	No	2.802894408	-2.00	0.625	No Trend	29	29	No	0.569094604	-202.00	1	Decreasing	10	10	No	0.529085371	-35.00	1	Decreasing
PTX06-1127	635901.90	3755432.03	PCE	2/7/2008	11/7/2023	36	26	No	0.852169276	392.00	1	Increasing	4	4	No	2.86757299	-4.00	0.833	No Trend	29	26	No	0.712458004	225.00	1	Increasing	10	10	No	0.218979804	-15.00	0.892	Stable
PTX06-1127	635901.90	3755432.03	TCE	2/7/2008	11/7/2023	36	36	No	1.08732673	280.00	1	Increasing	4	4	No	2.885749829	-2.00	0.625	No Trend	29	29	No	0.958323849	244.00	1	Increasing	10	10	No	0.372942556	31.00	0.998	Increasing
PTX06-1127	635901.90	3755432.03	DCE12C	2/7/2008	11/7/2023	36	36	No	0.935767973	260.00	1	Increasing	4	4	No	2.864799776	-6.00	0.958	Decreasing	29	29	No	0.885405903	244.00	1	Increasing	10	10	No	0.46184836	29.00	0.995	Increasing
PTX06-1127	635901.90	3755432.03	DCE12T	2/7/2008	11/7/2023	36	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DCA12	2/7/2008	11/7/2023	36	36	No	0.50454464	-365.00	1	Decreasing	4	4	No	2.855209369	-6.00	0.958	Decreasing	29	29	No	0.578369505	-269.00	1	Decreasing	10	10	No	0.219681298	-34.00	0.9995	Decreasing
PTX06-1127	635901.90	3755432.03	TCLME	2/7/2008	11/7/2023	36	36	No	0.739820506	416.00	1	Increasing	4	4	No	2.847246899	-6.00	0.958	Decreasing	29	29	No	0.568282734	196.00	1	Increasing	10	10	No	0.249581491	-19.00	0.946	Probably Decreasing
PTX06-1127	635901.90	3755432.03	VC	2/7/2008	11/7/2023	36	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	PERC	2/7/2008	11/7/2023	36	36	No	0.599180587	-501.00	1	Decreasing	4	4	No	2.843323326	-4.00	0.833	No Trend	29	29	No	0.47439242	-312.00	1	Decreasing	10	10	No	0.42356776	-37.00	1	Decreasing
PTX06-1127	635901.90	3755432.03	B	9/8/2009	11/7/2023	29	29	No	0.166879467	234.00	1	Increasing	4	4	No	2.509102318	0.00	0.375	No Trend	29	29	No	0.166879467	234.00	1	Increasing	10	10	No	0.093081404	24.00	0.9815	Increasing
PTX06-1127	635901.90	3755432.03	CR	2/7/2008	11/7/2023	26	25	No	1.494279236	120.00	0.996	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	21	No	1.415317892	66.00	0.967	Increasing	10	10	No	1.388926575	21.00	0.964	Increasing
PTX06-1127	635901.90	3755432.03	CR-6	2/7/2008	11/7/2023	23	16	No	0.938005004	-176.00	1	Decreasing	4	4	No	2.219233941	4.00	0.833	No Trend	22	16	No	0.977958828	-159.00	1	Decreasing	10	9	No	0.660390762	-35.00	1	Decreasing
PTX06-1131	629371.68	3754232.91	RDX	8/24/2009	9/26/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	HMX	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TNT	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT24	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT26	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT2A	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT4A	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TNB135	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNB13	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	MNX	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNX	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TNX	8/24/2009	9/26/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	PCE	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TCE	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DCE12C	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DCE12T	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DCA12	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TCLME	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	VC	8/24/2009	4/18/2023	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	19	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	B	8/24/2009	4/18/2023	19	19	No	0.12135947	-44.00	0.933	Probably Decreasing	4	4	No	1.939649506	-2.00	0.625	No Trend	19	19	No	0.12135947	-44.00	0.933	Probably Decreasing	5	5	No	0.0664076	2.00	0.592	No Trend
PTX06-1134	633520.06	3754409.17	RDX	8/27/2009	11/14/2023	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	HMX	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	TNT	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT24	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT26	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT2A	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT4A	8/27/2009	11/14/2023	29	28	No	0.725427551	-169.00	0.999	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	28	No	0.725427551	-169.00	0.999	Decreasing	10	10	No	0.242304385	17.00	0.922	Probably Increasing
PTX06-1134	633520.06	3754409.17	TNB135	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNB13	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	MNX	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNX	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	TNX	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DIOXANE14	8/27/2009	11/14/2023	29	26	No	0.438306417	-53.00	0.8335	Stable	4	4	No	2.518833023	4.00	0.833	No Trend	29	26	No	0.438306417	-53.00	0.8335	Stable	10	10	No	0.318426891	-25.00	0.986	Decreasing
PTX06-1134	633520.06	3754409.17	PCE	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	TCE	8/27/2009	11/14/2023	29	18	No	1.302876473	257.00	1	Increasing	4	4	No	2.653763113	6.00	0.958	Increasing	29	18	No	1.302876473	257.00	1	Increasing	10	10	No	0.647914109	19.00	0.946	Probably Increasing
PTX06-1134	633520.06	3754409.17	DCE12C	8/27/2009	11/14/2023	29	15	No	1.128475374	187.00	1	Increasing	4	4	No	2.650885037	6.00	0.958	Increasing	29	15	No	1.128475374	187.00	1	Increasing	10	10	No	0.657677416	23.00	0.977	Increasing
PTX06-1134	633520.06	3754409.17	DCE12T	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DCA12	8/27/2009	11/14/2023	29	5	No	0.177713228	42.00	0.777	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	29	5	No	0.177713228	42.00	0.777	No Trend	10	5	No	0.271379107	9.00	0.758	No Trend
PTX06-1134	633520.06	3754409.17	TCLME	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	VC	8/27/2009	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	PERC	8/27/2009	11/14/2023	29	28	No	1.356752384	312.00	1	Increasing	4	4	No	2.599136308	4.00	0.833	No Trend	29	28	No	1.356752384	312.00	1	Increasing	10	10	No	0.557611676	31.00	0.998	Increasing
PTX06-1134	633520.06	3754409.17	B	8/27/2009	11/14/2023	29	29	No	0.133378172	302.00	1	Increasing	4	4	No	2.511561316	2.00	0.625	No Trend	29	29	No	0.133378172	302.00	1	Increasing	10	10	No	0.052511952	23.00	0.977	Increasing
PTX06-1134	633520.06	3754409.17	AS	8/30/2017	11/14/2023	13	12	No	0.309911915	0.00	0.476	Stable	4	4	No	1.548609101	4.00	0.833	No Trend	13	12	No	0.309911915	0.00	0.476	Stable	9	8	No	0.315334823	8.00	0.762	No Trend
PTX06-1134	633520.06	3754409.17	BA	5/6/2010	11/14/2023	17	17	No	0.132557739	-103.00	1	Decreasing	4	4	No	1.806467622	-2.00	0.625	No Trend	17	17	No	0.132557739	-103.00	1	Decreasing	9	9	No	0.060324118	-13.00	0.89	Stable
PTX06-1134	633520.06	3754409.17	MN	5/6/2010	11/14/2023	17	17	No	0.609335481	-6.00	0.58	Stable	4	4	No	2.010683628	4.00	0.833	No Trend	17	17	No	0.609335481	-6.00	0.58	Stable	9	9	No	0.598534917	14.00	0.91	Probably Increasing
PTX06-1146	645978.91	3757691.87	RDX	9/2/2009	8/7/2023	29	29	No	0.273677585	52.00	0.829	No Trend	4	4	No	2.515555177	-6.00	0.958	Decreasing	29	29	No	0.273677585	52.00	0.829	No Trend	10	10	No	0.264546624	18.00	0.934	Probably Increasing
PTX06-1146	645978.91	3757691.87	HMX	9/2/2009	8/7/2023	29	29	No	0.827373499	346.00	1	Increasing	4	4	No	2.555377293	4.00	0.833	No Trend	29	29	No	0.827373499	346.00	1	Increasing	10	10	No	0.431284348	31.00	0.998	Increasing
PTX06-1146	645978.91	3757691.87	TNT	9/2/2009	8/7/2023	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	DNT24	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DNT26	9/2/2009	8/7/2023	29	26	No	0.257107861	130.00	0.993	Increasing	4	4	No	2.584950164	0.00	0.375	No Trend	29	26	No	0.257107861	130.00	0.993	Increasing	10	8	No	0.213190224	25.00	0.986	Increasing
PTX06-1146	645978.91	3757691.87	DNT2A	9/2/2009	8/7/2023	29	26	No	0.592274697	183.00	1	Increasing	4	4	No	2.796579684	-6.00	0.958	Decreasing	29	26	No	0.592274697	183.00	1	Increasing	10	10	No	0.08735611	-20.00	0.955	Decreasing
PTX06-1146	645978.91	3757691.87	DNT4A	9/2/2009	8/7/2023	29	29	No	0.268279625	-145.00	0.997	Decreasing	4	4	No	2.525544896	2.00	0.625	No Trend	29	29	No	0.268279625	-145.00	0.997	Decreasing	10	10	No	0.10951554	3.00	0.569	No Trend
PTX06-1146	645978.91	3757691.87	TNB135	9/2/2009	8/7/2023	29	17	No	0.191770656	-21.00	0.645	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	17	No	0.191770656	-21.00	0.645	Stable	10	6	No	0.225663029	2.00	0.5345	No Trend
PTX06-1146	645978.91	3757691.87	DNB13	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	MNX	9/2/2009	8/7/2023	29	29	No	1.125364603	-156.00	0.998	Decreasing	4	4	No	2.678420799	6.00	0.958	Increasing	29	29	No	1.125364603	-156.00	0.998	Decreasing	10	10	No	0.159788428	21.00	0.964	Increasing
PTX06-1146	645978.91	3757691.87	DNX	9/2/2009	8/7/2023	29	29	No	0.403088915	115.00	0.984	Increasing	4	4	No	2.551207787	6.00	0.958	Increasing	29	29	No	0.403088915	115.00	0.984	Increasing	10	10	No	0.270763236	13.00	0.854	No Trend
PTX06-1146	645978.91	3757691.87	TNX	9/2/2009	8/7/2023	29	29	No	0.415305213	178.00	1	Increasing	4	4	No	2.566161479	4.00	0.833	No Trend	29	29	No	0.415305213	178.00	1	Increasing	10	10	No	0.114793252	23.00	0.977	Increasing
PTX06-1146	645978.91	3757691.87	PCE	9/2/2009	8/7/2023	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	TCE	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DCE12C	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DCE12T	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DCA12	9/2/2009	8/7/2023	29	7	No	0.236054525	75.00	0.917	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	29	7	No	0.236054525	75.00	0.917	Probably Increasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	TCLME	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	VC	9/2/2009	8/7/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	B	9/2/2009	8/7/2023	29	29	No	0.31693323	-4.00	0.522	Stable	4	4	No	2.867734116	0.00	0.375	No Trend	29	29	No	0.31693323	-4.00	0.522	Stable	10	10	No	0.397002006	28.00	0.9935	Increasing
PTX06-1146	645978.91	3757691.87	CR	9/2/2009	8/7/2023	29	29	No	1.412370537	112.00	0.982	Increasing	4	4	No	2.849135328	0.00	0.375	No Trend	29	29	No	1.412370537	112.00	0.982	Increasing	10	10	No	0.883491915	5.00	0.636	No Trend
PTX06-1146	645978.91	3757691.87	CR-6	9/2/2009	8/7/2023	29	24	No	0.395388491	250.00	1	Increasing	4	4	No	2.526000484	-4.00	0.833	No Trend	29	24	No	0.395388491	250.00	1	Increasing	10	10	No	0.156190979	31.00	0.998	Increasing
PTX06-1146	645978.91	3757691.87	FE	9/2/2009	8/7/2023	29	18	No	0.879640022	-210.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	18	No	0.879640022	-210.00	1	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	MN	9/2/2009	8/7/2023	29	23	No	1.514396549	-259.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	23	No	1.514396549	-259.00	1	Decreasing	10	6	No	0.581506903	3.00	0.569	No Trend
PTX06-1146	645978.91	3757691.87	MO	9/2/2009	8/7/2023	29	29	No	0.534663578	-11.00	0.5735	Stable	4	4	No	2.598116305	-2.00	0.625	No Trend	29	29	No	0.534663578	-11.00	0.5735	Stable	10	10	No	0.344028045	7.00	0.7	No Trend
PTX06-1146	645978.91	3757691.87	NI	9/2/2009	8/7/2023	29	28	No	1.249119512	-229.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	28	No	1.249119512	-229.00	1	Decreasing	10	10	No	0.608113051	-8.00	0.729	Stable
PTX06-1146	645978.91	3757691.87	V	9/2/2009	8/7/2023	29	29	No	0.090966592	41.00	0.7715	No Trend	4	4	No	2.502620587	0.00	0.375	No Trend	29	29	No	0.090966592	41.00	0.7715	No Trend	10	10	No	0.059899488	3.00	0.569	No Trend
PTX06-1147	645431.85	3753953.21	RDX	9/2/2009	10/30/2023	29	29	No	0.408576711	-89.00	0.95	Decreasing	4	4	No	2.550888126	0.00	0.375	No Trend	29	29	No	0.408576711	-89.00	0.95	Decreasing	10	10	No	0.227424715	-7.00	0.7	Stable
PTX06-1147	645431.85	3753953.21	HMX	9/2/2009	10/30/2023	29	29	No	0.527365826	32.00	0.718	No Trend	4	4	No	2.501291583	2.00	0.625	No Trend	29	29	No	0.527365826	32.00	0.718	No Trend	10	10	No	0.430281585	1.00	0.5	No Trend
PTX06-1147	645431.85	3753953.21	TNT	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DNT24	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DNT26	9/2/2009	10/30/2023	29	5	No	0.103464399	-206.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	5	No	0.103464399	-206.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	DNT2A	9/2/2009	10/30/2023	29	22	No	1.114567515	240.00	1	Increasing	4	4	No	3.269044361	6.00	0.958	Increasing	29	22	No	1.114567515	240.00	1	Increasing	10	10	No	0.422641099	23.00	0.977	Increasing
PTX06-1147	645431.85	3753953.21	DNT4A	9/2/2009	10/30/2023	29	29	No	0.453557073	-110.00	0.98	Decreasing	4	4	No	2.610515102	-4.00	0.833	No Trend	29	29	No	0.453557073	-110.00	0.98	Decreasing	10	10	No	0.15219158	25.00	0.986	Increasing
PTX06-1147	645431.85	3753953.21	TNB135	9/2/2009	10/30/2023	29	6	No	0.115442982	-170.00	0.999	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	6	No	0.115442982	-170.00	0.999	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	DNB13	9/2/2009	10/30/2023	29	5	No	0.164723842	-204.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	5	No	0.164723842	-204.00	1	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	MNX	9/2/2009	10/30/2023	29	24	No	1.214511117	-206.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	24	No	1.214511117	-206.00	1	Decreasing	10	8	No	1.233207506	-39.00	1	Decreasing
PTX06-1147	645431.85	3753953.21	DNX	9/2/2009	10/30/2023	29	26	No	1.017058104	-216.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	26	No	1.017058104	-216.00	1	Decreasing	10	10	No	0.88294356	-35.00	1	Decreasing
PTX06-1147	645431.85	3753953.21	TNX	9/2/2009	10/30/2023	29	29	No	0.43538992	-112.00	0.982	Decreasing	4	4	No	2.521279432	-4.00	0.833	No Trend	29	29	No	0.43538992	-112.00	0.982	Decreasing	10	10	No	0.304772537	-15.00	0.892	Stable
PTX06-1147	645431.85	3753953.21	PCE	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	TCE	9/2/2009	10/30/2023	29	28	No	0.268898532	-82.00	0.935	Probably Decreasing	4	4	No	2.524224065	-4.00	0.833	No Trend	29	28	No	0.268898532	-82.00	0.935	Probably Decreasing	10	9	No	0.157393054	21.00	0.964	Increasing
PTX06-1147	645431.85	3753953.21	DCE12C	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DCE12T	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DCA12	9/2/2009	10/30/2023	29	16	No	0.157689753	-90.00	0.952	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	16	No	0.157689753	-90.00	0.952	Decreasing	10	7	No	0.174781348	11.00	0.81	No Trend
PTX06-1147	645431.85	3753953.21	TCLME	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	VC	9/2/2009	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	B	9/2/2009	10/30/2023	29	29	No	0.225015664	4.00	0.522	No Trend	4	4	No	2.529757582	6.00	0.958	Increasing	29	29	No	0.225015664	4.00	0.522	No Trend	10	10	No	0.12496045	-27.00	0.992	Decreasing
PTX06-1147	645431.85	3753953.21	CR	9/2/2009	10/30/2023	29	29	No	1.750642672	14.00	0.595	No Trend	4	4	No	3.525470995	2.00	0.625	No Trend	29	29	No	1.750642672	14.00	0.595	No Trend	10	10	No	2.018565561	-1.00	0.5	No Trend
PTX06-1147	645431.85	3753953.21	CR-6	9/2/2009	10/30/2023	29	16	No	0.318525346	-138.00	0.995	Decreasing	4	4	No	2.543239562	4.00	0.833	No Trend	29	16	No	0.318525346	-138.00	0.995	Decreasing	10	9	No	0.349346441	15.00	0.892	No Trend
PTX06-1147	645431.85	3753953.21	FE	9/2/2009	10/30/2023	29	26	No	0.838094045	-149.00	0.9975	Decreasing	4	4	No	3.667430794	4.00	0.833	No Trend	29	26	No	0.838094045	-149.00	0.9975	Decreasing	10	7	No	1.193558202	-8.00	0.729	No Trend
PTX06-1147	645431.85	3753953.21	MN	9/2/2009	10/30/2023	29	27	No	0.73673458	-157.00	0.9985	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	27	No	0.73673458	-157.00	0.9985	Decreasing	10	9	No	0.83674526	-22.00	0.9705	Decreasing
PTX06-1147	645431.85	3753953.21	MO	9/2/2009	10/30/2023	29	29	No	0.543783138	-36.00	0.743	Stable	4	4	No	2.642283699	0.00	0.375	No Trend	29	29	No	0.543783138	-36.00	0.743	Stable	10	10	No	0.636729535	-29.00	0.995	Decreasing
PTX06-1147	645431.85	3753953.21	NI	9/2/2009	10/30/2023	29	29	No	0.935319865	-148.00	0.997	Decreasing	4	4	No	2.791394887	2.00	0.625	No Trend	29	29	No	0.935319865	-148.00	0.997	Decreasing	10	10	No	1.249331066	-41.00	1	Decreasing
PTX06-1147	645431.85	3753953.21	V	9/2/2009	10/30/2023	29	29	No	0.254250218	101.00	0.97	Increasing	4	4	No	2.504492753	-2.00	0.625	No Trend	29	29	No	0.254250218	101.00	0.97	Increasing	10	10	No	0.236617959	30.00	0.9965	Increasing
PTX06-1151	633935.95	3756123.62	RDX	9/1/2009	9/19/2023	29	29	No	0.683756961	-343.00	1	Decreasing	4	4	No	2.568700363	0.00	0.375	No Trend	29	29	No	0.683756961	-343.00	1	Decreasing	10	10	No	0.387929296	-35.00	1	Decreasing
PTX06-1151	633935.95	3756123.62	HMX	9/1/2009	9/19/2023	29	29	No	1.055681315	-369.00	1	Decreasing	4	4	No	2.56537894	0.00	0.375	No Trend	29	29	No	1.055681315	-369.00	1	Decreasing	10	10	No	0.430292142	-31.00	0.998	Decreasing
PTX06-1151	633935.95	3756123.62	TNT	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT24	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT26	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT2A	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT4A	9/1/2009	9/19/2023	29	27	No	0.285671865	99.00	0.9675	Increasing	4	4	No	2.571775613	2.00	0.625	No Trend	29	27	No	0.285671865	99.00	0.9675	Increasing	10	10	No	0.182030323	-19.00	0.946	Probably Decreasing
PTX06-1151	633935.95	3756123.62	TNB135	9/1/2009	9/19/2023	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1151	633935.95	3756123.62	DNB13	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	MNX	9/1/2009	9/19/2023	29	9	No	0.239987127	-178.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	9	No	0.239987127	-178.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNX	9/1/2009	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	TNX	9/1/2009	9/19/2023	29	29	No	0.854795021	-355.00	1	Decreasing	4	4	No	2.541005557	0.00	0.375	No Trend	29	29	No	0.854795021	-355.00	1	Decreasing	10	10	No	0.508540605	-31.00	0.998	Decreasing
PTX06-1151	633935.95	3756123.62	DIOXANE14	9/1/2009	9/19/2023	29	29	No	0.449092127	254.00	1	Increasing	4	4	No	2.558180983	4.00	0.833	No Trend	29	29	No	0.449092127	254.00	1	Increasing	10	10	No	0.255375042	21.00	0.964	Increasing
PTX06-1151	633935.95	3756123.62	PCE	5/20/2009	9/19/2023	30	30	No	0.357034628	172.00	0.999	Increasing	4	4	No	2.574716093	-6.00	0.958	Decreasing	29	29	No	0.32761152	143.00	0.9965	Increasing	10	10	No	0.188597877	3.00	0.569	No Trend
PTX06-1151	633935.95	3756123.62	TCE	5/20/2009	9/19/2023	30	30	No	0.26355509	50.00	0.807	No Trend	4	4	No	2.561340181	6.00	0.958	Increasing	29	29	No	0.258924313	23.00	0.659	No Trend	10	10	No	0.175389279	3.00	0.569	No Trend
PTX06-1151	633935.95	3756123.62	DCE12C	5/20/2009	9/19/2023	30	30	No	0.42617149	258.00	1	Increasing	4	4	No	2.56354367	2.00	0.625	No Trend	29	29	No	0.416751001	235.00	1	Increasing	10	10	No	0.284452978	16.00	0.907	Probably Increasing

Perched Long Term Monitoring Well Trends

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
PTX06-1151	633935.95	3756123.62	DCE12T	5/20/2009	9/19/2023	30	4	No	0.637375323	-57.00	0.84	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	29	4	No	0.299300063	-28.00	0.692	Stable	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1151	633935.95	3756123.62	DCA12	5/20/2009	9/19/2023	30	30	No	0.289605232	-66.00	0.8755	Stable	4	4	No	2.564066413	0.00	0.375	No Trend	29	29	No	0.294069129	-71.00	0.9045	Probably Decreasing	10	10	No	0.264628344	-33.00	0.999	Decreasing
PTX06-1151	633935.95	3756123.62	TCLME	5/20/2009	9/19/2023	30	30	No	0.505692219	179.00	0.999	Increasing	4	4	No	2.577426944	-2.00	0.625	No Trend	29	29	No	0.482406583	150.00	0.998	Increasing	10	10	No	0.226130847	-23.00	0.977	Decreasing
PTX06-1151	633935.95	3756123.62	VC	5/20/2009	9/19/2023	30	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	PERC	9/1/2009	9/19/2023	30	30	No	0.447896293	-317.00	1	Decreasing	4	4	No	2.689267664	-4.00	0.833	No Trend	30	30	No	0.447896293	-317.00	1	Decreasing	11	11	No	0.340721416	-55.00	1	Decreasing
PTX06-1151	633935.95	3756123.62	B	9/1/2009	9/19/2023	29	29	No	0.074901178	124.00	0.99	Increasing	4	4	No	2.502192945	0.00	0.375	No Trend	29	29	No	0.074901178	124.00	0.99	Increasing	10	10	No	0.07103497	15.00	0.892	No Trend
PTX06-1151	633935.95	3756123.62	TVFA	1/8/2014	1/8/2014	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1159	634015.04	3754843.47	RDX	1/29/2013	9/27/2023	22	4	No	0.336024043	-121.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	22	4	No	0.336024043	-121.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	HMX	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	TNT	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT24	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT26	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT2A	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT4A	1/29/2013	9/27/2023	22	22	No	0.24673126	-98.00	0.9975	Decreasing	4	4	No	2.167208173	-6.00	0.958	Decreasing	22	22	No	0.24673126	-98.00	0.9975	Decreasing	10	10	No	0.206643768	-18.00	0.934	Probably Decreasing
PTX06-1159	634015.04	3754843.47	TNB135	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNB13	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	MNX	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNX	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	TNX	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DIOXANE14	1/29/2013	9/27/2023	22	22	No	0.856821366	73.00	0.979	Increasing	4	4	No	2.540702246	6.00	0.958	Increasing	22	22	No	0.856821366	73.00	0.979	Increasing	10	10	No	0.247099519	27.00	0.992	Increasing
PTX06-1159	634015.04	3754843.47	PCE	1/29/2013	9/27/2023	22	6	No	0.760066411	9.00	0.588	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	22	6	No	0.760066411	9.00	0.588	No Trend	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	TCE	1/29/2013	9/27/2023	22	22	No	0.469003342	-127.00	1	Decreasing	4	4	No	2.159005168	-6.00	0.958	Decreasing	22	22	No	0.469003342	-127.00	1	Decreasing	10	10	No	0.353403588	-37.00	1	Decreasing
PTX06-1159	634015.04	3754843.47	DCE12C	1/29/2013	9/27/2023	22	22	No	0.505279245	32.00	0.8065	No Trend	4	4	No	2.693360073	6.00	0.958	Increasing	22	22	No	0.505279245	32.00	0.8065	No Trend	10	10	No	0.272339839	-33.00	0.999	Decreasing
PTX06-1159	634015.04	3754843.47	DCE12T	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DCA12	1/29/2013	9/27/2023	22	20	No	0.865986585	-170.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	20	No	0.865986585	-170.00	1	Decreasing	10	9	No	0.884175067	-45.00	1	Decreasing
PTX06-1159	634015.04	3754843.47	TCLME	1/29/2013	9/27/2023	22	11	No	0.596147635	-97.00	0.997	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	22	11	No	0.596147635	-97.00	0.997	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	VC	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	PERC	1/29/2013	9/27/2023	22	22	No	0.649047726	21.00	0.711	No Trend	4	4	No	2.687577779	-6.00	0.958	Decreasing	22	22	No	0.649047726	21.00	0.711	No Trend	10	10	No	0.363499697	-11.00	0.81	Stable
PTX06-1159	634015.04	3754843.47	B	1/29/2013	9/27/2023	22	22	No	0.181746589	129.00	1	Increasing	4	4	No	2.138797265	2.00	0.625	No Trend	22	22	No	0.181746589	129.00	1	Increasing	10	10	No	0.139638701	34.00	0.9995	Increasing
PTX06-1160	632835.73	3756274.13	RDX	1/29/2013	8/9/2023	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	HMX	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TNT	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT24	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT26	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT2A	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT4A	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TNB135	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNB13	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	MNX	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNX	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TNX	1/29/2013	8/9/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DIOXANE14	1/29/2013	8/9/2023	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1160	632835.73	3756274.13	PCE	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TCE	1/29/2013	9/27/2023	22	5	No	0.051233411	-24.00	0.739	Stable	4	0	Yes	0	0.00	0	All Non-Detect	22	5	No	0.051233411	-24.00	0.739	Stable	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1160	632835.73	3756274.13	DCE12C	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DCE12T	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DCA12	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TCLME	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	VC	1/29/2013	9/27/2023	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	PERC	1/29/2013	8/9/2023	23	12	No	1.563552623	-106.00	0.9975	Decreasing	4	4	No	2.240839082	0.00	0.375	No Trend	23	12	No	1.563552623	-106.00	0.9975	Decreasing	11	8	No	1.7878725	-22.00	0.9485	Probably Decreasing
PTX06-1160	632835.73	3756274.13	B	1/29/2013	8/9/2023	22	22	No	0.079437545	-12.00	0.6205	Stable	4	4	No	2.12650388	-6.00	0.958	Decreasing	22	22	No	0.079437545	-12.00	0.6205	Stable	10	10	No	0.066986118	10.00	0.784	No Trend
PTX06-1166	639750.34	3752799.74	RDX	1/28/2013	8/2/2023	20	20	No	0.299999291	-122.00	1	Decreasing	4	4	No	2.029954816	2.00	0.625	No Trend	20	20	No	0.299999291	-122.00	1	Decreasing	8	8	No	0.154491593	0.00	0.452	Stable
PTX06-1166	639750.34	3752799.74	HMX	1/28/2013	8/2/2023	20	20	No	0.348385015	-128.00	1	Decreasing	4	4	No	2.037564546	6.00	0.958	Increasing	20	20	No	0.348385015	-128.00	1	Decreasing	8	8	No	0.197203062	-16.00	0.969	Decreasing
PTX06-1166	639750.34	3752799.74	TNT	1/28/2013	8/2/2023	20	6	No	0.966244326	141.00	1	Increasing	4	4	No	2.06198901	6.00	0.958	Increasing	20	6	No	0.966244326	141.00	1	Increasing	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	DNT24	1/28/2013	8/2/2023	20	15	No	0.402211285	-45.00	0.9225	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	20	15	No	0.402211285	-45.00	0.9225	Probably Decreasing	8	5	No	0.479599718	1.00	0.5	No Trend
PTX06-1166	639750.34	3752799.74	DNT26	1/28/2013	8/2/2023	20	10	No	0.665521676	-37.00	0.8765	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	20	10	No	0.665521676	-37.00	0.8765	Stable	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	DNT2A	1/28/2013	8/2/2023	20	20	No	0.223531264	-22.00	0.75	Stable	4	4	No	2.01593683	-2.00	0.625	No Trend	20	20	No	0.223531264	-22.00	0.75	Stable	8	8	No	0.129536347	2.00	0.548	No Trend
PTX06-1166	639750.34	3752799.74	DNT4A	1/28/2013	8/2/2023	20	20	No	0.224282726	48.00	0.936	Probably Increasing	4	4	No	2.019008008	6.00	0.958	Increasing	20	20	No	0.224282726	48.00	0.936	Probably Increasing	8	8	No	0.114738858	14.00	0.946	Probably Increasing
PTX06-1166	639750.34	3752799.74	TNB135	1/28/2013	8/2/2023	19	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	19	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	DNB13	1/28/2013	8/2/2023	20	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	MNX	1/28/2013	8/2/2023	20	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	DNX	1/28/2013	8/2/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	TNX	1/28/2013	8/2/2023	20	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	DIOXANE14	11/29/2022	8/2/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1166	639750.34	3752799.74	PCE	1/28/2013	8/2/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	TCE	1/28/2013	8/2/2023	20	20	No	0.5379624	-164.00	1	Decreasing	4	4	No	2.015706702	-4.00	0.833	No Trend	20	20	No	0.5379624	-164.00	1	Decreasing	8	8	No	0.306472012	-18.00	0.984	Decreasing
PTX06-1166	639750.34	3752799.74	DCE12C	1/28/2013	8/2/2023	20	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	DCE12T	1/28/2013	8/2/2023	20	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	DCA12	1/28/2013	8/2/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	TCLME	1/28/2013	8/2/2023	20	16	No	0.260903809	-121.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	20	16	No	0.260903809	-121.00	1	Decreasing	8	6	No	0.175231288	-3.00	0.594	Stable
PTX06-1166	639750.34	3752799.74	VC	1/28/2013	8/2/2023	20	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	PERC	7/25/2022	8/2/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1166	639750.34	3752799.74	B	1/28/2013	2/15/2023	19	19	No	0.080631068	-28.00	0.825	Stable	4	4	No	1.936975348	3.00	0.729	No Trend	19	19	No	0.080631068	-28.00	0.825	Stable	8	8	No	0.080331494	9.00	0.8315	No Trend
PTX06-1166	639750.34	3752799.74	CR	1/28/2013	2/15/2023	19	19	No	0.326674901	53.00	0.966	Increasing	4	4	No	1.938920387	-4.00	0.833	No Trend	19	19	No	0.326674901	53.00	0.966	Increasing	8	8	No	0.35060063	20.00	0.993	Increasing
PTX06-1166	639750.34	3752799.74	CR-6	1/28/2013	8/2/2023	20	19	No	0.652976401	130.00	1	Increasing	4	4	No	2.015143188	2.00	0.625	No Trend	20	19	No	0.652976401	130.00	1	Increasing	8	8	No	0.396638765	18.00	0.984	Increasing
PTX06-1166	639750.34	3752799.74	FE	1/28/2013	2/15/2023	19	19	No	0.993698334	-62.00	0.9845	Decreasing	4	4	No	2.810744322	-1.00	0.5	No Trend	19	19	No	0.993698334	-62.00	0.9845	Decreasing	8	8	No	0.458529126	-2.00	0.548	Stable
PTX06-1166	639750.34	3752799.74	MN	1/28/2013	2/15/2023	19	19	No	0.928421986	-137.00	1	Decreasing	4	4	No	3.191834755	-2.00	0.625	No Trend	19	19	No	0.928421986	-137.00	1	Decreasing	8	8	No	0.523938757	-20.00	0.993	Decreasing
PTX06-1166	639750.34	3752799.74	MO	1/28/2013	2/15/2023	19	19	No	0.767737178	-79.00	0.997	Decreasing	4	4	No	1.940790576	-2.00	0.625	No Trend	19	19	No	0.767737178	-79.00	0.997	Decreasing	8	8	No	0.113006675	-6.00	0.726	Stable
PTX06-1166	639750.34	3752799.74	NI	1/28/2013	2/15/2023	19	16	No	0.45707046	-54.00	0.9685	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	16	No	0.45707046	-54.00	0.9685	Decreasing	8	8	No	0.487783763	-2.00	0.548	Stable
PTX06-1166	639750.34	3752799.74	V	1/28/2013	2/15/2023	19	19	No	0.195419838	122.00	1	Increasing	4	4	No	1.939845282	6.00	0.958	Increasing	19	19	No	0.195419838	122.00	1	Increasing	8	8	No	0.117246295	13.00	0.9285	Probably Increasing
PTX06-1171	634373.95	3755715.08	RDX	5/25/2016	9/19/2023	8	8	No	0.409966186	18.00	0.984	Increasing	4	4	No	1.03242505	2.00	0.625	No Trend	8	8	No	0.409966186	18.00	0.984	Increasing	5	5	No	0.287683062	8.00	0.958	Increasing
PTX06-1171	634373.95	3755715.08	HMX	5/25/2016	9/19/2023	8	5	No	0.652948076	22.00	0.998	Increasing	4	4	No	1.096786316	4.00	0.833	No Trend	8	5	No	0.652948076	22.00	0.998	Increasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1171	634373.95	3755715.08	TNT	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNT24	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNT26	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNT2A	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNT4A	5/25/2016	9/19/2023	8	8	No	0.337188083	-22.00	0.998	Decreasing	4	4	No	1.041871354	-4.00	0.833	No Trend	8	8	No	0.337188083	-22.00	0.998	Decreasing	5	5	No	0.206337552	-6.00	0.883	Stable
PTX06-1171	634373.95	3755715.08	TNB135	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNB13	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	MNX	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	DNX	5/25/2016	9/19/2023	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
PTX06-1171	634373.95	3755715.08	TNX	5/25/2016	9/19/2023	8	7	No	0.325820209	12.00	0.911	Probably Increasing	4	4	No	1.01250582	-2.00	0.625	No Trend	8	7	No	0.325820209	12.00	0.911	Probably Increasing	5	5	No	0.304890301	4.00	0.758	No Trend
PTX06-1171	634373.95	3755715.08	DIOXANE14	5/25/2016	9/19/2023	8	8	No	0.463103731	12.00	0.911	Probably Increasing	4	4	No	1.090353353	0.00	0.375	No Trend	8	8	No	0.463103731	12.00	0.911	Probably Increasing	5	5	No	0.543087226	8.00	0.958	Increasing
PTX06-1171	634373.95	3755715.08	PCE	3/18/2015	9/19/2023	9	9	No	0.262376583	13.00	0.89	No Trend	4	4	No	1.125645326	-2.00	0.625	No Trend	9	9	No	0.262376583	13.00	0.89	No Trend	5	5	No	0.096496644	-2.00	0.592	Stable
PTX06-1171	634373.95	3755715.08	TCE	3/18/2015	9/19/2023	9	9	No	0.104836773	-10.00	0.821	Stable	4	4	No	1.123147973	-4.00	0.833	No Trend	9	9	No	0.104836773	-10.00	0.821	Stable	5	5	No	0.06997113	-8.00	0.958	Decreasing
PTX06-1171	634373.95	3755715.08	DCE12C	3/18/2015	9/19/2023	9	9	No	0.141595201	-29.00	0.9995	Decreasing	4	4	No	1.126303063	0.00	0.375	No Trend	9	9	No	0.141595201	-29.00	0.9995	Decreasing	5	5	No	0.099641089	-9.00	0.975	Decreasing
PTX06-1171	634373.95	3755715.08	DCE12T	3/18/2015	9/19/2023	9	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DCA12	3/18/2015	9/19/2023	9	9	No	0.145462123	-17.00	0.951	Decreasing	4	4	No	1.122727708	5.00	0.8955	No Trend	9	9	No	0.145462123	-17.00	0.951	Decreasing	5	5	No	0.158662483	-6.00	0.883	Stable
PTX06-1171	634373.95	3755715.08	TCLME	3/18/2015	9/19/2023	9	9	No	0.575187859	28.00	0.999	Increasing	4	4	No	1.233390619	4.00	0.833	No Trend	9	9	No	0.575187859	28.00	0.999	Increasing	5	5	No	0.443450298	8.00	0.958	Increasing
PTX06-1171	634373.95	3755715.08	VC	3/18/2015	9/19/2023	9	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	PERC	3/18/2015	9/19/2023	9	9	No	0.354108598	-24.00	0.994	Decreasing	4	4	No	1.122123173	-2.00	0.625	No Trend	9	9	No	0.354108598	-24.00	0.994	Decreasing	5	5	No	0.203812061	-4.00	0.758	Stable
PTX06-1171	634373.95	3755715.08	B	3/18/2015	9/19/2023	9	9	No	0.096979005	-7.00	0.728	Stable	4	4	No	1.123544428	-4.00	0.833	No Trend	9	9	No	0.096979005	-7.00	0.728	Stable	5	5	No	0.07738011	4.00	0.758	No Trend
PTX06-1180	633474.07	3756487.93	RDX	12/9/2015	9/19/2023	15	4	No	0.134310419	-26.00	0.8895	Stable	4	0	Yes	0	0.00	0	All Non-Detect	15	4	No	0.134310419	-26.00	0.8895	Stable	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1180	633474.07	3756487.93	HMX	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TNT	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT24	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT26	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT2A	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT4A	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TNB135	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNB13	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	MNX	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNX	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TNX	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DIOXANE14	12/9/2015	9/19/2023	15	14	No	0.571907065	-97.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	14	No	0.571907065	-97.00	1	Decreasing	10	10	No	0.320798105	-39.00	1	Decreasing
PTX06-1180	633474.07	3756487.93	PCE	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TCE	12/9/2015	9/19/2023	15	15	No	0.37952629	-32.00	0.9365	Probably Decreasing	4	4	No	1.748708124	-4.00	0.833	No Trend	15	15	No	0.37952629	-32.00	0.9365	Probably Decreasing	10	10	No	0.163382211	2.00	0.5345	No Trend
PTX06-1180	633474.07	3756487.93	DCE12C	12/9/2015	9/19/2023	15	15	No	0.384394519	-54.00	0.9965	Decreasing	4	4	No	1.719481798	-4.00	0.833	No Trend	15	15	No	0.384394519	-54.00	0.9965	Decreasing	10	10	No	0.162291885	-16.00	0.907	Probably Decreasing
PTX06-1180	633474.07	3756487.93	DCE12T	12/9/2015	9/19/2023	15	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1180	633474.07	3756487.93	DCA12	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TCLME	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	VC	12/9/2015	9/19/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	PERC	12/9/2015	9/19/2023	15	8	No	0.36763992	-62.00	0.999	Decreasing	4	4	No	1.858671727	-4.00	0.833	No Trend	15	8	No	0.36763992	-62.00	0.999	Decreasing	10	4	No	0.27287999	-20.00	0.955	Decreasing
PTX06-1180	633474.07	3756487.93	B	2/1/2017	9/19/2023	14	13	No	0.270203228	-9.00	0.666	Stable	4	4	No	1.585142381	0.00	0.375	No Trend	14	13	No	0.270203228	-9.00	0.666	Stable	10	9	No	0.321201523	2.00	0.5345	No Trend
PTX06-1182	647140.17	3751088.49	RDX	10/3/2016	10/30/2023	16	14	No	1.542385718	-74.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	14	No	1.542385718	-74.00	1	Decreasing	10	10	No	1.635171102	-41.00	1	Decreasing
PTX06-1182	647140.17	3751088.49	HMX	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TNT	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT24	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT26	10/3/2016	10/30/2023	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)

Perched Long Term Monitoring Well Trends

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
PTX06-1182	647140.17	3751088.49	DNT2A	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT4A	10/3/2016	10/30/2023	16	11	No	1.493055425	-98.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	16	11	No	1.493055425	-98.00	1	Decreasing	10	9	No	1.604889901	-38.00	1	Decreasing
PTX06-1182	647140.17	3751088.49	TNB135	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNB13	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	MNX	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNX	4/25/2017	10/30/2023	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
PTX06-1182	647140.17	3751088.49	TNX	10/3/2016	10/30/2023	16	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	PCE	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TCE	10/3/2016	10/30/2023	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DCE12C	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DCE12T	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DCA12	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TCLME	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	VC	10/3/2016	10/30/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	B	10/3/2016	10/30/2023	15	15	No	0.13257649	48.00	0.991	Increasing	4	4	No	1.659560927	2.00	0.625	No Trend	15	15	No	0.13257649	48.00	0.991	Increasing	10	10	No	0.141757088	31.00	0.998	Increasing
PTX06-1182	647140.17	3751088.49	CR	10/3/2016	10/30/2023	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1182	647140.17	3751088.49	CR-6	10/3/2016	10/30/2023	15	13	No	0.846926488	-59.00	0.999	Decreasing	4	4	No	1.662946738	-4.00	0.833	No Trend	15	13	No	0.846926488	-59.00	0.999	Decreasing	10	9	No	0.839781797	-13.00	0.854	Stable
PTX06-1183	639765.77	3753350.43	RDX	11/30/2016	11/14/2023	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	HMX	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TNT	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT24	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT26	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT2A	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT4A	11/30/2016	11/14/2023	15	4	No	0.592775435	-14.00	0.7365	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	4	No	0.592775435	-14.00	0.7365	Stable	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	TNB135	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNB13	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	MNX	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNX	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TNX	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DIOXANE14	11/29/2022	11/14/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1183	639765.77	3753350.43	PCE	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TCE	11/30/2016	11/14/2023	15	8	No	1.183802096	64.00	0.9995	Increasing	4	4	No	1.789124451	4.00	0.833	No Trend	15	8	No	1.183802096	64.00	0.9995	Increasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	DCE12C	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DCE12T	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DCA12	11/30/2016	11/14/2023	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TCLME	11/30/2016	11/14/2023	15	11	No	0.446962801	-62.00	0.999	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	11	No	0.446962801	-62.00	0.999	Decreasing	10	8	No	0.426357454	-37.00	1	Decreasing
PTX06-1183	639765.77	3753350.43	VC	11/30/2016	11/14/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	PERC	4/19/2022	11/14/2023	5	5	No	0.278657979	2.00	0.592	No Trend	4	4	No	0.57457611	0.00	0.375	Stable	5	5	No	0.278657979	2.00	0.592	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1183	639765.77	3753350.43	B	11/30/2016	11/14/2023	15	15	No	0.121050331	65.00	1	Increasing	4	4	No	1.664305362	0.00	0.375	No Trend	15	15	No	0.121050331	65.00	1	Increasing	10	10	No	0.102689825	30.00	0.9965	Increasing
PTX06-1183	639765.77	3753350.43	CR	11/30/2016	11/14/2023	15	15	No	0.684178844	-93.00	1	Decreasing	4	4	No	1.77057985	-6.00	0.958	Decreasing	15	15	No	0.684178844	-93.00	1	Decreasing	10	10	No	0.409762821	-33.00	0.999	Decreasing
PTX06-1183	639765.77	3753350.43	CR-6	11/30/2016	11/14/2023	15	15	No	0.694173465	-93.00	1	Decreasing	4	4	No	1.786698203	-6.00	0.958	Decreasing	15	15	No	0.694173465	-93.00	1	Decreasing	10	10	No	0.444196465	-33.00	0.999	Decreasing
PTX06-1183	639765.77	3753350.43	FE	5/8/2017	11/14/2023	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	MN	5/8/2017	11/14/2023	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
PTX06-1183	639765.77	3753350.43	MO	5/8/2017	11/14/2023	14	14	No	0.201007033	-62.00	1	Decreasing	4	4	No	1.601446581	0.00	0.375	No Trend	14	14	No	0.201007033	-62.00	1	Decreasing	10	10	No	0.127204231	-25.00	0.986	Decreasing
PTX06-1183	639765.77	3753350.43	NI	5/8/2017	11/14/2023	14	5	No	0.208563925	-19.00	0.835	Stable	4	0	Yes	0	0.00	0	All Non-Detect	14	5	No	0.208563925	-19.00	0.835	Stable	10	5	No	0.247672141	-23.00	0.977	Decreasing
PTX06-1183	639765.77	3753350.43	V	5/8/2017	11/14/2023	14	14	No	0.050811694	8.00	0.646	No Trend	4	4	No	1.581733611	-3.00	0.729	No Trend	14	14	No	0.050811694	8.00	0.646	No Trend	10	10	No	0.057521871	5.00	0.636	No Trend
PTX06-1185	647878.41	3751139.83	RDX	7/10/2017	10/18/2023	14	14	No	0.546327469	-79.00	1	Decreasing	4	4	No	1.669863515	-6.00	0.958	Decreasing	14	14	No	0.546327469	-79.00	1	Decreasing	10	10	No	0.392185282	-37.00	1	Decreasing
PTX06-1185	647878.41	3751139.83	HMX	7/10/2017	10/18/2023	13	13	No	0.542754769	-56.00	1	Decreasing	4	4	No	1.610420894	-6.00	0.958	Decreasing	13	13	No	0.542754769	-56.00	1	Decreasing	9	9	No	0.339224085	-14.00	0.91	Probably Decreasing
PTX06-1185	647878.41	3751139.83	TNT	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	DNT24	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	DNT26	7/10/2017	10/18/2023	13	10	No	0.205364683	-20.00	0.874	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	10	No	0.205364683	-20.00	0.874	Stable	9	9	No	0.218482621	-18.00	0.962	Decreasing
PTX06-1185	647878.41	3751139.83	DNT2A	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	DNT4A	7/10/2017	10/18/2023	14	14	No	0.318853521	-68.00	1	Decreasing	4	4	No	1.642000667	-4.00	0.833	No Trend	14	14	No	0.318853521	-68.00	1	Decreasing	10	10	No	0.239968535	-32.00	0.9985	Decreasing
PTX06-1185	647878.41	3751139.83	TNB135	7/10/2017	10/18/2023	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1185	647878.41	3751139.83	DNB13	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	MNX	7/10/2017	10/18/2023	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1185	647878.41	3751139.83	DNX	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	TNX	7/10/2017	10/18/2023	13	13	No	0.681211726	-73.00	1	Decreasing	4	4	No	1.541896538	-6.00	0.958	Decreasing	13	13	No	0.681211726	-73.00	1	Decreasing	9	9	No	0.469766753	-31.00	1	Decreasing
PTX06-1185	647878.41	3751139.83	PCE	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	TCE	7/10/2017	10/18/2023	14	8	No	0.228778084	-5.00	0.585	Stable	4	0	Yes	0	0.00	0	All Non-Detect	14	8	No	0.228778084	-5.00	0.585	Stable	10	8	No	0.248999289	-5.00	0.636	Stable
PTX06-1185	647878.41	3751139.83	DCE12C	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	DCE12T	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	DCA12	7/10/2017	10/18/2023	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1185	647878.41	3751139.83	TCLME	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	VC	7/10/2017	10/18/2023	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
PTX06-1185	647878.41	3751139.83	B	7/10/2017	10/18/2023	14	14	No	0.324725103	-85.00	1	Decreasing	4	4	No	1.586867127	-4.00	0.833	No Trend	14	14	No	0.324725103	-85.00	1	Decreasing	10	10	No	0.241840172	-43.00	1	Decreasing
PTX06-1185	647878.41	3751139.83	CR	7/10/2017	10/18/2023	14	11	No	0.658546517	0.00	0.478	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	11	No	0.658546517	0.00	0.478	Stable	10	10	No	0.614474128	23.00	0.977	Increasing
PTX06-1185	647878.41	3751139.83	CR-6	7/10/2017	10/18/2023	14	14	No	0.288516038	-59.00	1	Decreasing	4	4	No	1.583546298	-6.00	0.958	Decreasing	14	14	No	0.288516038	-59.00	1	Decreasing	10	10	No	0.182950798	-13.00	0.854	Stable
PTX06-1190	648281.31	3751439.52	RDX	1/24/2018	10/18/2023	13	13	No	0.456658666	41.00	0.994	Increasing	4	4	No	1.565849566	-2.00	0.625	No Trend	13	13	No	0.456658666	41.00	0.994	Increasing	9	9	No	0.535901761	33.00	1	Increasing
PTX06-1190	648281.31	3751439.52	HMX	1/24/2018	10/18/2023	12	8	No	1.123585337	63.00	1	Increasing	4	4	No	1.44835309	4.00	0.833	No Trend	12	8	No	1.123585337	63.00	1	Increasing	8	4	No	1.355482956	27.00	1	Increasing
PTX06-1190	648281.31	3751439.52	TNT	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT24	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT26	1/24/2018	10/18/2023	12	12	No	0.081755701	15.00	0.8275	No Trend	4	4	No	1.420082602	-4.00	0.833	No Trend	12	12	No	0.081755701	15.00	0.8275	No Trend	8	8	No	0.084435848	14.00	0.946	Probably Increasing
PTX06-1190	648281.31	3751439.52	DNT2A	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT4A	1/24/2018	10/18/2023	13	13	No	0.176517867	-30.00	0.962	Decreasing	4	4	No	1.568581194	-2.00	0.625	No Trend	13	13	No	0.176517867	-30.00	0.962	Decreasing	9	9	No	0.126148102	-18.00	0.962	Decreasing
PTX06-1190	648281.31	3751439.52	TNB135	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNB13	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	MNX	1/24/2018	10/18/2023	13	6	No	0.434130134	10.00	0.705	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	6	No	0.434130134	10.00	0.705	No Trend	9	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1190	648281.31	3751439.52	DNX	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	TNX	1/24/2018	10/18/2023	13	13	No	0.273967439	16.00	0.816	No Trend	4	4	No	1.537961492	-2.00	0.625	No Trend	13	13	No	0.273967439	16.00	0.816	No Trend	9	9	No	0.29931682	26.00	0.997	Increasing
PTX06-1190	648281.31	3751439.52	PCE	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	TCE	1/24/2018	10/18/2023	13	13	No	0.221113887	-58.00	1	Decreasing	4	4	No	1.509864682	-4.00	0.833	No Trend	13	13	No	0.221113887	-58.00	1	Decreasing	9	9	No	0.157146681	-18.00	0.962	Decreasing
PTX06-1190	648281.31	3751439.52	DCE12C	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DCE12T	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DCA12	1/24/2018	10/18/2023	13	5	No	0.125006703	38.00	0.989	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	13	5	No	0.125006703	38.00	0.989	Increasing	9	5	No	0.141547997	18.00	0.962	Increasing
PTX06-1190	648281.31	3751439.52	TCLME	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	VC	1/24/2018	10/18/2023	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	9	0	Yes	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	B	1/24/2018	10/18/2023	13	13	No	0.316673468	40.00	0.993	Increasing	4	4	No	1.507649369	-4.00	0.833	No Trend	13	13	No	0.316673468	40.00	0.993	Increasing	9	9	No	0.374104046	32.00	1	Increasing
PTX06-1190	648281.31	3751439.52	CR	1/24/2018	10/18/2023	13	13	No	0.090000215	-4.00	0.571	Stable	4	4	No	1.50132926	-6.00	0.958	Decreasing	13	13	No	0.090000215	-4.00	0.571	Stable	9	9	No	0.10460342	10.00	0.821	No Trend
PTX06-1190	648281.31	3751439.52	CR-6	1/24/2018	10/18/2023	13	13	No	0.114973544	48.00	0.999	Increasing	4	4	No	1.502145712	-6.00	0.958	Decreasing	13	13	No	0.114973544	48.00	0.999	Increasing	9	9	No	0.112624695	28.00	0.999	Increasing
PTX06-1192	649119.32	3749893.14	RDX	2/14/2018	7/19/2023	12	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	12	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	HMX	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TNT	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT24	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT26	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT2A	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT4A	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TNB135	2/14/2018	7/19/2023	12	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	12	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	DNB13	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	MNX	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNX	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TNX	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	PCE	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TCE	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DCE12C	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DCE12T	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DCA12	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TCLME	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	VC	2/14/2018	7/19/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	B	2/14/2018	7/19/2023	12	12	No	0.043547268	14.00	0.81	No Trend	4	4	No	1.416649035	0.00	0.375	No Trend	12	12	No	0.043547268	14.00	0.81	No Trend	8	8	No	0.036323779	2.00	0.548	No Trend
PTX06-1192	649119.32	3749893.14	CR	2/14/2018	7/19/2023	12	5	No	0.820856046	21.00	0.913	Probably Increasing	4	4	No	1.663886383	-6.00	0.958	Decreasing	12	5	No	0.820856046	21.00	0.913	Probably Increasing	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	CR-6	2/14/2018	7/19/2023	12	12	No	1.100001041	30.00	0.978	Increasing	4	4	No	1.741962158	-4.00	0.833	No Trend	12	12	No	1.100001041	30.00	0.978	Increasing	8	8	No	1.252794938	8.00	0.801	No Trend
PTX06-1195	649096.79	3751968.74	RDX	2/14/2018	10/18/2023	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1195	649096.79	3751968.74	HMX	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TNT	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT24	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT26	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT2A	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT4A	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TNB135	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNB13	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	MNX	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNX	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TNX	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	PCE	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TCE	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DCE12C	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DCE12T	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DCA12	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect

Perched Long Term Monitoring Well Trends

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
PTX06-1195	649096.79	3751968.74	TCLME	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	VC	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	B	2/14/2018	10/18/2023	10	10	No	0.073167942	-12.00	0.832	Stable	4	4	No	1.234276861	-6.00	0.958	Decreasing	10	10	No	0.073167942	-12.00	0.832	Stable	6	6	No	0.046980916	0.00	0.422666667	Stable
PTX06-1195	649096.79	3751968.74	CR	2/14/2018	10/18/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	CR-6	2/14/2018	10/18/2023	10	10	No	0.38712587	25.00	0.986	Increasing	4	4	No	1.226915483	4.00	0.833	No Trend	10	10	No	0.38712587	25.00	0.986	Increasing	6	6	No	0.476634938	5.00	0.765	No Trend
PTX06-1199	650525.52	3750905.45	RDX	8/20/2018	7/19/2023	11	11	No	0.192450228	7.00	0.676	No Trend	4	4	No	1.329758068	-6.00	0.958	Decreasing	11	11	No	0.192450228	7.00	0.676	No Trend	7	7	No	0.22991647	19.00	0.999	Increasing
PTX06-1199	650525.52	3750905.45	HMX	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	TNT	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT24	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT26	8/20/2018	7/19/2023	11	11	No	0.135735605	6.00	0.6475	No Trend	4	4	No	1.327249377	-3.00	0.729	No Trend	11	11	No	0.135735605	6.00	0.6475	No Trend	7	7	No	0.153887578	15.00	0.985	Increasing
PTX06-1199	650525.52	3750905.45	DNT2A	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT4A	8/20/2018	7/19/2023	11	11	No	0.211019938	4.00	0.5895	No Trend	4	4	No	1.379248006	-3.00	0.729	No Trend	11	11	No	0.211019938	4.00	0.5895	No Trend	7	7	No	0.185445021	15.00	0.985	Increasing
PTX06-1199	650525.52	3750905.45	TNB135	8/20/2018	7/19/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	DNB13	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	MNX	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNX	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	TNX	8/20/2018	7/19/2023	11	4	No	0.211496337	-4.00	0.5895	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	4	No	0.211496337	-4.00	0.5895	Stable	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	PCE	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	TCE	8/20/2018	7/19/2023	11	10	No	0.173545884	-16.00	0.875	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	10	No	0.173545884	-16.00	0.875	Stable	7	7	No	0.172702936	-1.00	0.5	Stable
PTX06-1199	650525.52	3750905.45	DCE12C	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DCE12T	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DCA12	8/20/2018	7/19/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	TCLME	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	VC	8/20/2018	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	B	8/20/2018	7/19/2023	11	11	No	0.09039416	-12.00	0.799	Stable	4	4	No	1.335667164	-2.00	0.625	No Trend	11	11	No	0.09039416	-12.00	0.799	Stable	7	7	No	0.070437432	0.00	0.437333333	Stable
PTX06-1199	650525.52	3750905.45	CR	8/20/2018	7/19/2023	11	4	No	0.480002036	2.00	0.53	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	4	No	0.480002036	2.00	0.53	No Trend	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	CR-6	8/20/2018	7/19/2023	11	11	No	1.205868101	33.00	0.995	Increasing	4	4	No	1.989743748	-2.00	0.625	No Trend	11	11	No	1.205868101	33.00	0.995	Increasing	7	7	No	0.669321398	13.00	0.965	Increasing
PTX06-1200	651557.90	3749356.32	RDX	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	HMX	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TNT	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT24	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT26	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT2A	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT4A	1/9/2019	7/24/2023	11	4	No	0.262610015	5.00	0.619	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	4	No	0.262610015	5.00	0.619	No Trend	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1200	651557.90	3749356.32	TNB135	1/9/2019	7/24/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1200	651557.90	3749356.32	DNB13	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	MNX	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNX	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TNX	1/9/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	PCE	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TCE	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DCE12C	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DCE12T	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DCA12	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TCLME	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	VC	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	B	2/20/2019	7/24/2023	10	10	No	0.07446721	-4.00	0.6025	Stable	4	4	No	1.23032265	4.00	0.833	No Trend	10	10	No	0.07446721	-4.00	0.6025	Stable	6	6	No	0.064022481	5.00	0.765	No Trend
PTX06-1200	651557.90	3749356.32	CR	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	CR-6	2/20/2019	7/24/2023	10	10	No	0.059846451	-13.00	0.854	Stable	4	4	No	1.225984507	-4.00	0.833	No Trend	10	10	No	0.059846451	-13.00	0.854	Stable	6	6	No	0.060100046	5.00	0.765	No Trend
PTX06-1201	650585.15	3749355.48	RDX	1/14/2019	7/31/2023	11	11	No	1.065161457	47.00	1	Increasing	4	4	No	1.452279411	2.00	0.625	No Trend	11	11	No	1.065161457	47.00	1	Increasing	7	7	No	0.772603403	17.00	0.995	Increasing
PTX06-1201	650585.15	3749355.48	HMX	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TNT	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT24	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT26	1/14/2019	7/31/2023	11	5	No	0.155703186	-37.00	0.998	Decreasing	4	4	No	1.326517255	4.00	0.833	No Trend	11	5	No	0.155703186	-37.00	0.998	Decreasing	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1201	650585.15	3749355.48	DNT2A	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT4A	1/14/2019	7/31/2023	11	11	No	0.504472737	43.00	1	Increasing	4	4	No	1.347586756	-2.00	0.625	No Trend	11	11	No	0.504472737	43.00	1	Increasing	7	7	No	0.460230079	17.00	0.995	Increasing
PTX06-1201	650585.15	3749355.48	TNB135	1/14/2019	7/31/2023	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1201	650585.15	3749355.48	DNB13	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	MNX	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNX	1/14/2019	7/31/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TNX	1/14/2019	7/31/2023	11	5	No	0.681653491	15.00	0.859	No Trend	4	4	No	1.458391521	2.00	0.625	No Trend	11	5	No	0.681653491	15.00	0.859	No Trend	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1201	650585.15	3749355.48	PCE	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TCE	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DCE12C	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DCE12T	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DCA12	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TCLME	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	VC	2/20/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	B	2/20/2019	7/31/2023	10	10	No	0.076387021	-21.00	0.964	Decreasing	4	4	No	1.227175444	-4.00	0.833	No Trend	10	10	No	0.076387021	-21.00	0.964	Decreasing	6	6	No	0.066877891	-1.00	0.5	Stable
PTX06-1201	650585.15	3749355.48	CR	2/20/2019	7/31/2023	10	8	No	0.196644423	-8.00	0.729	Stable	4	4	No	1.26238787	4.00	0.833	No Trend	10	8	No	0.196644423	-8.00	0.729	Stable	6	4	No	0.17138027	4.00	0.7025	No Trend
PTX06-1201	650585.15	3749355.48	CR-6	2/20/2019	7/31/2023	10	10	No	0.191743478	35.00	1	Increasing	4	4	No	1.241442621	6.00	0.958	Increasing	10	10	No	0.191743478	35.00	1	Increasing	6	6	No	0.143252838	5.00	0.765	No Trend
PTX06-1202	651358.99	3750361.84	RDX	1/15/2019	7/19/2023	11	10	No	0.273204423	33.00	0.995	Increasing	4	4	No	1.379330191	4.00	0.833	No Trend	11	10	No	0.273204423	33.00	0.995	Increasing	7	6	No	0.185080827	11.00	0.932	Probably Increasing
PTX06-1202	651358.99	3750361.84	HMX	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TNT	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT24	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT26	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT2A	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT4A	1/15/2019	7/19/2023	11	11	No	0.165410069	23.00	0.957	Increasing	4	4	No	1.349401236	-4.00	0.833	No Trend	11	11	No	0.165410069	23.00	0.957	Increasing	7	7	No	0.161267868	17.00	0.995	Increasing
PTX06-1202	651358.99	3750361.84	TNB135	1/15/2019	7/19/2023	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1202	651358.99	3750361.84	DNB13	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	MNX	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNX	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TNX	1/15/2019	7/19/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	PCE	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TCE	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DCE12C	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DCE12T	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DCA12	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TCLME	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	VC	2/21/2019	7/19/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	B	2/21/2019	7/19/2023	10	10	No	0.239381593	-9.00	0.758	Stable	4	4	No	1.226618705	-4.00	0.833	No Trend	10	10	No	0.239381593	-9.00	0.758	Stable	6	6	No	0.270574904	5.00	0.765	No Trend
PTX06-1202	651358.99	3750361.84	CR	2/21/2019	7/19/2023	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1202	651358.99	3750361.84	CR-6	2/21/2019	7/19/2023	10	10	No	0.643265137	15.00	0.892	No Trend	4	4	No	1.622161099	0.00	0.375	No Trend	10	10	No	0.643265137	15.00	0.892	No Trend	6	6	No	0.179091493	11.00	0.972	Increasing
PTX06-1203	650588.31	3749879.41	RDX	2/21/2019	7/31/2023	10	10	No	0.345531696	27.00	0.992	Increasing	4	4	No	1.268887643	-4.00	0.833	No Trend	10	10	No	0.345531696	27.00	0.992	Increasing	6	6	No	0.324755997	15.00	0.999	Increasing
PTX06-1203	650588.31	3749879.41	HMX	2/21/2019	7/31/2023	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	TNT	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT24	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT26	2/21/2019	7/31/2023	10	8	No	0.118557945	-23.00	0.977	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	8	No	0.118557945	-23.00	0.977	Decreasing	6	6	No	0.018474427	-4.00	0.7025	Stable
PTX06-1203	650588.31	3749879.41	DNT2A	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT4A	2/21/2019	7/31/2023	10	10	No	0.290461786	-12.00	0.832	Stable	4	4	No	1.415526834	-6.00	0.958	Decreasing	10	10	No	0.290461786	-12.00	0.832	Stable	6	6	No	0.078505262	6.00	0.8145	No Trend
PTX06-1203	650588.31	3749879.41	TNB135	2/21/2019	7/31/2023	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1203	650588.31	3749879.41	DNB13	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	MNX	2/21/2019	7/31/2023	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1203	650588.31	3749879.41	DNX	2/21/2019	7/31/2023	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	TNX	2/21/2019	7/31/2023	10	10	No	0.547391387	37.00	1	Increasing	4	4	No	1.280928759	4.00	0.833	No Trend	10	10	No	0.547391387	37.00	1	Increasing	6	6	No	0.268046695	9.00	0.932	Probably Increasing
PTX06-1203	650588.31	3749879.41	PCE	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	TCE	2/21/2019	7/31/2023	10	8	No	0.136150235	17.00	0.922	Probably Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	8	No	0.136150235	17.00	0.922	Probably Increasing	6	6	No	0.137057233	-3.00	0.64	Stable
PTX06-1203	650588.31	3749879.41	DCE12C	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DCE12T	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DCA12	2/21/2019	7/31/2023	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1203	650588.31	3749879.41	TCLME	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	VC	2/21/2019	7/31/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	B	2/21/2019	7/31/2023	10	10	No	0.266831001	31.00	0.998	Increasing	4	4	No	1.259528969	4.00	0.833	No Trend	10	10	No	0.266831001	31.00	0.998	Increasing	6	6	No	0.212660081	9.00	0.932	Probably Increasing
PTX06-1203	650588.31	3749879.41	CR	2/21/2019	7/31/2023	10	7	No	0.138446555	-8.00	0.729	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	7	No	0.138446555	-8.00	0.729	Stable	6	5	No	0.144466507	-7.00	0.864	Stable
PTX06-1203	650588.31	3749879.41	CR-6	2/21/2019	7/31/2023	10	10	No	0.276686441	-29.00	0.995	Decreasing	4	4	No	1.361576342	-6.00	0.958	Decreasing	10	10	No	0.276686441	-29.00	0.995	Decreasing	6	6	No	0.027296206	-3.00	0.64	Stable
PTX06-1204	650997.75	3749051.98	RDX	2/20/2019	7/24/2023	11	9	No	1.09637837	25.00	0.97	Increasing	4	4	No	1.853531902	-4.00	0.833	No Trend	11	9	No	1.09637837	25.00	0.97	Increasing	7	5	No	1.054998754	11.00	0.932	Probably Increasing
PTX06-1204	650997.75	3749051.98	HMX	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	TNT	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT24	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT26	2/20/2019	7/24/2023	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1204	650997.75	3749051.98	DNT2A	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT4A	2/20/2019	7/24/2023	11	9	No	0.71901908	11.00	0.777	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.71901908	11.00	0.777	No Trend	7	7	No	0.627328605	19.00	0.999	Increasing
PTX06-1204	650997.75	3749051.98	TNB135	2/20/2019	7/24/2023	11	4	No	0.135790744	6.00	0.6475	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	11	4	No	0.135790744	6.00	0.6475	No Trend	7	4	No	0.162294355	-7.00	0.809	Stable
PTX06-1204	650997.75	3749051.98	DNB13	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	MNX	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNX	2/20/2019	7/24/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	TNX	2/20/2019	7/24/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	PCE	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	TCE	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect

Perched Long Term Monitoring Well Trends

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
PTX06-1204	650997.75	3749051.98	DCE12C	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DCE12T	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DCA12	2/20/2019	7/24/2023	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1204	650997.75	3749051.98	TCLME	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	VC	2/20/2019	7/24/2023	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	6	0	Yes	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	B	2/20/2019	7/24/2023	10	10	No	0.249721312	5.00	0.636	No Trend	4	4	No	1.300867925	4.00	0.833	No Trend	10	10	No	0.249721312	5.00	0.636	No Trend	6	6	No	0.074579068	-3.00	0.64	Stable
PTX06-1204	650997.75	3749051.98	CR	2/20/2019	7/24/2023	10	7	No	0.195830556	2.00	0.5345	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	7	No	0.195830556	2.00	0.5345	No Trend	6	6	No	0.209403582	-13.00	0.992	Decreasing
PTX06-1204	650997.75	3749051.98	CR-6	2/20/2019	7/24/2023	10	8	No	0.581498382	-14.00	0.873	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	8	No	0.581498382	-14.00	0.873	Stable	6	6	No	0.16107214	7.00	0.864	No Trend
PTX06-1207	632958.06	3754044.99	RDX	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	HMX	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TNT	8/17/2020	11/14/2023	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT24	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT26	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT2A	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT4A	8/17/2020	11/14/2023	7	7	No	0.164166902	-9.00	0.881	Stable	4	4	No	0.871794567	0.00	0.375	Stable	7	7	No	0.164166902	-9.00	0.881	Stable	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TNB135	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNB13	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	MNX	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNX	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TNX	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DIOXANE14	4/26/2021	11/14/2023	6	6	No	0.355340294	-13.00	0.992	Decreasing	4	4	No	0.806852503	-6.00	0.958	Decreasing	6	6	No	0.355340294	-13.00	0.992	Decreasing	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	PCE	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TCE	8/17/2020	11/14/2023	7	7	No	0.352233155	11.00	0.932	Probably Increasing	4	4	No	0.894811848	0.00	0.375	Stable	7	7	No	0.352233155	11.00	0.932	Probably Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DCE12C	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DCE12T	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DCA12	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TCLME	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	VC	8/17/2020	11/14/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	PERC	8/17/2020	11/14/2023	7	7	No	0.423776222	17.00	0.995	Increasing	4	4	No	0.877737635	2.00	0.625	No Trend	7	7	No	0.423776222	17.00	0.995	Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	B	8/17/2020	11/14/2023	7	7	No	0.094801743	11.00	0.932	Probably Increasing	4	4	No	0.875402918	2.00	0.625	No Trend	7	7	No	0.094801743	11.00	0.932	Probably Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	AS	4/26/2021	11/14/2023	6	6	No	0.206921059	5.00	0.765	No Trend	4	4	No	0.737964496	4.00	0.833	No Trend	6	6	No	0.206921059	5.00	0.765	No Trend	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	BA	8/17/2020	11/14/2023	7	7	No	0.288808664	3.00	0.614	No Trend	4	4	No	0.867048834	-2.00	0.625	Stable	7	7	No	0.288808664	3.00	0.614	No Trend	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	MN	8/17/2020	11/14/2023	7	7	No	1.239383593	-7.00	0.809	No Trend	4	4	No	0.914202639	4.00	0.833	No Trend	7	7	No	1.239383593	-7.00	0.809	No Trend	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	RDX	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	HMX	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TNT	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT24	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT26	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT2A	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT4A	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TNB135	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNB13	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	MNX	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNX	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TNX	4/27/2020	7/24/2023	7	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	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	PCE	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TCE	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DCE12C	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DCE12T	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DCA12	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TCLME	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	VC	3/2/2021	7/24/2023	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	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	B	3/2/2021	7/24/2023	6	6	No	0.089775154	1.00	0.5	No Trend	4	4	No	0.715721489	0.00	0.375	Stable	6	6	No	0.089775154	1.00	0.5	No Trend	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	CR	3/2/2021	7/24/2023	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	CR-6	3/2/2021	7/24/2023	6	6	No	1.841987289	-11.00	0.972	Decreasing	4	4	No	1.036325104	-4.00	0.833	No Trend	6	6	No	1.841987289	-11.00	0.972	Decreasing	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	RDX	10/20/2021	11/1/2023	5	5	No	0.59681775	8.00	0.958	Increasing	4	4	No	0.641322857	4.00	0.833	No Trend	5	5	No	0.59681775	8.00	0.958	Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	HMX	10/20/2021	11/1/2023	5	5	No	1.031731018	4.00	0.758	No Trend	4	4	No	1.220390015	4.00	0.833	No Trend	5	5	No	1.031731018	4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	TNT	10/20/2021	11/1/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT24	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT26	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT2A	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT4A	10/20/2021	11/1/2023	5	5	No	0.691503622	6.00	0.883	No Trend	4	4	No	0.771103589	2.00	0.625	No Trend	5	5	No	0.691503622	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	TNB135	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNB13	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	MNX	10/20/2021	11/1/2023	5	5	No	0.655804082	6.00	0.883	No Trend	4	4	No	0.737744568	2.00	0.625	No Trend	5	5	No	0.655804082	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNX	10/20/2021	11/1/2023	5	5	No	0.625930215	6.00	0.883	No Trend	4	4	No	0.691770267	2.00	0.625	No Trend	5	5	No	0.625930215	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	TNX	10/20/2021	11/1/2023	5	5	No	0.50546015	8.00	0.958	Increasing	4	4	No	0.584996417	4.00	0.833	No Trend	5	5	No	0.50546015	8.00	0.958	Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DIOXANE14	10/20/2021	11/1/2023	5	5	No	0.483140879	-6.00	0.883	Stable	4	4	No	0.716428378	-2.00	0.625	Stable	5	5	No	0.483140879	-6.00	0.883	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	PCE	10/20/2021	11/1/2023	5	5	No	0.436795814	-2.00	0.592	Stable	4	4	No	0.726377742	0.00	0.375	Stable	5	5	No	0.436795814	-2.00	0.592	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	TCE	10/20/2021	11/1/2023	5	5	No	0.469635156	-2.00	0.592	Stable	4	4	No	0.784031502	0.00	0.375	Stable	5	5	No	0.469635156	-2.00	0.592	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DCE12C	10/20/2021	11/1/2023	5	5	No	0.434527023	-4.00	0.758	Stable	4	4	No	0.72030885	-2.00	0.625	Stable	5	5	No	0.434527023	-4.00	0.758	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DCE12T	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DCA12	10/20/2021	11/1/2023	5	5	No	0.434440193	-6.00	0.883	Stable	4	4	No	0.680833566	-2.00	0.625	Stable	5	5	No	0.434440193	-6.00	0.883	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	TCLME	10/20/2021	11/1/2023	5	5	No	0.49461418	-4.00	0.758	Stable	4	4	No	0.731743365	0.00	0.375	Stable	5	5	No	0.49461418	-4.00	0.758	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	VC	10/20/2021	11/1/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	PERC	10/20/2021	11/1/2023	5	5	No	0.691649206	4.00	0.758	No Trend	4	4	No	0.837710899	2.00	0.625	No Trend	5	5	No	0.691649206	4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	B	4/25/2022	11/1/2023	4	4	No	0.099208354	0.00	0.375	Stable	4	4	No	0.099208354	0.00	0.375	Stable	4	4	No	0.099208354	0.00	0.375	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	CR	10/20/2021	11/1/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	CR-6	4/25/2022	11/1/2023	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	RDX	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	HMX	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	TNT	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNT24	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNT26	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNT2A	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNT4A	12/14/2022	6/26/2023	2	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	TNB135	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNB13	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	MNX	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DNX	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	TNX	12/14/2022	6/26/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	PCE	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	TCE	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DCE12C	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DCE12T	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	DCA12	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	TCLME	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	VC	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	B	6/26/2023	6/26/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	CR	6/26/2023	6/26/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1216	649743.32	3749537.50	CR-6	6/26/2023	10/31/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	RDX	12/14/1995	11/7/2023	30	21	No	1.868485635	-225.00	1	Decreasing	4	4	No	3.244312564	-2.00	0.625	No Trend	15	15	No	0.585013333	-52.00	0.995	Decreasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	HMX	12/14/1995	11/7/2023	29	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	TNT	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNT24	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNT26	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNT2A	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNT4A	12/14/1995	11/7/2023	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	TNB135	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNB13	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	MNX	9/9/2009	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DNX	9/9/2009	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	TNX	9/9/2009	11/7/2023	14	8	No	0.688798175	-23.00	0.883	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	8	No	0.688798175	-23.00	0.883	Stable	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	PCE	12/14/1995	11/7/2023	30	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	TCE	12/14/1995	11/7/2023	32	31	No	0.523029654	30.00	0.68	No Trend	4	4	No	2.680856136	-2.00	0.625	No Trend	16	16	No	0.280452441	35.00	0.936	Probably Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DCE12C	12/14/1995	11/7/2023	27	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DCE12T	10/24/1996	11/7/2023	24	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	DCA12	12/14/1995	11/7/2023	31	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	TCLME	12/14/1995	11/7/2023	30	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	VC	12/14/1995	11/7/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O02	639106.56	3768117.46	B	12/14/1995	11/7/2023	30	28	No	0.242898061	82.00	0.9255	Probably Increasing	4	4	No	2.55318363	-4.00	0.833	No Trend	16	16	No	0.063211278	-38.00	0.952	Decreasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O03	639046.64	3767462.56	RDX	12/6/1995	7/31/2023	31	31	No	0.455904195	-152.00	0.9955	Decreasing	4	4	No	2.654975761	-6.00	0.958	Decreasing	15	15	No	0.251386747	7.00	0.615	No Trend	5	5	No	0.121328598	-4.00	0.758	Stable
PTX07-1O03	639046.64	3767462.56	HMX	12/6/1995	7/31/2023	31	27	No	0.569864223	84.00	0.9205	Probably Increasing	4	4	No	2.685088331	2.00	0.625	No Trend	15	15	No	0.447387598	43.00	0.982	Increasing	5	5	No	0.408837432	-6.00	0.883	Stable
PTX07-1O03	639046.64	3767462.56	TNT	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT24	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT26	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT2A	12/6/1995	7/31/2023	30	19	No	0.367686101	170.00	0.999	Increasing	4	4	No	2.577975749	0.00	0.375	No Trend	15	15	No	0.189790009	-23.00	0.859	Stable	5	5	No	0.195422618	3.00	0.675	No Trend
PTX07-1O03	639046.64	3767462.56	DNT4A	12/6/1995	7/31/2023	30	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TNB135	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect

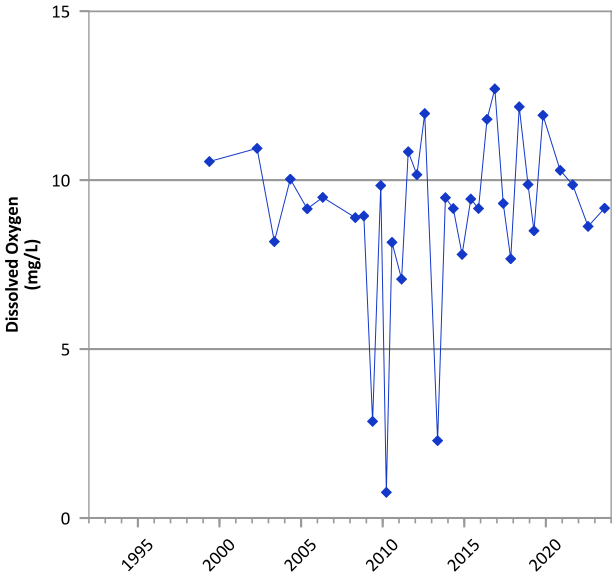
Perched Long Term Monitoring Well Trends

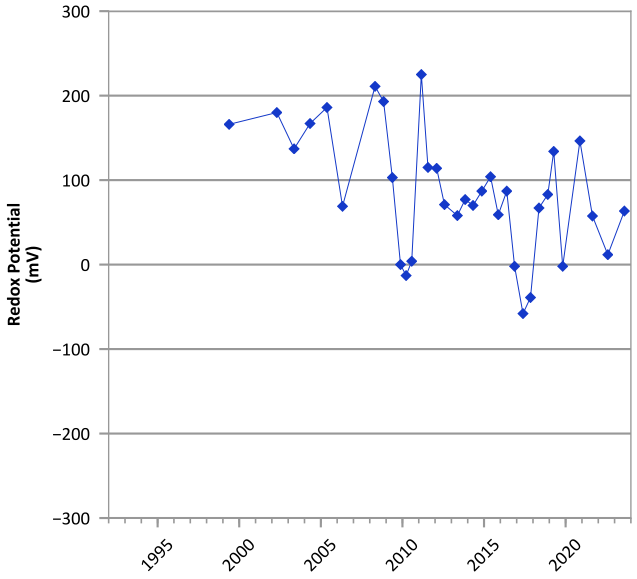
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX07-1O03	639046.64	3767462.56	DNB13	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	MNX	9/1/2009	7/31/2023	15	10	No	0.261639073	-20.00	0.823	Stable	4	0	Yes	0	0.00	0	All Non-Detect	15	10	No	0.261639073	-20.00	0.823	Stable	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	DNX	9/1/2009	7/31/2023	15	15	No	0.774227808	3.00	0.539	No Trend	4	4	No	1.668978281	-2.00	0.625	No Trend	15	15	No	0.774227808	3.00	0.539	No Trend	5	5	No	0.823723447	-6.00	0.883	Stable
PTX07-1O03	639046.64	3767462.56	TNX	9/1/2009	7/31/2023	15	15	No	0.387863306	7.00	0.615	No Trend	4	4	No	1.682273101	-2.00	0.625	No Trend	15	15	No	0.387863306	7.00	0.615	No Trend	5	5	No	0.420023675	-6.00	0.883	Stable
PTX07-1O03	639046.64	3767462.56	PCE	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TCE	12/6/1995	7/31/2023	28	9	No	0.854348925	-78.00	0.935	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	9	No	0.307709886	-10.00	0.669	Stable	5	5	No	0.385816472	-10.00	0.992	Decreasing
PTX07-1O03	639046.64	3767462.56	DCE12C	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DCE12T	5/8/2002	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DCA12	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TCLME	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	VC	12/6/1995	7/31/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	B	12/6/1995	7/31/2023	28	28	No	0.184366467	-214.00	1	Decreasing	4	4	No	2.453489176	-4.00	0.833	No Trend	15	15	No	0.135970145	-31.00	0.93	Probably Decreasing	5	5	No	0.047603606	-4.00	0.758	Stable
PTX07-1P02	637817.70	3763019.08	RDX	12/13/1995	11/6/2023	41	36	No	1.433366565	31.00	0.631925773	No Trend	4	4	No	3.613706959	2.00	0.625	No Trend	26	23	No	1.444244504	218.00	1	Increasing	9	9	No	0.621210363	32.00	1	Increasing
PTX07-1P02	637817.70	3763019.08	HMX	12/13/1995	11/6/2023	41	24	No	1.374040301	-85.00	0.827282996	No Trend	4	4	No	3.483805226	6.00	0.958	Increasing	26	21	No	1.218585872	228.00	1	Increasing	9	9	No	0.54161553	28.00	0.999	Increasing
PTX07-1P02	637817.70	3763019.08	TNT	12/13/1995	11/6/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT24	12/13/1995	11/6/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	26	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT26	12/13/1995	11/6/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	26	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT2A	12/13/1995	11/6/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	26	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT4A	12/13/1995	11/6/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	26	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TNB135	12/13/1995	11/6/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNB13	12/13/1995	11/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	MNX	12/15/2009	11/6/2023	26	15	No	0.726255558	61.00	0.906	Probably Increasing	4	4	No	2.686363582	2.00	0.625	No Trend	26	15	No	0.726255558	61.00	0.906	Probably Increasing	9	8	No	0.59834132	26.00	0.997	Increasing
PTX07-1P02	637817.70	3763019.08	DNX	12/15/2009	11/6/2023	26	17	No	0.92098537	151.00	1	Increasing	4	4	No	2.614209133	2.00	0.625	No Trend	26	17	No	0.92098537	151.00	1	Increasing	9	9	No	0.584272287	28.00	0.999	Increasing
PTX07-1P02	637817.70	3763019.08	TNX	12/15/2009	11/6/2023	26	22	No	0.734658458	179.00	1	Increasing	4	4	No	2.416098994	0.00	0.375	No Trend	26	22	No	0.734658458	179.00	1	Increasing	9	9	No	0.471347736	32.00	1	Increasing
PTX07-1P02	637817.70	3763019.08	DIOXANE14	4/27/2006	11/6/2023	27	22	No	0.709960971	-233.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	22	No	0.611697898	-184.00	1	Decreasing	8	7	No	0.341355204	-22.00	0.998	Decreasing
PTX07-1P02	637817.70	3763019.08	PCE	12/13/1995	11/6/2023	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TCE	12/13/1995	11/6/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DCE12C	12/13/1995	11/6/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DCE12T	10/28/1996	11/6/2023	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DCA12	12/13/1995	11/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TCLME	12/13/1995	11/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	VC	12/13/1995	11/6/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	PERC	1/23/2001	11/6/2023	32	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	B	12/13/1995	11/6/2023	39	39	No	0.358954284	391.00	1	Increasing	4	4	No	2.964294147	0.00	0.375	No Trend	25	25	No	0.337765953	176.00	1	Increasing	8	8	No	0.186494281	26.00	1	Increasing
PTX08-1001	638941.45	3762976.26	RDX	12/11/1995	5/8/2023	28	20	No	2.337288405	134.00	0.996	Increasing	4	4	No	2.721096824	-4.00	0.833	No Trend	14	14	No	1.545277814	-17.00	0.806	No Trend	5	5	No	1.2998709	-4.00	0.758	No Trend
PTX08-1001	638941.45	3762976.26	HMX	12/11/1995	5/8/2023	28	15	No	1.121326912	-36.00	0.754	No Trend	4	4	No	2.669085385	-4.00	0.833	No Trend	14	14	No	1.368093671	3.00	0.543	No Trend	5	5	No	1.182100056	-2.00	0.592	No Trend
PTX08-1001	638941.45	3762976.26	TNT	12/11/1995	5/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT24	12/11/1995	5/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT26	12/11/1995	5/8/2023	27	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT2A	12/11/1995	5/8/2023	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT4A	12/11/1995	5/8/2023	28	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	TNB135	12/11/1995	5/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNB13	12/11/1995	5/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	MNX	9/1/2009	5/8/2023	14	13	No	1.046245092	-25.00	0.904	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	13	No	1.046245092	-25.00	0.904	Probably Decreasing	5	5	No	0.998165975	-6.00	0.883	Stable
PTX08-1001	638941.45	3762976.26	DNX	9/1/2009	5/8/2023	14	13	No	1.01104384	-19.00	0.835	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	13	No	1.01104384	-19.00	0.835	No Trend	5	5	No	0.893314452	-4.00	0.758	Stable
PTX08-1001	638941.45	3762976.26	TNX	9/1/2009	5/8/2023	14	14	No	1.355484754	-39.00	0.982	Decreasing	4	4	No	1.904268743	-6.00	0.958	Decreasing	14	14	No	1.355484754	-39.00	0.982	Decreasing	5	5	No	1.118463545	-6.00	0.883	No Trend
PTX08-1001	638941.45	3762976.26	DIOXANE14	4/27/2006	5/8/2023	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	PCE	12/11/1995	5/8/2023	27	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	TCE	12/11/1995	5/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DCE12C	12/11/1995	5/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DCE12T	5/8/2002	5/8/2023	21	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DCA12	12/11/1995	5/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	TCLME	12/11/1995	5/8/2023	26	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	VC	12/11/1995	5/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	PERC	4/19/2001	5/8/2023	22	14	No	0.975987272	-171.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	14	6	No	0.918989137	-65.00	1	Decreasing	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	B	12/11/1995	5/8/2023	30	30	No	0.735348117	214.00	1	Increasing	4	4	No	2.605425414	6.00	0.958	Increasing	14	14	No	0.37672986	37.00	0.976	Increasing	5	5	No	0.224632685	-2.00	0.592	Stable
PTX08-1002	640859.00	3763003.22	RDX	12/14/1995	11/6/2023	42	41	No	0.970679012	-324.00	0.999767787	Decreasing	4	4	No	4.681631858	0.00	0.375	No Trend	22	22	No	0.908702162	-99.00	0.998	Decreasing	8	8	No	1.641123683	2.00	0.548	No Trend
PTX08-1002	640859.00	3763003.22	HMX	12/14/1995	11/6/2023	42	41	No	1.223229815	-487.00	0.999999931	Decreasing	4	4	No	3.905179718	-2.00	0.625	No Trend	22	22	No	0.653366831	-68.00	0.971	Decreasing	8	8	No	0.596470923	-6.00	0.726	Stable
PTX08-1002	640859.00	3763003.22	TNT	12/14/1995	11/6/2023	42	38	No	0.874374595	-249.00	0.996402404	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	21	No	1.059276098	-23.00	0.73	No Trend	8	7	No	0.608801735	-16.00	0.969	Decreasing
PTX08-1002	640859.00	3763003.22	DNT24	12/14/1995	11/6/2023	41	36	No	1.386854556	-504.00	0.999999992	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	20	No	0.531089323	-39.00	0.856	Stable	8	7	No	0.459489672	-14.00	0.946	Probably Decreasing
PTX08-1002	640859.00	3763003.22	DNT26	12/14/1995	11/6/2023	40	4	No	3.182967285	-409.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	DNT2A	12/14/1995	11/6/2023	40	34	No	1.113507674	-266.00	0.999	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	21	No	0.830498125	-115.00	1	Decreasing	8	7	No	1.089242081	-8.00	0.801	No Trend
PTX08-1002	640859.00	3763003.22	DNT4A	12/14/1995	11/6/2023	40	28	No	1.177976365	79.00	0.817	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	21	No	0.930760026	-119.00	1	Decreasing	8	7	No	0.670269823	-12.00	0.911	Probably Decreasing
PTX08-1002	640859.00	3763003.22	TNB135	12/14/1995	11/6/2023	42	38	No	1.028479926	-142.00	0.936752656	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	21	No	0.831822192	3.00	0.522	No Trend	8	7	No	0.475965536	-14.00	0.946	Probably Decreasing
PTX08-1002	640859.00	3763003.22	DNB13	12/14/1995	11/6/2023	40	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	MNX	12/1/2009	11/6/2023	22	22	No	0.976216751	-143.00	1	Decreasing	4	4	No	2.208075866	-4.00	0.833	No Trend	22	22	No	0.976216751	-143.00	1	Decreasing	8	8	No	0.496343071	8.00	0.801	No Trend
PTX08-1002	640859.00	3763003.22	DNX	12/1/2009	11/6/2023	22	22	No	0.687423355	-93.00	0.996	Decreasing	4	4	No	2.181487812	-2.00	0.625	No Trend	22	22	No	0.687423355	-93.00	0.996	Decreasing	8	8	No	0.461574163	12.00	0.911	Probably Increasing
PTX08-1002	640859.00	3763003.22	TNX	12/1/2009	11/6/2023	22	22	No	0.848135716	-136.00	1	Decreasing	4	4	No	2.690043235	-1.00	0.5	No Trend	22	22	No	0.848135716	-136.00	1	Decreasing	8	8	No	0.925298245	2.00	0.548	No Trend
PTX08-1002	640859.00	3763003.22	PCE	12/14/1995	11/6/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	TCE	12/14/1995	11/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DCE12C	12/14/1995	11/6/2023	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DCE12T	5/14/2002	11/6/2023	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DCA12	12/14/1995	11/6/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	TCLME	12/14/1995	11/6/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	VC	12/14/1995	11/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	B	12/14/1995	11/6/2023	40	40	No	0.344223646	-534.00	1	Decreasing	4	4	No	3.021309369	2.00	0.625	No Trend	22	22	No	0.255679805	-119.00	1	Decreasing	8	8	No	0.256686264	6.00	0.726	No Trend
PTX08-1002	640859.00	3763003.22	CR	12/14/1995	11/6/2023	43	23	No	1.781608656	-113.00	0.879426984	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	22	5	No	2.9962314	-21.00	0.711	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	CR-6	3/5/1996	11/6/2023	42	11	No	0.679873141	-176.00	0.971055869	Decreasing	4	4	No	3.174075775	-4.00	0.833	No Trend	22	9	No	0.839734788	-143.00	1	Decreasing	8	7	No	2.273222383	-2.00	0.548	No Trend
PTX08-1003	635385.36	3760136.56	RDX	11/29/1995	3/1/2023	30	16	No	0.431432973	37.00	0.738	No Trend	4	4	No	2.777069644	4.00	0.833	No Trend	16	16	No	0.379841996	57.00	0.995	Increasing	5	5	No	0.223899522	-6.00	0.883	Stable
PTX08-1003	635385.36	3760136.56	HMX	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TNT	11/29/1995	3/1/2023	29	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT24	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT26	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT2A	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT4A	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TNB135	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNB13	11/29/1995	3/1/2023	29	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	MNX	9/14/2009	3/1/2023	16	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNX	9/14/2009	3/1/2023	16	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TNX	9/14/2009	3/1/2023	16	16	No	0.153526524	23.00	0.836	No Trend	4	4	No	1.774980095	2.00	0.625	No Trend	16	16	No	0.153526524	23.00	0.836	No Trend	5	5	No	0.148714628	-8.00	0.958	Decreasing
PTX08-1003	635385.36	3760136.56	DIOXANE14	11/11/2002	3/1/2023	20	10	No	0.784057758	14.00	0.661	No Trend	4	4	No	2.097347103	6.00	0.958	Increasing	16	10	No	0.623754013	77.00	1	Increasing	5	5	No	0.120202325	6.00	0.883	No Trend
PTX08-1003	635385.36	3760136.56	PCE	11/29/1995	3/1/2023	28	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TCE	11/29/1995	3/1/2023	30	12	No	0.84331324	-21.00	0.638	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	12	No	0.808025274	-62.00	0.998	Decreasing	5	4	No	0.231730403	-6.00	0.883	Stable
PTX08-1003	635385.36	3760136.56	DCE12C	11/29/1995	3/1/2023	26	6	No	0.227192742	8.00	0.5605	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	16	6	No	0.268266928	-32.00	0.917	Probably Decreasing	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DCE12T	11/11/2002	3/1/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DCA12	11/29/1995	3/1/2023	29	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TCLME	11/29/1995	3/1/2023	27	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	VC	11/29/1995	3/1/2023	30	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	PERC	10/19/2000	3/1/2023	25	25	No	0.555886801	-220.00	1	Decreasing	4	4	No	2.295955696	0.00	0.375	No Trend	16	16	No	0.215031606	-46.00	0.979	Decreasing	5	5	No	0.064548911	-2.00	0.592	Stable
PTX08-1003	635385.36	3760136.56	B	11/29/1995	3/1/2023	30	29	No	0.186185598	275.00	1	Increasing	4	4	No	2.562150864	-2.00	0.625	No Trend	16	16	No	0.137454023	72.00	1	Increasing	5	5	No	0.095945237	10.00	0.992	Increasing
PTX08-1005	635316.66	3756346.19	RDX	11/29/1995	3/6/2023	42	34	No	2.05523869	-443.00	0.999999167	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	18	No	1.507548944	-107.00	0.9935	Decreasing	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	HMX	11/29/1995	3/6/2023	42	35	No	2.437804501	-580.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	20	No	1.898124878	-133.00	0.999	Decreasing	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	TNT	11/29/1995	3/6/2023	42	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT24	11/29/1995	3/6/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT26	11/29/1995	3/6/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT2A	11/29/1995	3/6/2023	42	11	No	0.947218019	-495.00	0.999999957	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT4A	11/29/1995	3/6/2023	42	31	No	0.846614881	-292.00	0.999193872	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	14	No	1.043113439	-121.00	0.998	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TNB135	11/29/1995	3/6/2023	42	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNB13	11/29/1995	3/6/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	MNX	4/1/2009	3/6/2023	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNX	4/1/2009	3/6/2023	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TNX	4/1/2009	3/6/2023	26	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DIOXANE14	11/6/2003	3/6/2023	32	22	No	1.37919924	-155.00	0.994	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	1.510484695	-136.00	0.999	Decreasing	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	PCE	11/29/1995	3/6/2023	43	24	No	0.70605893	-306.00	0.999293429	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	14	No	0.910852078	-101.00	0.9905	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TCE	11/29/1995	3/6/2023	45	45	No	0.616206023	-227.00	0.986475303	Decreasing	4	4	No	4.77817745	4.00	0.833	No Trend	25	25	No	0.752134657	-154.00	1	Decreasing	8	8	No	0.44499233	-20.00	0.993	Decreasing
PTX08-1005	635316.66	3756346.19	DCE12C	11/29/1995	3/6/2023	40	32	No	0.767883371	-196.00	0.989	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	22	No	0.891613046	-174.00	1	Decreasing	8	5	No	0.178490219	7.00	0.7635	No Trend
PTX08-1005	635316.66	3756346.19	DCE12T	10/24/1996	3/6/2023	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DCA12	11/29/1995	3/6/2023	44	30	No	0.900570232	-469.00	0.999998896	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	0.945884492	-164.00	1	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TCLME	11/29/1995	3/6/2023	43	37	No	0.936599531	-157.00	0.948724014	Probably Decreasing	4	4	No	3.311253049	2.00	0.625	No Trend	25	25	No	0.91724376	-159.00	1	Decreasing	8	8	No	0.1760041	-8.00	0.801	Stable
PTX08-1005	635316.66	3756346.19	VC	11/29/1995	3/6/2023	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	PERC	4/25/2000	3/6/2023	36	28	No	1.921766387	-410.00	1	Decreasing	4	4	No	3.556987044	6.00	0.958	Increasing	25	17	No	0.963716355	-152.00	1	Decreasing	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	B	11/29/1995	3/6/2023	39	39	No	0.167743361	472.00	1	Increasing	4	4	No	2.962960769	0.00	0.375	No Trend	25	25	No	0.13245566	190.00	1	Increasing	8	8	No	0.081115431	19.00	0.9885	Increasing
PTX08-1005	635316.66	3756346.19	CR	11/29/1995	3/6/2023	34	32	No	0.770631344	-53.00	0.778	Stable	4	4	No	2.765420218	4.00	0.833	No Trend	17	16	No	0.965501402	-10.00	0.642	Stable	8	7	No	0.179174896	14.00	0.946	Probably Increasing
PTX08-1005	635316.66	3756346.19	CR-6	3/5/1996	3/6/2023	29	22	No	1.502941459	-67.00	0.8915	No Trend	4	4	No	2.523396762	6.00	0.958	Increasing	17	17	No	1.725464404	2.00	0.516	No Trend	8	8	No	0.130978733	14.00	0.946	Probably Increasing
PTX08-1006	636400.41	3756761.86	RDX	11/28/1995	9/25/2023	48	45	No	1.129613102	79.00	0.755929042	No Trend	4	4	No	3.437758323	2.00	0.625	No Trend	29	29	No	0.961372622	-322.00	1	Decreasing	10	10	No	0.531366754	-35.00	1	Decreasing
PTX08-1006	636400.41	3756761.86	HMX	11/28/1995	9/25/2023	48	36	No	1.071557328	341.00	0.998744172	Increasing	4	4	No	3.683151957	6.00	0.958	Increasing	29	29	No	0.805687606	-20.00	0.638	Stable	10	10	No	0.441393754	-11.00	0.81	Stable
PTX08-1006	636400.41	3756761.86	TNT	11/28/1995	9/25/2023	47	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DNT24	11/28/1995	9/25/2023	49	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DNT26	11/28/1995	9/25/2023	48	7	No	0.403408227	-478.00	0.999988804	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	5	No	0.143989971	-47.00	0.804	Stable	10	0	Yes	0	0.00	0	All Non-Detect

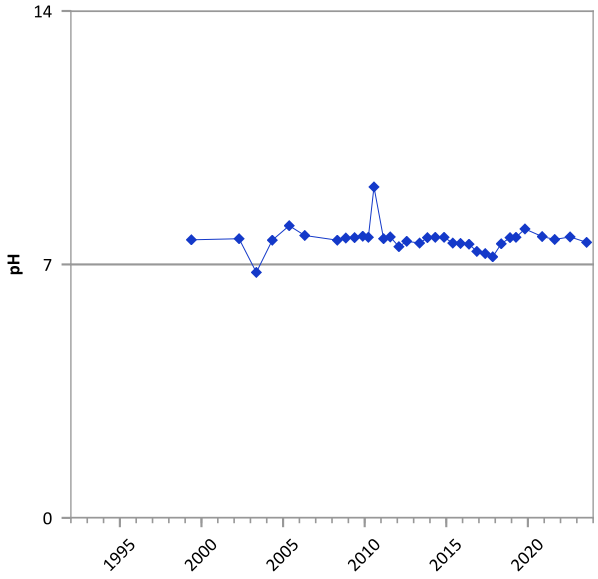
Perched Long Term Monitoring Well Trends

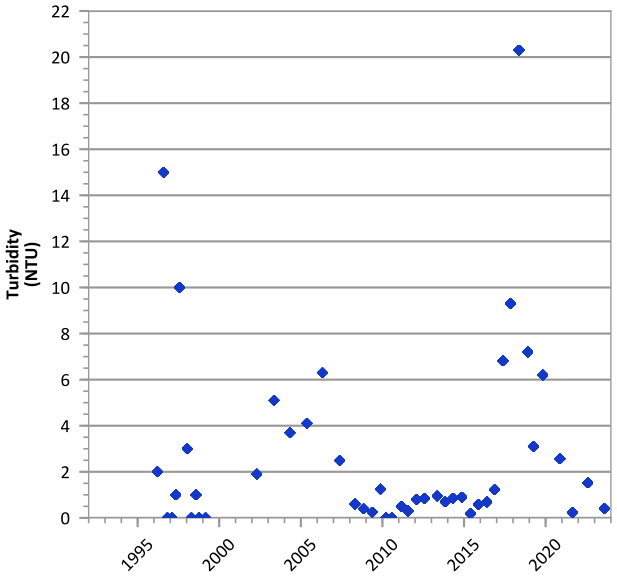
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX08-1006	636400.41	3756761.86	DNT2A	11/28/1995	9/25/2023	48	28	No	2.916676085	506.00	0.999996413	Increasing	4	4	No	3.331971215	4.00	0.833	No Trend	29	27	No	0.885763063	271.00	1	Increasing	10	10	No	0.422361397	35.00	1	Increasing
PTX08-1006	636400.41	3756761.86	DNT4A	11/28/1995	9/25/2023	48	46	No	0.842483296	-613.00	0.999999973	Decreasing	4	4	No	3.357314298	4.00	0.833	No Trend	29	29	No	1.124098602	-263.00	1	Decreasing	10	10	No	0.608316102	-33.00	0.999	Decreasing
PTX08-1006	636400.41	3756761.86	TNB135	11/28/1995	9/25/2023	48	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	DNB13	11/28/1995	9/25/2023	47	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	MNX	4/1/2009	9/25/2023	30	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DNX	4/1/2009	9/25/2023	30	12	No	0.385957251	-212.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	29	12	No	0.388287539	-191.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	TNX	4/1/2009	9/25/2023	30	30	No	1.103782257	-373.00	1	Decreasing	4	4	No	2.604388913	4.00	0.833	No Trend	29	29	No	1.140494206	-360.00	1	Decreasing	10	10	No	0.678513695	-41.00	1	Decreasing
PTX08-1006	636400.41	3756761.86	DIOXANE14	11/11/2002	9/25/2023	38	37	No	0.952882475	-517.00	1	Decreasing	4	4	No	3.049219635	-2.00	0.625	No Trend	29	28	No	1.223137287	-340.00	1	Decreasing	10	9	No	0.69240977	-29.00	0.995	Decreasing
PTX08-1006	636400.41	3756761.86	PCE	11/28/1995	9/25/2023	50	40	No	1.085616486	-211.00	0.96050871	Decreasing	4	4	No	3.541192218	-4.00	0.833	No Trend	29	27	No	1.200322834	-287.00	1	Decreasing	10	8	No	0.316710971	-22.00	0.9705	Decreasing
PTX08-1006	636400.41	3756761.86	TCE	11/28/1995	9/25/2023	51	50	No	0.910285787	804.00	1	Increasing	4	4	No	3.457393638	-2.00	0.625	No Trend	29	29	No	0.580191465	242.00	1	Increasing	10	10	No	0.544472723	-1.00	0.5	Stable
PTX08-1006	636400.41	3756761.86	DCE12C	11/28/1995	9/25/2023	46	35	No	0.638191392	-361.00	0.999673436	Decreasing	4	4	No	3.384837363	6.00	0.958	Increasing	29	22	No	0.618624145	-135.00	0.9945	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	DCE12T	10/24/1996	9/25/2023	43	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DCA12	11/28/1995	9/25/2023	49	49	No	0.784839765	-691.00	0.999999999	Decreasing	4	4	No	3.430268064	6.00	0.958	Increasing	29	29	No	0.765425169	-277.00	1	Decreasing	10	10	No	0.551455806	-28.00	0.9935	Decreasing
PTX08-1006	636400.41	3756761.86	TCLME	11/28/1995	9/25/2023	49	48	No	0.777938391	-335.00	0.998005467	Decreasing	4	4	No	3.737917624	-6.00	0.958	Decreasing	29	29	No	0.726562632	-197.00	1	Decreasing	10	10	No	0.169885072	17.00	0.922	Probably Increasing
PTX08-1006	636400.41	3756761.86	VC	11/28/1995	9/25/2023	51	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	PERC	4/25/2000	9/25/2023	43	43	No	1.063811638	-353.00	0.999885121	Decreasing	4	4	No	3.132010847	4.00	0.833	No Trend	29	29	No	1.079804446	-330.00	1	Decreasing	10	10	No	1.113295141	-31.00	0.998	Decreasing
PTX08-1006	636400.41	3756761.86	B	11/28/1995	9/25/2023	44	44	No	0.154100322	448.00	0.999996924	Increasing	4	4	No	3.164134629	-3.00	0.729	No Trend	29	29	No	0.100702863	45.00	0.7935	No Trend	10	10	No	0.139474994	31.00	0.998	Increasing
PTX08-1007	638900.04	3758440.46	RDX	3/11/1996	8/8/2023	22	18	No	0.702748548	46.00	0.896	No Trend	4	4	No	2.123451789	-2.00	0.625	No Trend	14	14	No	0.419866987	-35.00	0.969	Decreasing	5	5	No	0.112499862	-6.00	0.883	Stable
PTX08-1007	638900.04	3758440.46	HMX	3/11/1996	8/8/2023	22	13	No	1.591044378	-83.00	0.99	Decreasing	4	4	No	2.129566343	1.00	0.5	No Trend	14	13	No	0.383034488	-8.00	0.646	Stable	5	5	No	0.187554743	-6.00	0.883	Stable
PTX08-1007	638900.04	3758440.46	TNT	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT24	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT26	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT2A	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT4A	3/11/1996	8/8/2023	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	TNB135	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNB13	3/11/1996	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	MNX	5/20/2010	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNX	5/20/2010	8/8/2023	14	9	No	0.186153379	-34.00	0.9645	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	9	No	0.186153379	-34.00	0.9645	Decreasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	TNX	5/20/2010	8/8/2023	14	14	No	0.538322088	-56.00	0.999	Decreasing	4	4	No	1.613397263	-4.00	0.833	No Trend	14	14	No	0.538322088	-56.00	0.999	Decreasing	5	5	No	0.249977732	-2.00	0.592	Stable
PTX08-1007	638900.04	3758440.46	DIOXANE14	8/7/2002	8/8/2023	15	13	No	1.693420658	38.00	0.967	Increasing	4	4	No	2.368865993	2.00	0.625	No Trend	14	13	No	1.776435535	46.00	0.994	Increasing	5	5	No	1.088450097	8.00	0.958	Increasing
PTX08-1007	638900.04	3758440.46	PCE	3/11/1996	8/8/2023	25	17	No	0.778403438	-55.00	0.895	Stable	4	4	No	2.339304463	0.00	0.375	No Trend	14	14	No	0.273132266	-5.00	0.585	Stable	5	5	No	0.134303564	9.00	0.975	Increasing
PTX08-1007	638900.04	3758440.46	TCE	3/11/1996	8/8/2023	25	25	No	0.264387296	44.00	0.841	No Trend	4	4	No	2.3056992	0.00	0.375	No Trend	14	14	No	0.273197964	-13.00	0.741	Stable	5	5	No	0.044254133	-6.00	0.883	Stable
PTX08-1007	638900.04	3758440.46	DCE12C	3/11/1996	8/8/2023	20	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DCE12T	8/7/2002	8/8/2023	18	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DCA12	3/11/1996	8/8/2023	25	22	No	1.754696084	166.00	1	Increasing	4	4	No	2.418842018	4.00	0.833	No Trend	14	14	No	1.27031835	77.00	1	Increasing	5	5	No	0.633176844	10.00	0.992	Increasing
PTX08-1007	638900.04	3758440.46	TCLME	3/11/1996	8/8/2023	25	25	No	1.163742976	116.00	0.997	Increasing	4	4	No	2.429606802	2.00	0.625	No Trend	14	14	No	0.96969889	71.00	1	Increasing	5	5	No	0.386276839	10.00	0.992	Increasing
PTX08-1007	638900.04	3758440.46	VC	3/11/1996	8/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	PERC	4/23/2001	8/8/2023	19	13	No	0.269068919	34.00	0.874	No Trend	4	4	No	1.989026496	0.00	0.375	No Trend	14	10	No	0.245243978	51.00	0.998	Increasing	5	5	No	0.115998166	8.00	0.958	Increasing
PTX08-1007	638900.04	3758440.46	B	12/20/1995	8/8/2023	24	23	No	0.429325994	142.00	1	Increasing	4	4	No	2.243357966	-4.00	0.833	No Trend	14	14	No	0.170999346	-28.00	0.929	Probably Decreasing	5	5	No	0.03969761	-6.00	0.883	Stable
PTX08-1007	638900.04	3758440.46	CR	12/20/1995	8/8/2023	27	22	No	2.494934705	-133.00	0.997	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	10	No	2.691981636	-45.00	0.986	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	CR-6	3/11/1996	8/8/2023	24	16	No	3.175582615	-118.00	0.999	Decreasing	4	4	No	2.462355106	4.00	0.833	No Trend	15	11	No	2.610957854	-75.00	1	Decreasing	5	5	No	0.905739073	-10.00	0.992	Decreasing
PTX08-1008	637485.10	3755695.51	RDX	11/14/1995	11/1/2023	51	9	No	2.809159325	-302.00	0.992753085	Decreasing	4	4	No	3.696665115	6.00	0.958	Increasing	30	7	No	2.395828906	43.00	0.772	No Trend	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	HMX	11/14/1995	11/1/2023	51	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	TNT	11/14/1995	11/1/2023	51	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT24	11/14/1995	11/1/2023	51	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT26	11/14/1995	11/1/2023	51	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT2A	11/14/1995	11/1/2023	51	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT4A	11/14/1995	11/1/2023	51	22	No	1.715919301	40.00	0.624289506	No Trend	4	4	No	3.444765292	0.00	0.375	No Trend	30	12	No	1.556324176	228.00	1	Increasing	10	8	No	0.992048181	43.00	1	Increasing
PTX08-1008	637485.10	3755695.51	TNB135	11/14/1995	11/1/2023	51	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNB13	11/14/1995	11/1/2023	46	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	MNX	8/5/2009	11/1/2023	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNX	8/5/2009	11/1/2023	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	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	TNX	8/5/2009	11/1/2023	30	5	No	0.889021887	44.00	0.777	No Trend	4	4	No	2.794473471	6.00	0.958	Increasing	30	5	No	0.889021887	44.00	0.777	No Trend	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	DIOXANE14	2/10/2004	11/1/2023	39	17	No	1.068128276	211.00	0.995	Increasing	4	4	No	2.991737079	0.00	0.375	No Trend	30	16	No	1.219726948	301.00	1	Increasing	10	10	No	0.702201565	43.00	1	Increasing
PTX08-1008	637485.10	3755695.51	PCE	11/14/1995	11/1/2023	47	8	No	1.009341114	107.00	0.834491656	No Trend	4	4	No	3.311946567	0.00	0.375	No Trend	30	8	No	1.141386332	188.00	1	Increasing	10	4	No	1.31458227	28.00	0.9935	Increasing
PTX08-1008	637485.10	3755695.51	TCE	11/14/1995	11/1/2023	51	22	No	1.448813879	256.00	0.980828256	Increasing	4	4	No	3.451234362	0.00	0.375	No Trend	30	15	No	1.569327238	300.00	1	Increasing	10	8	No	1.387315444	38.00	1	Increasing
PTX08-1008	637485.10	3755695.51	DCE12C	11/14/1995	11/1/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DCE12T	2/11/2002	11/1/2023	44	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DCA12	11/14/1995	11/1/2023	46	10	No	1.010959429	38.00	0.636951328	No Trend	4	4	No	3.253217273	-2.00	0.625	No Trend	30	10	No	1.124117491	143.00	0.995	Increasing	10	6	No	1.310563738	17.00	0.922	Probably Increasing
PTX08-1008	637485.10	3755695.51	TCLME	11/14/1995	11/1/2023	46	32	No	0.875838322	-57.00	0.702019084	Stable	4	4	No	3.264718989	0.00	0.375	No Trend	30	22	No	1.123898594	213.00	1	Increasing	10	4	No	1.315039278	27.00	0.992	Increasing
PTX08-1008	637485.10	3755695.51	VC	11/14/1995	11/1/2023	51	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	30	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	PERC	8/23/1999	11/1/2023	47	27	No	1.288340108	544.00	0.999999681	Increasing	4	4	No	3.291372777	-4.00	0.833	No Trend	30	26	No	0.874103674	269.00	1	Increasing	10	10	No	0.190248427	-21.00	0.964	Decreasing
PTX08-1008	637485.10	3755695.51	B	11/14/1995	11/1/2023	56	56	No	0.187543703	848.00	0.999999999	Increasing	4	4	No	3.621825261	4.00	0.833	No Trend	30	30	No	0.113981915	37.00	0.738	No Trend	10	10	No	0.072000761	4.00	0.6025	No Trend
PTX08-1008	637485.10	3755695.51	CR	11/14/1995	11/1/2023	57	57	No	1.366908163	-1231.00	1	Decreasing	4	4	No	3.696861474	-2.00	0.625	No Trend	30	30	No	0.835197206	-348.00	1	Decreasing	10	10	No	0.67468796	-41.00	1	Decreasing
PTX08-1008	637485.10	3755695.51	CR-6	11/14/1995	11/1/2023	57	57	No	1.307357805	-1263.00	1	Decreasing	4	4	No	3.90633941	-4.00	0.833	No Trend	29	29	No	0.900697084	-334.00	1	Decreasing	10	10	No	0.654818844	-39.00	1	Decreasing
PTX08-1008	637485.10	3755695.51	FE	11/14/1995	11/1/2023	54	34	No	0.836490513	82.00	0.727175418	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	19	No	0.765950663	-220.00	1	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	MN	11/14/1995	11/1/2023	56	30	No	0.736095168	92.00	0.739935211	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	20	No	0.651494931	-170.00	0.999	Decreasing	10	4	No	0.288118773	-2.00	0.5345	Stable
PTX08-1008	637485.10	3755695.51	MO	11/14/1995	11/1/2023	55	48	No	3.521677498	-422.00	0.99887944	Decreasing	4	4	No	3.575095243	0.00	0.375	No Trend	30	30	No	0.103670122	-212.00	1	Decreasing	10	10	No	0.054810132	-19.00	0.946	Probably Decreasing
PTX08-1008	637485.10	3755695.51	NI	11/14/1995	11/1/2023	55	42	No	1.588737643	-682.00	0.999999617	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	30	22	No	0.66588334	-175.00	0.999	Decreasing	10	4	No	0.23853965	-16.00	0.907	Probably Decreasing
PTX08-1008	637485.10	3755695.51	V	11/14/1995	11/1/2023	49	49	No	0.127310281	-57.00	0.68534945	Stable	4	4	No	3.357556613	-2.00	0.625	No Trend	30	30	No	0.076843844	-101.00	0.963	Decreasing	10	10	No	0.045366347	-4.00	0.6025	Stable
PTX08-1009	638866.95	3755275.01	RDX	11/14/1995	2/22/2023	41	25	No	3.929294528	-352.00	0.999959667	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	19	No	0.868951648	-145.00	1	Decreasing	8	5	No	0.528276092	14.00	0.946	Probably Increasing
PTX08-1009	638866.95	3755275.01	HMX	11/14/1995	2/22/2023	41	10	No	1.677137771	-475.00	0.999999949	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	10	No	1.607831869	-149.00	1	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TNT	11/14/1995	2/22/2023	41	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT24	11/14/1995	2/22/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT26	11/14/1995	2/22/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT2A	11/14/1995	2/22/2023	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT4A	11/14/1995	2/22/2023	41	9	No	1.551923493	-346.00	0.999946692	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TNB135	11/14/1995	2/22/2023	41	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	DNB13	11/14/1995	2/22/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	MNX	11/17/2009	2/22/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNX	11/17/2009	2/22/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TNX	11/17/2009	2/22/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	PCE	11/14/1995	2/22/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TCE	11/14/1995	2/22/2023	44	17	No	0.686887297	-328.00	0.999529107	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DCE12C	11/14/1995	2/22/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DCE12T	10/23/1996	2/22/2023	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DCA12	11/14/1995	2/22/2023	41	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TCLME	11/14/1995	2/22/2023	42	14	No	0.862386332	-42.00	0.671599064	Stable	4	0	Yes	0	0.00	0	All Non-Detect	25	8	No	0.24311599	44.00	0.841	No Trend	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	VC	11/14/1995	2/22/2023	44	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	PERC	2/22/2001	2/22/2023	15	6	No	0.339623583	-29.00	0.916	Probably Decreasing	4	4	No	2.012840659	6.00	0.958	Increasing	8	6	No	0.4236973	5.00	0.683	No Trend	6	4	No	0.329031495	-4.00	0.7025	Stable
PTX08-1009	638866.95	3755275.01	B	11/14/1995	2/22/2023	41	41	No	0.125848243	269.00	0.998694447	Increasing	4	4	No	3.042342159	-2.00	0.625	No Trend	25	25	No	0.083025321	-24.00	0.703	Stable	8	8	No	0.049699933	0.00	0.452	Stable
PTX08-1009	638866.95	3755275.01	CR	11/14/1995	2/22/2023	44	42	No	2.38789736	-465.00	0.999998654	Decreasing	4	4	No	3.266629877	0.00	0.375	No Trend	25	23	No	0.799316757	57.00	0.903	Probably Increasing	8	8	No	0.588253677	-24.00	0.999	Decreasing
PTX08-1009	638866.95	3755275.01	CR-6	11/14/1995	2/22/2023	43	33	No	2.243370242	-481.00	0.999999746	Decreasing	4	4	No	3.20142296	0.00	0.375	No Trend	25	16	No	0.71634348	8.00	0.564	No Trend	8	8	No	0.646574594	-24.00	0.999	Decreasing
PTX08-1009	638866.95	3755275.01	FE	11/14/1995	2/22/2023	43	31	No	0.924738943	22.00	0.586976349	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	16	No	0.863872981	-140.00	1	Decreasing	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	MN	11/14/1995	2/22/2023	42	24	No	1.908056163	167.00	0.963991184	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	13	No	1.755403192	-104.00	0.992	Decreasing	8	4	No	0.254003261	4.00	0.64	No Trend
PTX08-1009	638866.95	3755275.01	MO	11/14/1995	2/22/2023	43	39	No	0.631057237	-15.00	0.558242925	Stable	4	4	No	3.127757649	0.00	0.375	No Trend	25	25	No	0.067521236	-125.00	0.9985	Decreasing	8	8	No	0.041772714	-4.00	0.64	Stable
PTX08-1009	638866.95	3755275.01	NI	11/14/1995	2/22/2023	42	31	No	1.365557878	-375.00	0.999974737	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	0.671835024	-14.00	0.618	Stable	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	V	11/14/1995	2/22/2023	41	41	No	0.080807146	-3.00	0.508961036	Stable	4	4	No	3.056574505	0.00	0.375	No Trend	25	25	No	0.079440216	-57.00	0.903	Probably Decreasing	8	8	No	0.059548245	5.00	0.683	No Trend
PTX10-1014	639701.73	3759769.72	RDX	11/28/1995	8/8/2023	22	19	No	1.520640658	10.00	0.599	No Trend	4	4	No	2.362386756	2.00	0.625	No Trend	14	14	No	0.404234138	13.00	0.741	No Trend	5	5	No	0.539910673	2.00	0.592	No Trend
PTX10-1014	639701.73	3759769.72	HMX	11/28/1995	8/8/2023	22	14	No	1.946563539	-91.00	0.995	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	12	No	0.242254399	5.00	0.585	No Trend	5	4	No	0.270795284	2.00	0.592	No Trend
PTX10-1014	639701.73	3759769.72	TNT	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT24	7/7/1992	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT26	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT2A	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT4A	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	TNB135	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNB13	11/28/1995	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	MNX	10/21/2010	8/8/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNX	10/21/2010	8/8/2023	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX10-1014	639701.73	3759769.72	TNX	10/21/2010	8/8/2023	14	14	No	0.337698196	3.00	0.543	No Trend	4	4	No	1.717516756	2.00	0.625	No Trend	14	14	No	0.337698196	3.00	0.543	No Trend	5	5	No	0.365539328	4.00	0.758	No Trend
PTX10-1014	639701.73	3759769.72	DIOXANE14	5/23/2002	8/8/2023	15	8	No	0.921130483	-13.00	0.721	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	8	No	0.757927392	1.00	0.5	No Trend	5	5	No	0.480252859	2.00	0.592	No Trend
PTX10-1014	639701.73	3759769.72	PCE	7/7/1992	8/8/2023	25	13	No	1.401252742	-25.00	0.7105	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	13	No	0.517096378	-32.00	0.955	Decreasing	5	5	No	0.56577824	6.00	0.883	No Trend
PTX10-1014	639701.73	3759769.72	TCE	7/7/1992	8/8/2023	25	24	No	0.513501768	-19.00	0.6615	Stable	4	4	No	2.517422245	-2.00	0.625	No Trend	14	14	No	0.504504795	-13.00	0.741	Stable	5	5	No	0.557771203	8.00	0.958	Increasing
PTX10-1014	639701.73	3759769.72	DCE12C	11/28/1995	8/8/2023	20	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DCE12T	10/29/1996	8/8/2023	17	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DCA12	7/7/1992	8/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	TCLME	7/7/1992	8/8/2023	25	10	No	1.786088682	-110.00	0.995	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	10	No	0.461929883	-37.00	0.976	Decreasing	5	4	No	0.139964967	6.00	0.883	No Trend
PTX10-1014	639701.73	3759769.72	VC	7/7/1992	8/8/2023	25	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	PERC	7/31/2000	8/8/2023	18	15	No	0.701967705	-62.00	0.99	Decreasing	4	4	No	1.908461951	-2.00	0.625	No Trend	14	11	No	0.149867739	0.00	0.478	Stable	5	5	No	0.109399585	-2.00	0.592	Stable
PTX10-1014	639701.73	3759769.72	B	11/28/1995	8/8/2023	25	25	No	0.572004376	99.00	0.9895	Increasing	4	4	No	2.357138145	6.00	0.958	Increasing	14	14	No	0.247334139	31.00	0.95	Increasing	5	5	No	0.194687669	0.00	0.408	Stable
PTX10-1014	639701.73	3759769.72	CR	7/7/1992	8/8/2023	26	24	No	1.731709691	-97.00	0.983	Decreasing	4	4	No	4.44921602	0.00	0.375	No Trend	14	13	No	2.158879452	33.00	0.96	Increasing	5	5	No	0.347390081	-6.00	0.883	Stable
PTX10-1014	639701.73	3759769.72	CR-6	11/28/1995	8/8/2023	23	11	No	0.942510407	70.00	0.966	Increasing	4	4	No	2.288274325	4.00	0.833	No Trend	14	10	No	0.659181299	-4.00	0.564	Stable	5	5	No	0.686720984	-6.00	0.883	Stable
PTX10-1014	639701.73	3759769.72	FE	11/28/1995	8/8/2023	25	25	No	1.448822218	-114.00	0.996	Decreasing	4	4	No	4.033908599	0.00	0.375	No Trend	14	14	No	1.569231509	7.00	0.626	No Trend	5	5	No	0.412746042	-2.00	0.592	Stable
PTX10-1014	639701.73	3759769.72	MN	11/28/1995	8/8/2023	25	24	No	1.291269086	-69.00	0.9435	Probably Decreasing	4	4	No	2.633896883	4.00	0.833	No Trend	14	13	No	1.090453479	-3.00	0.543	No Trend	5	4	No	0.634840995	4.00	0.758	No Trend
PTX10-1014	639701.73	3759769.72	MO	11/28/1995	8/8/2023	25	25	No	0.84056527	-148.00	1	Decreasing	4	4	No	2.341445001	4.00	0.833	No Trend	14	14	No	0.220480355	-27.00	0.921	Probably Decreasing	5	5	No	0.127150689	-6.00	0.883	Stable
PTX10-1014	639701.73	3759769.72	NI	11/28/1995	8/8/2023	25	25	No	0.65856709	-50.00	0.872	Stable	4	4	No	2.763756797	4.00	0.833	No Trend	14	14	No	0.970820954	1.00	0.5	No Trend	5	5	No	0.771561876	4.00	0.758	No Trend
PTX10-1014	639701.73	3759769.72	V	11/28/1995	8/8/2023	25	25	No	1.259597594	-74.00	0.956	Decreasing	4	4	No	2.737133561	2.00	0.625	No Trend	14	14	No	0.593035793	45.00	0.993	Increasing	5	5	No	0.077995346	-2.00	0.592	Stable

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

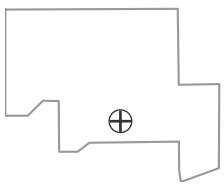






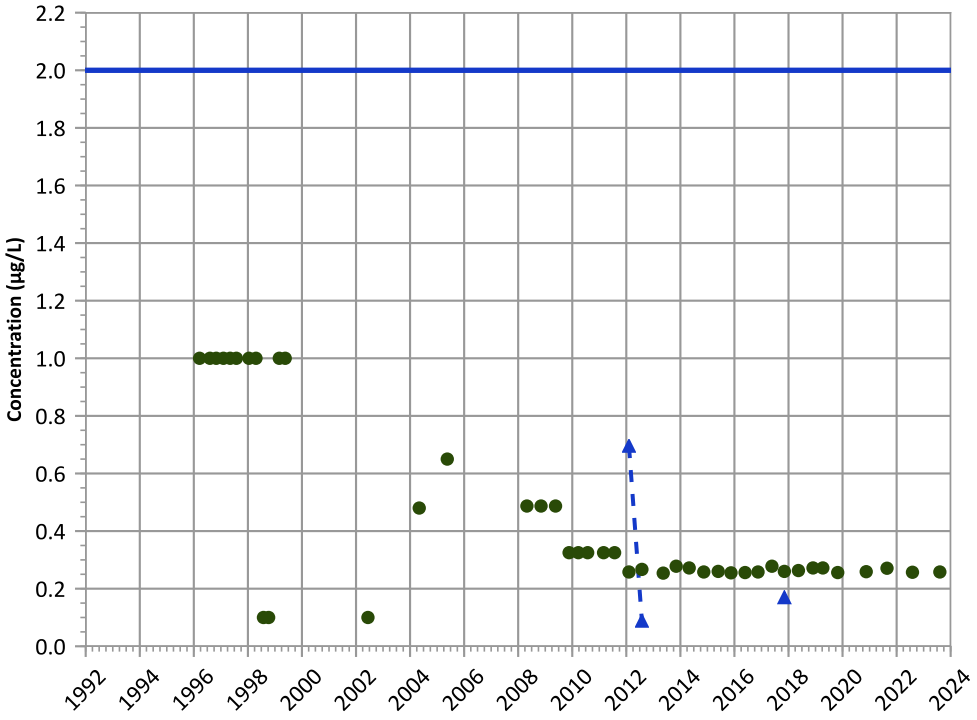


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

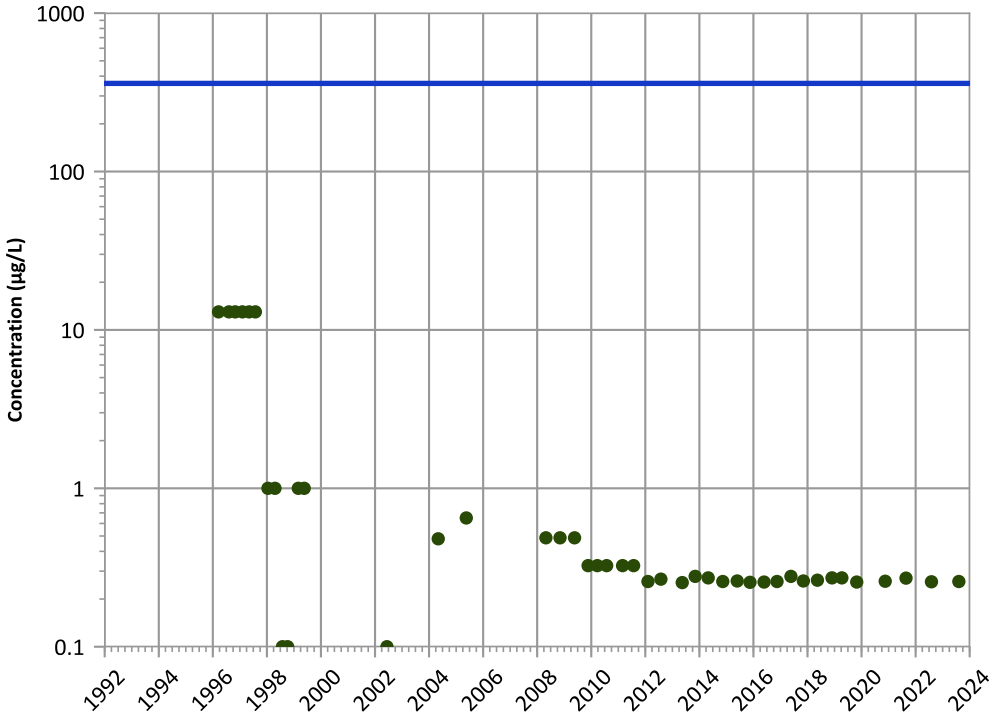


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

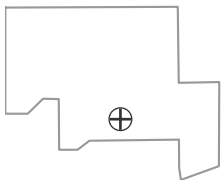
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

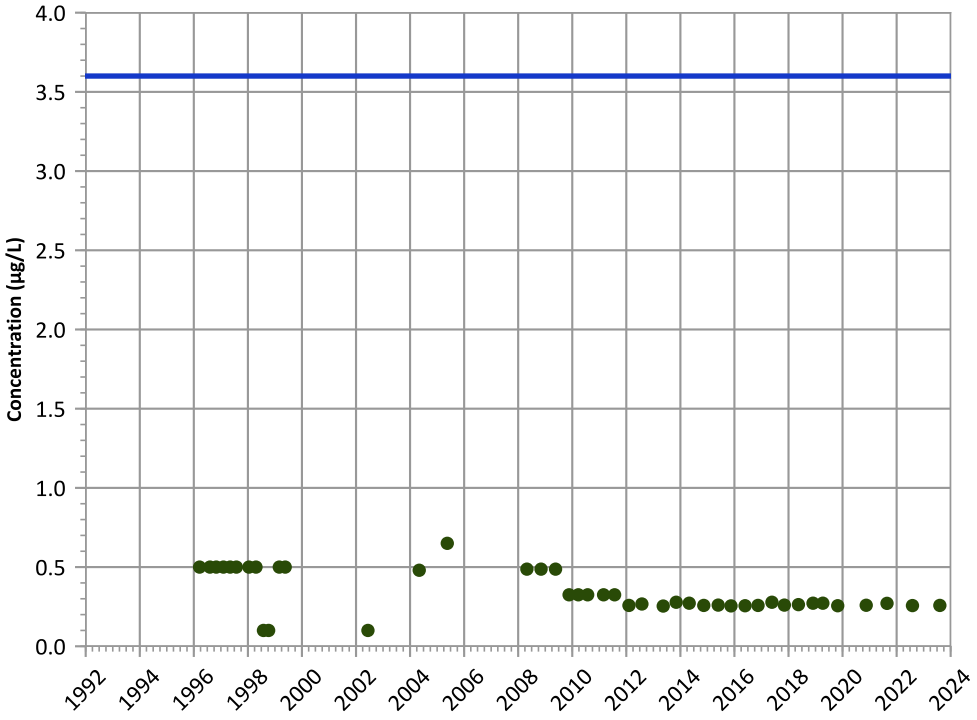
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

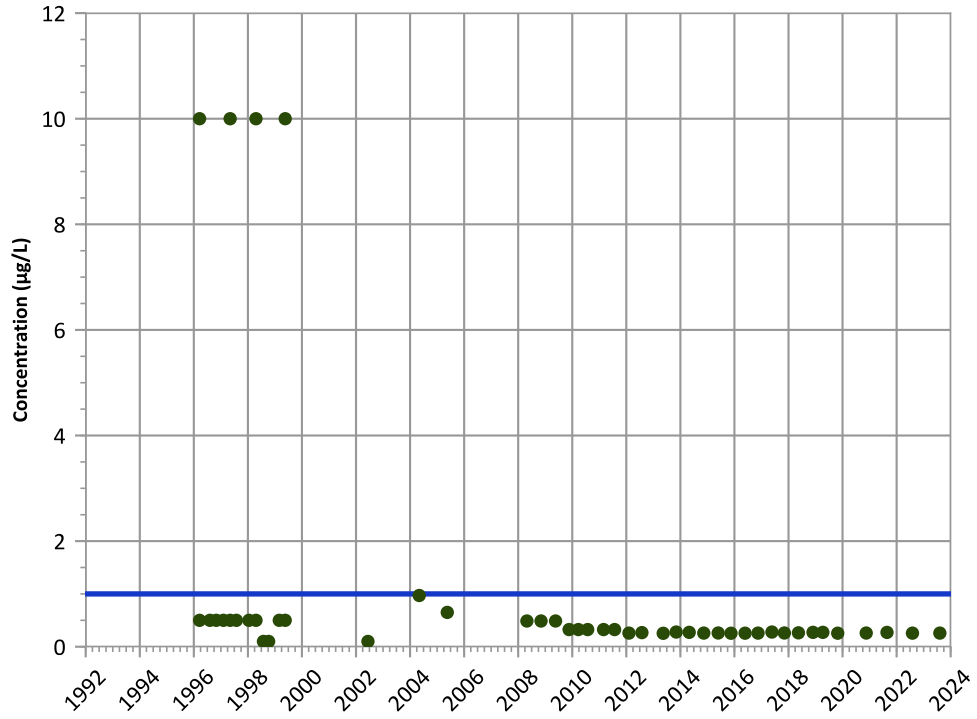


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

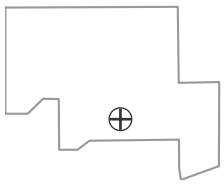
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

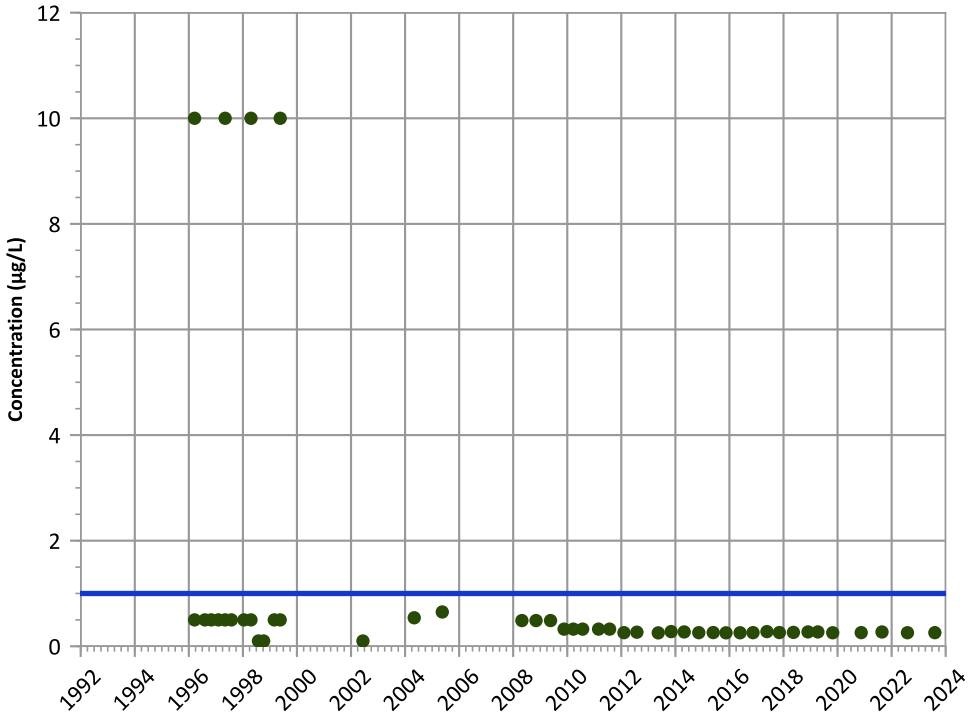
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

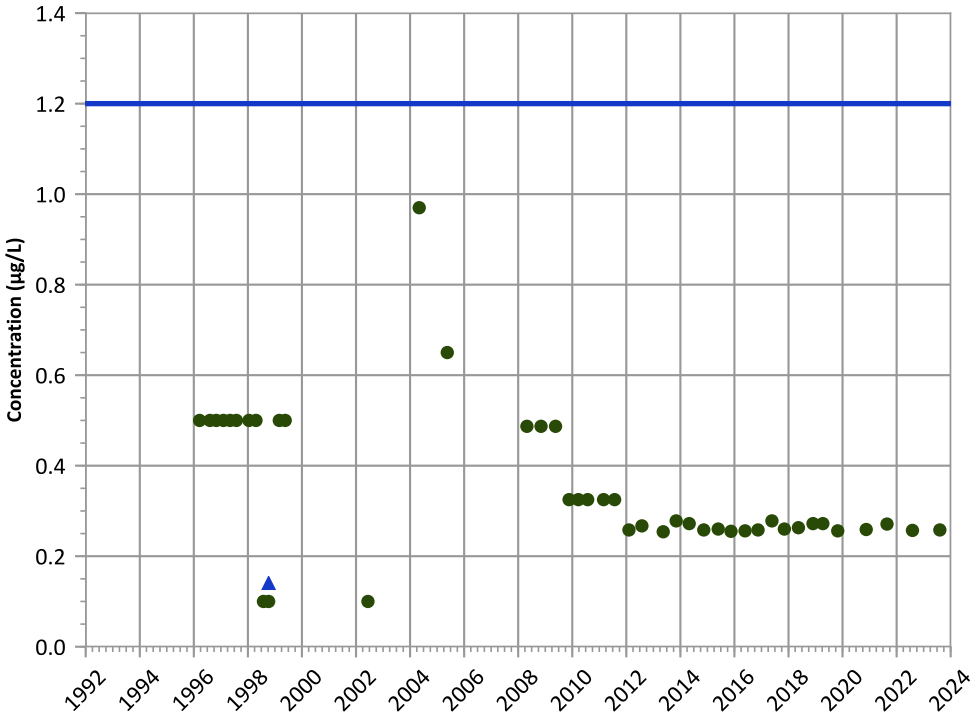


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

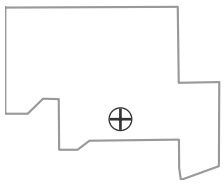
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

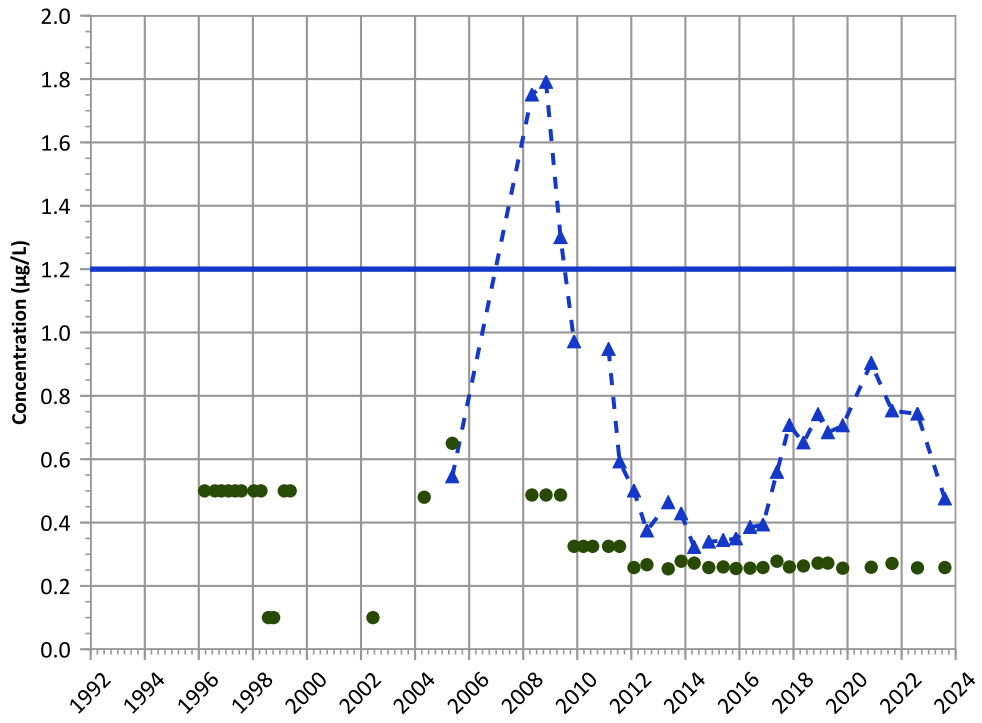
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

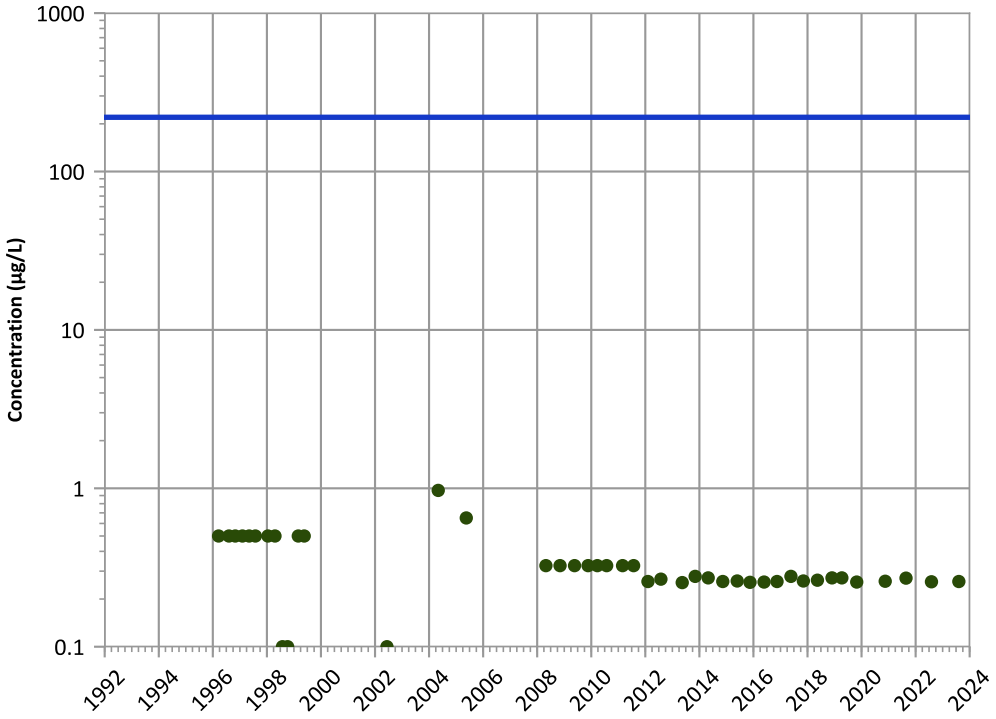


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

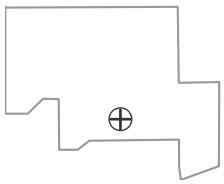
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

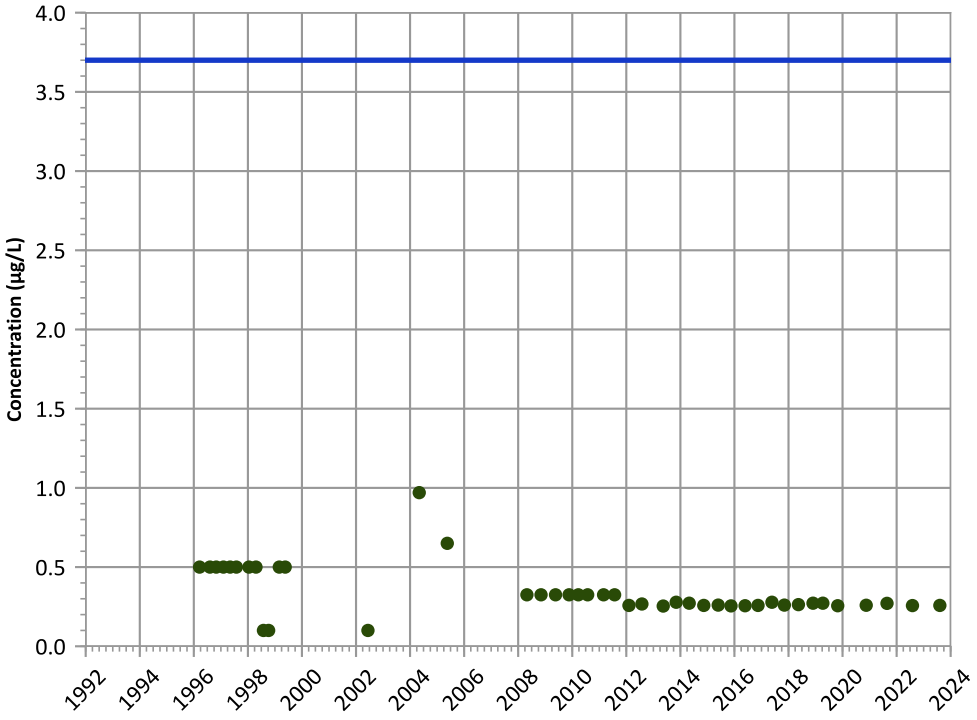
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

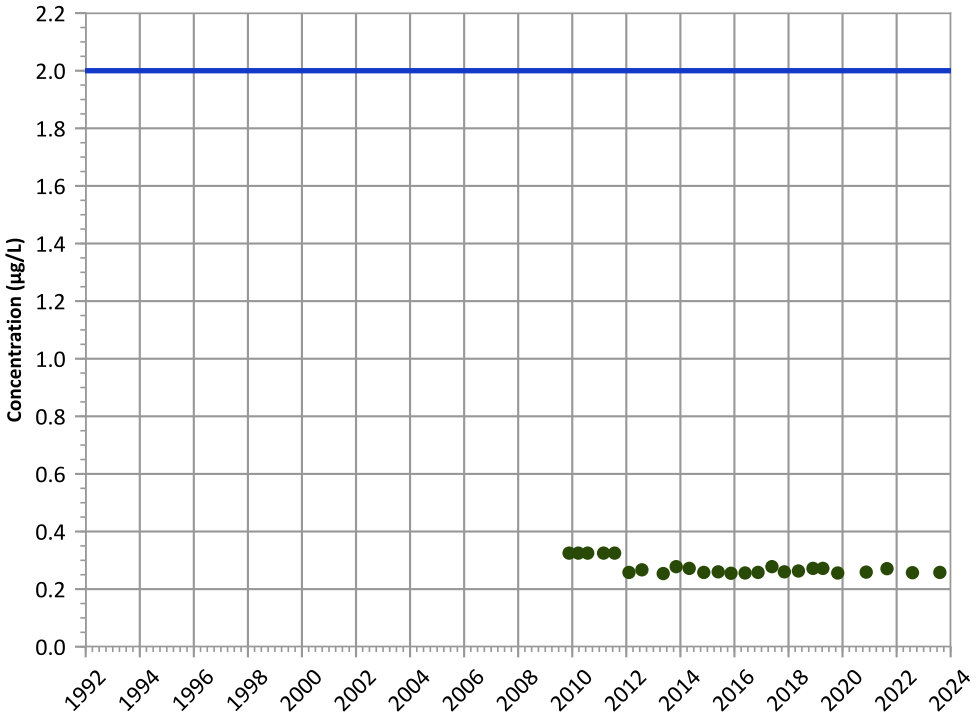


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

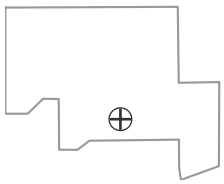
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

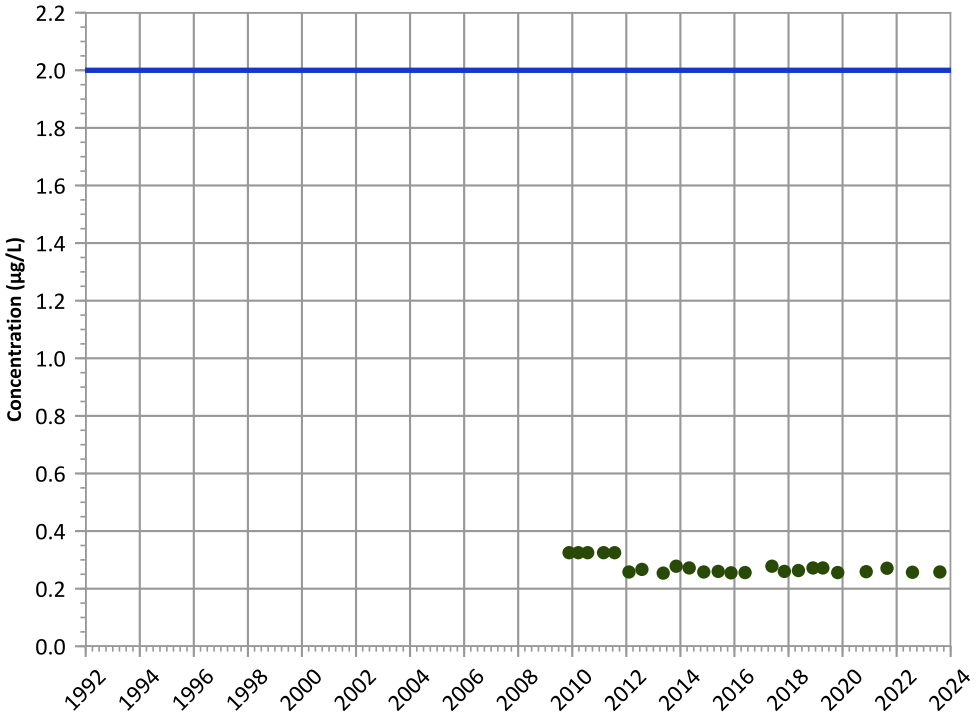
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

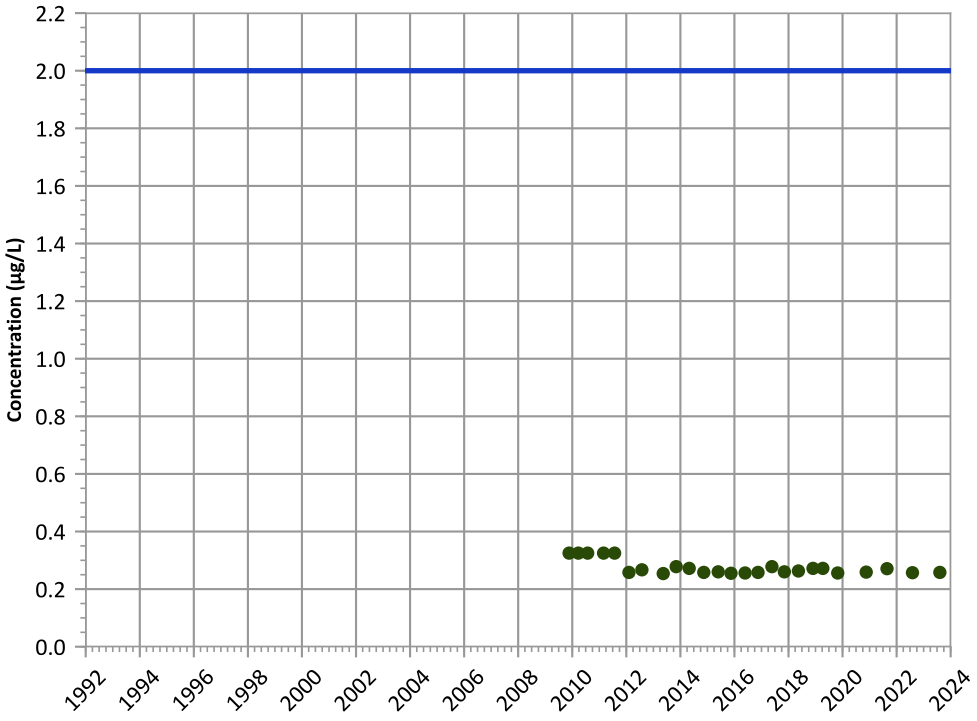


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

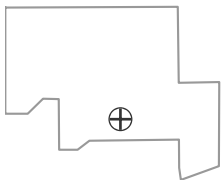
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

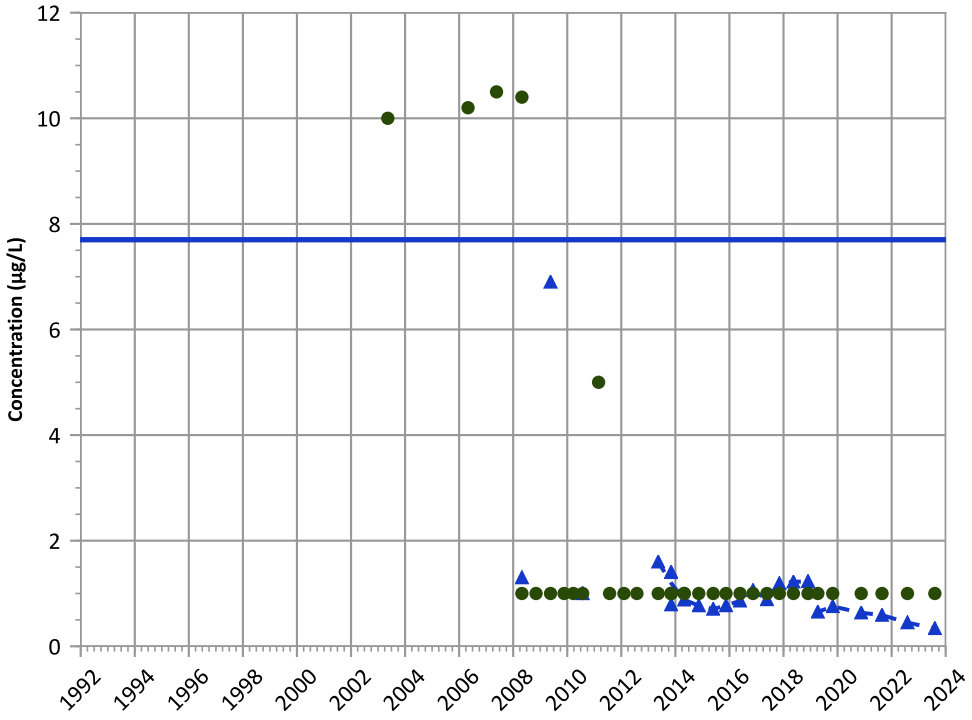
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

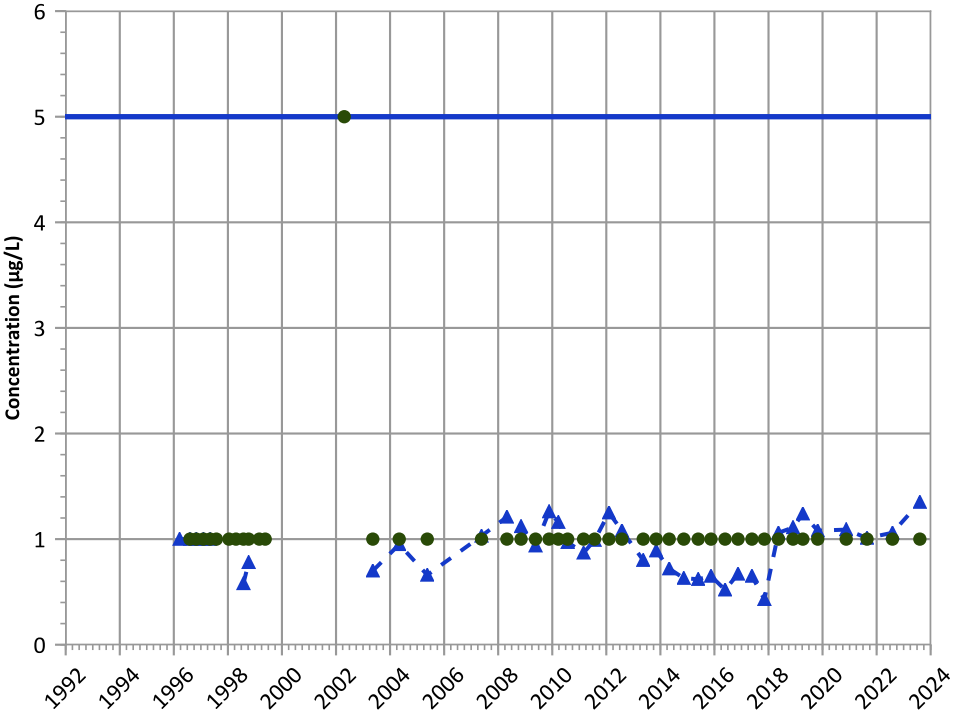


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

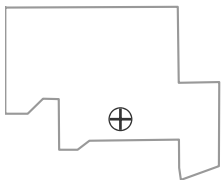
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

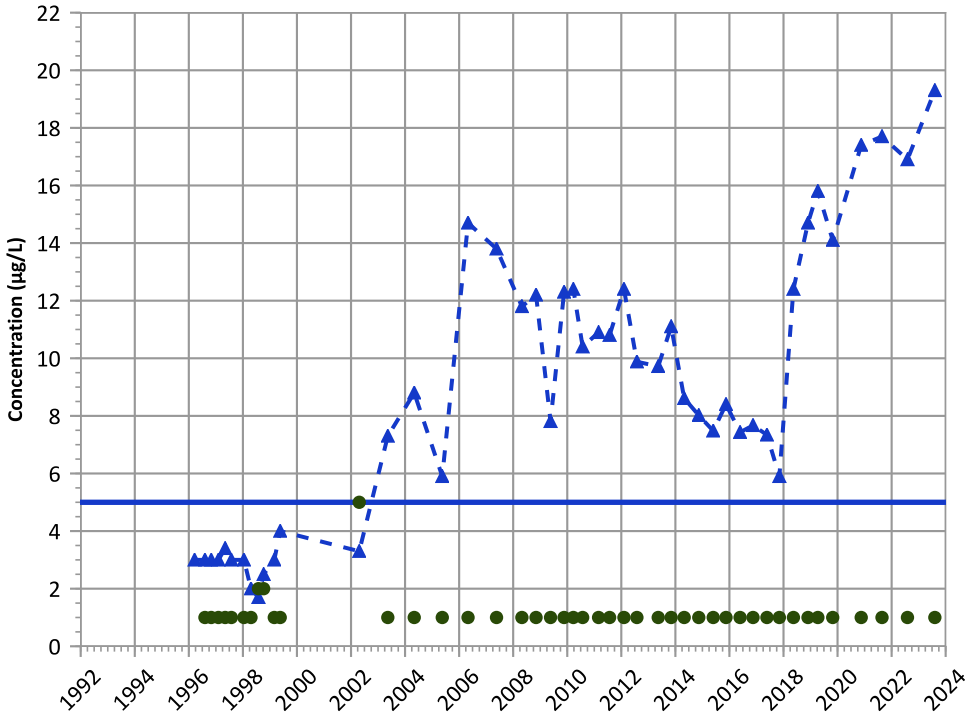
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

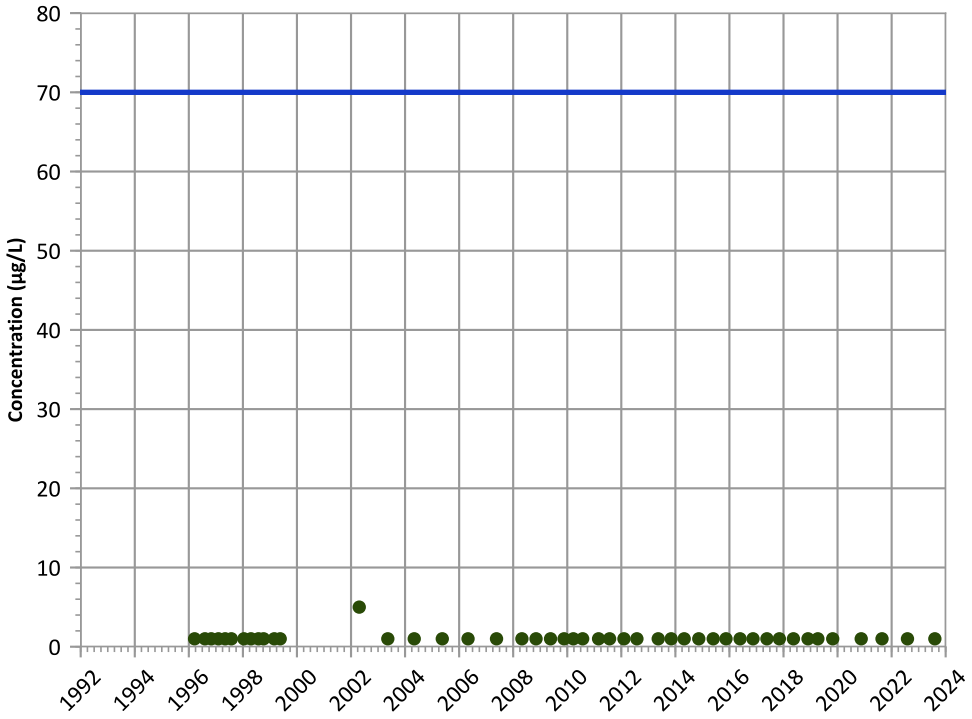


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

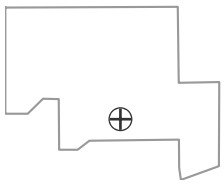
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

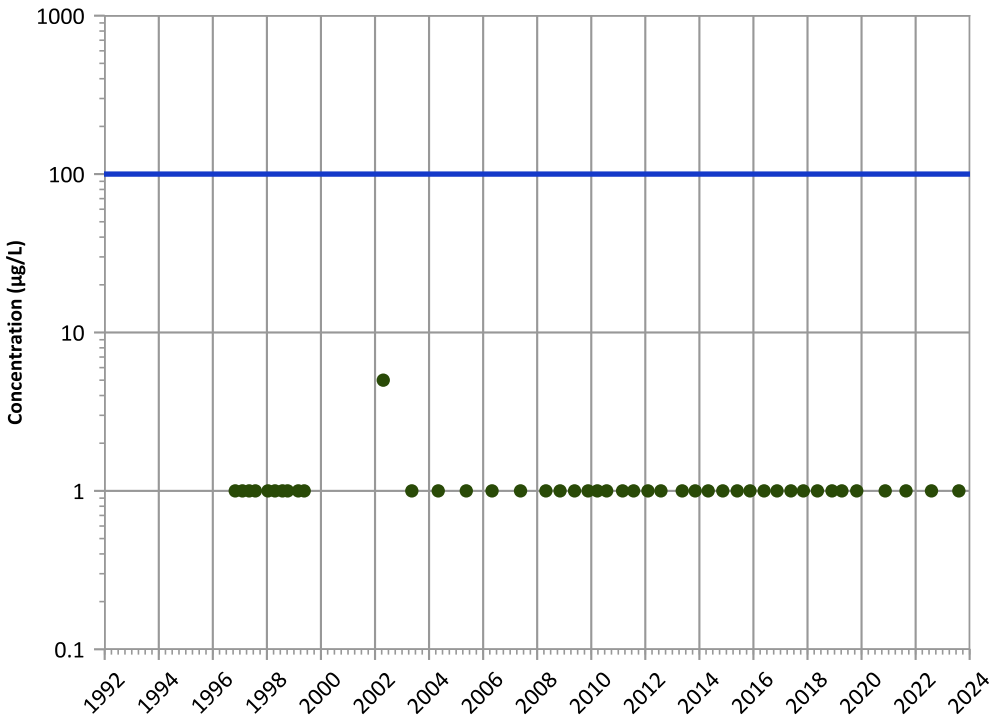
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

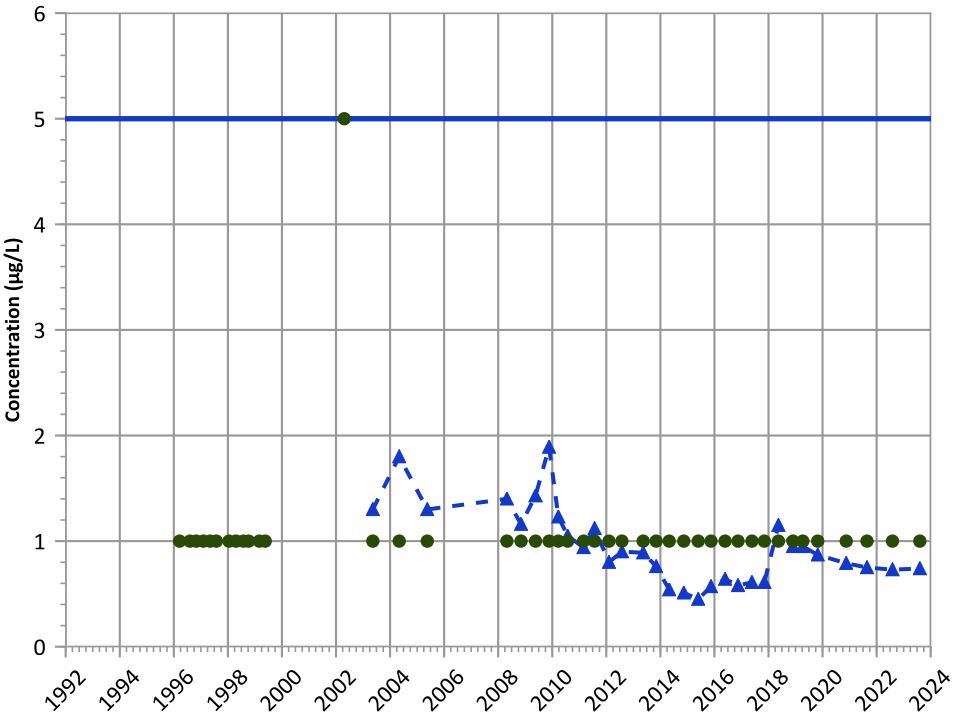


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

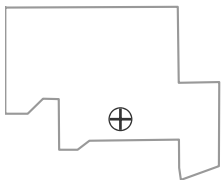
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

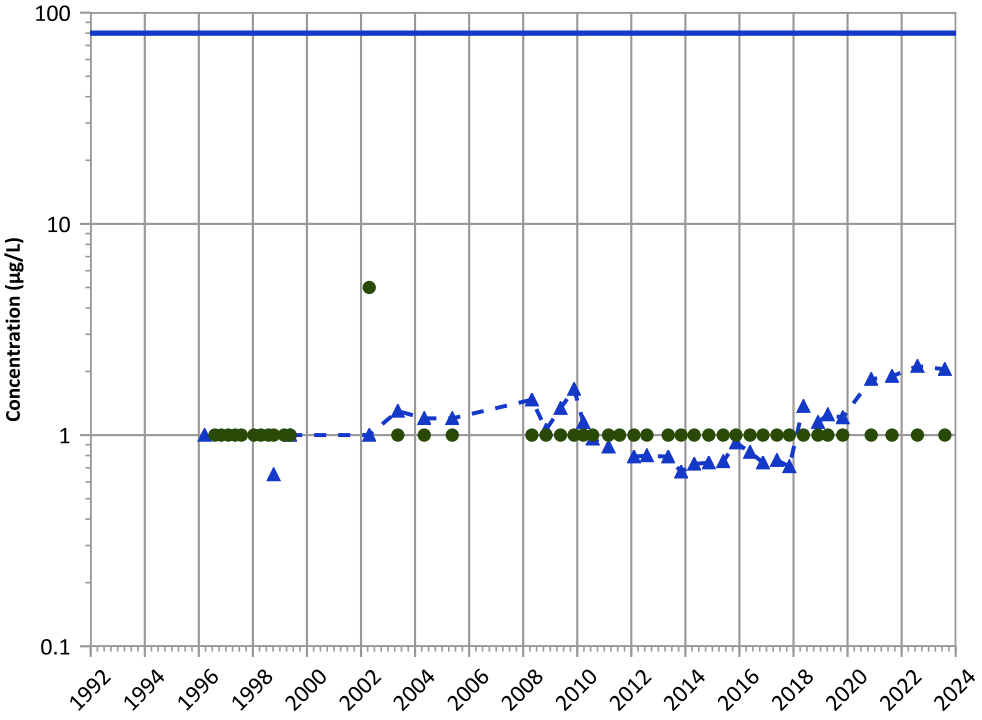
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

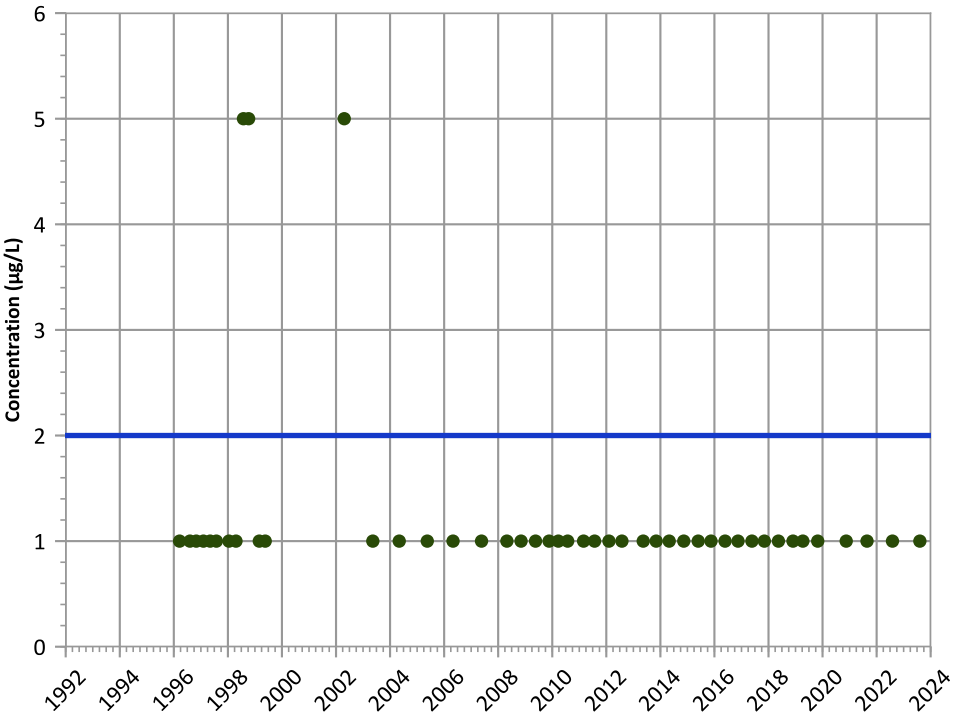


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

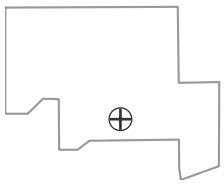
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

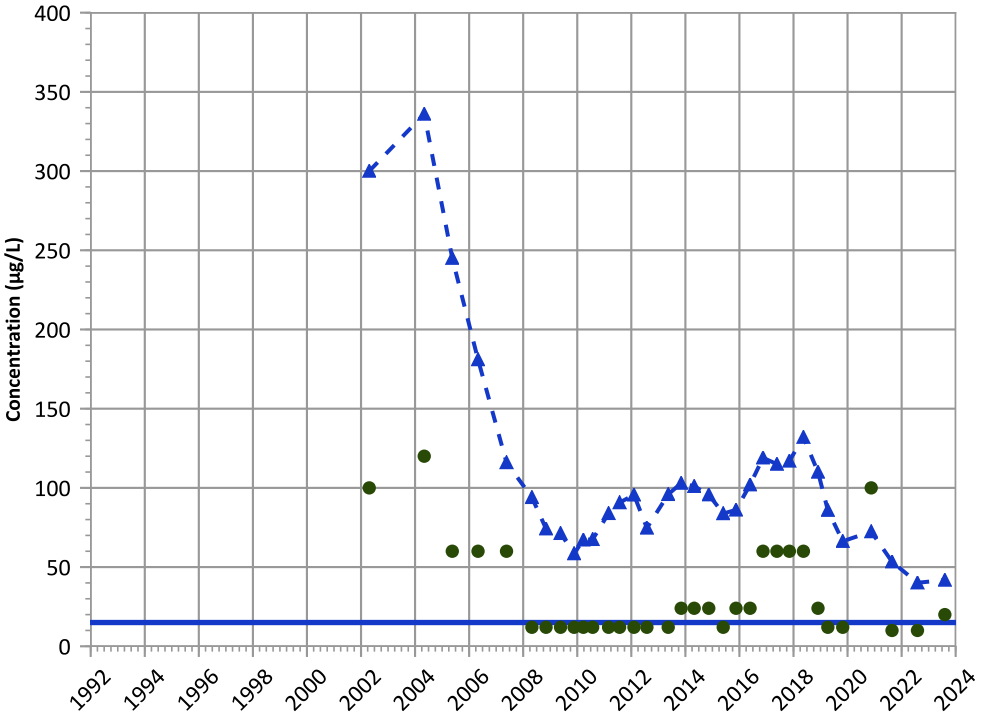
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

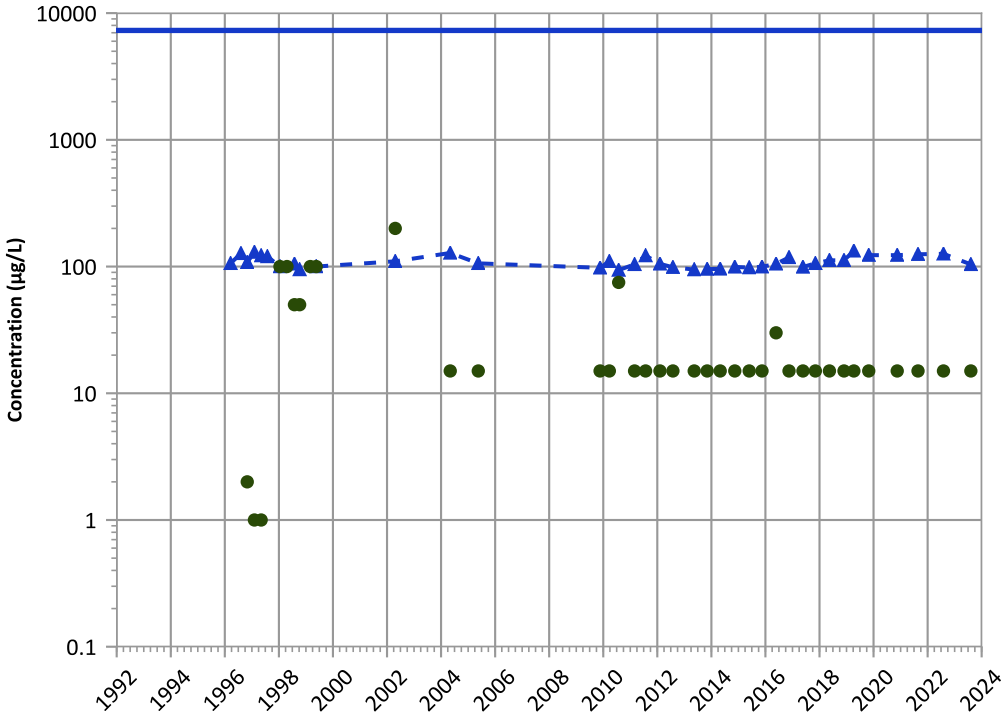


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Boron Trend



Concentration Trend

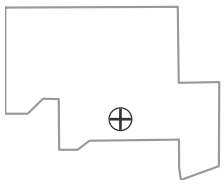
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

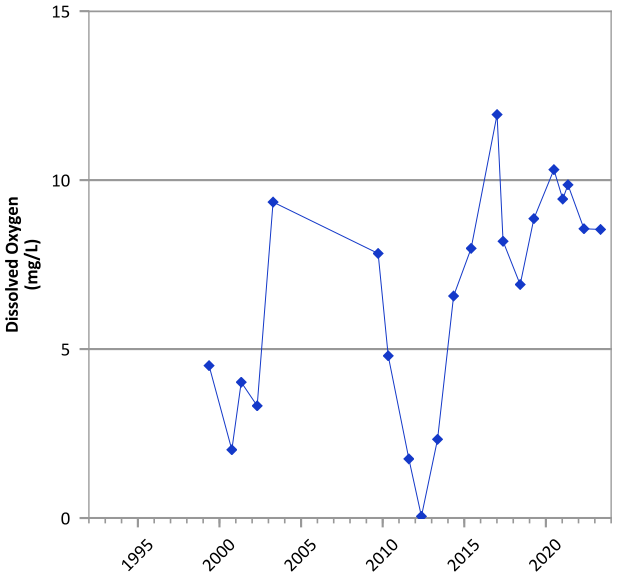
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/19/1996 to 08/08/2023
Analysis Date: 04/01/2024

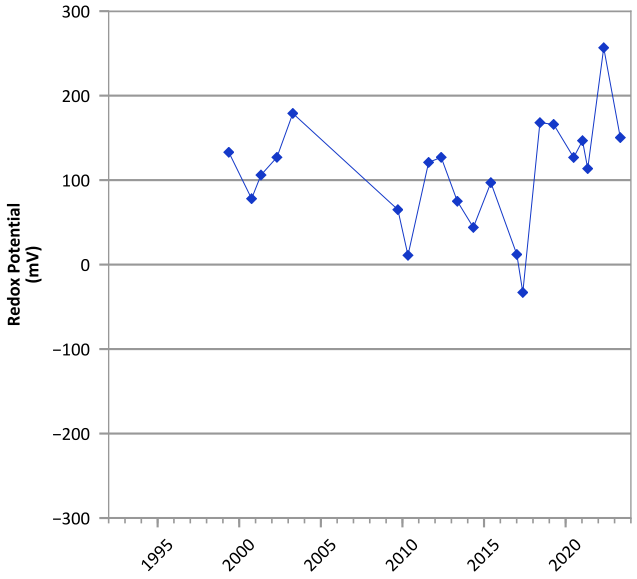
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

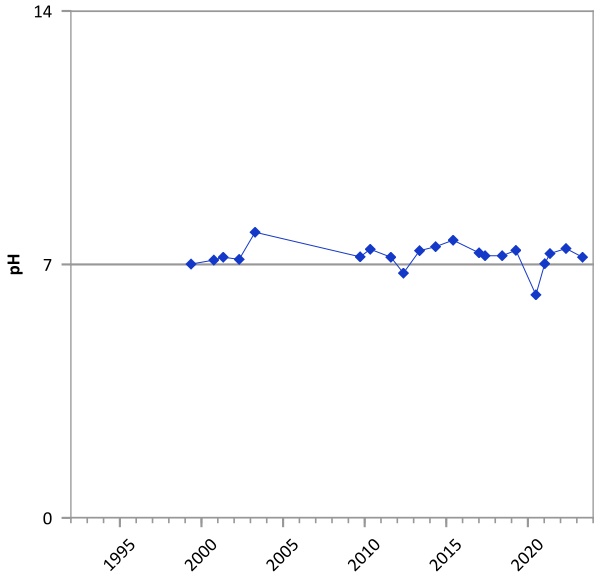
Well Location

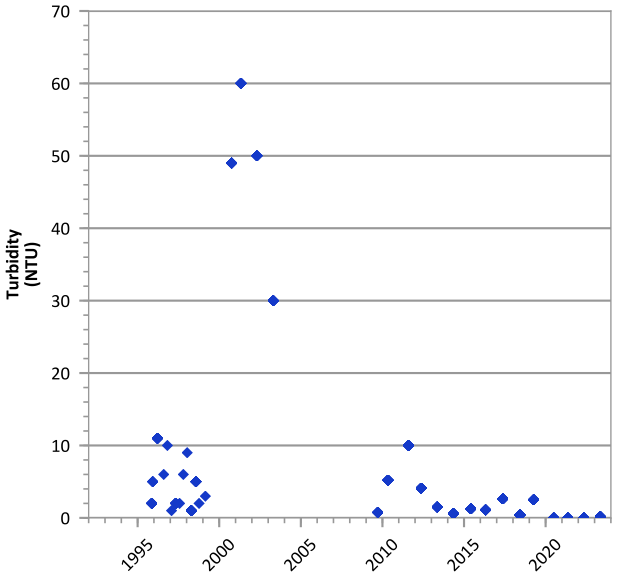


OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

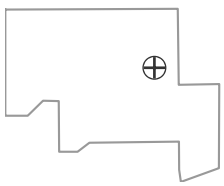






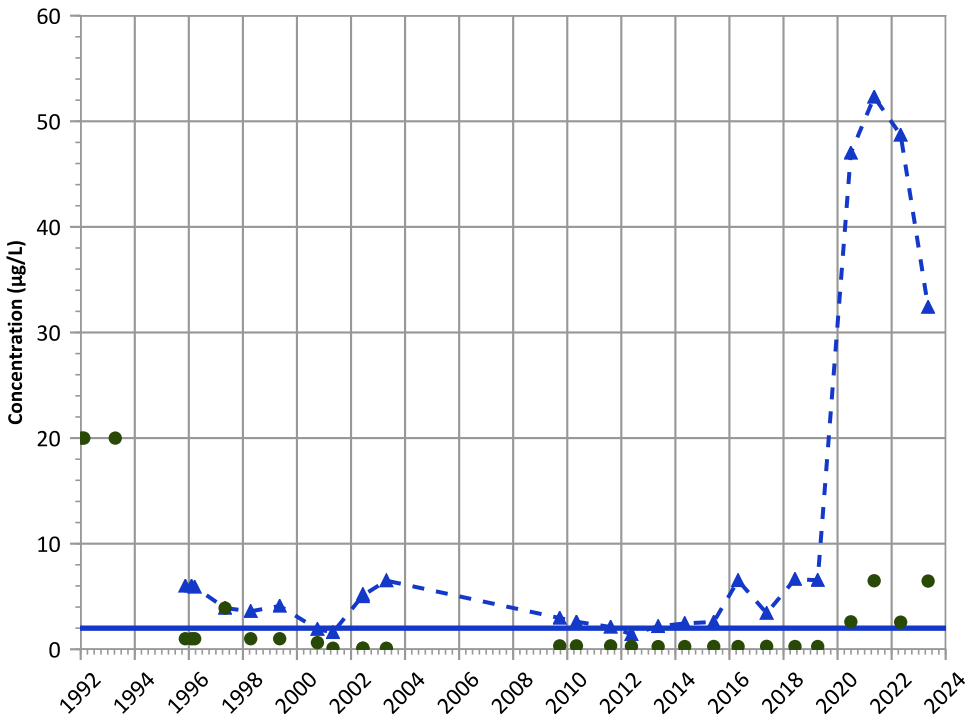


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024



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

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

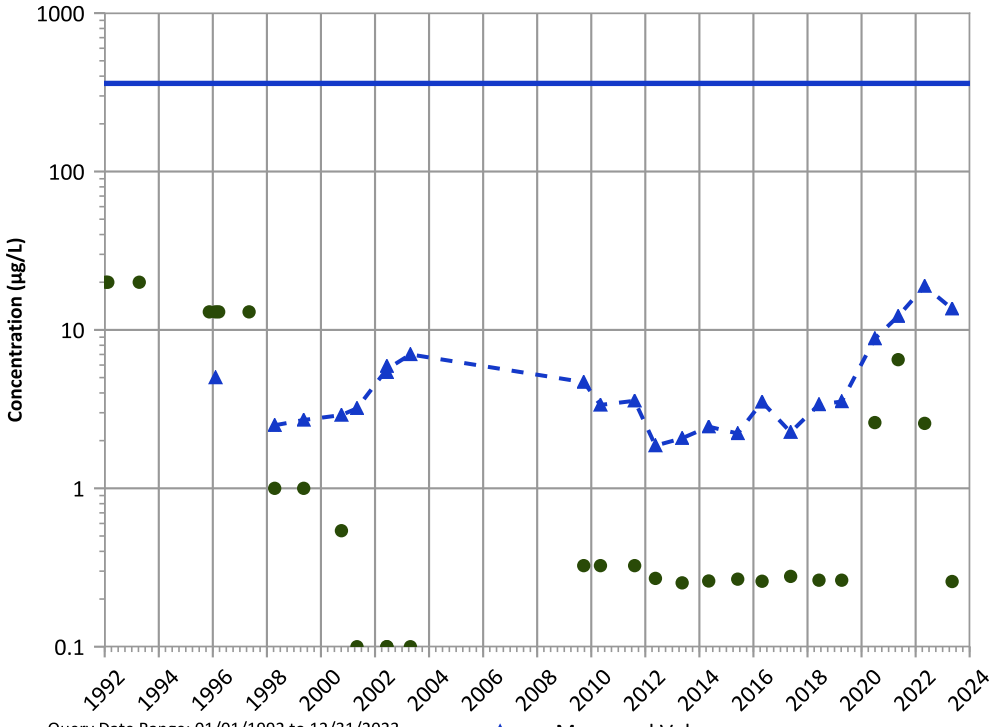


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

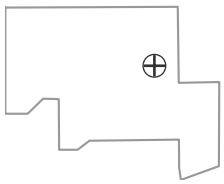
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

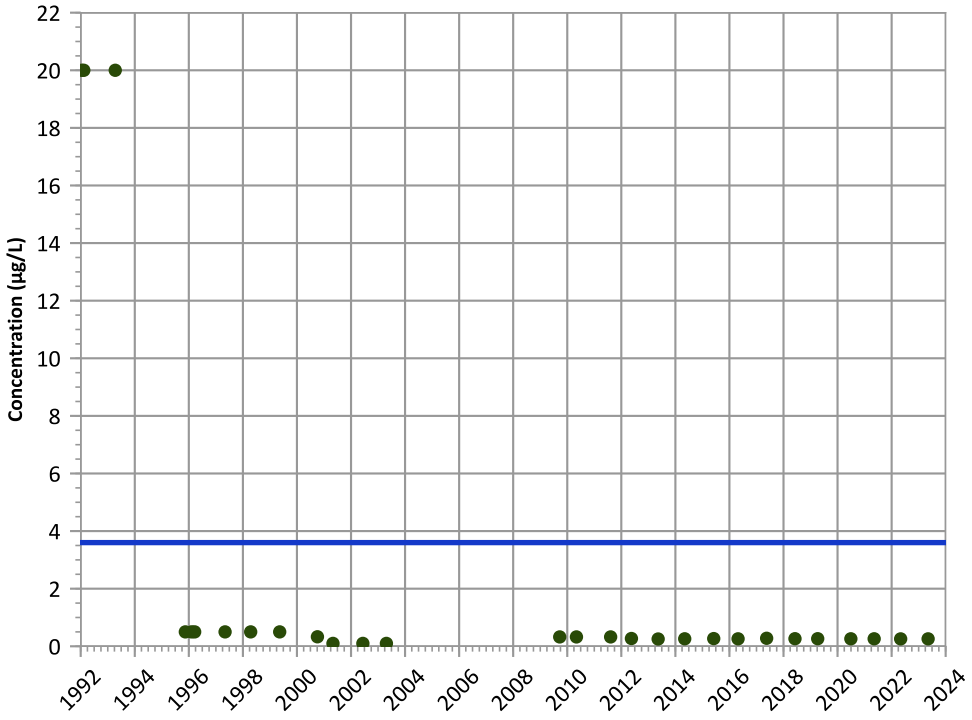
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

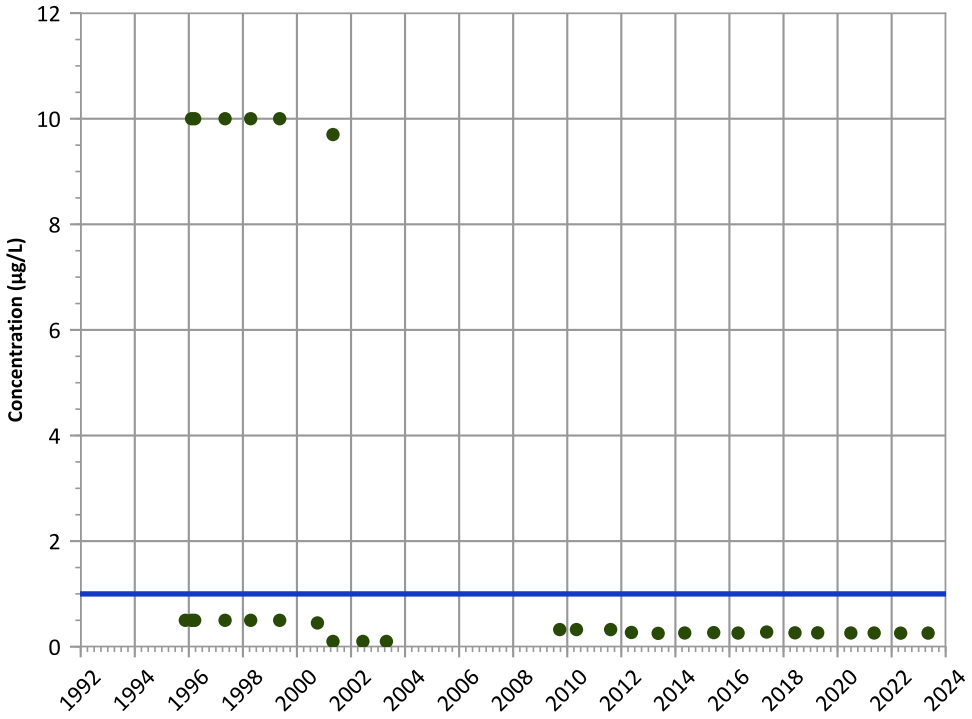
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



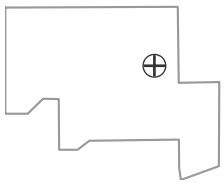
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

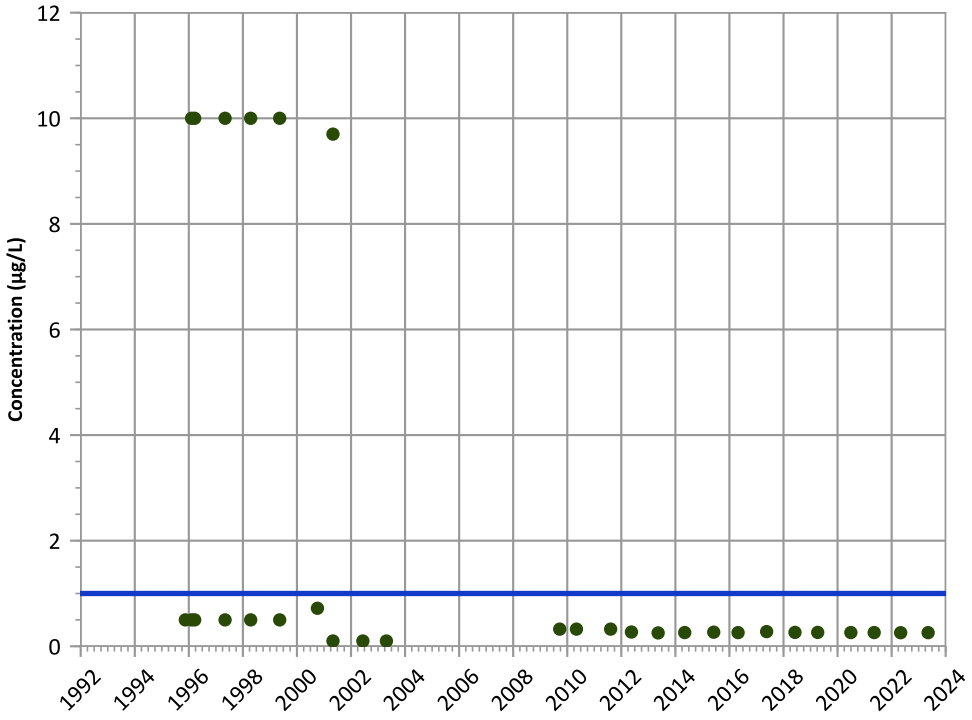
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



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

2,6-Dinitrotoluene Trend

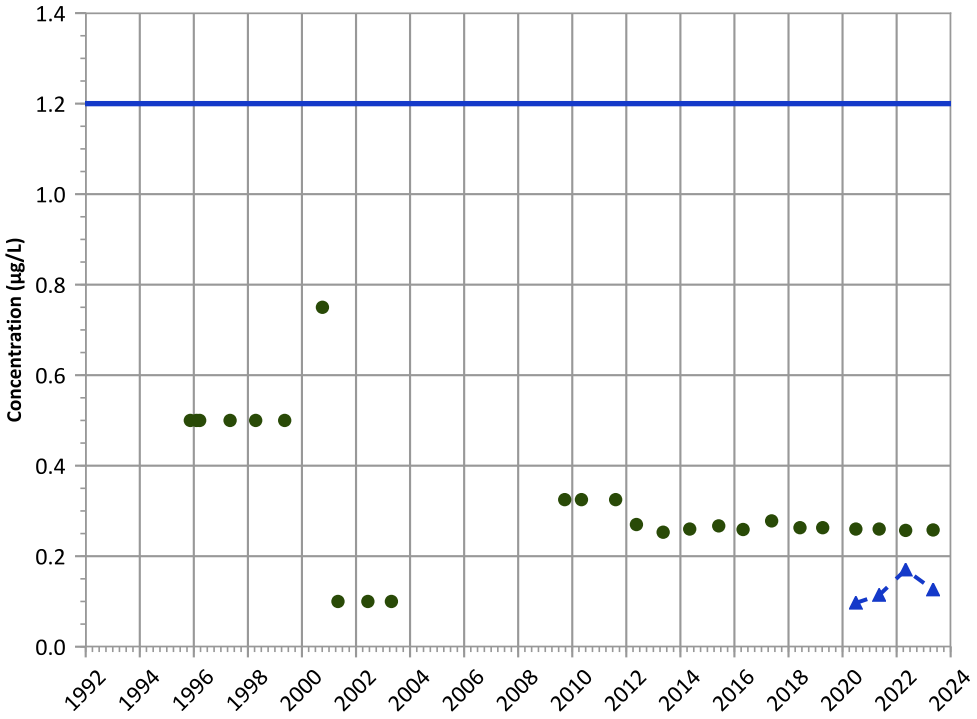


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

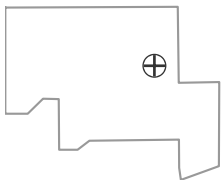
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

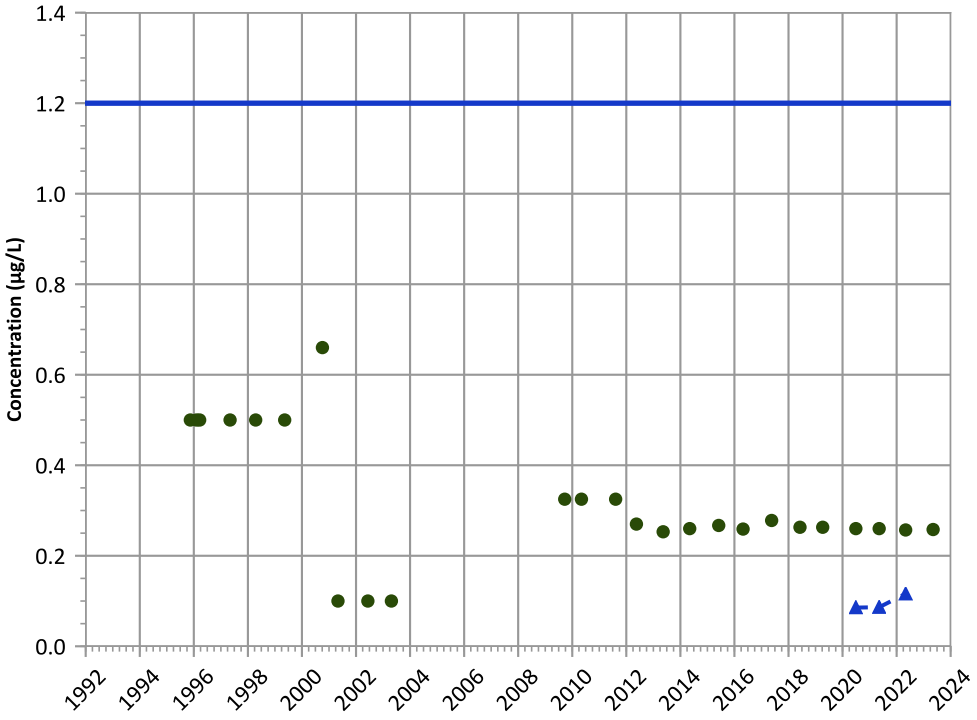
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

4-Amino-2,6-Dinitrotoluene Trend

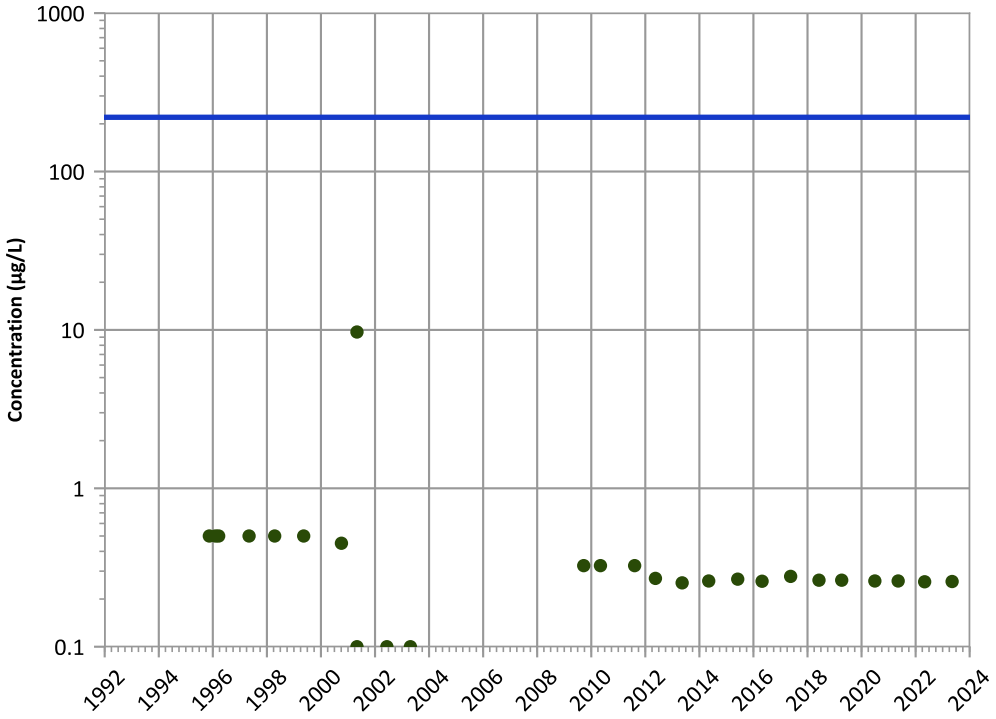


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

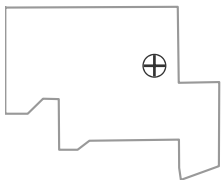
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

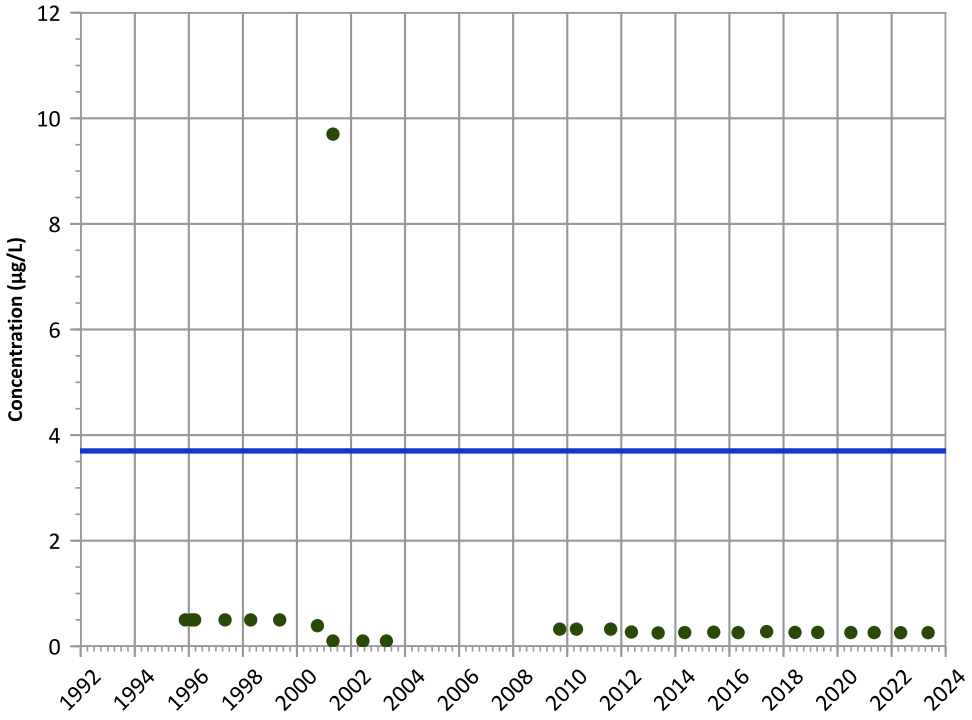
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

1,3-Dinitrobenzene Trend

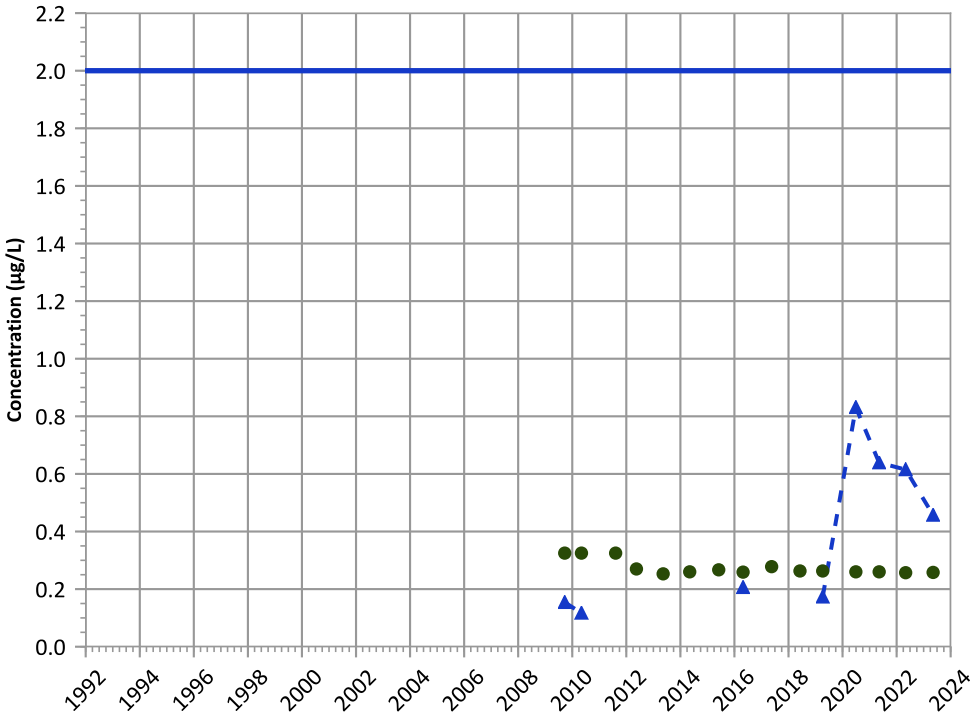


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

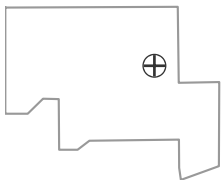
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

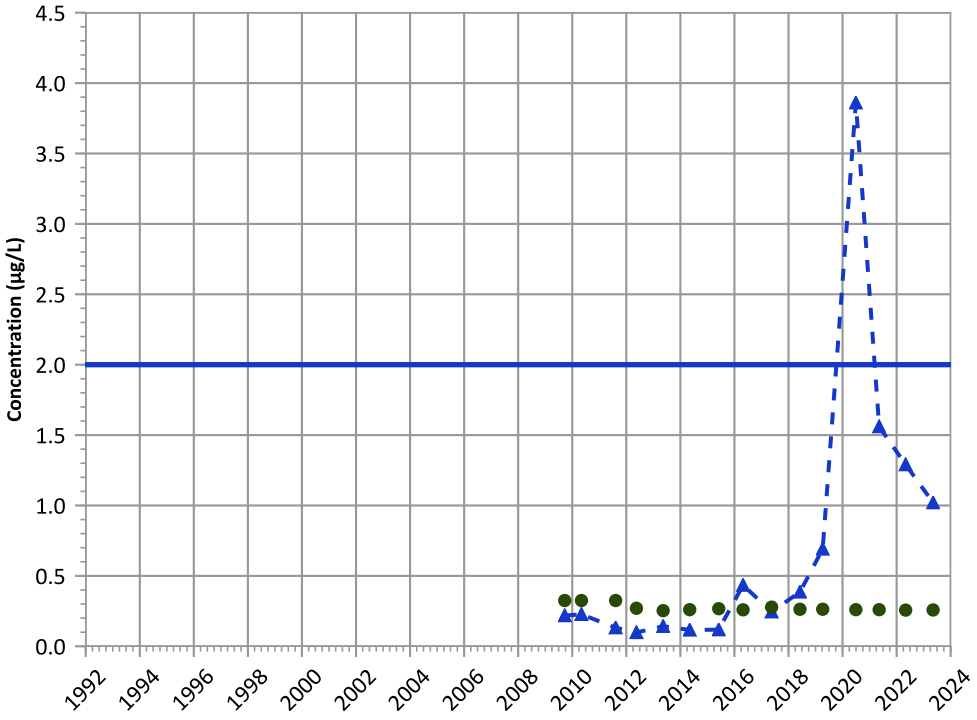
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

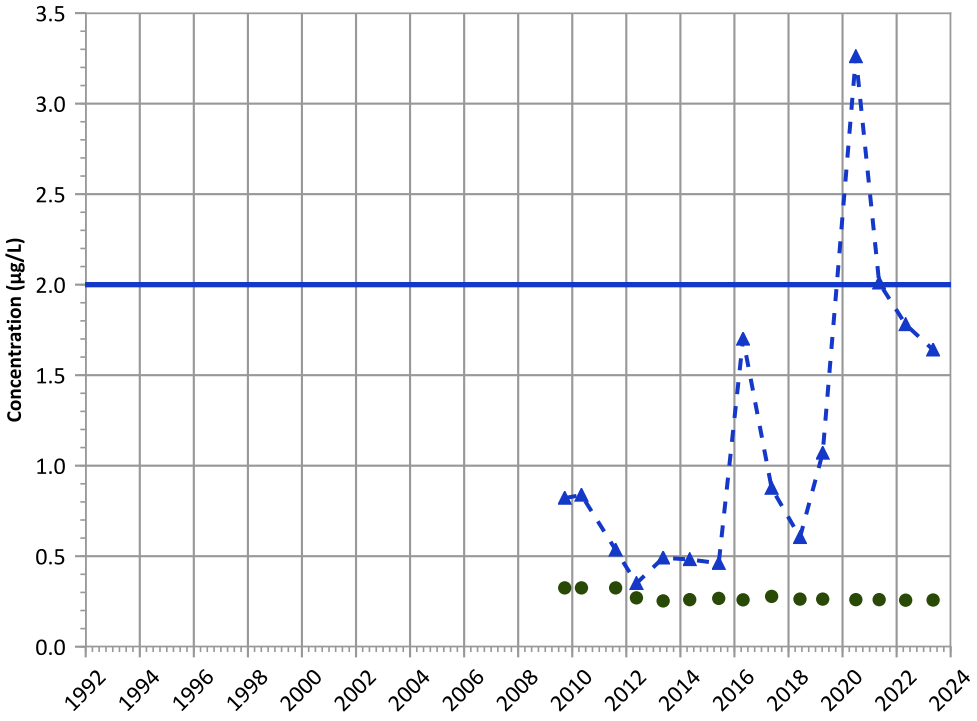


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

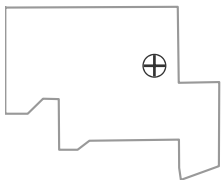
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

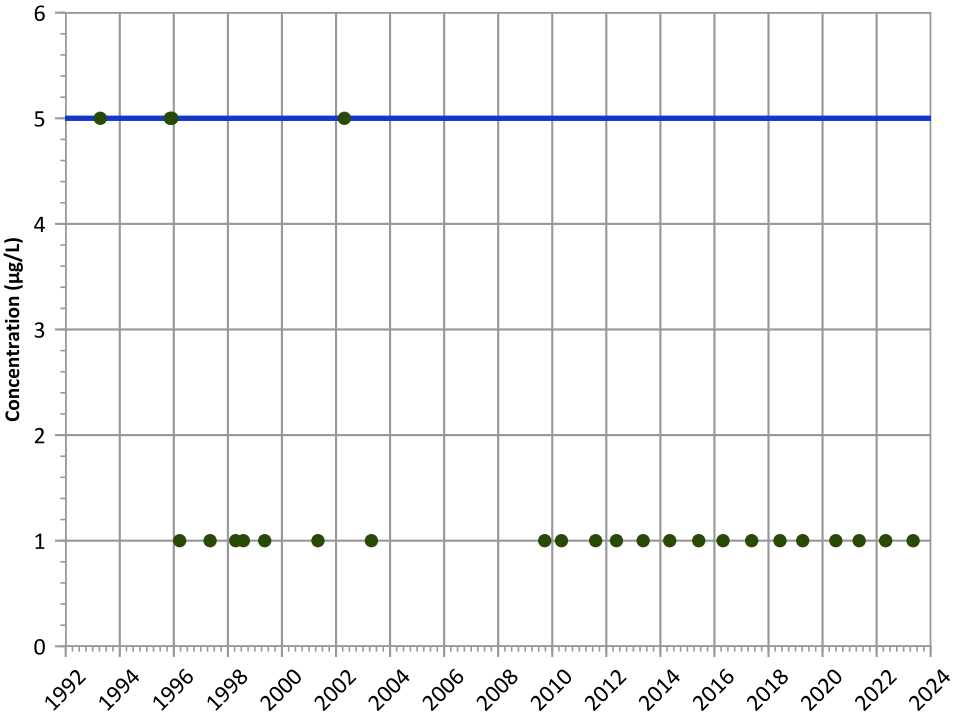
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



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

Tetrachloroethylene (PCE) Trend

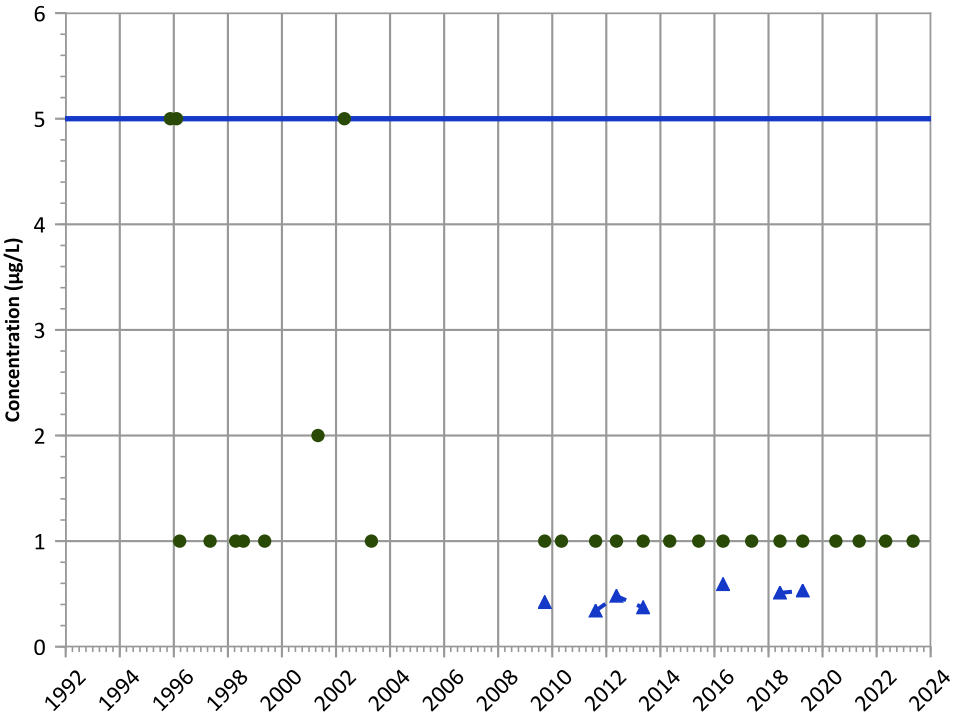


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend

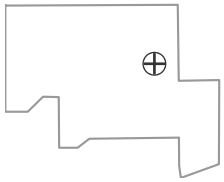


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Well Location

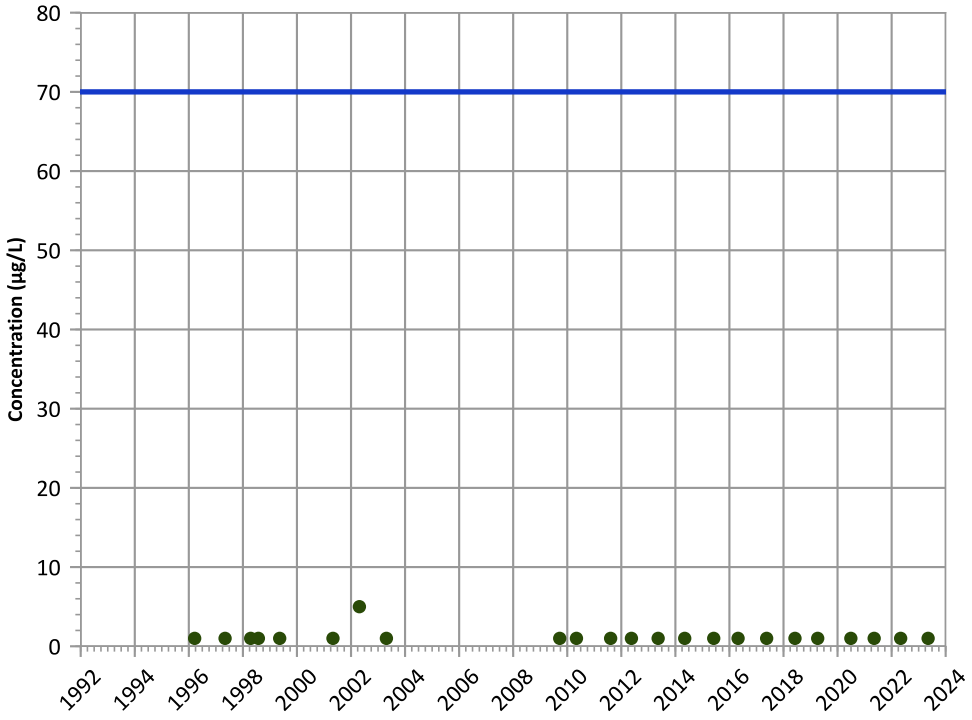


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

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

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

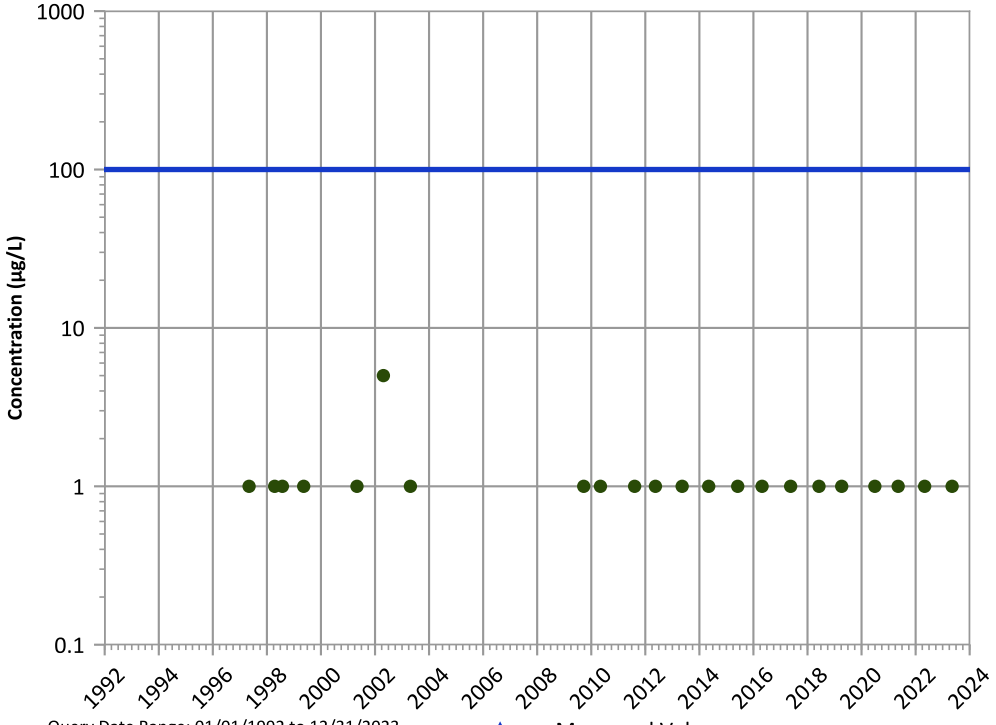
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



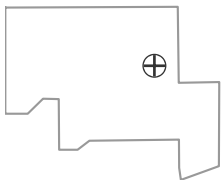
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

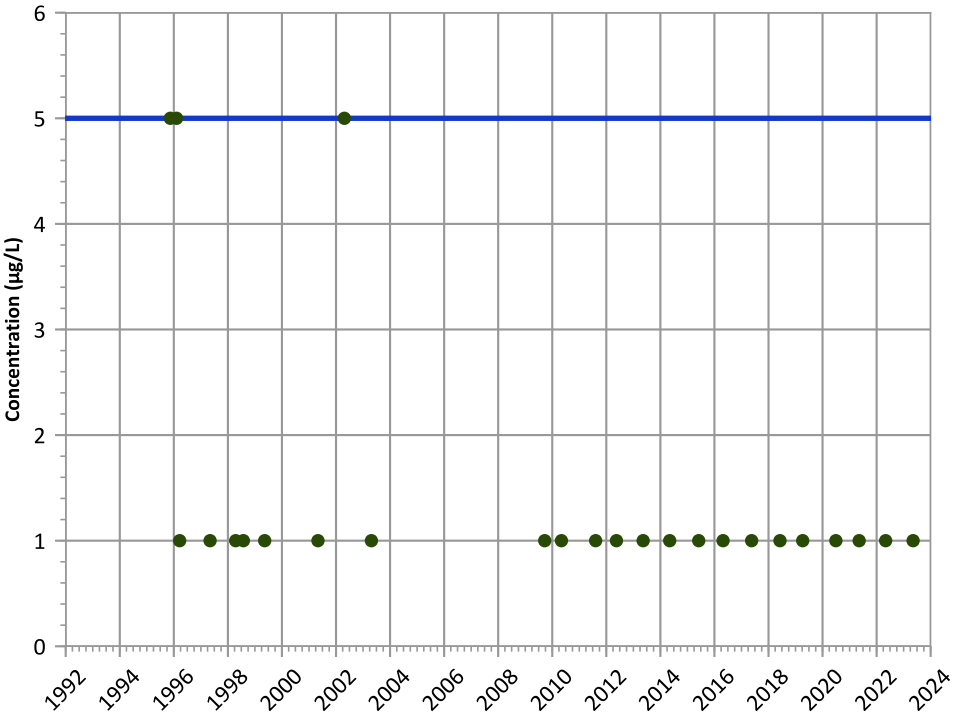
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

1,2-Dichloroethane Trend

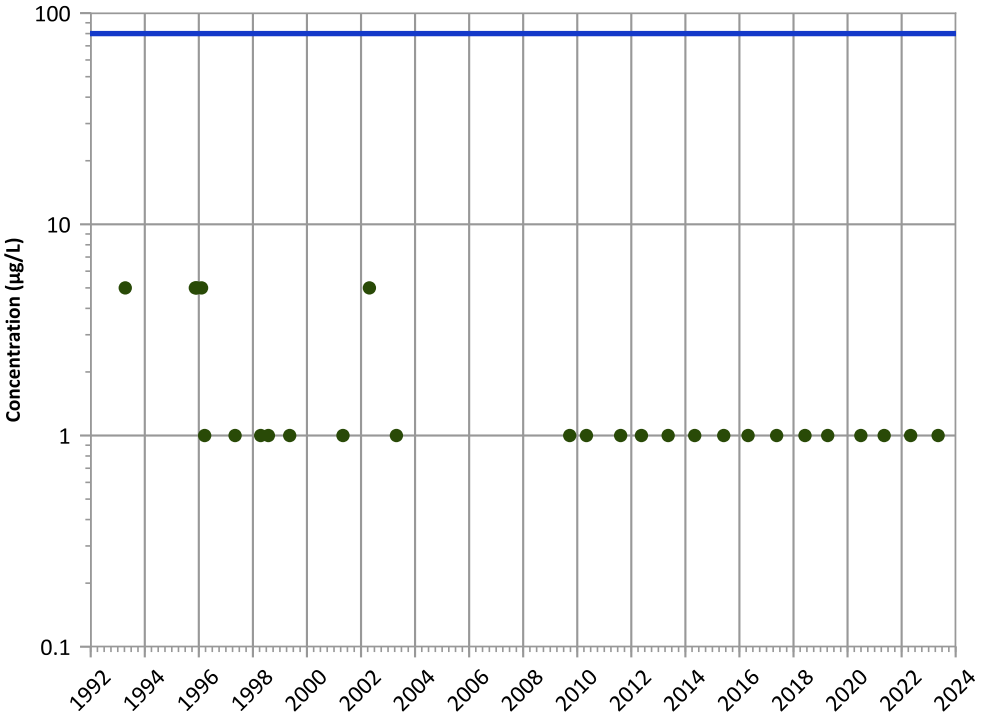


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

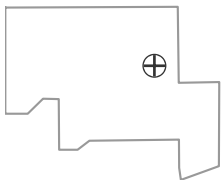
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

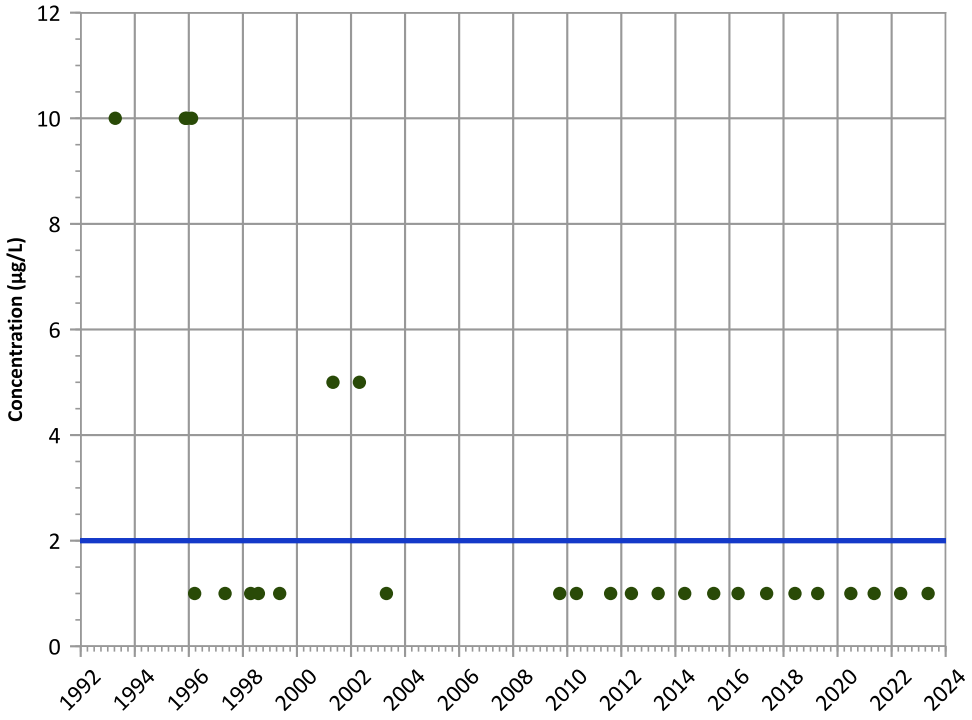
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



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

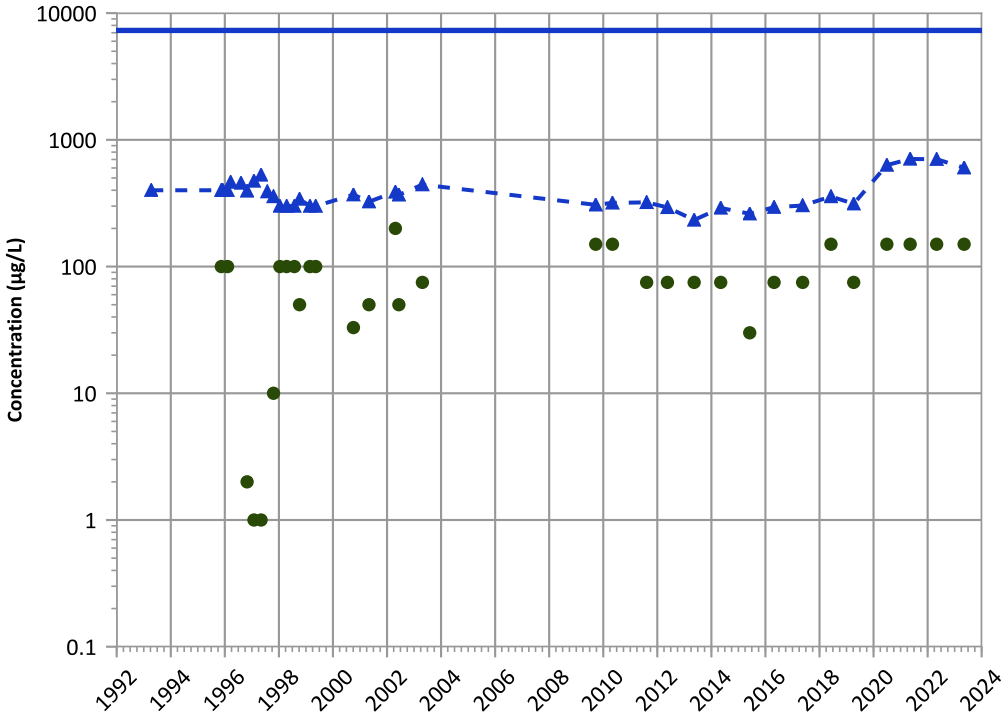
Vinyl Chloride Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



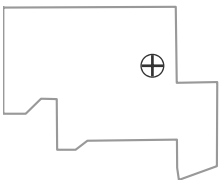
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

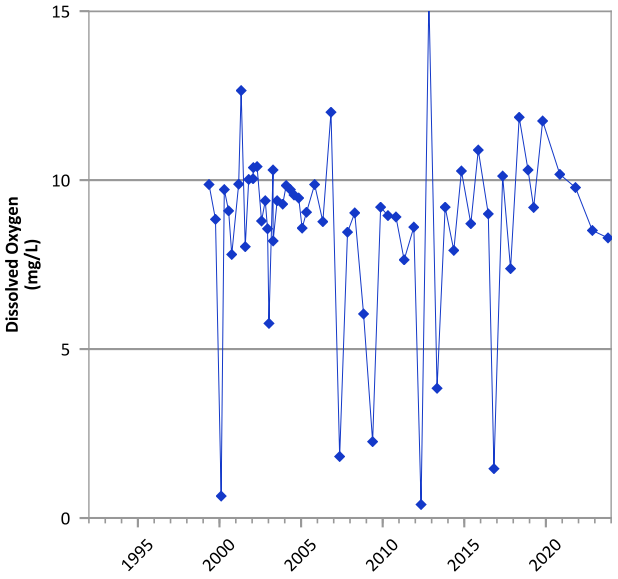
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/16/1992 to 05/09/2023
Analysis Date: 04/01/2024

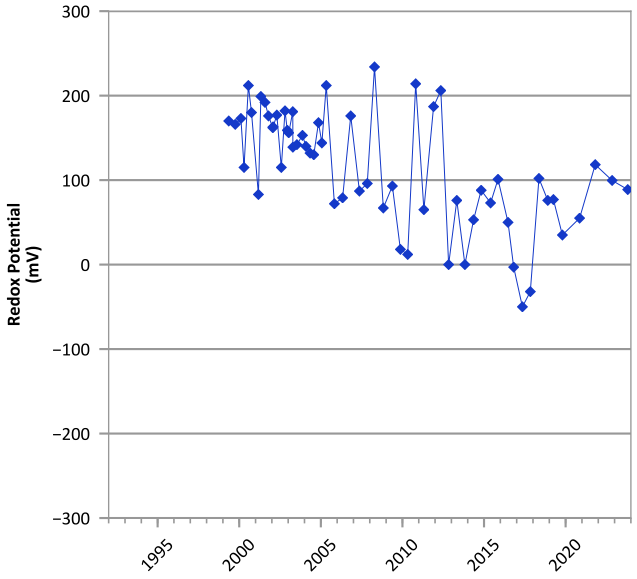
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

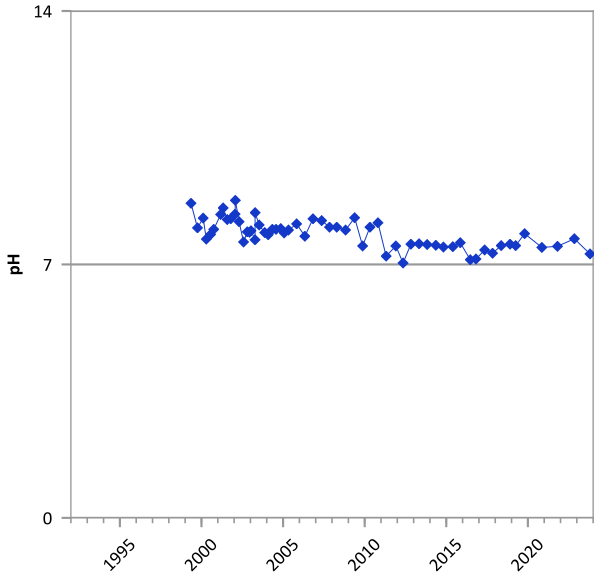
Well Location

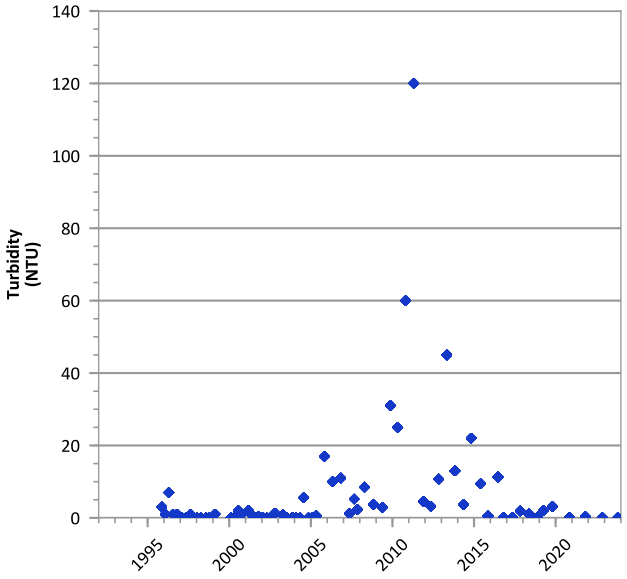


PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

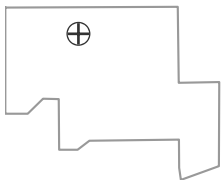






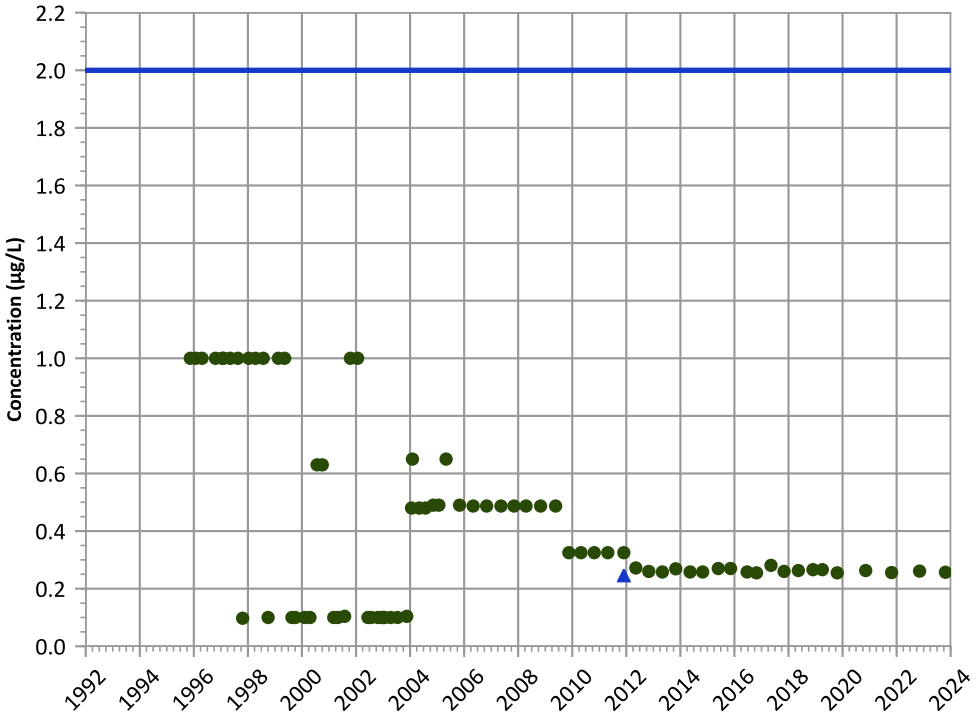


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

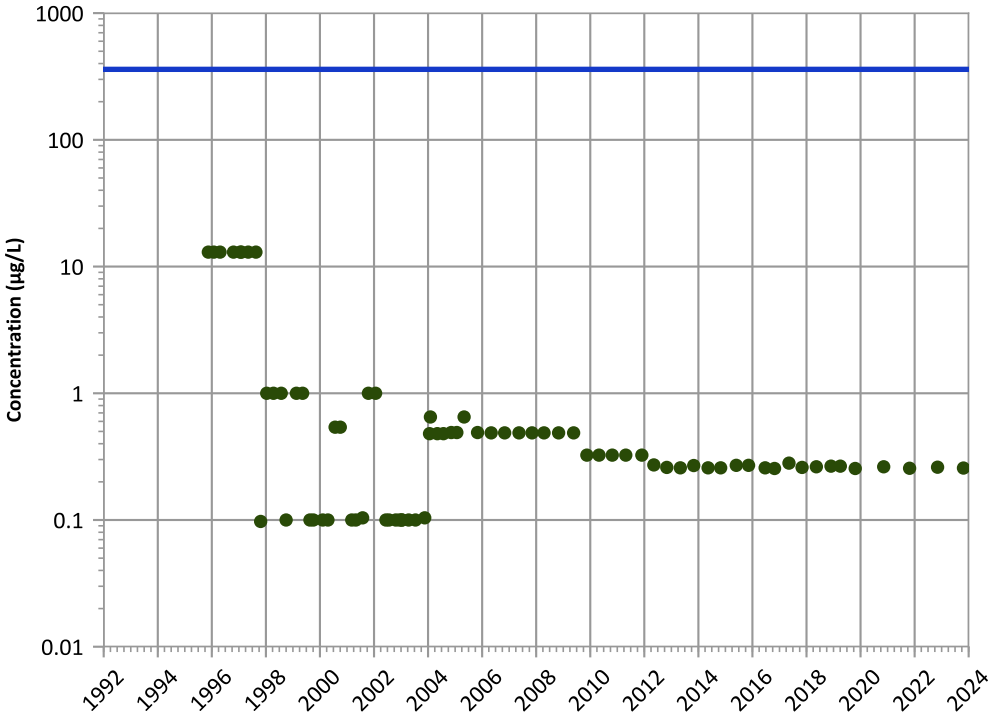


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

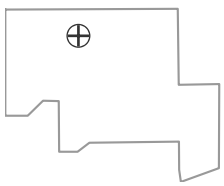
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

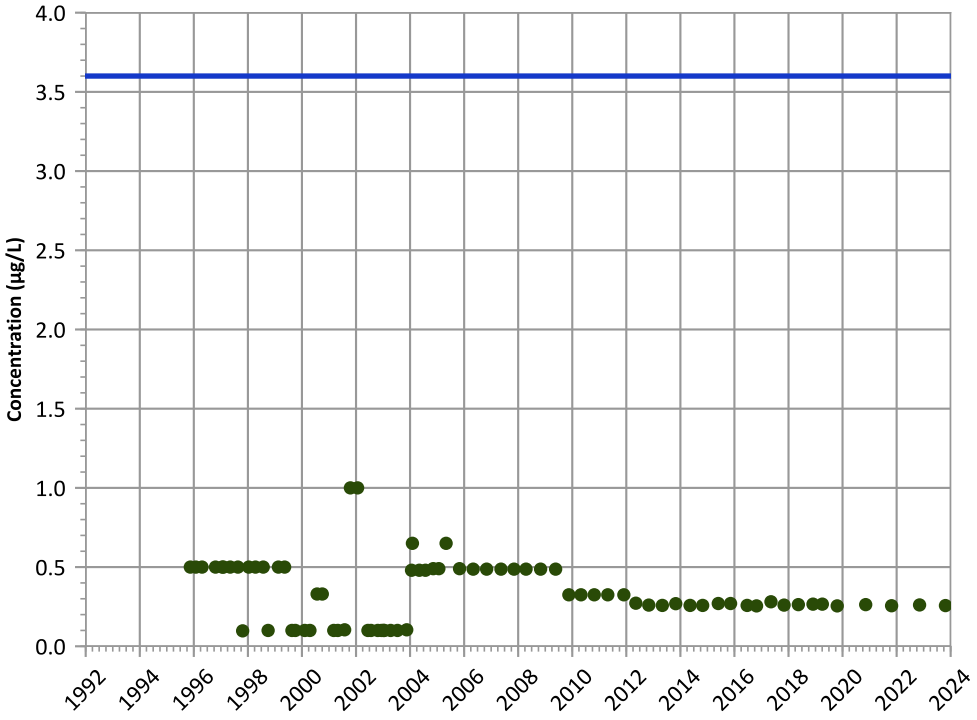
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

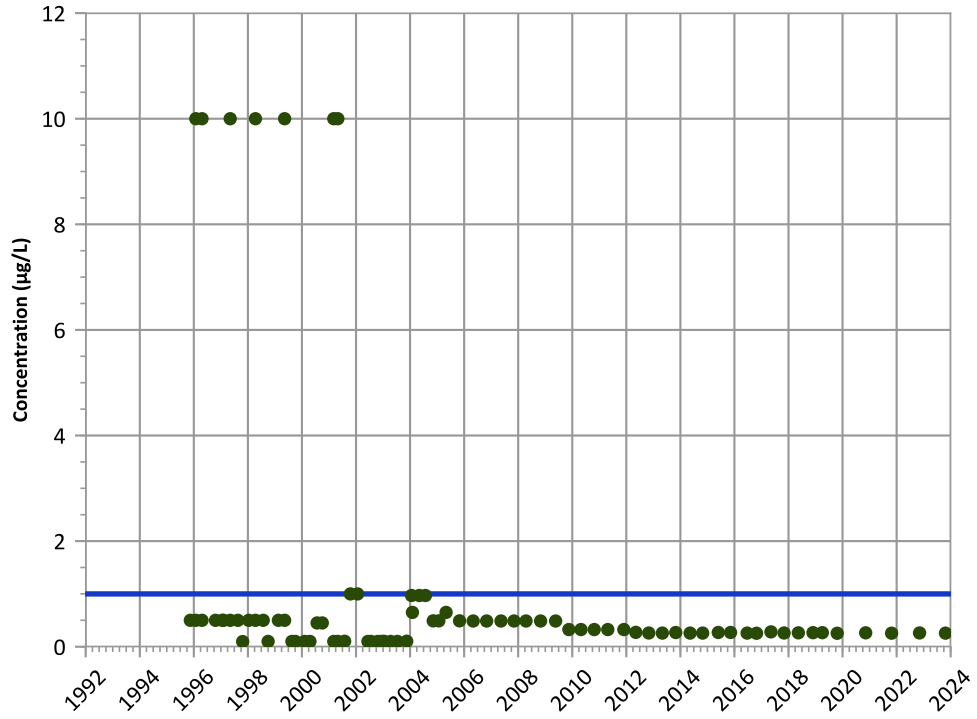


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

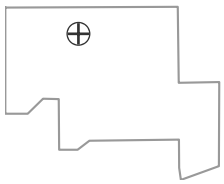
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

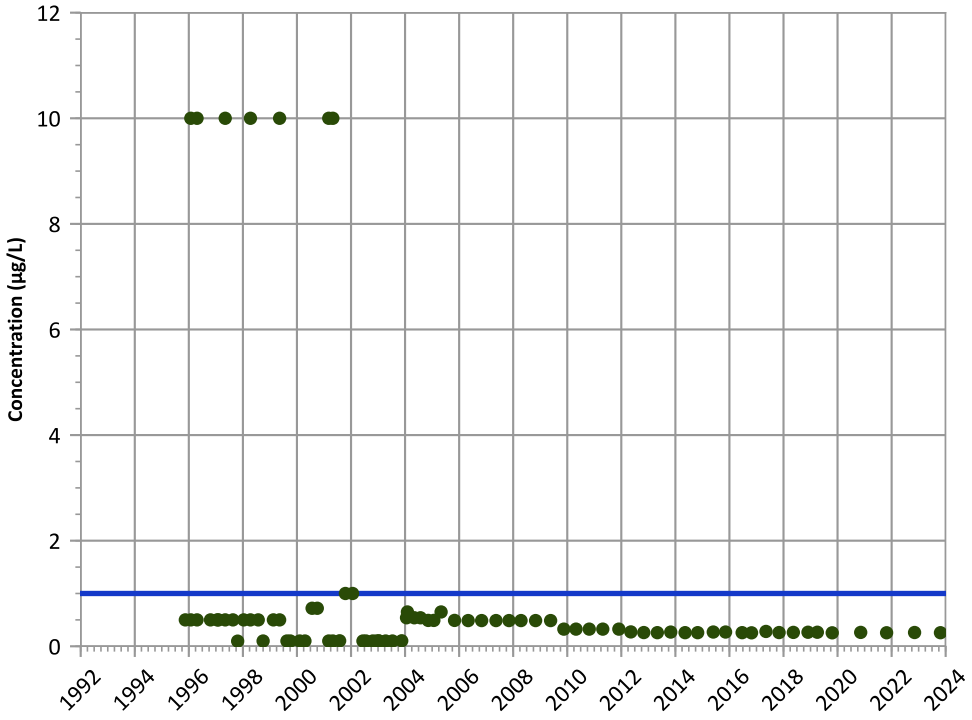
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

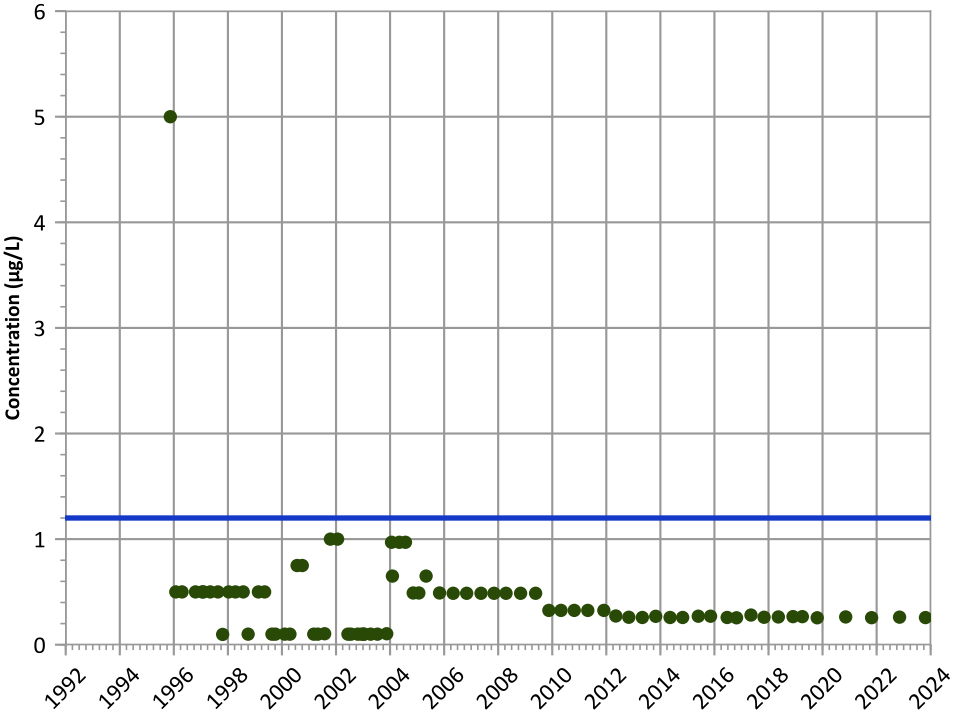


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

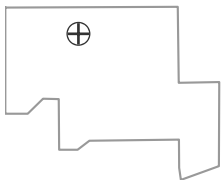
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

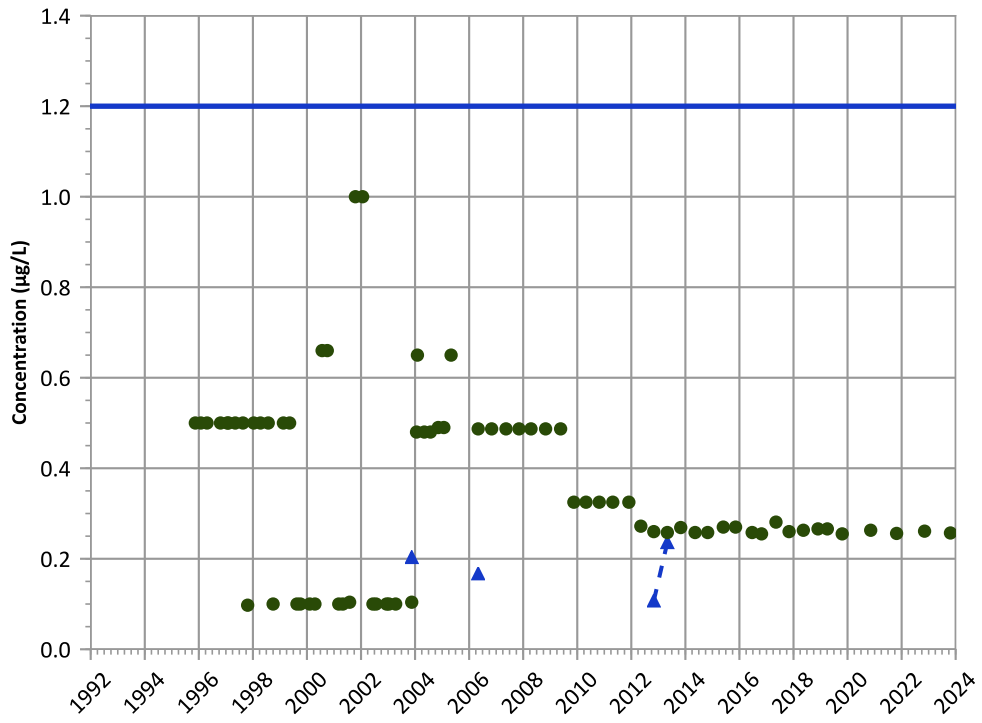
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

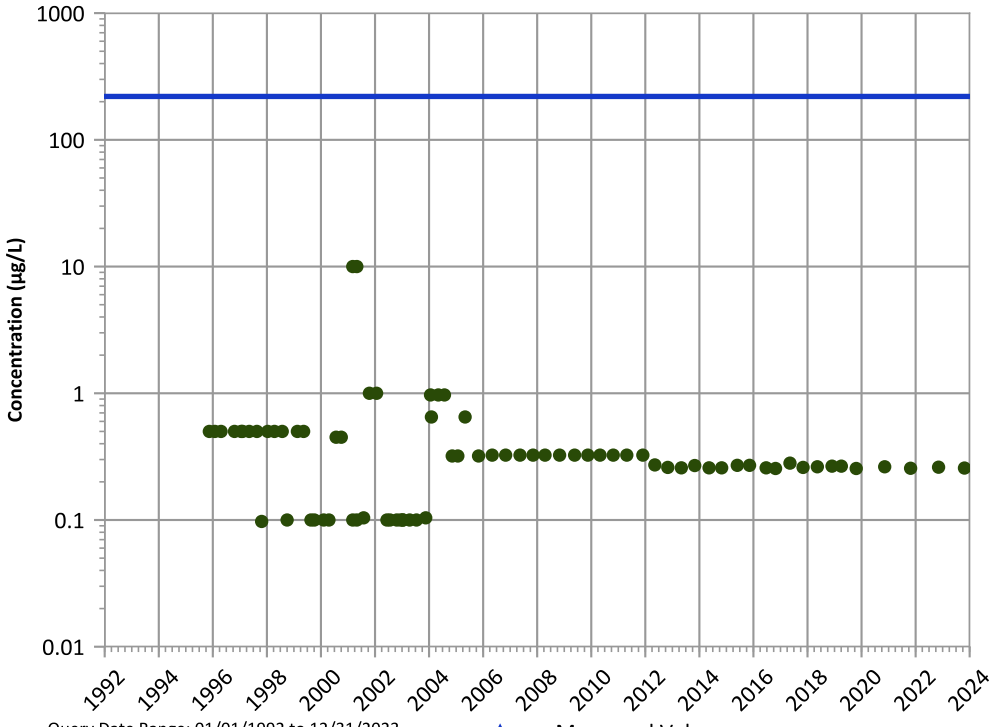


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

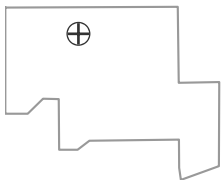
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

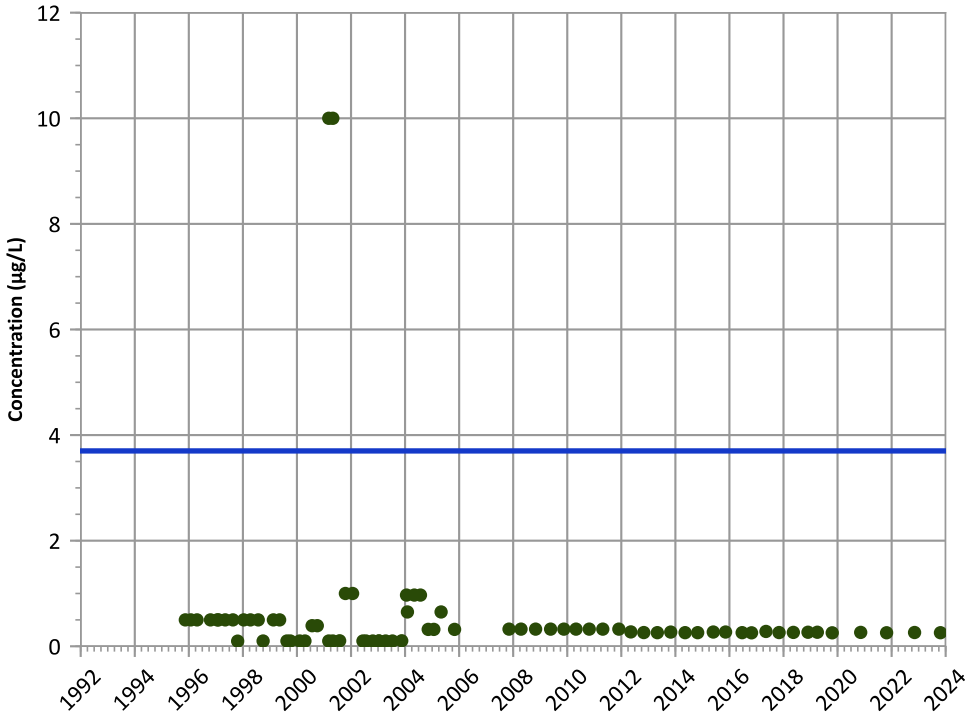
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

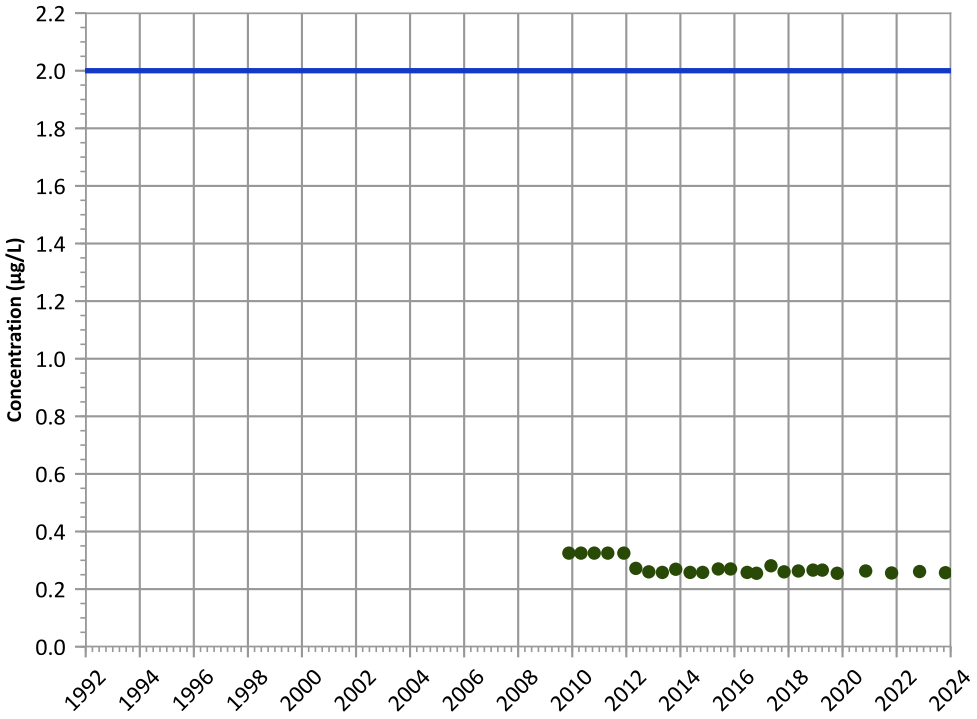


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

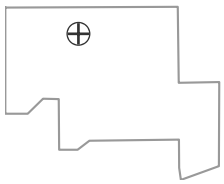
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

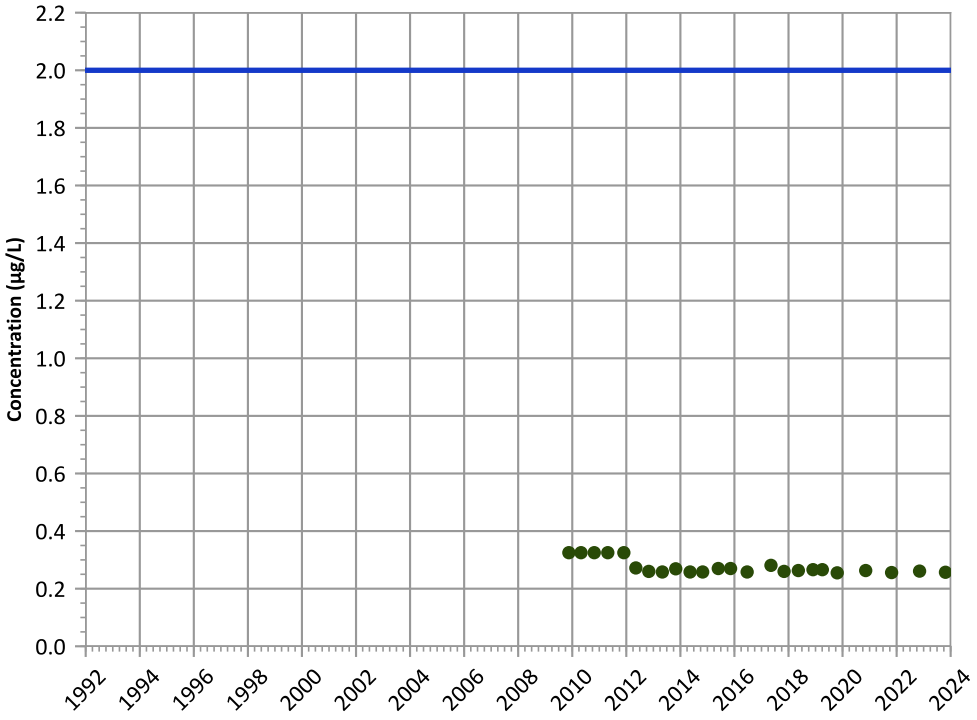
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

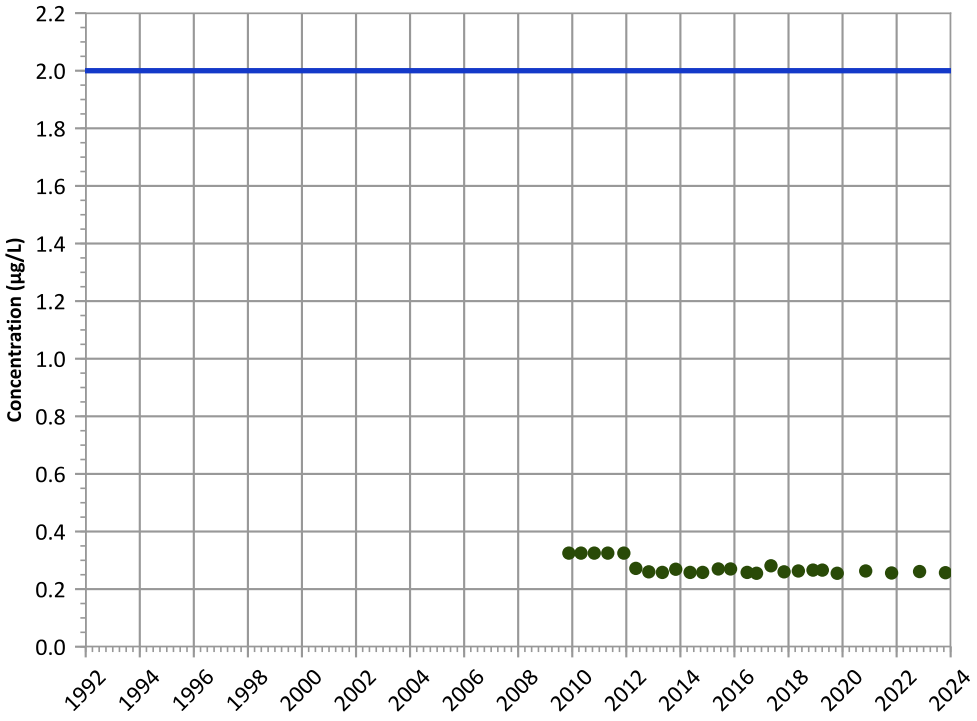


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

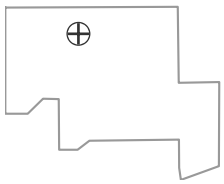
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

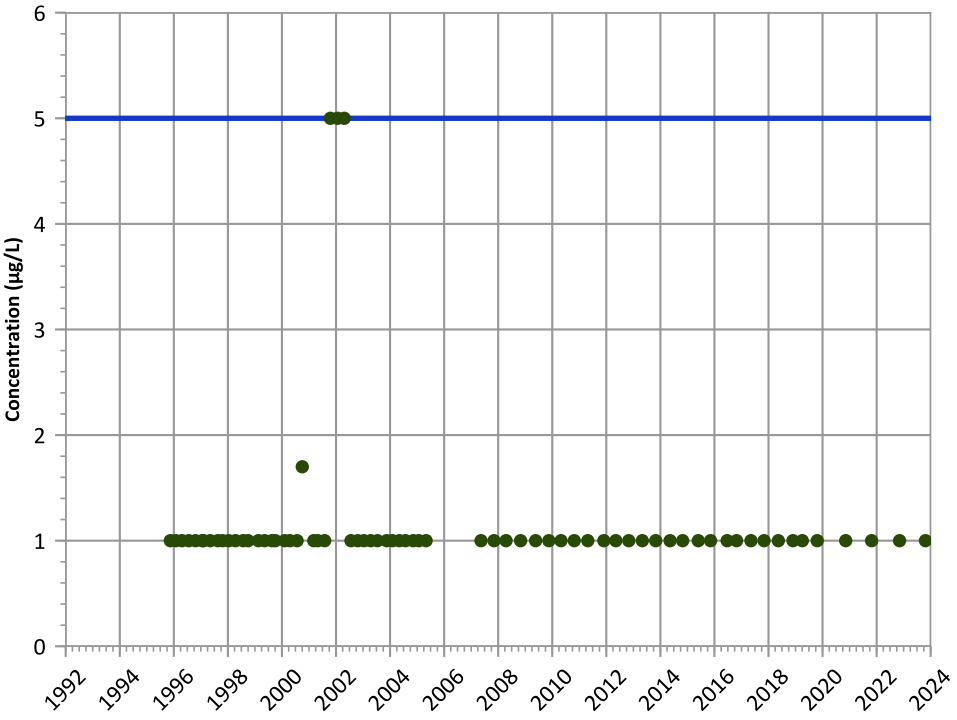
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

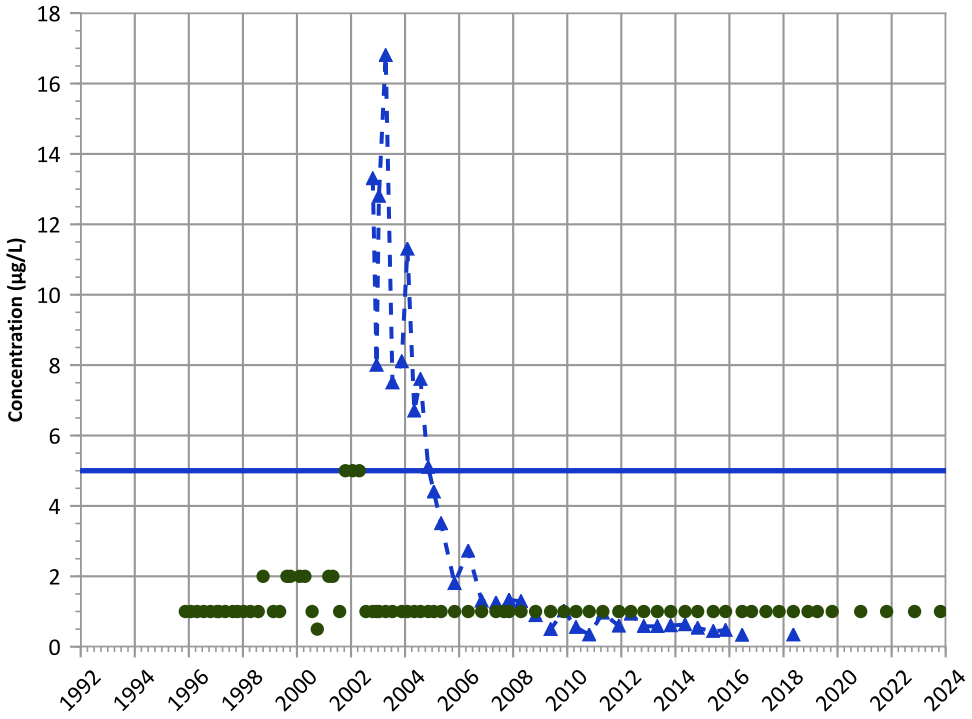


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

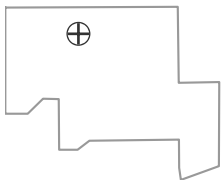
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

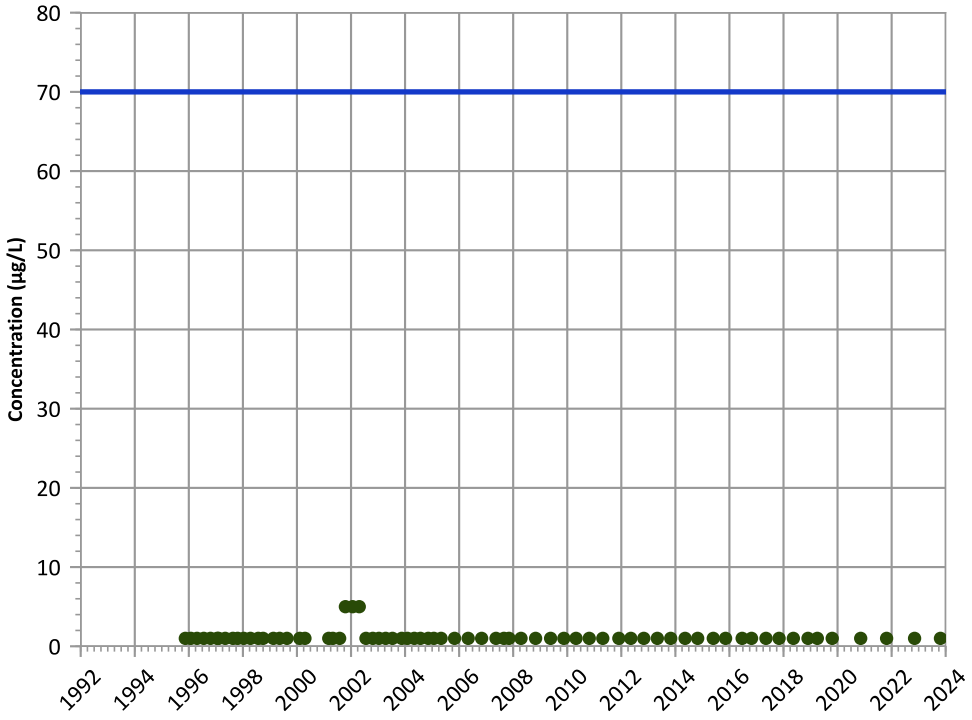
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

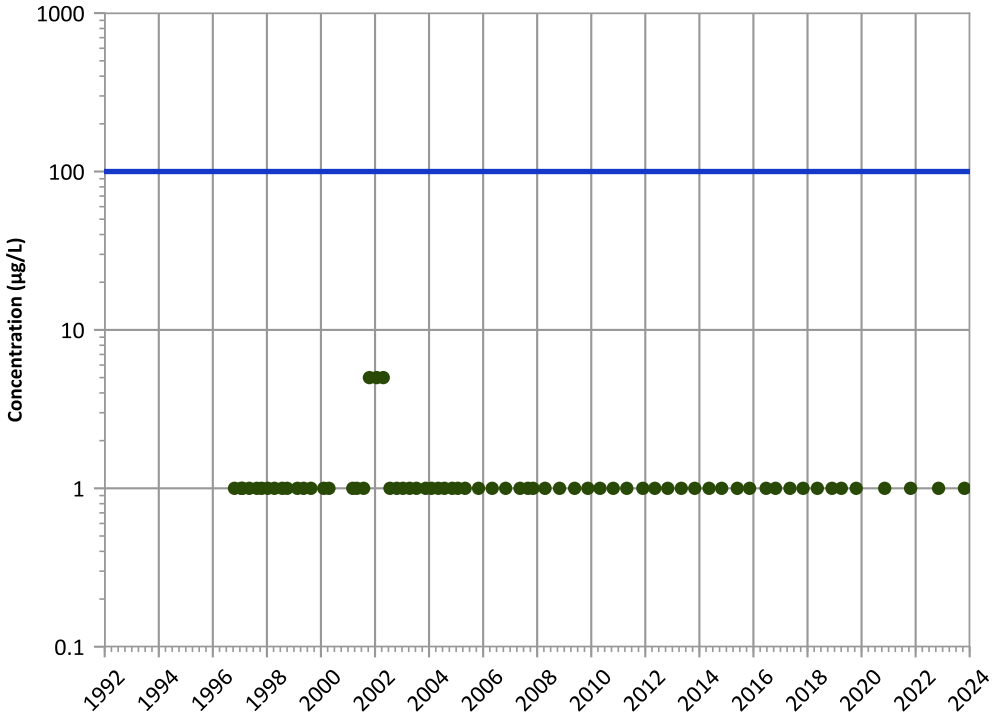
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



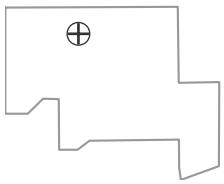
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

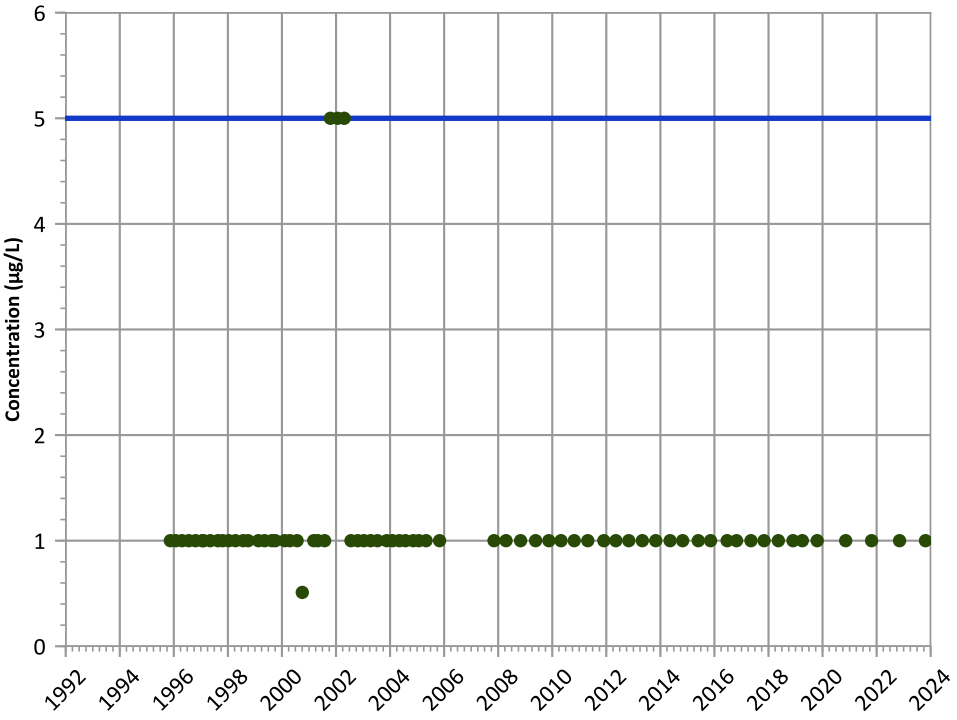
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

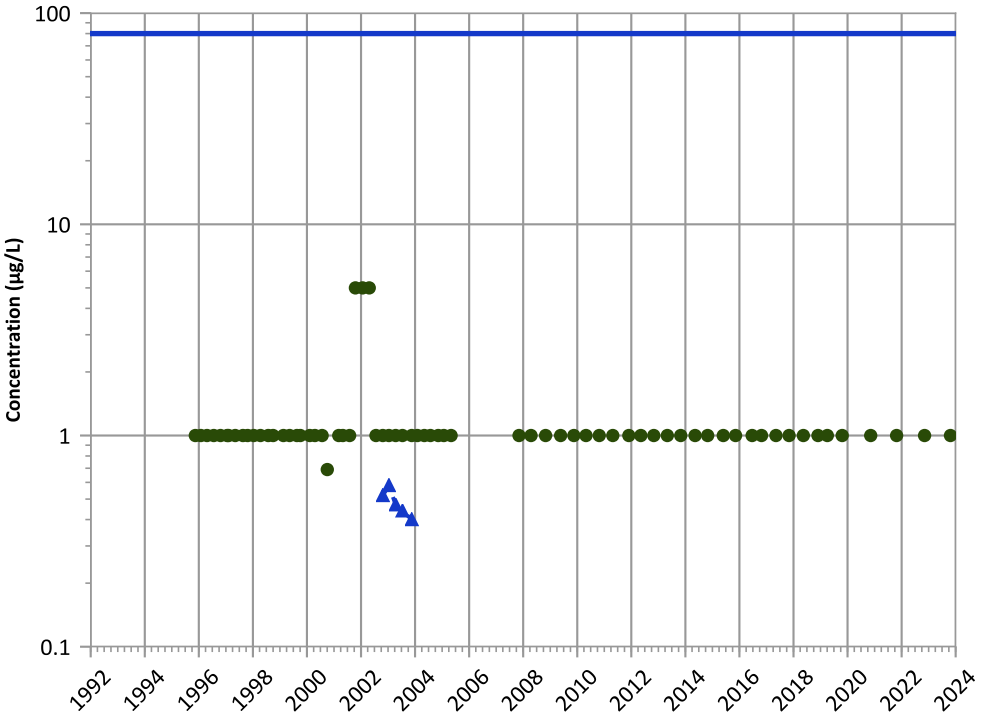


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

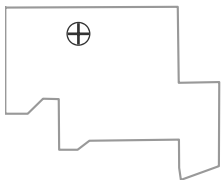
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

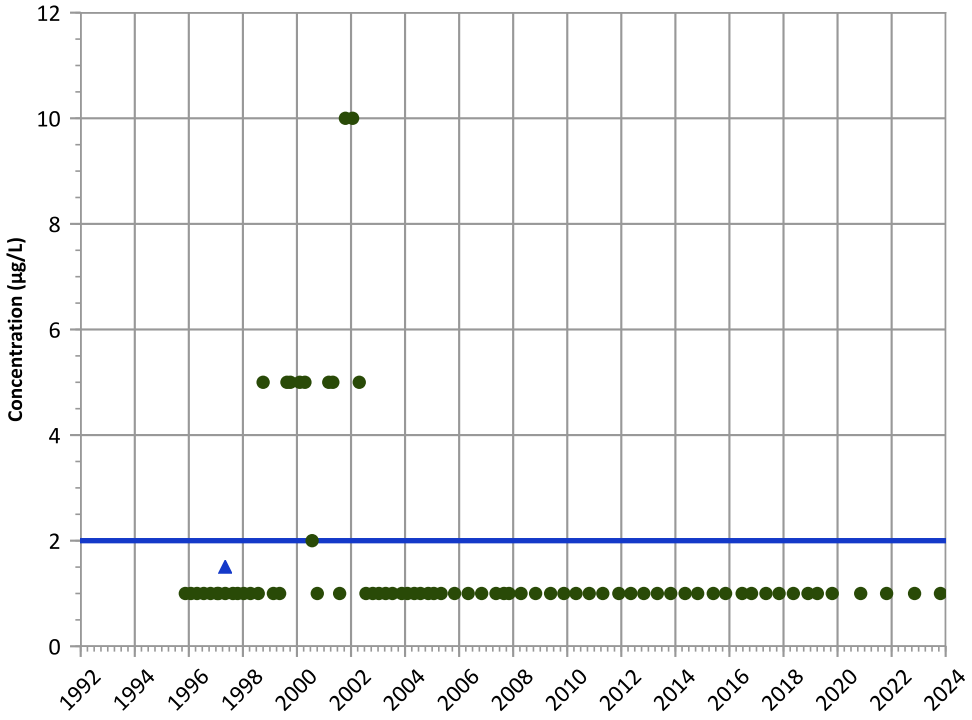
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

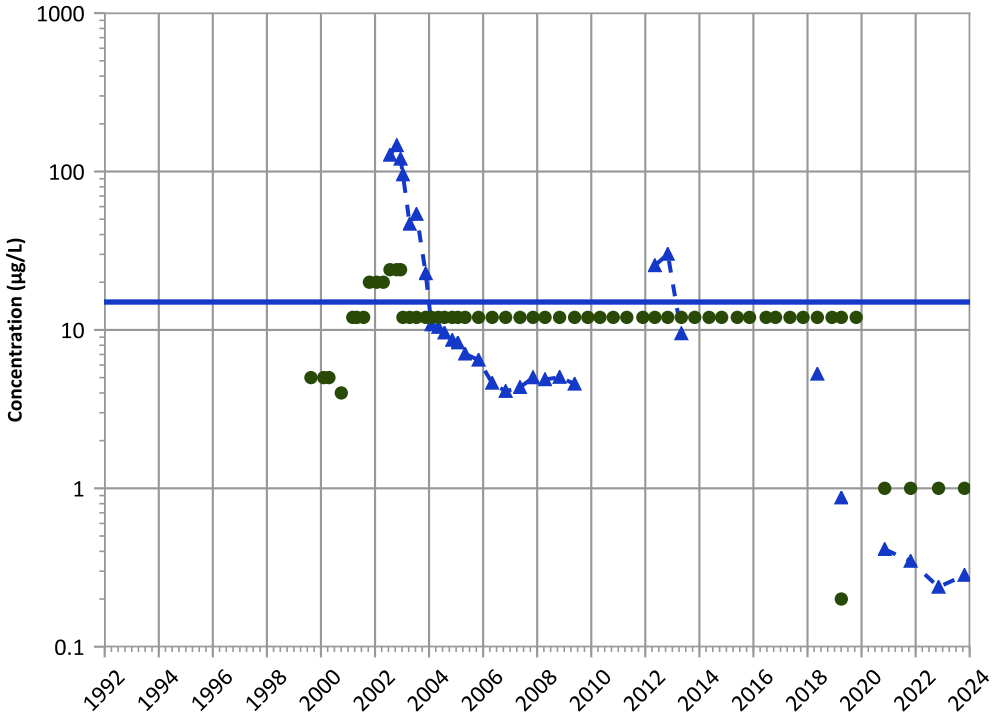


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

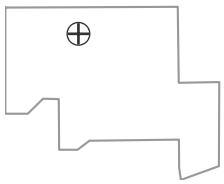
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

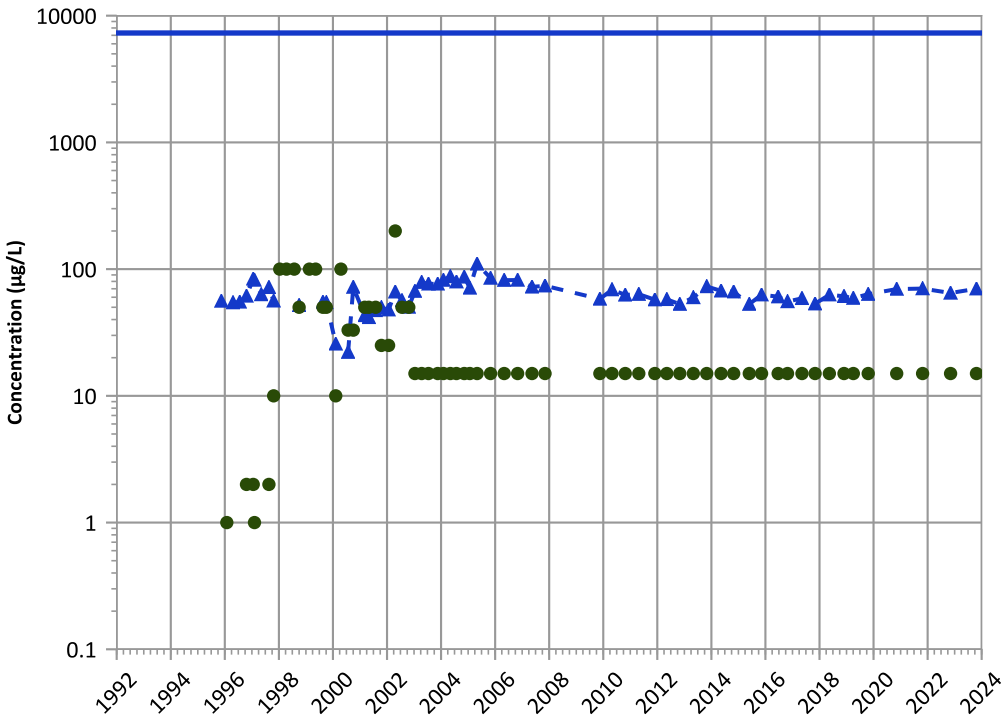
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

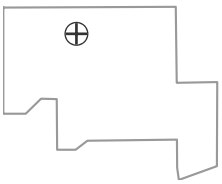
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

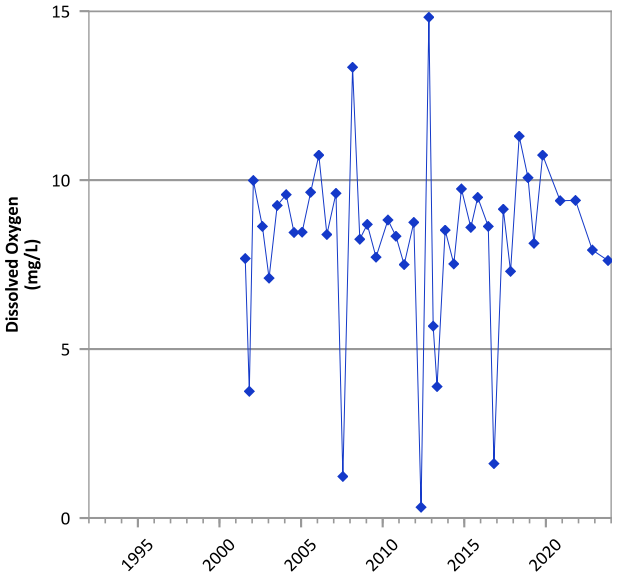
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/15/1995 to 10/23/2023
Analysis Date: 04/01/2024

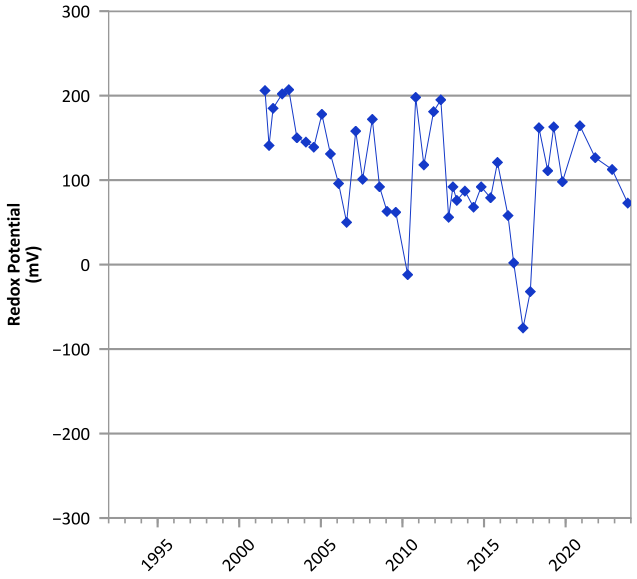
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

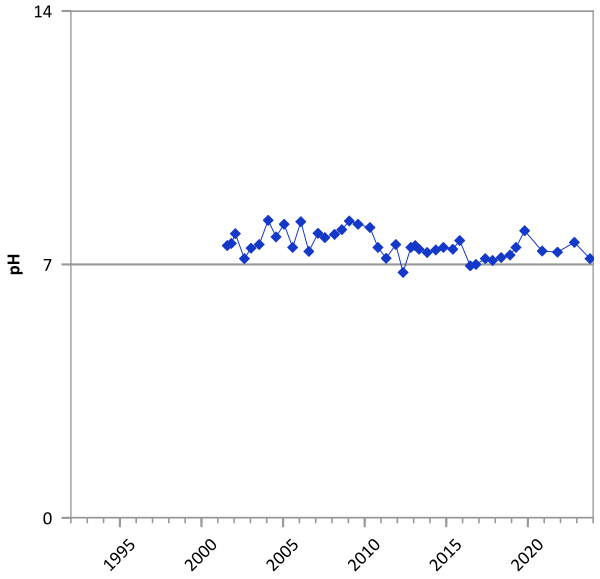
Well Location

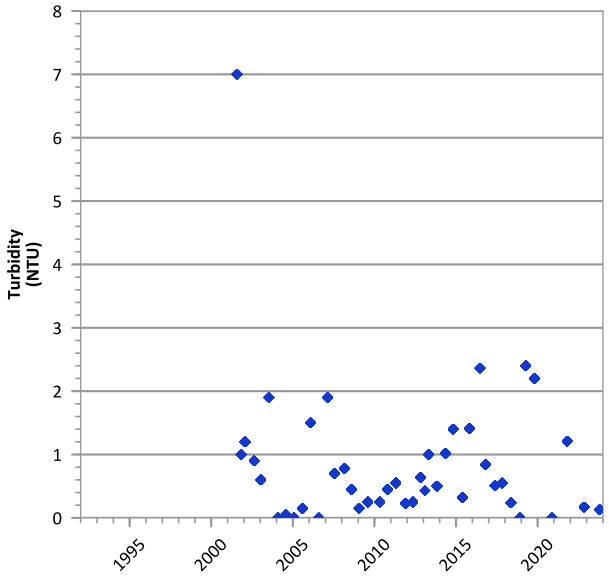


PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

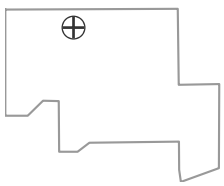






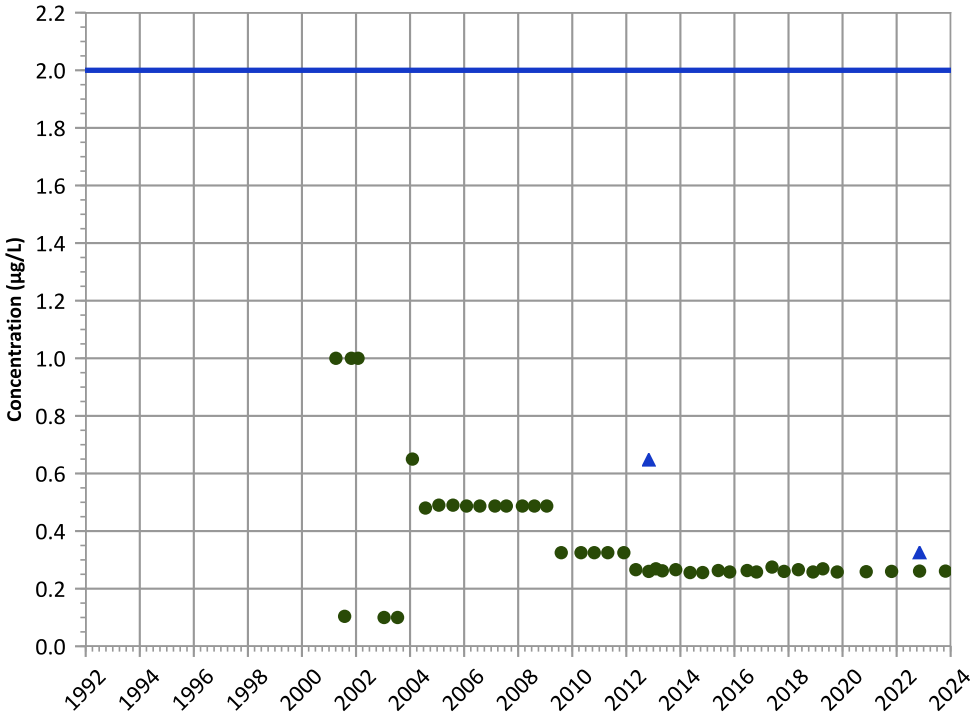


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

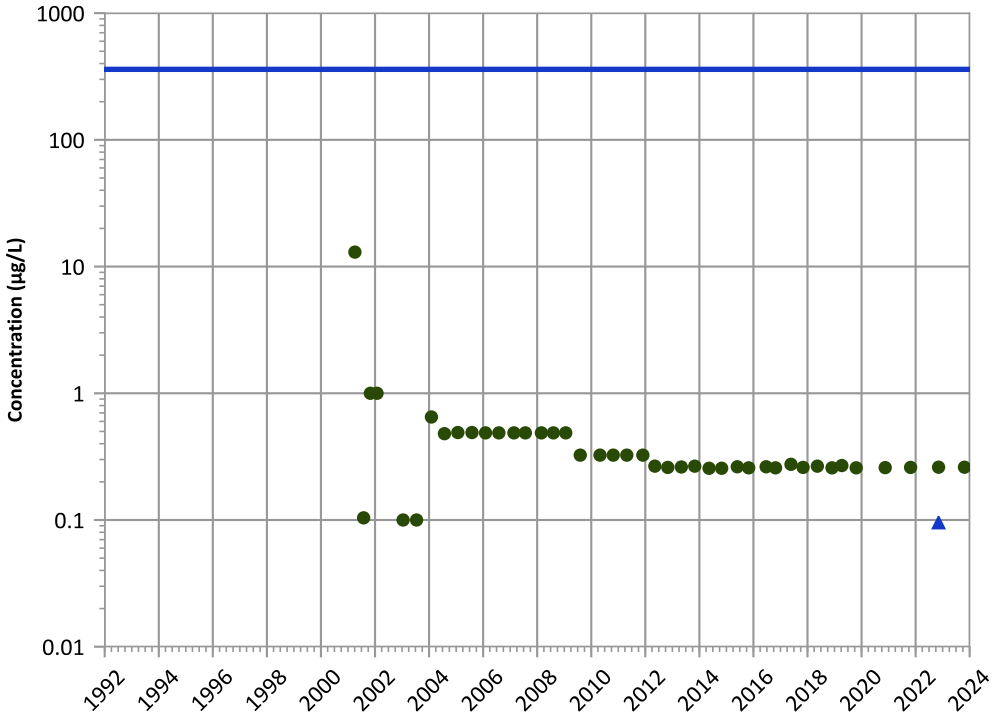


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

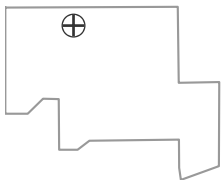
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

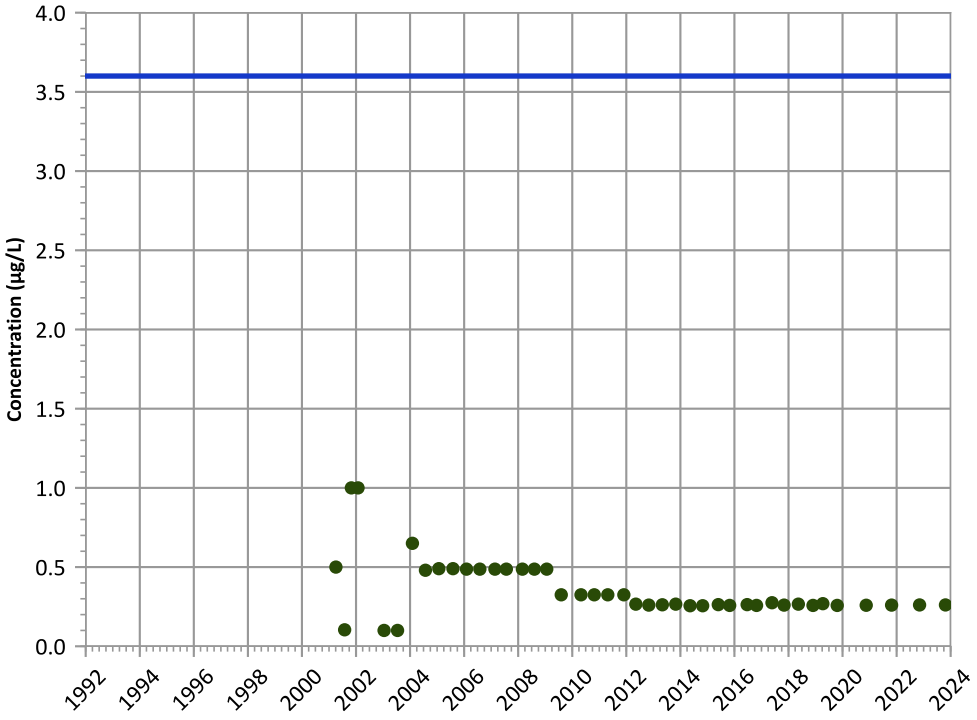
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

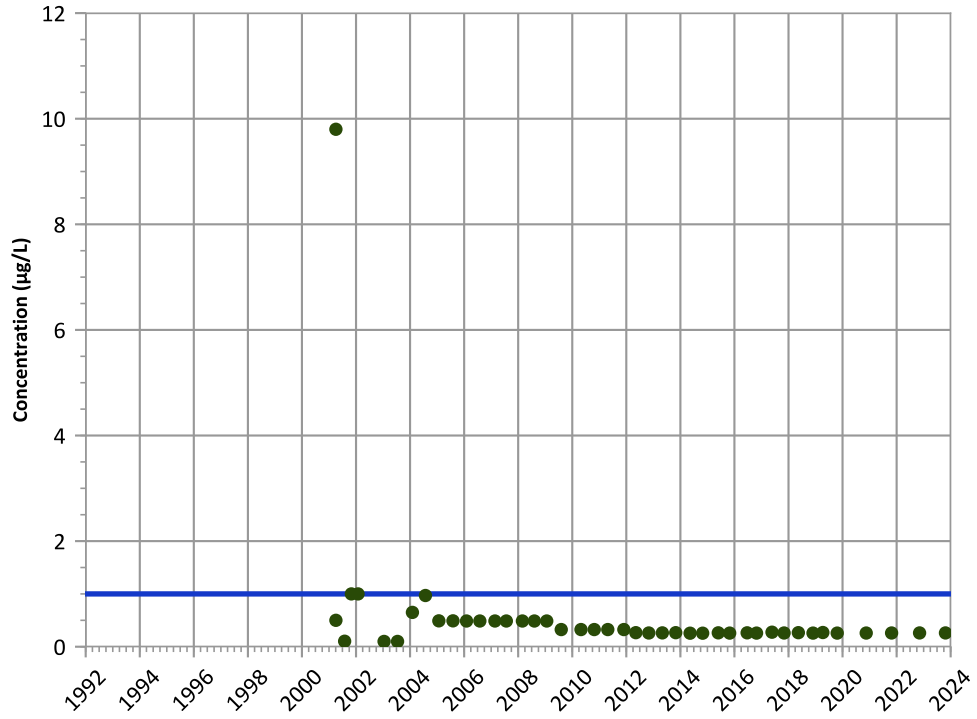


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

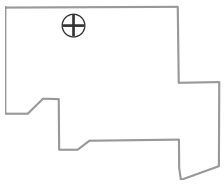
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

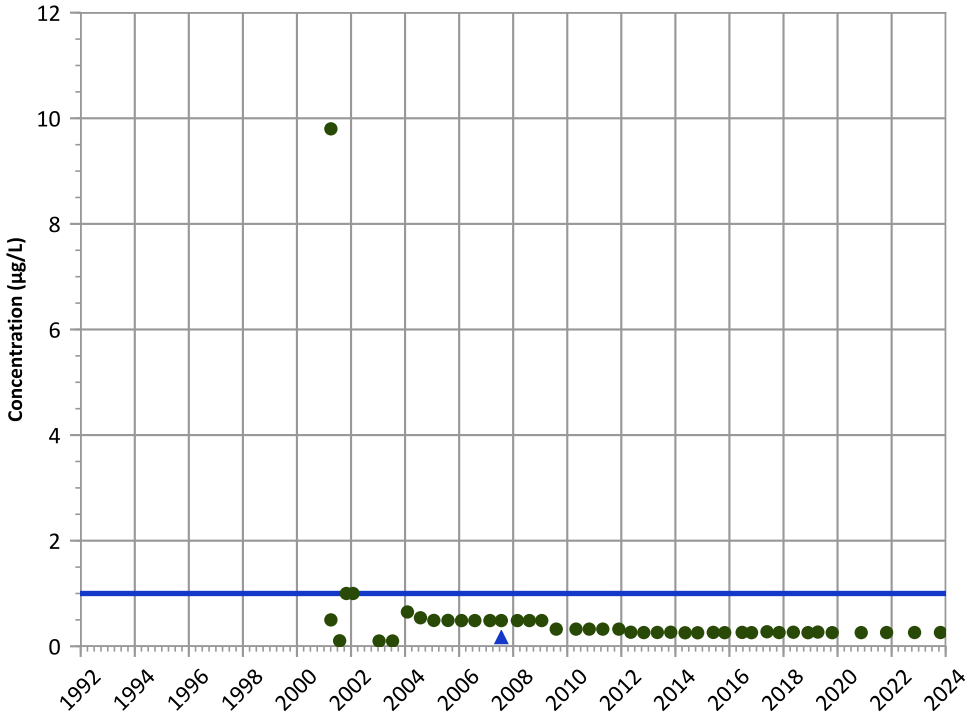
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

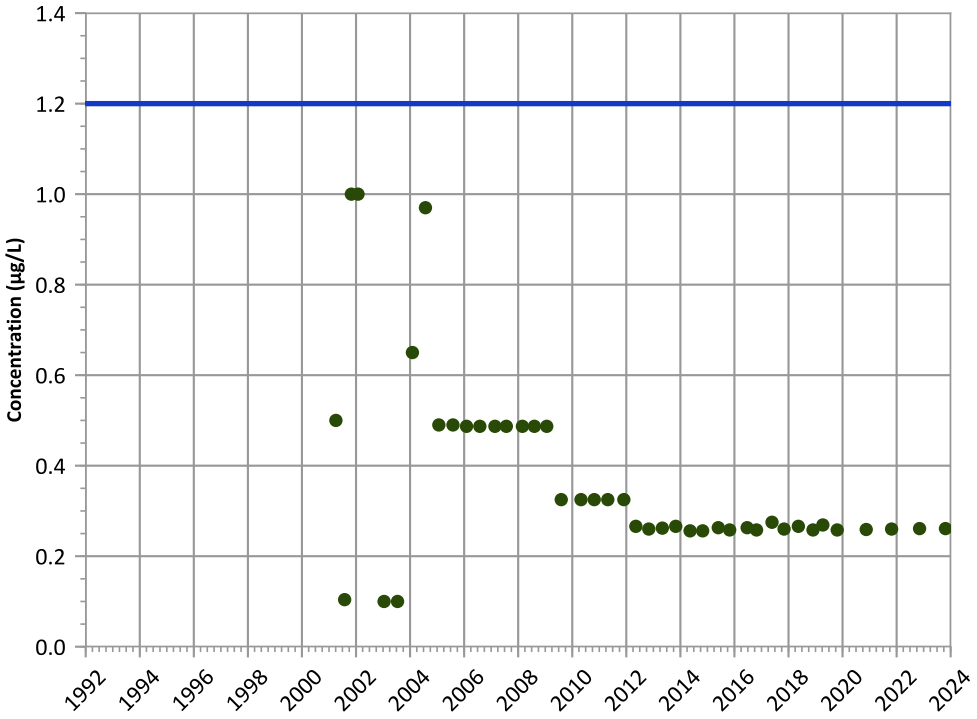


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

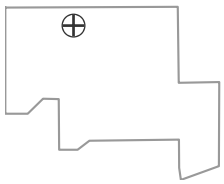
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

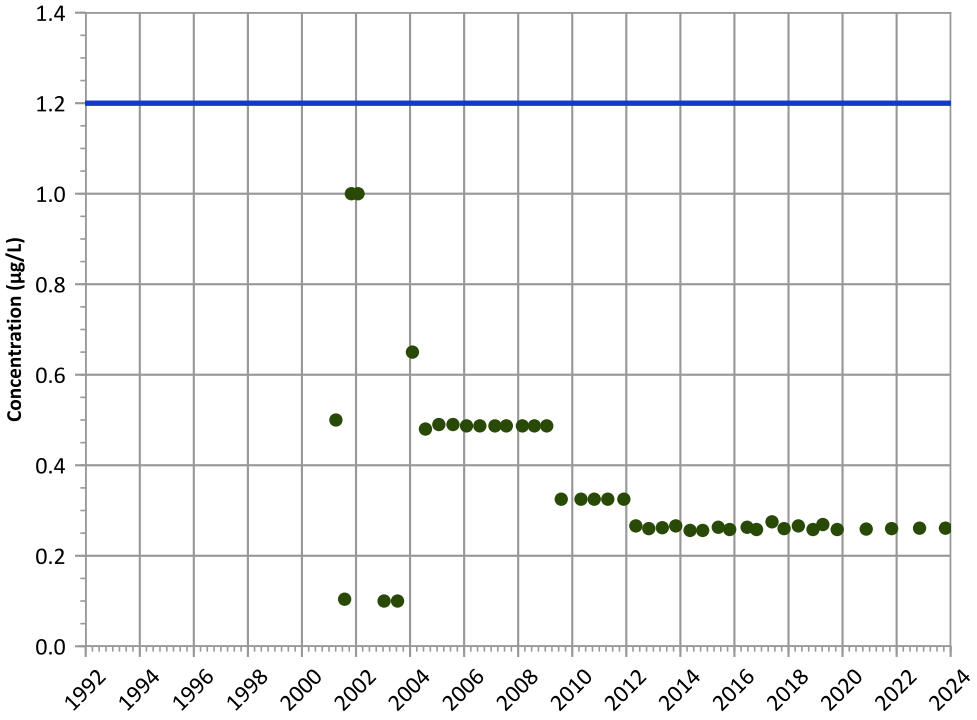
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

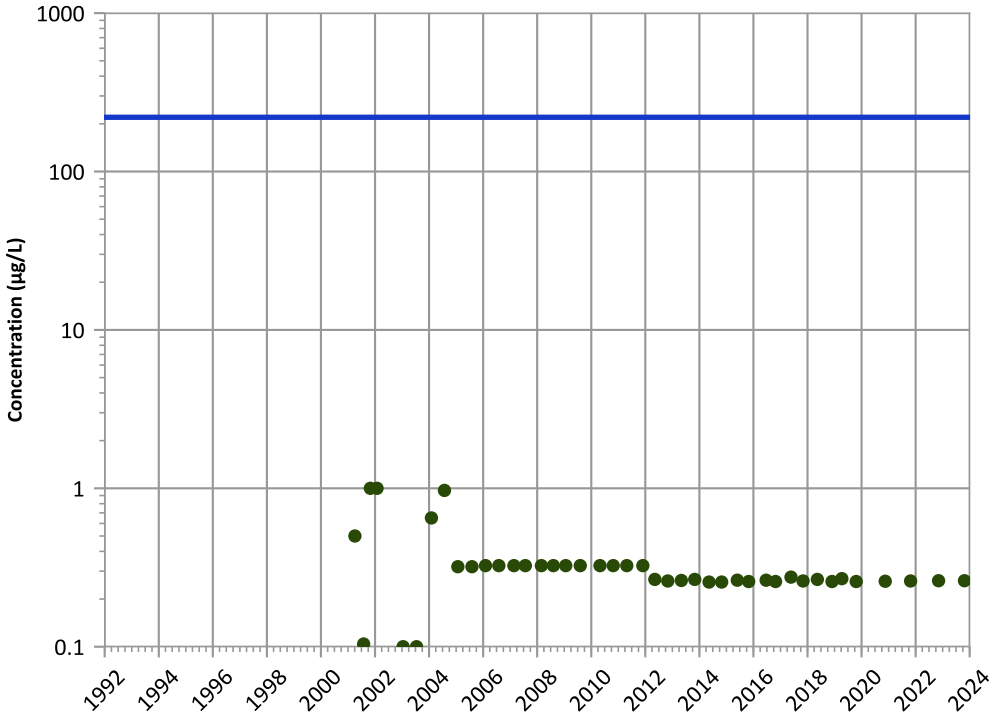


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

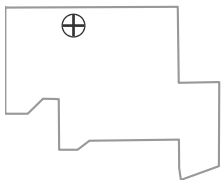
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

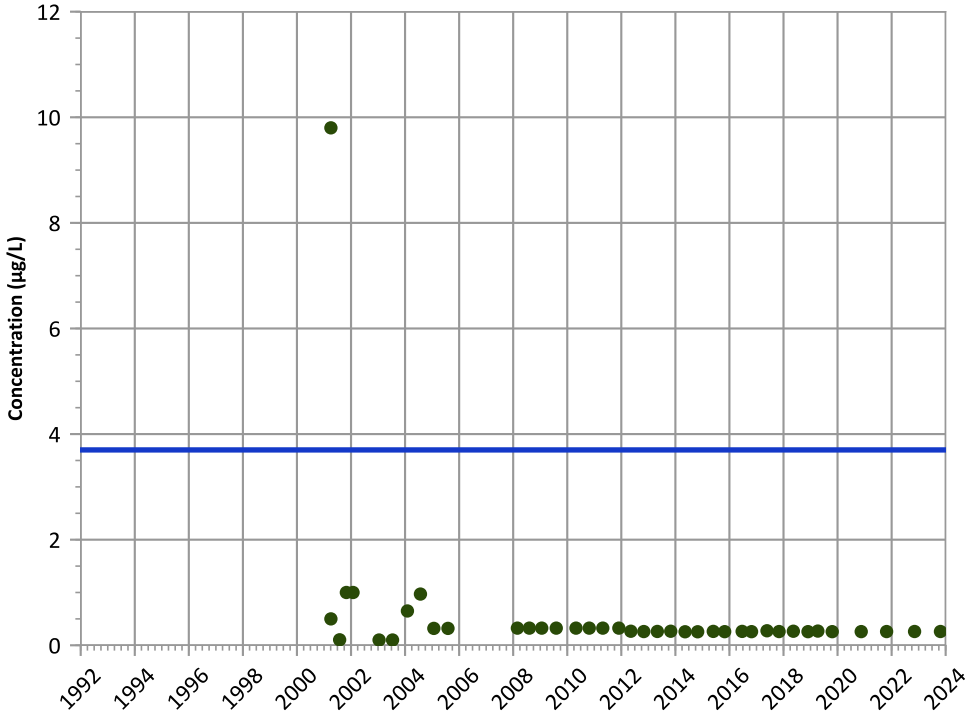
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

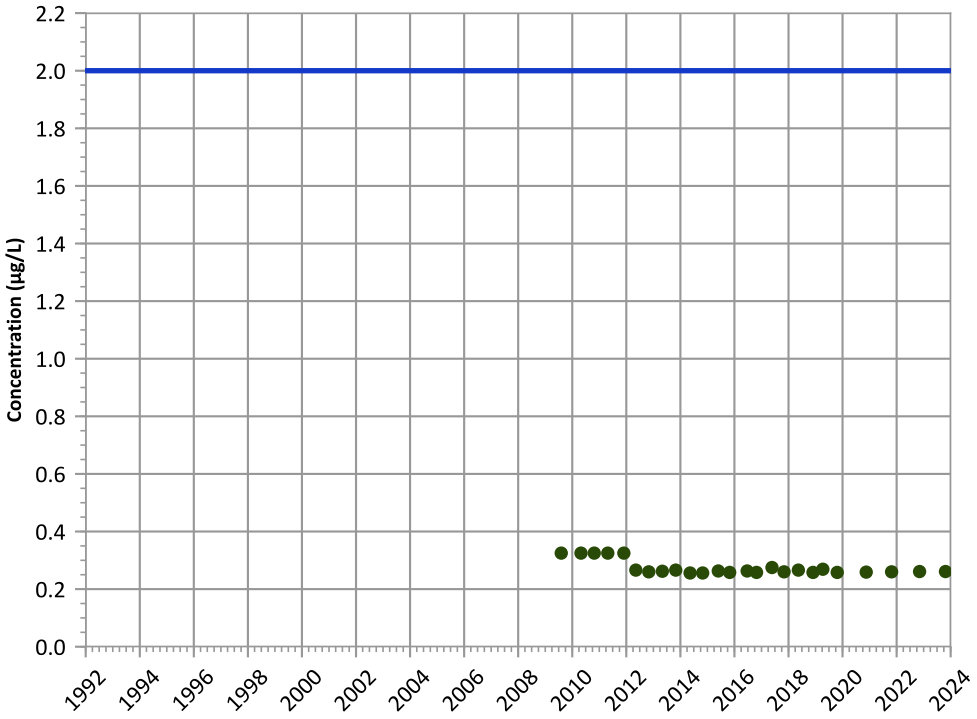
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



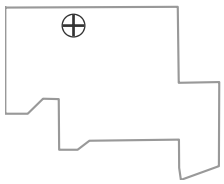
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

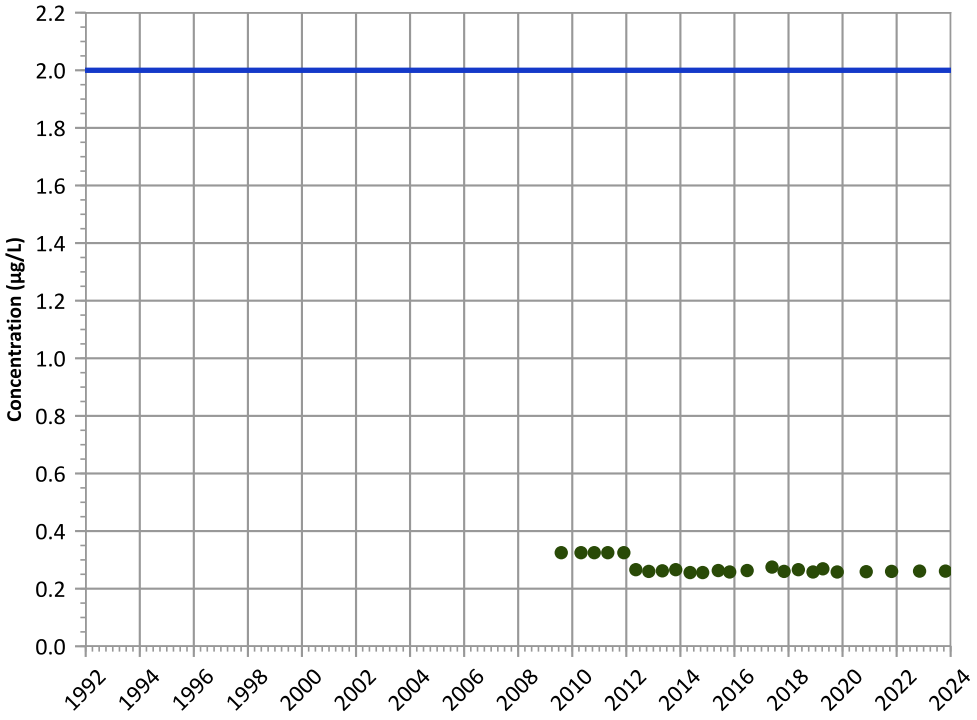
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

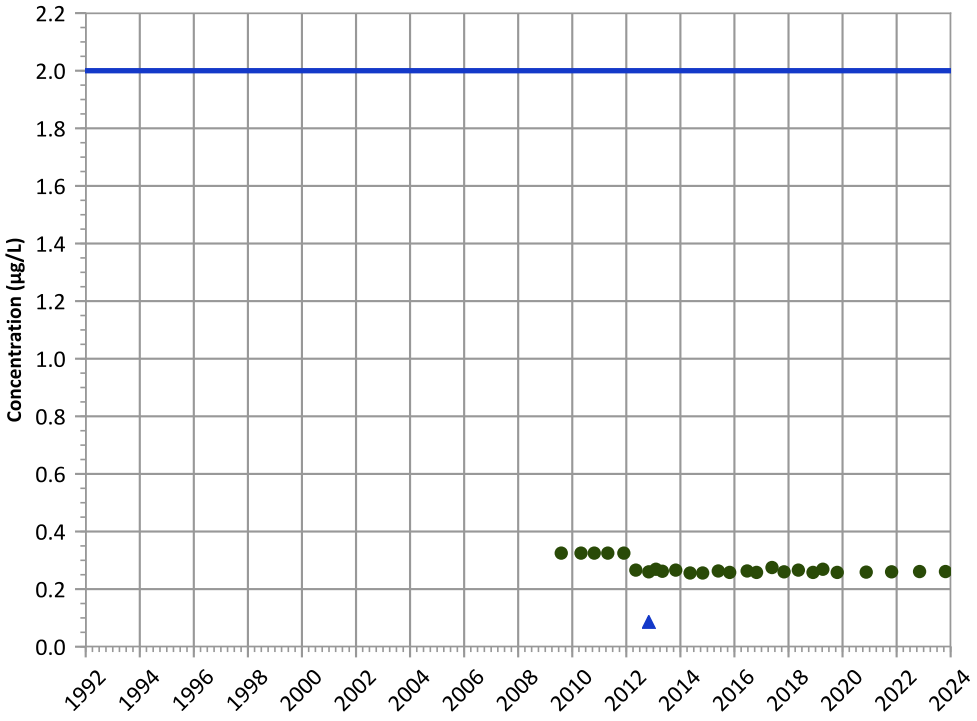


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

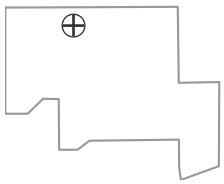
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

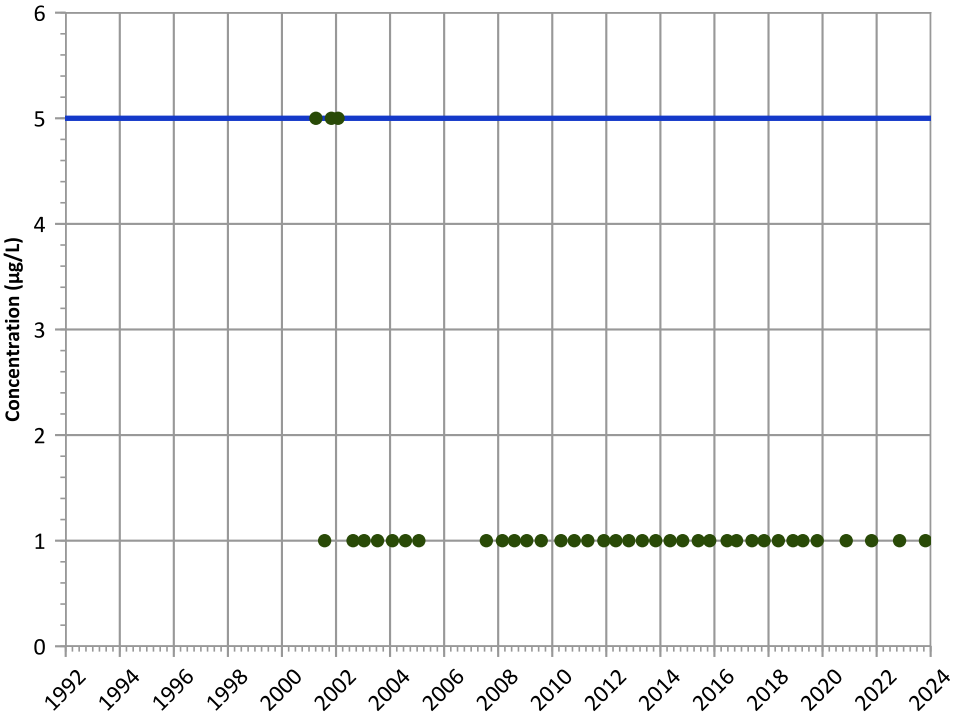
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

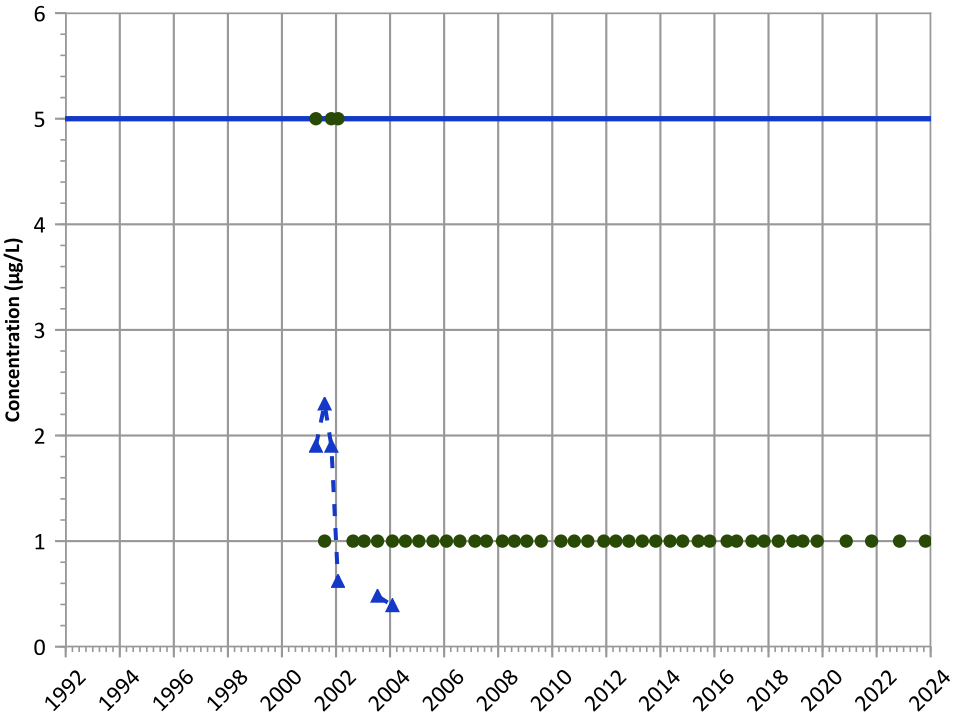


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

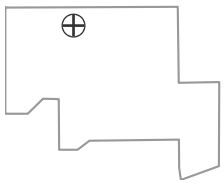
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

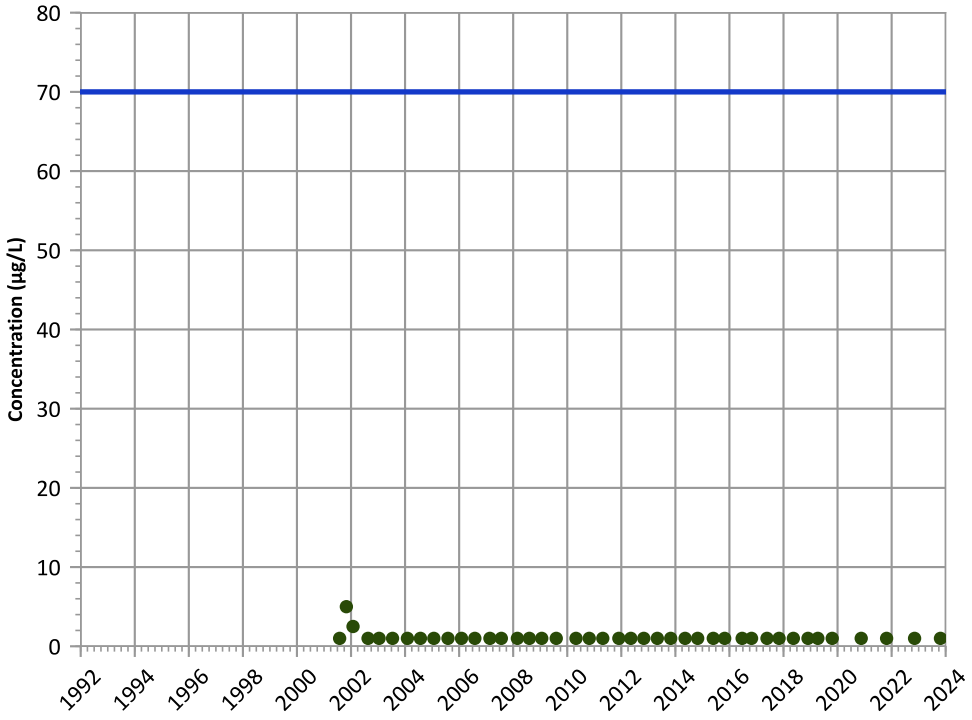
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

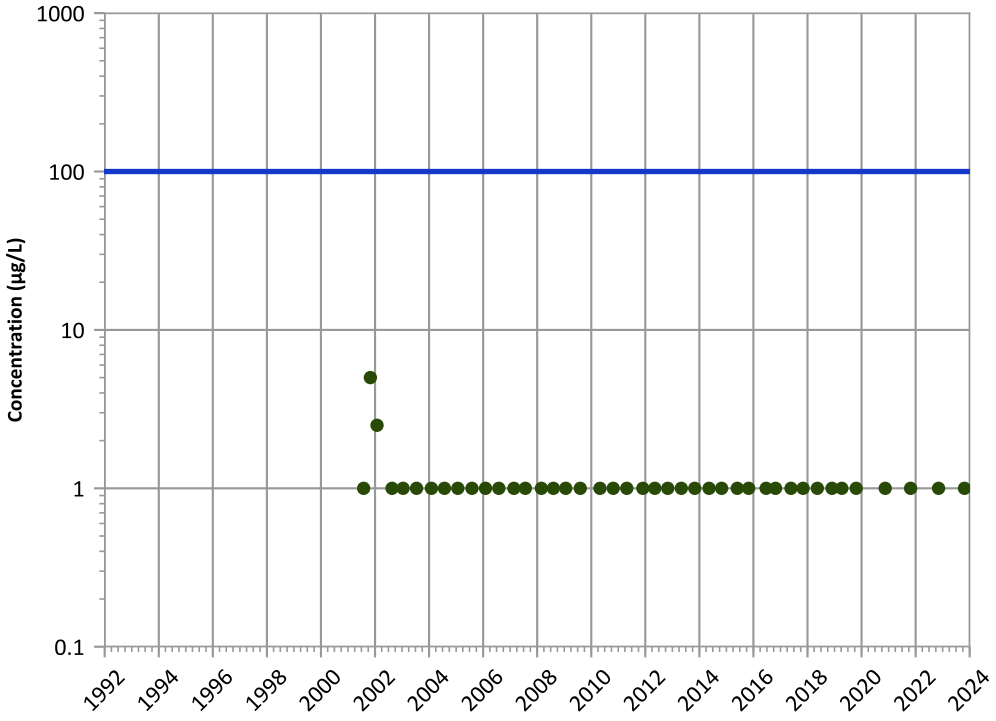
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



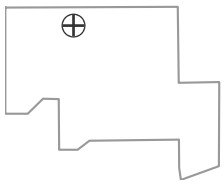
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

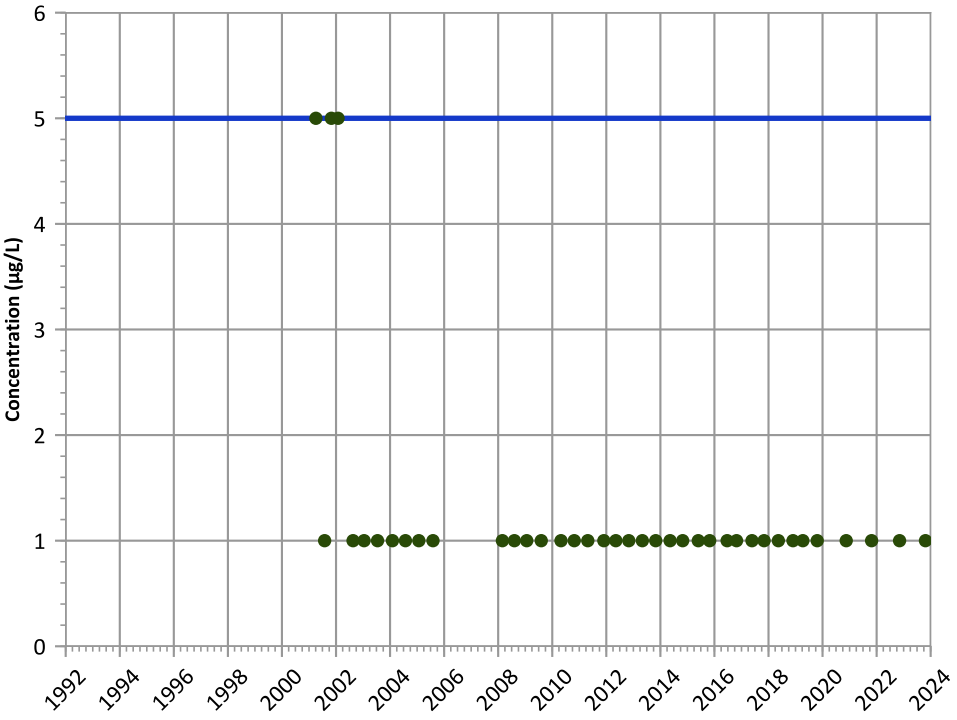
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

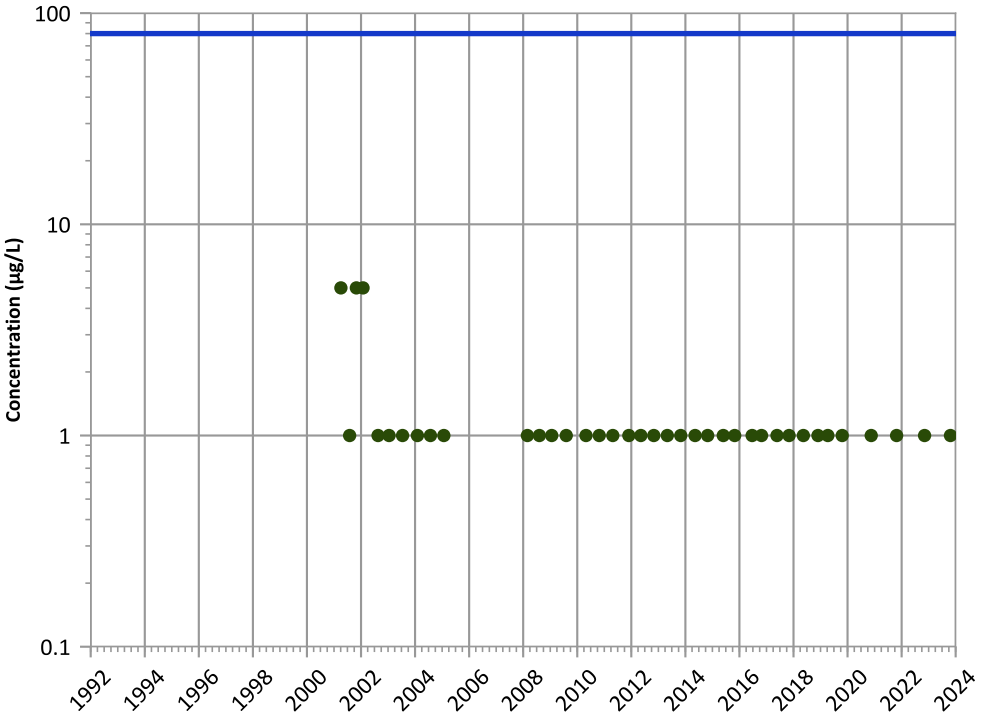
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



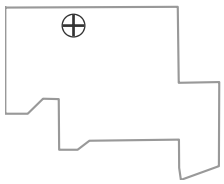
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

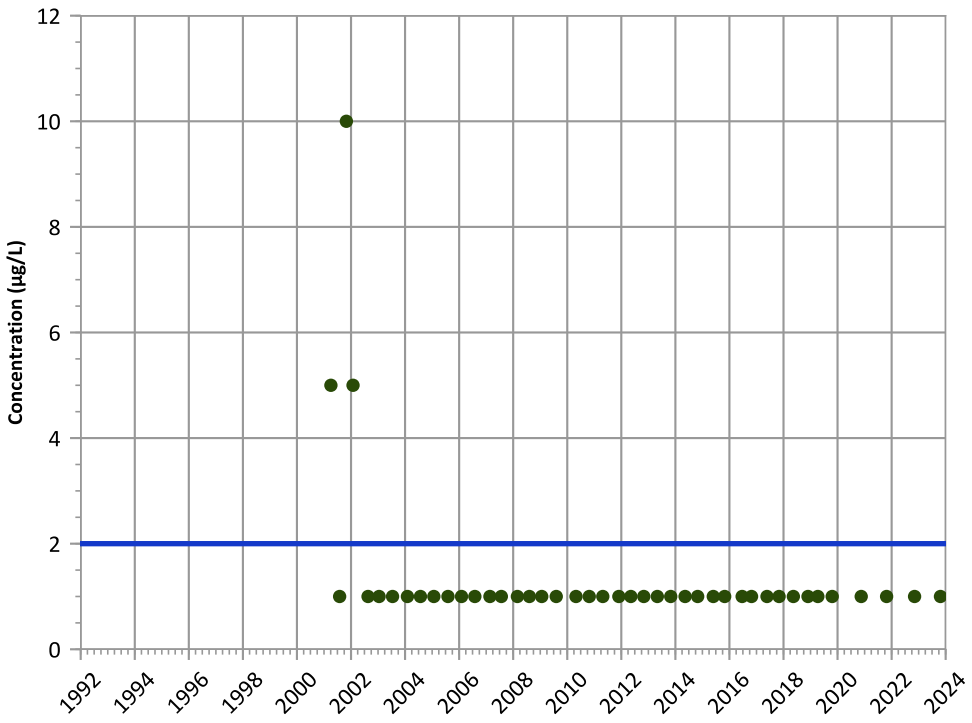
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

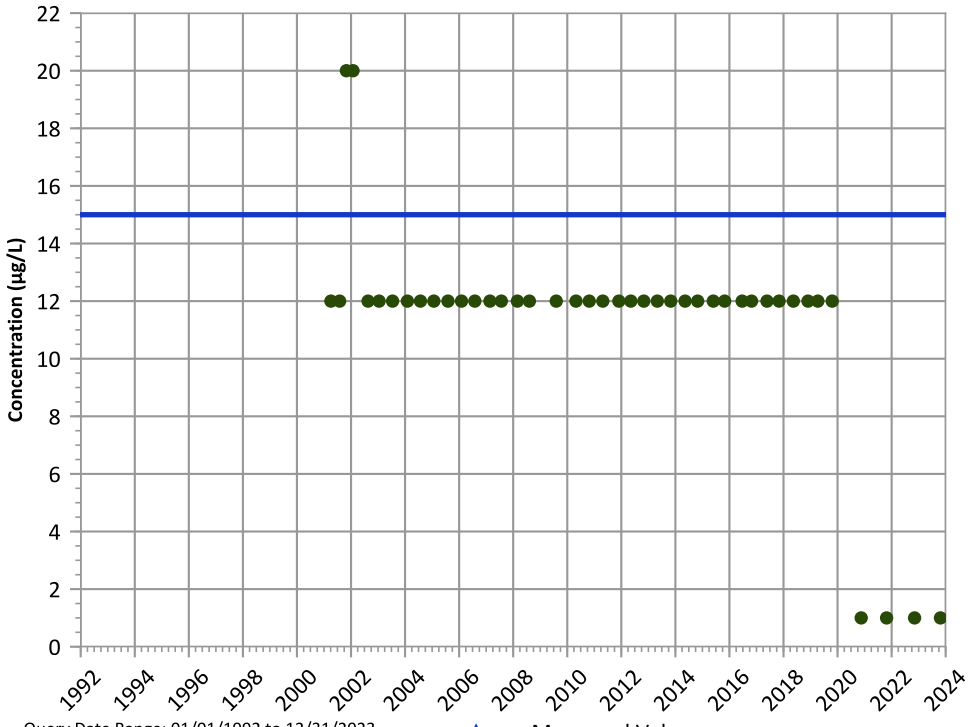


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

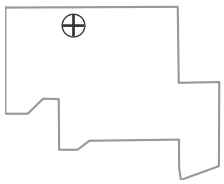
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

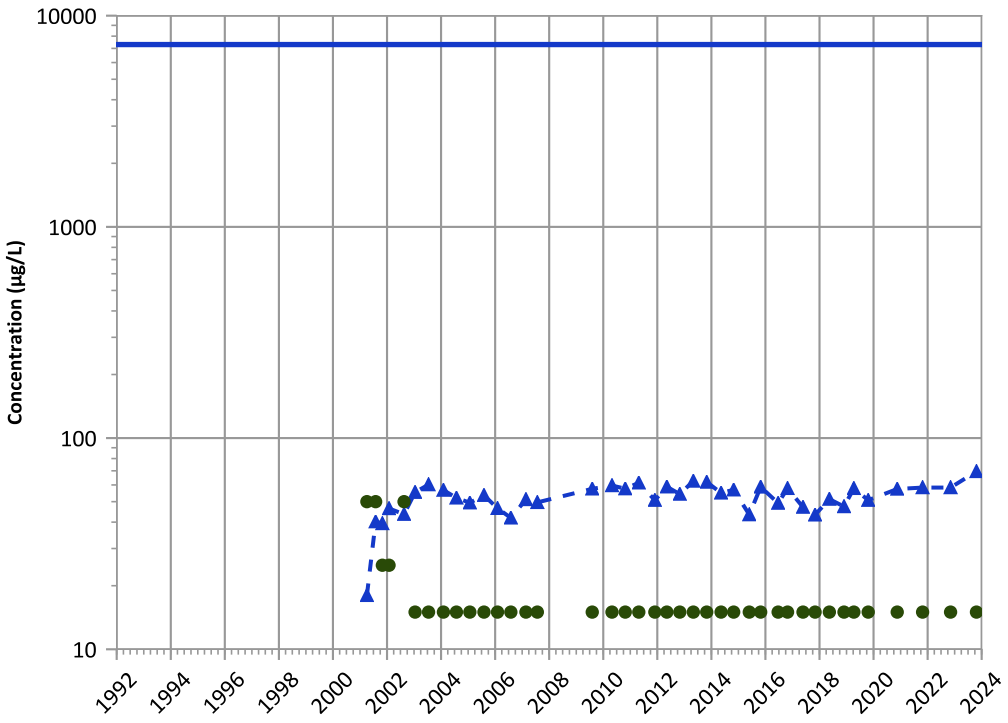
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

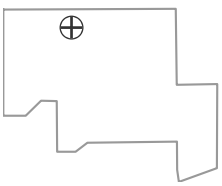
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

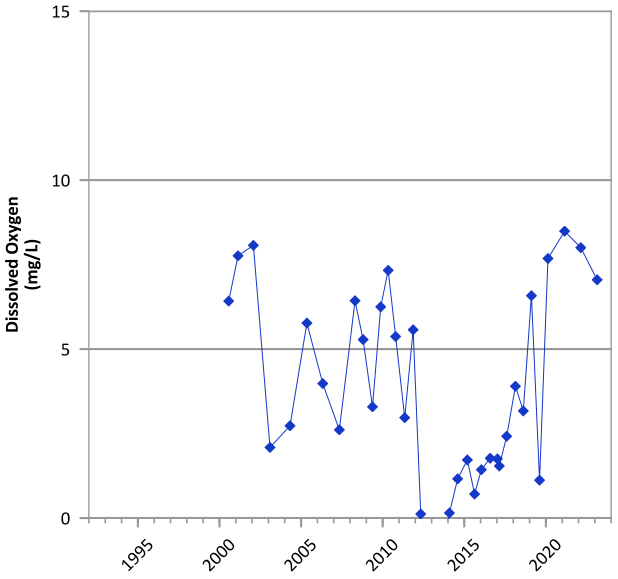
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 10/23/2023
Analysis Date: 04/01/2024

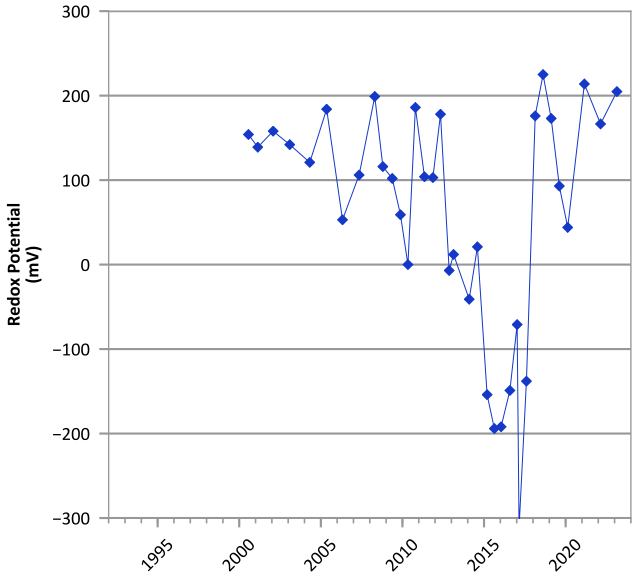
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

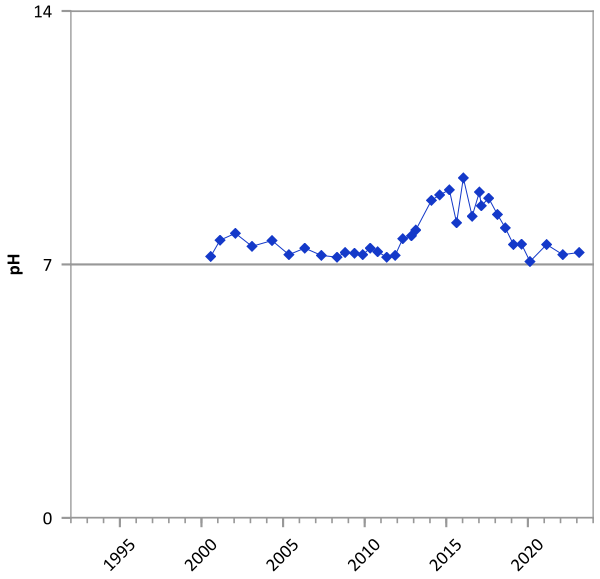
Well Location

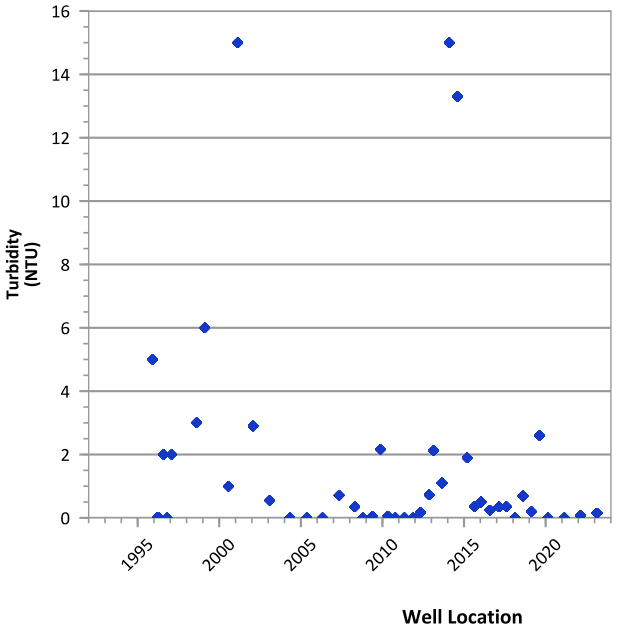


PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

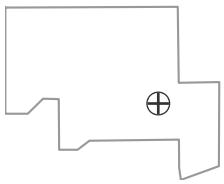






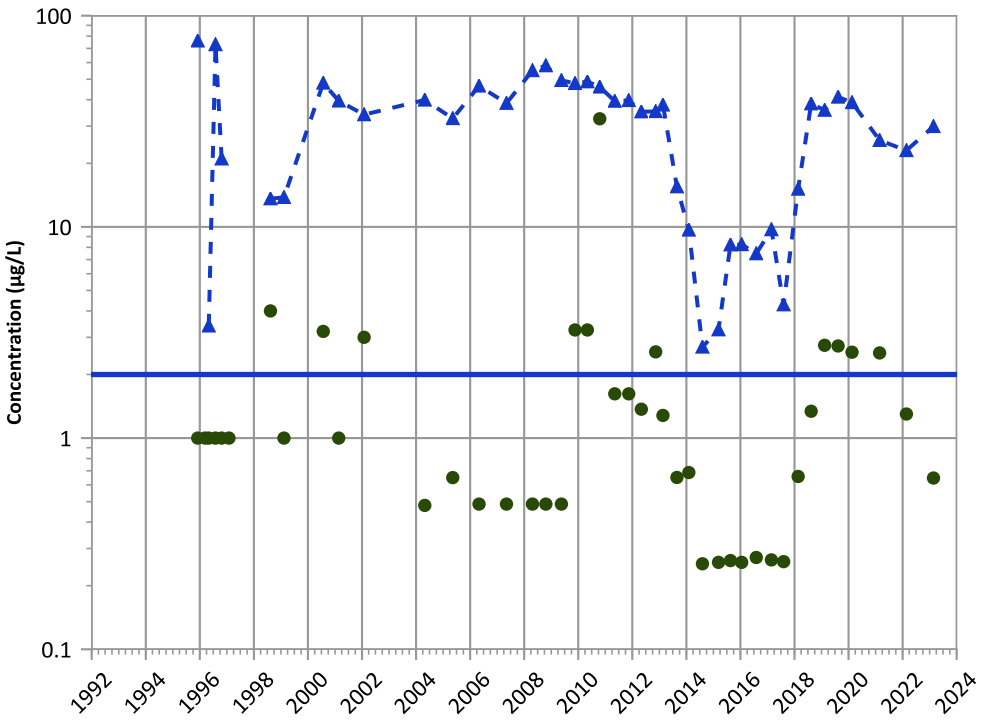


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

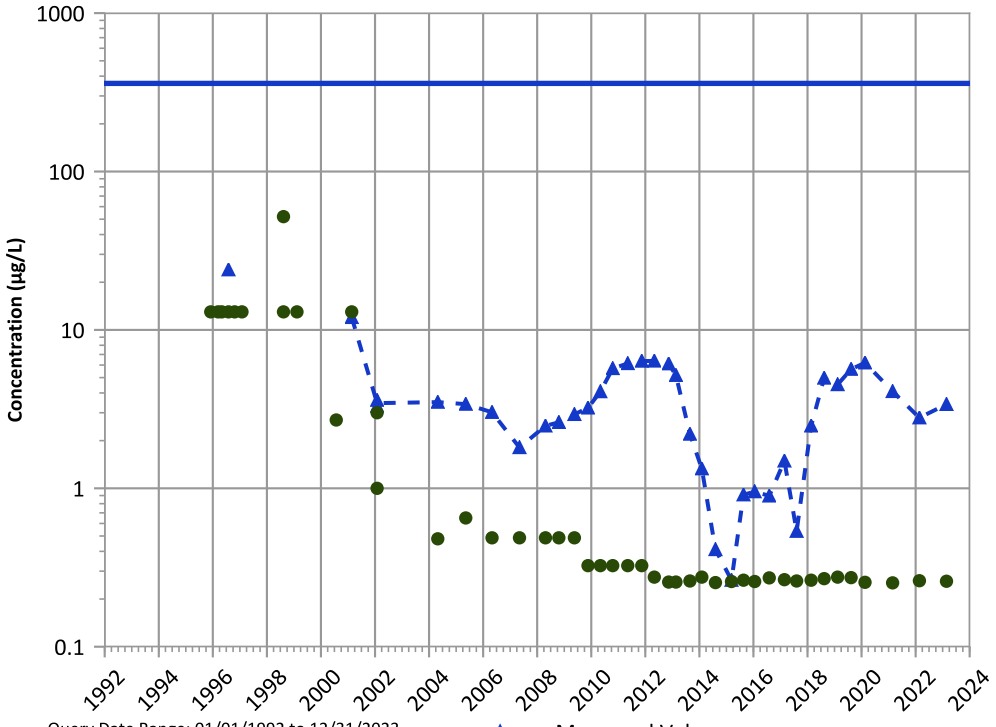


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

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



Concentration Trend

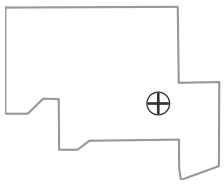
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

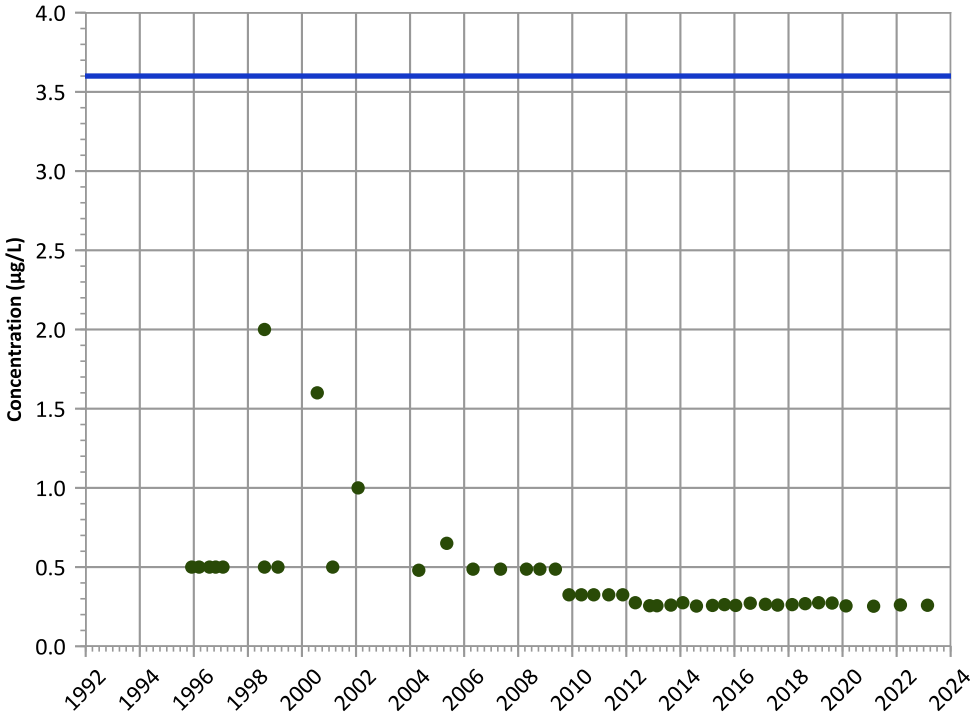
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

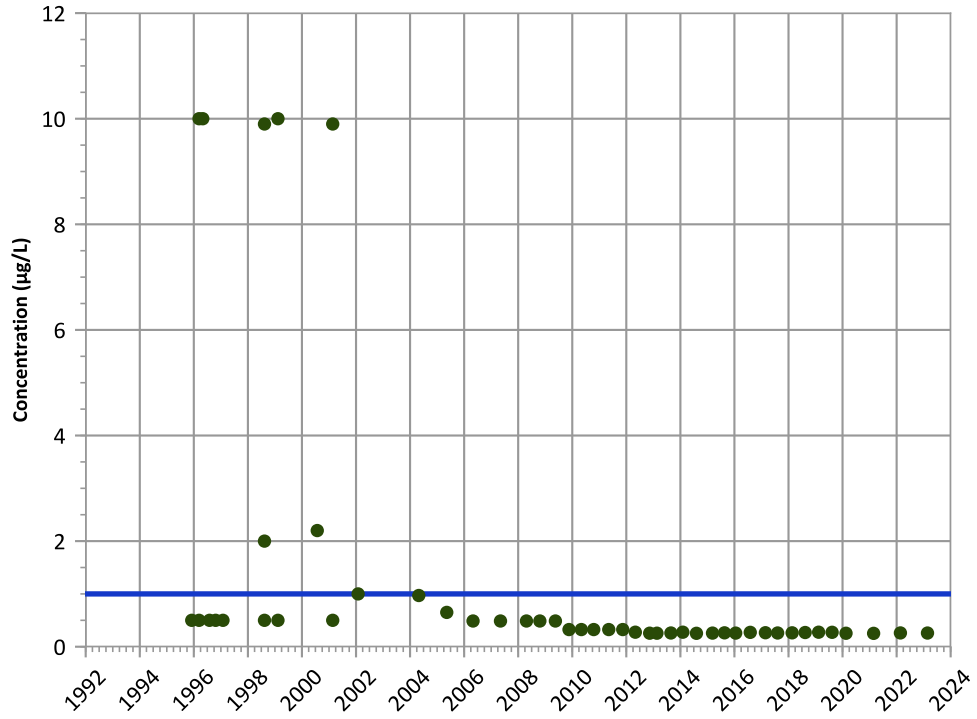


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

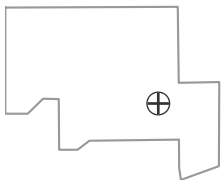
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

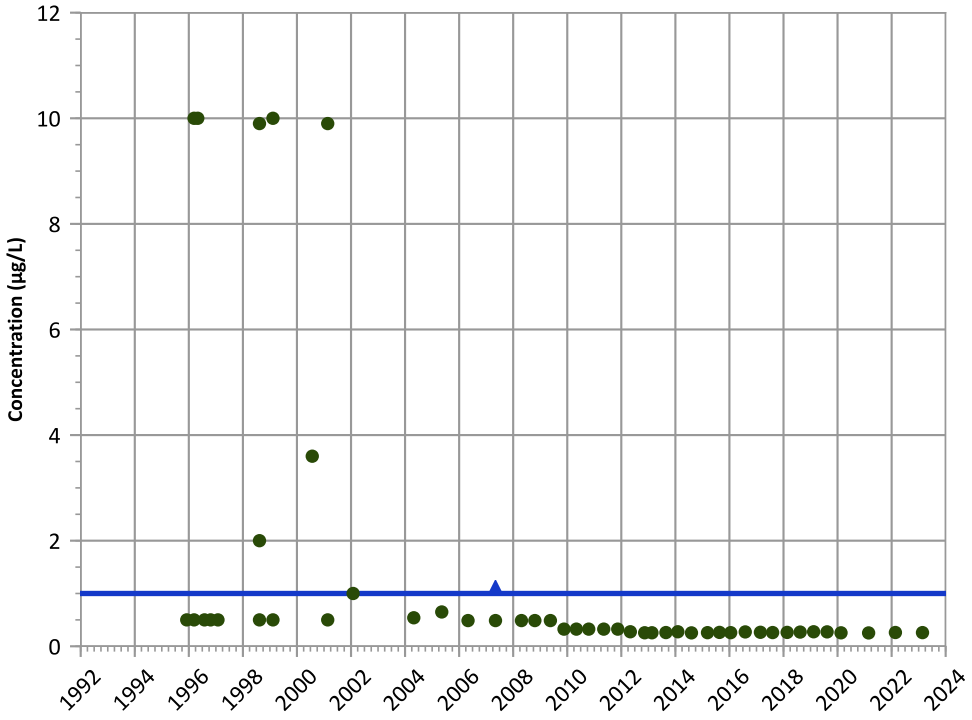
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

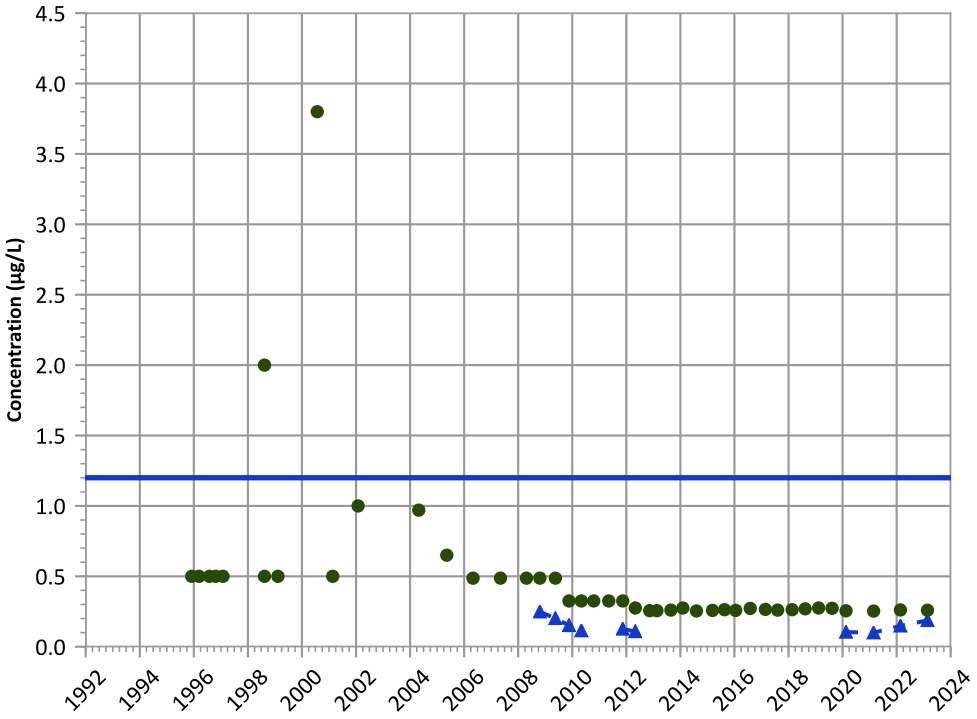


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

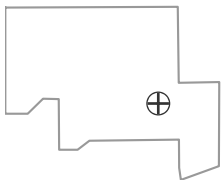
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

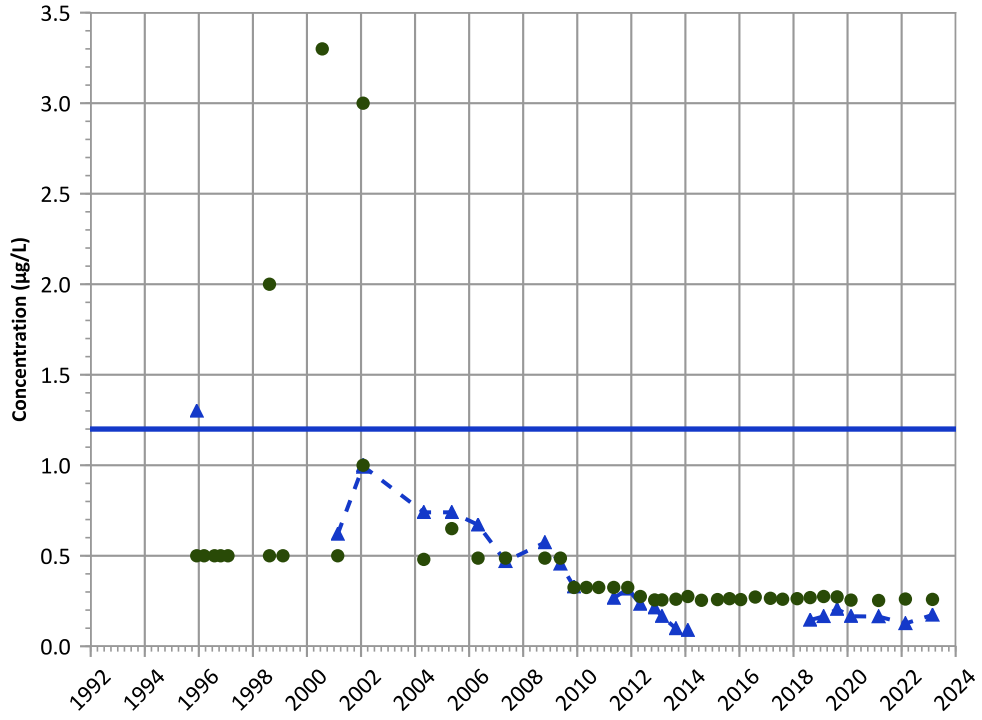
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

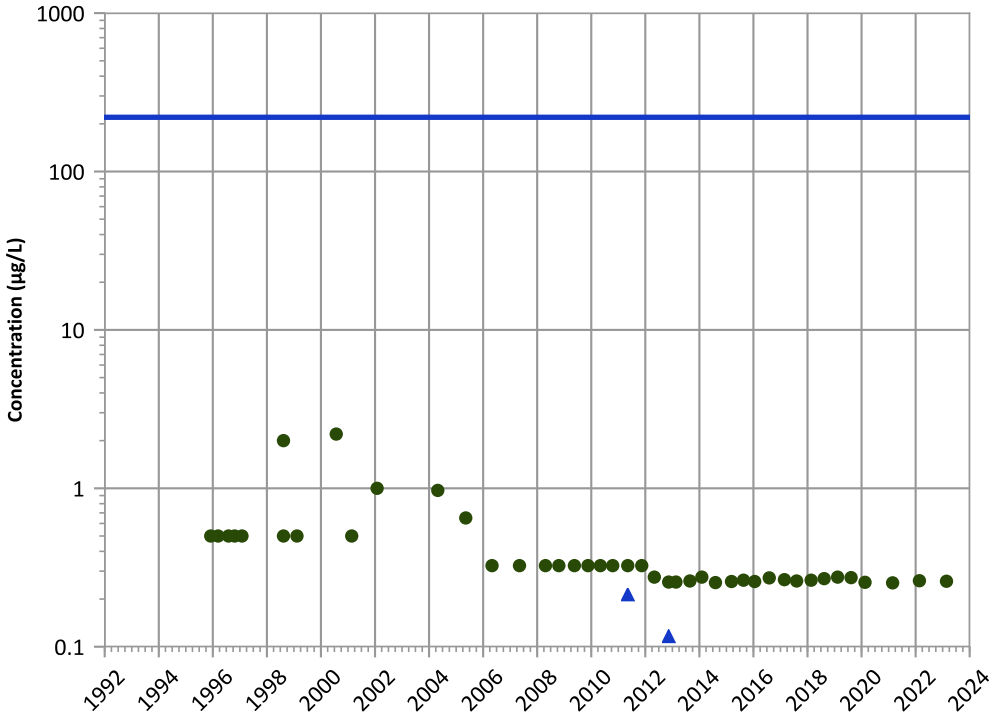


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

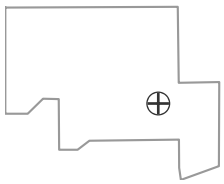
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

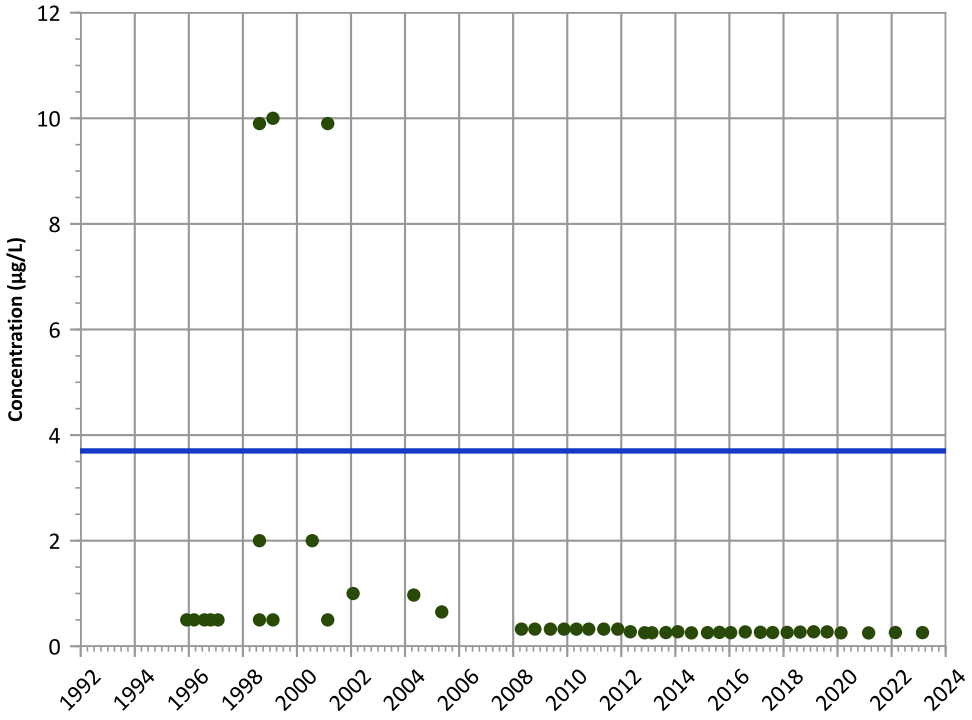
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

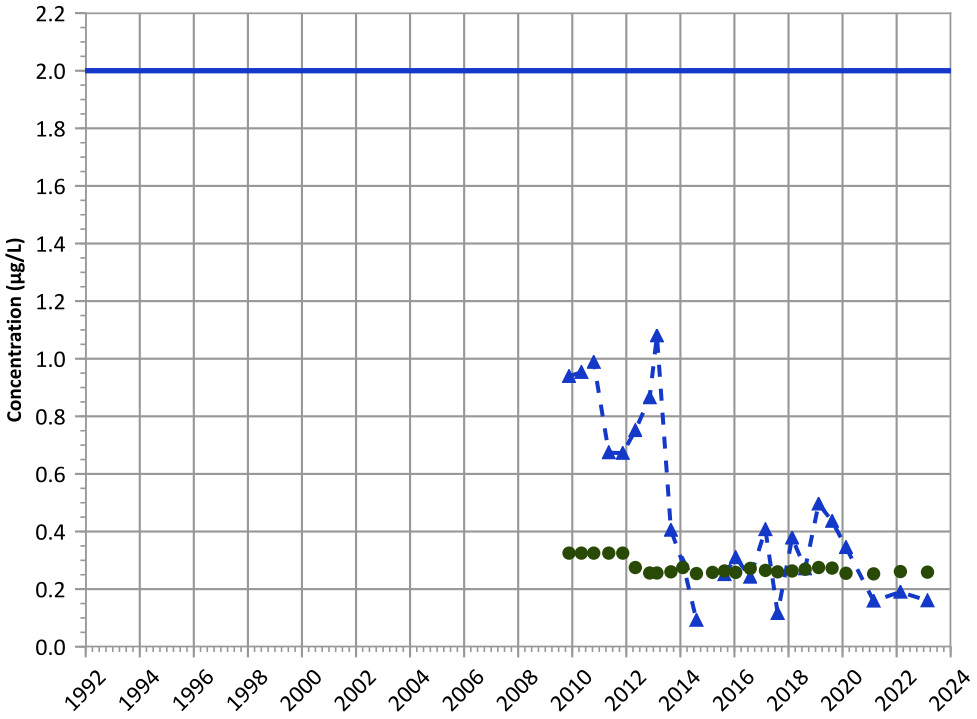


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

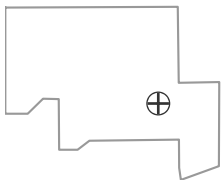
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

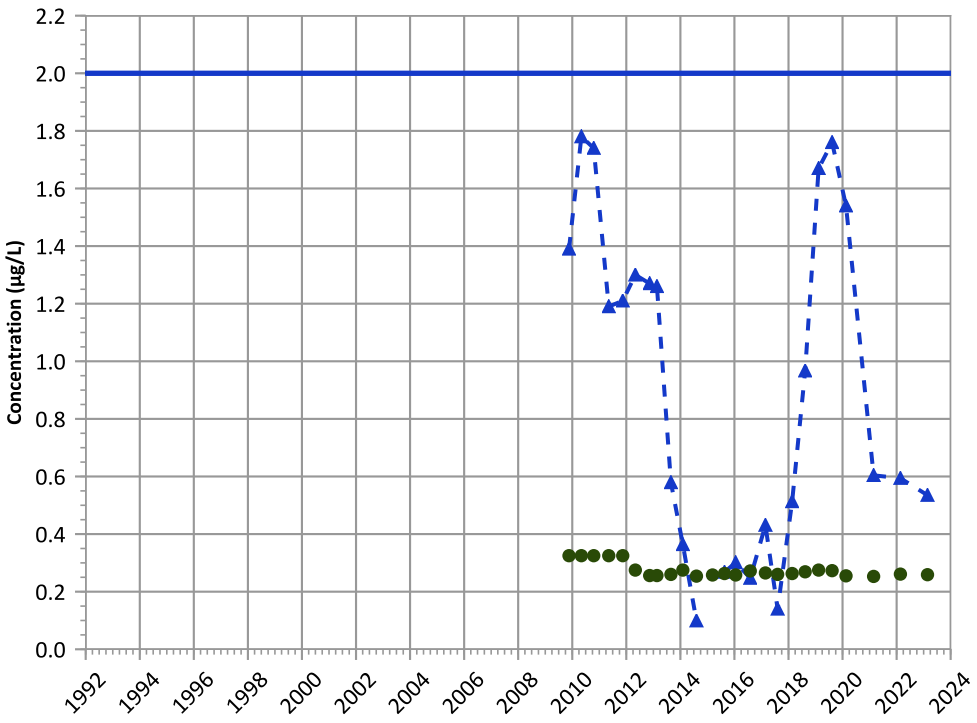
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

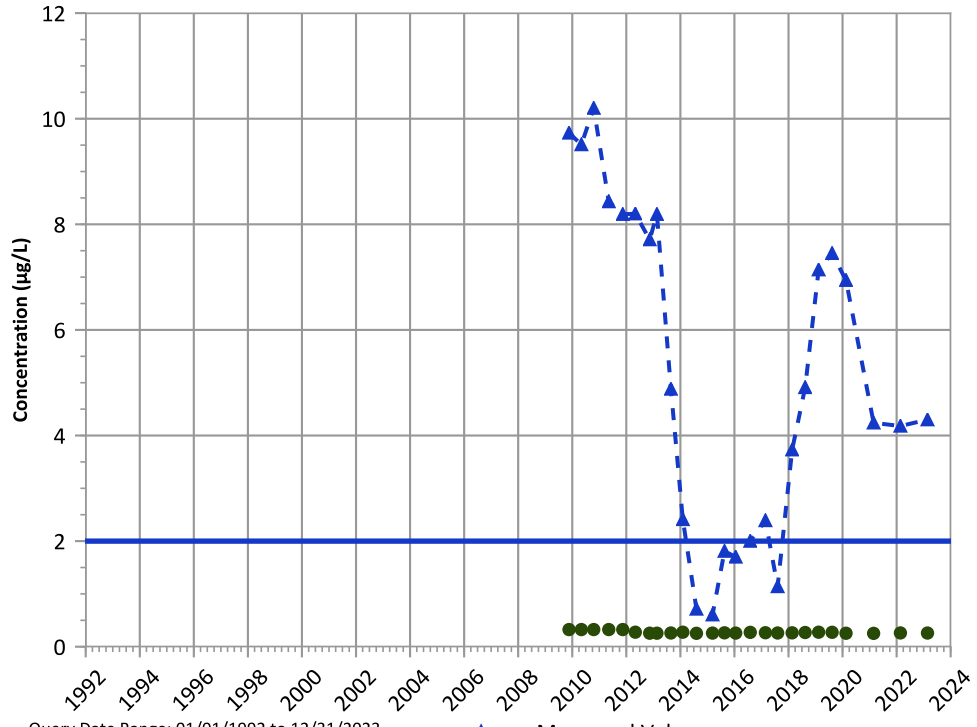


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

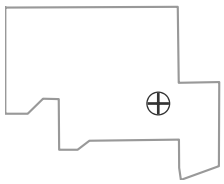
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

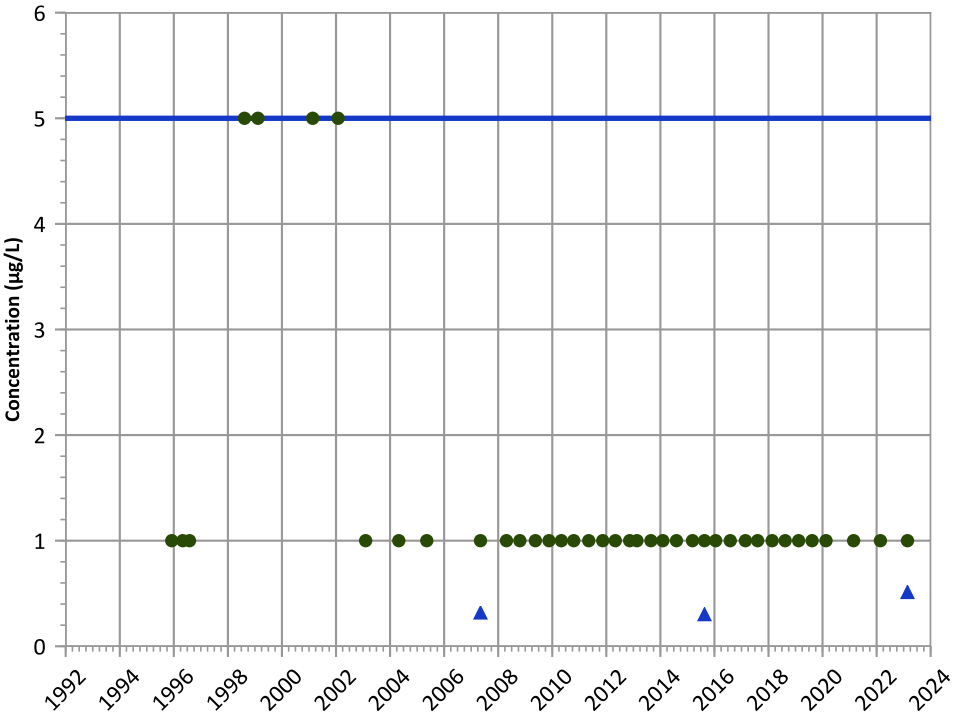
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

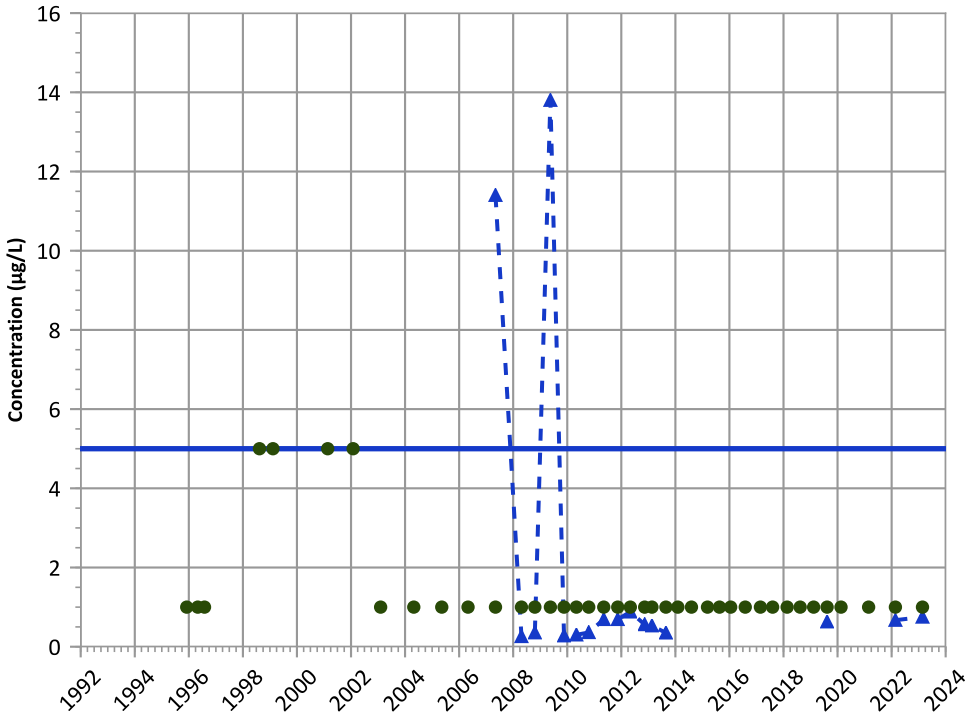


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

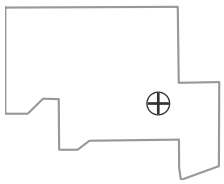
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

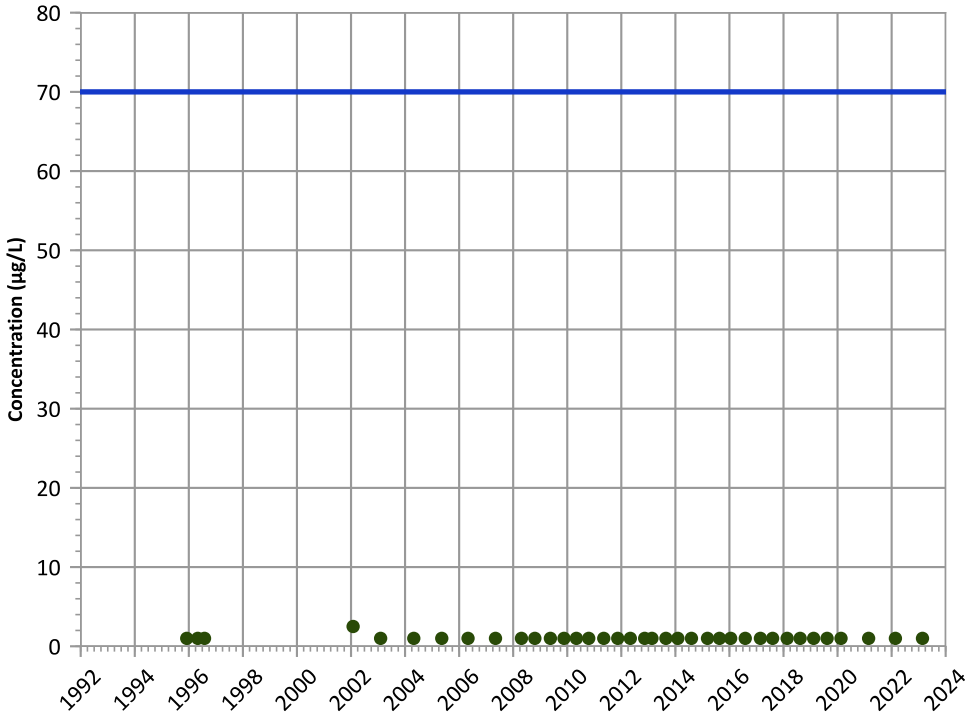
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

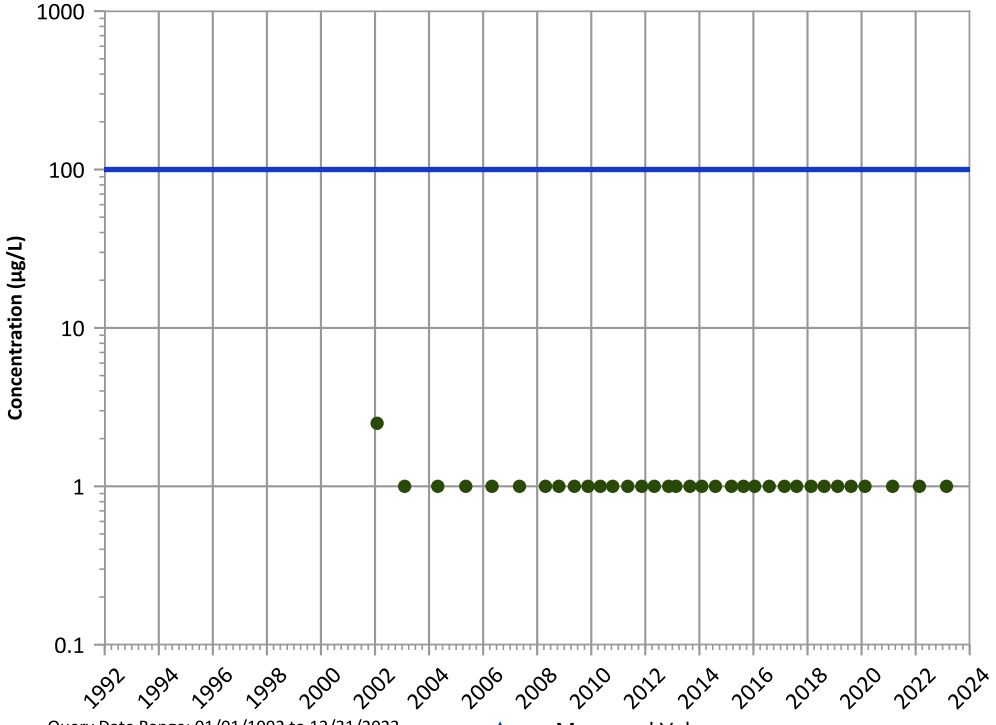
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



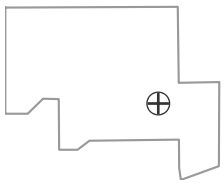
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

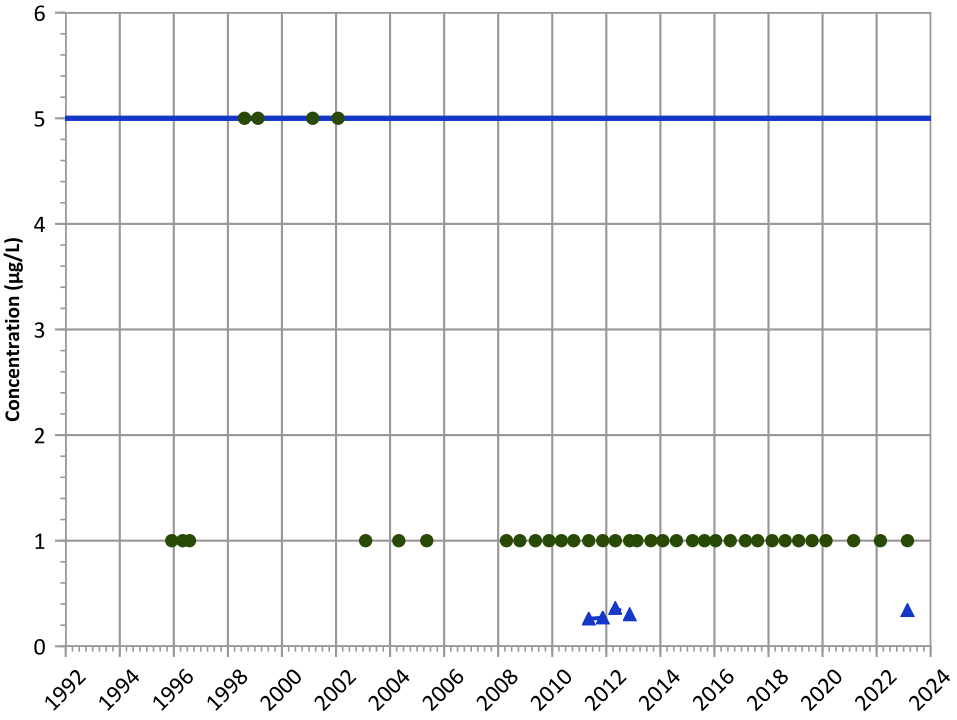
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

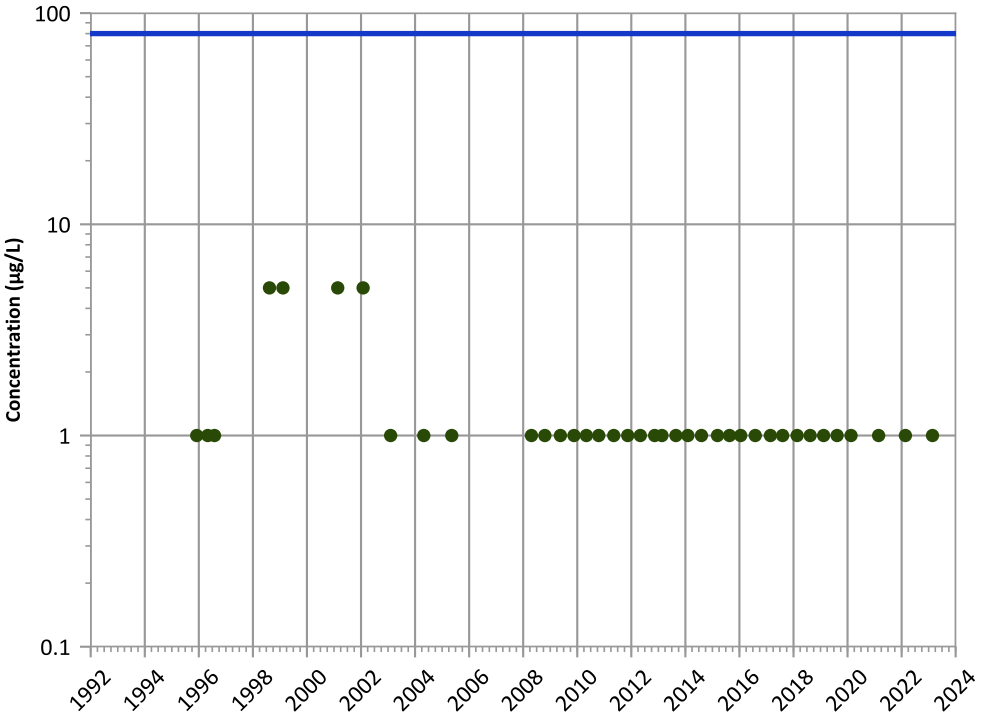


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chloroform Trend



Concentration Trend

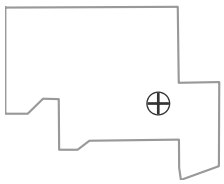
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

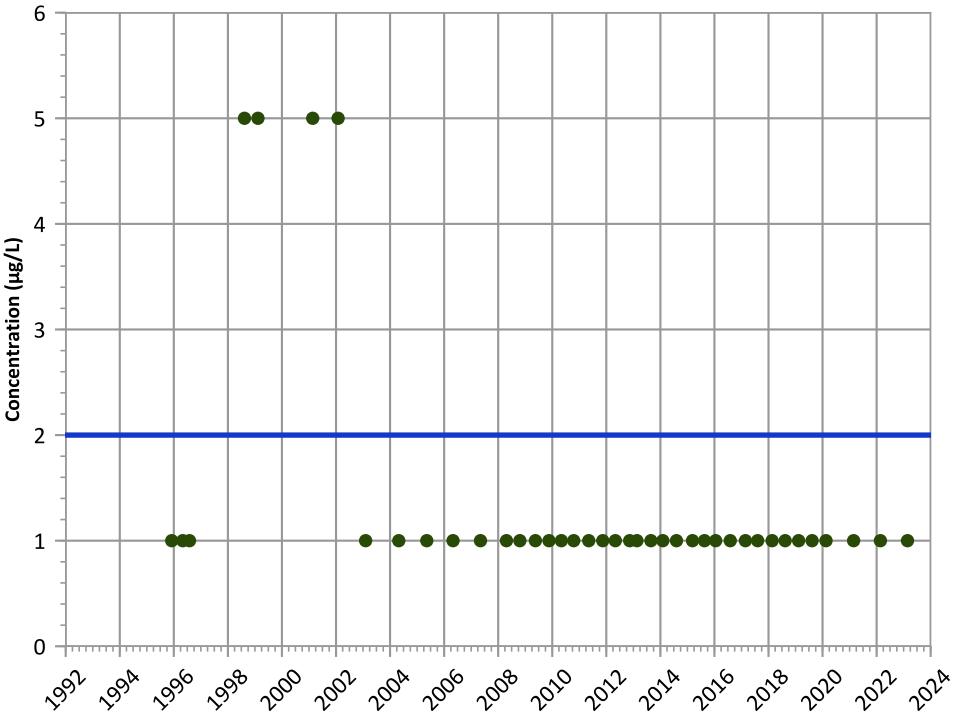
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

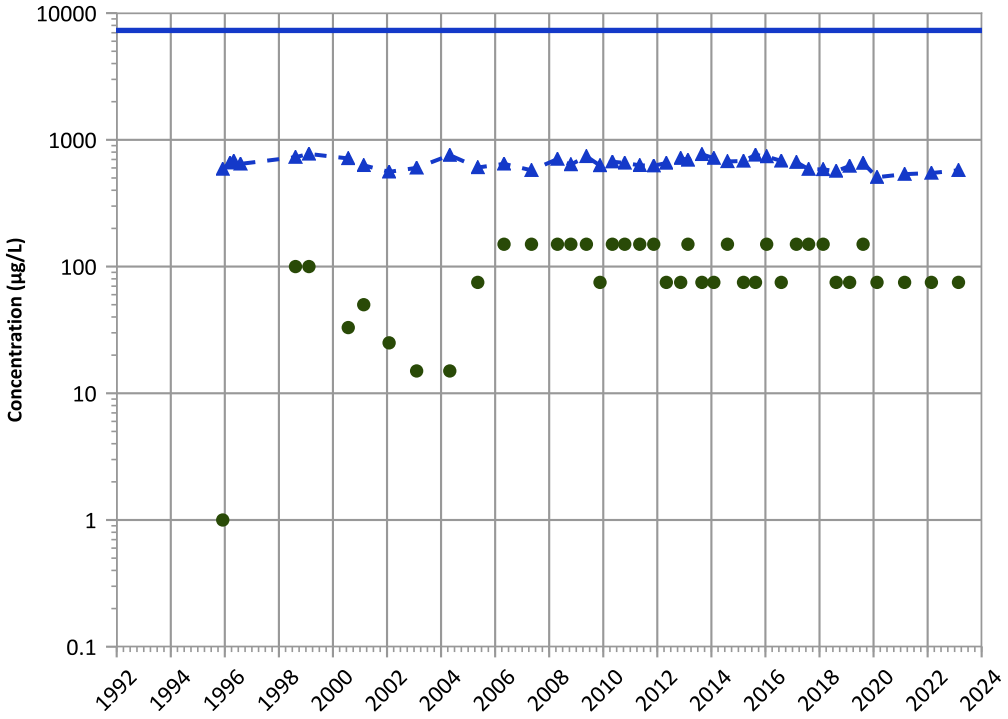


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

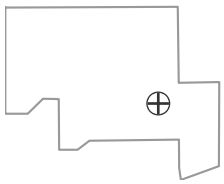
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

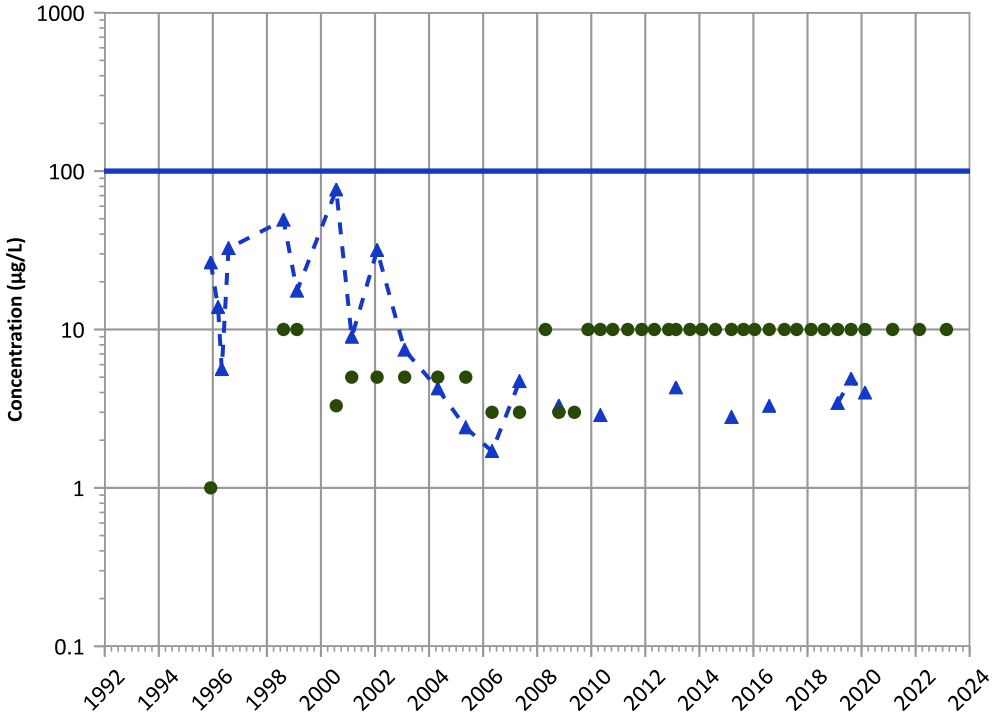
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

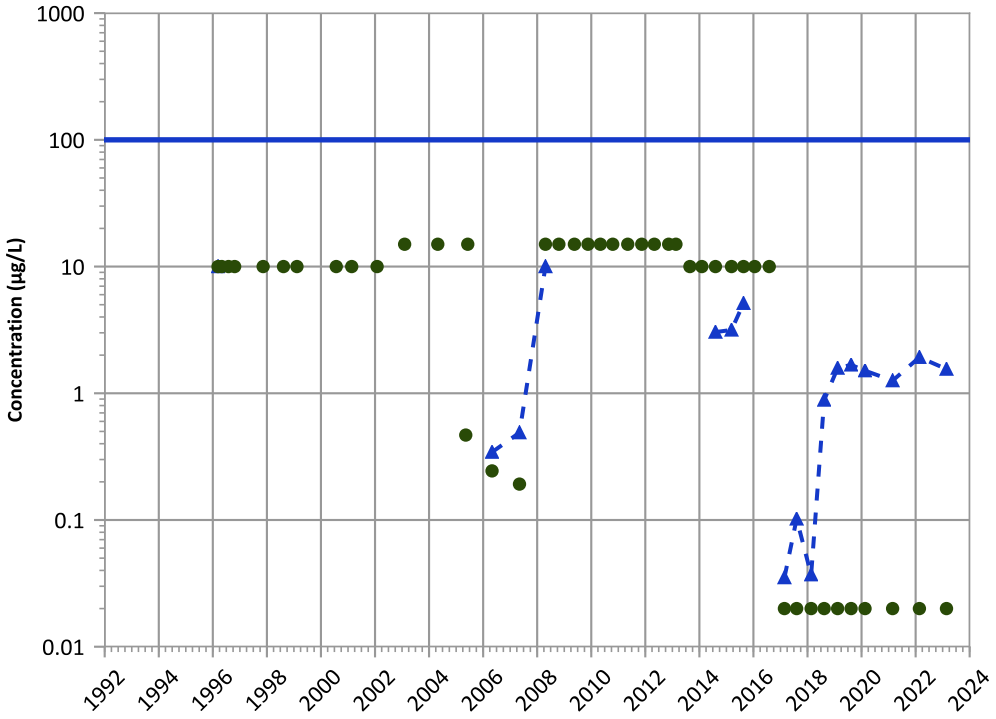


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

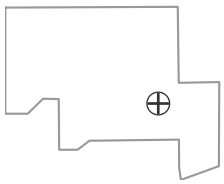
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

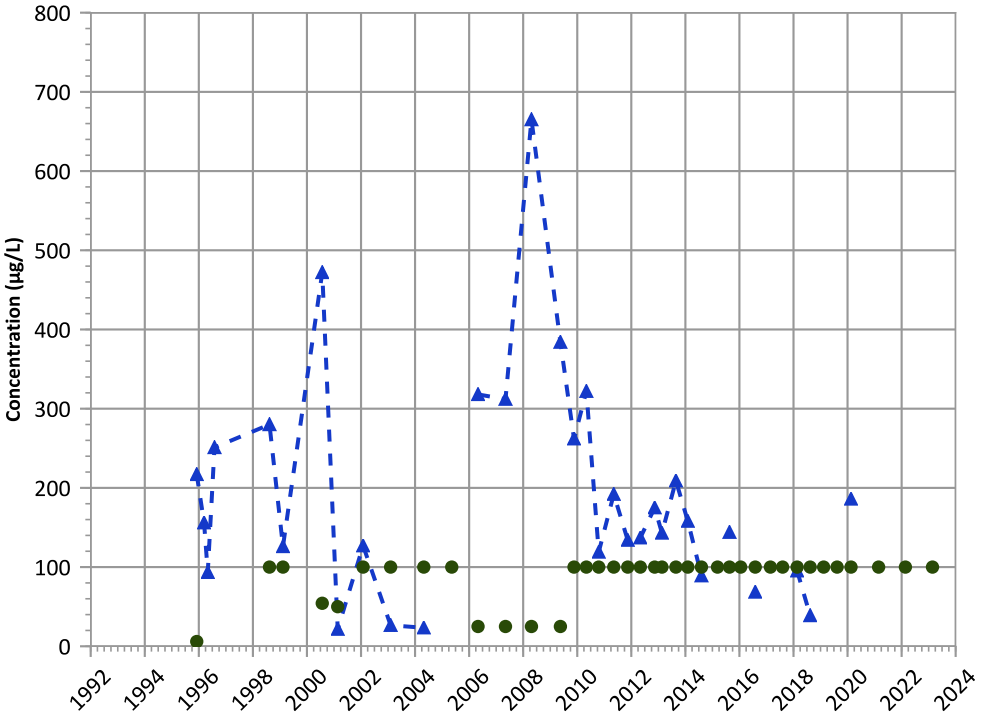
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

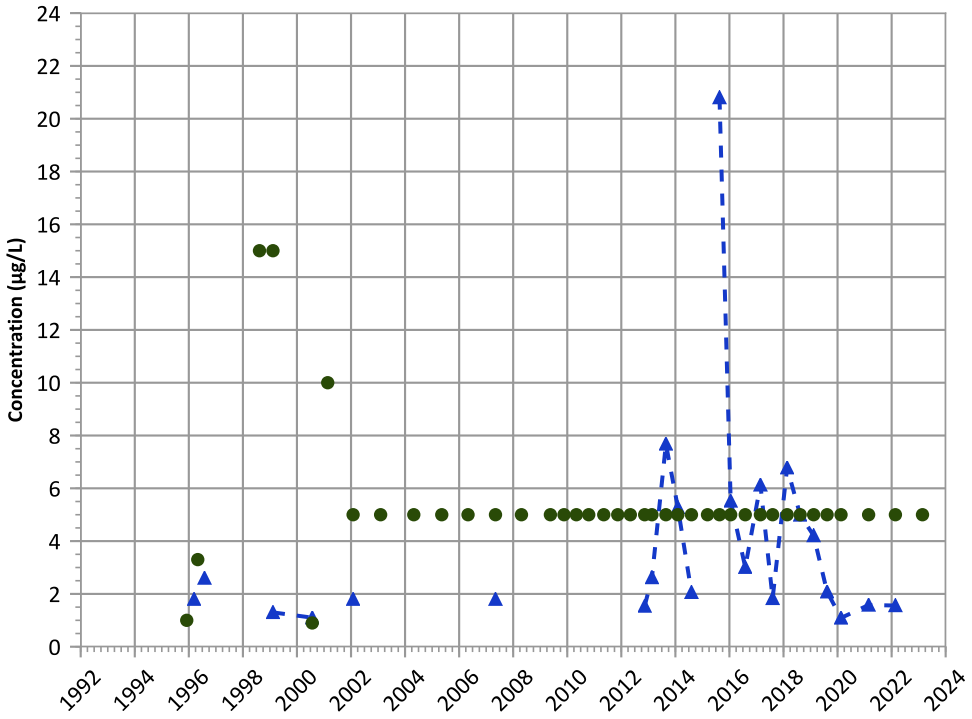


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

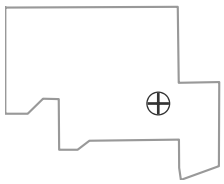
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

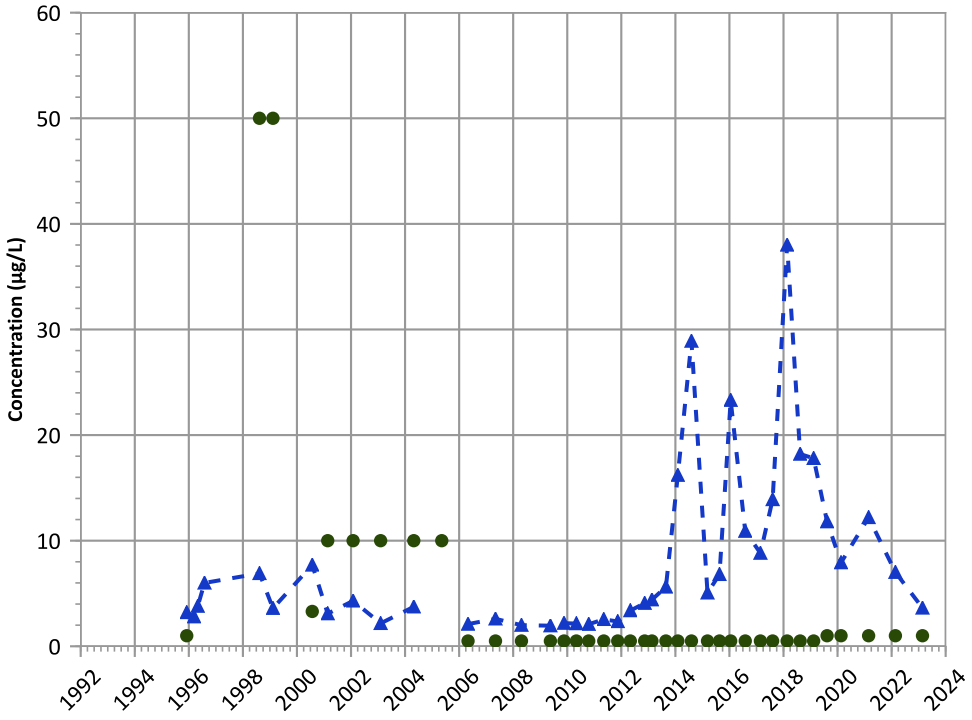
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

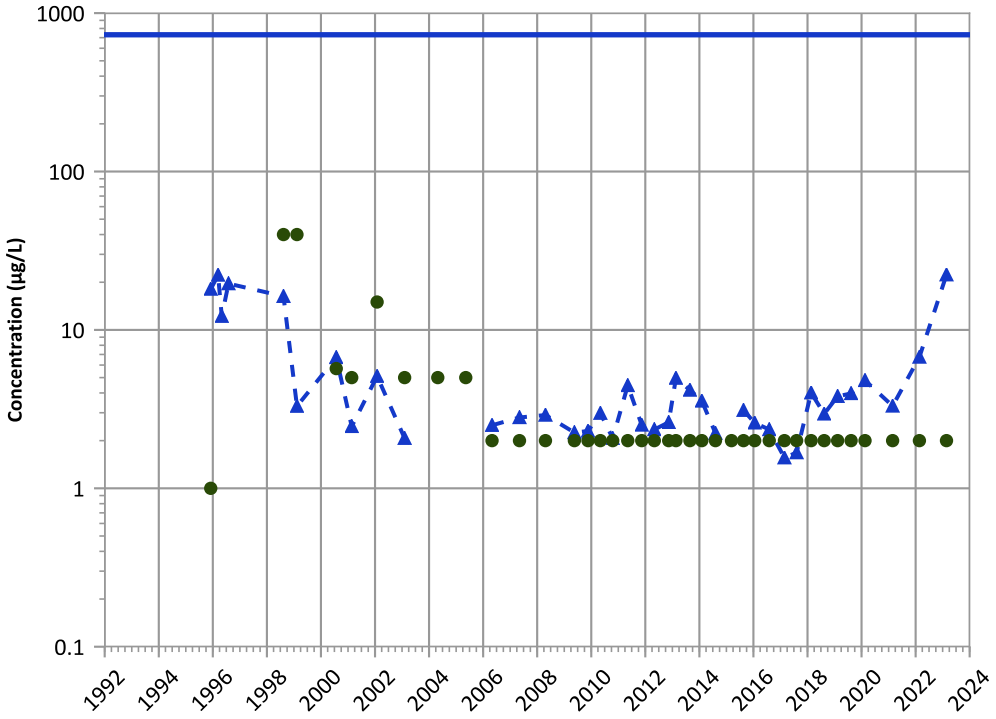


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

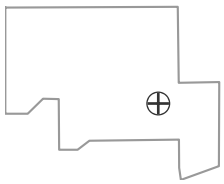
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

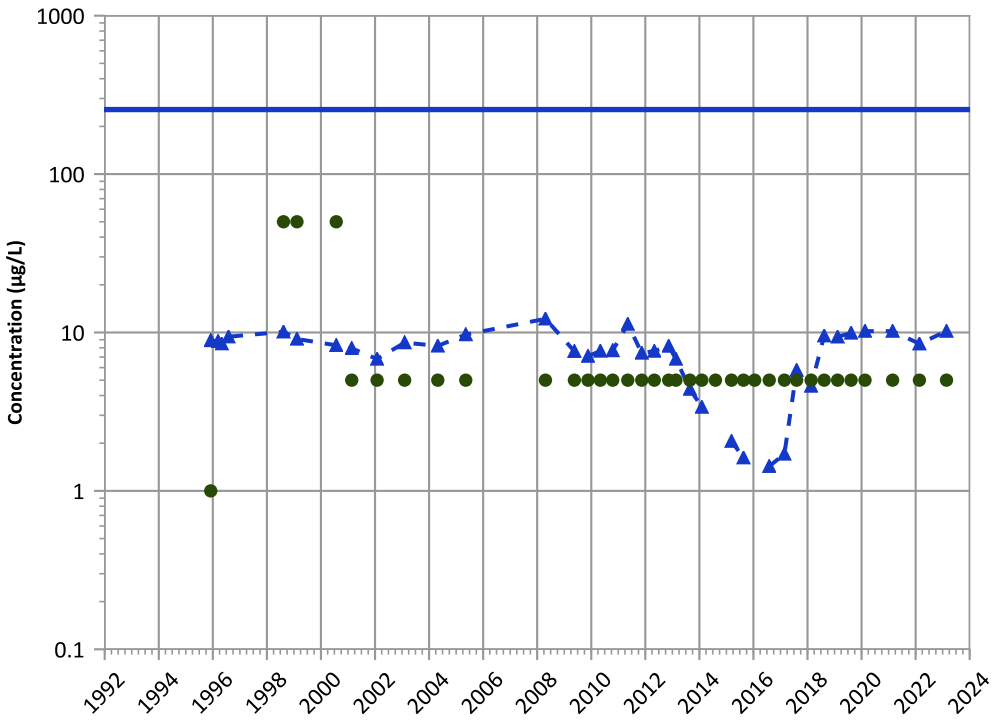
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

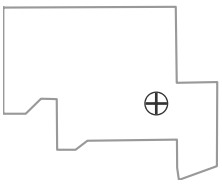
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

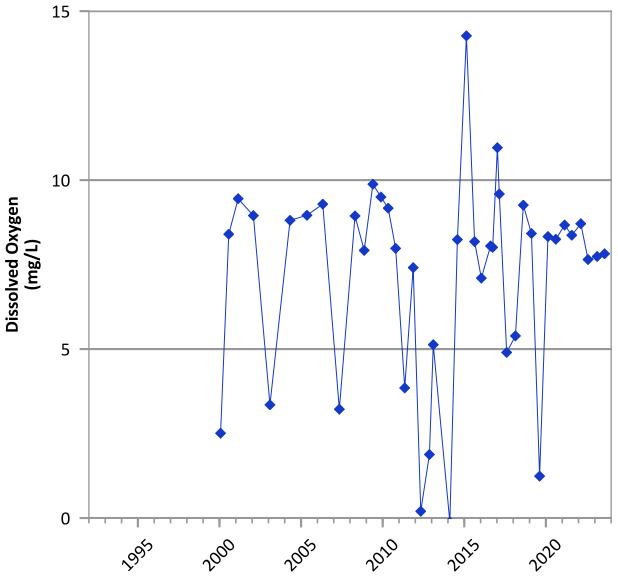
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/04/1995 to 02/22/2023
Analysis Date: 04/01/2024

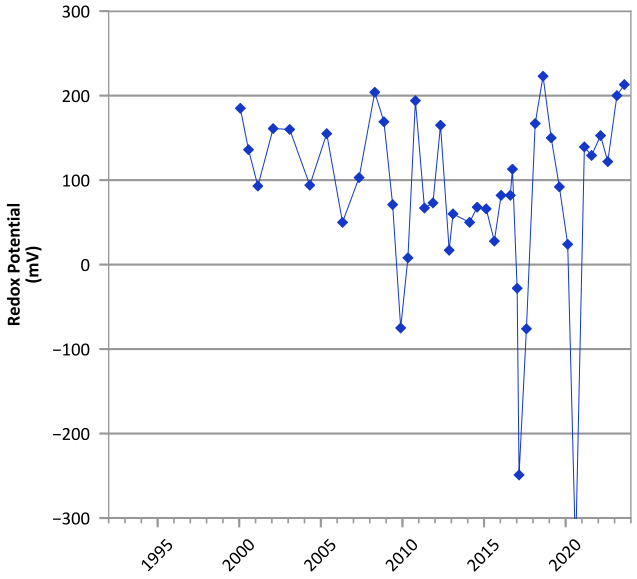
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

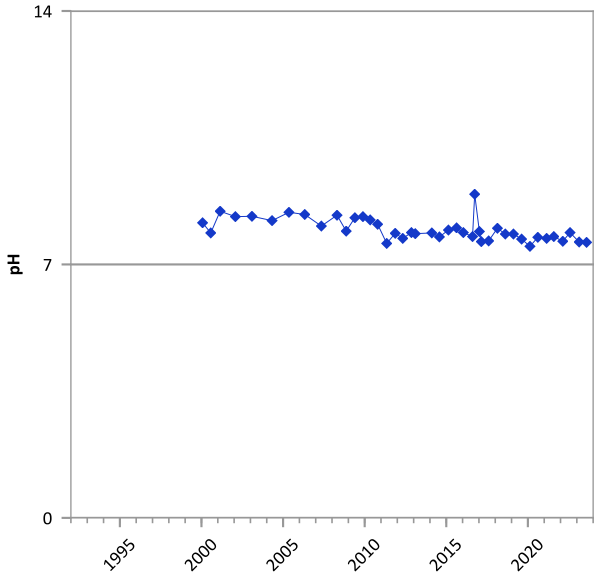
Well Location

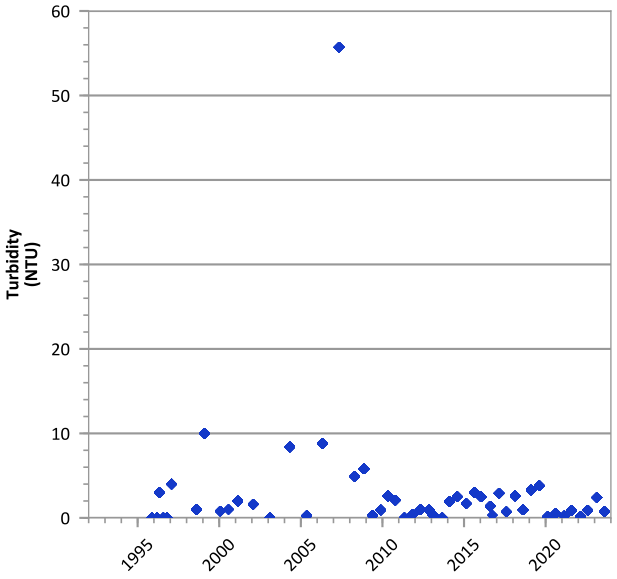


PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

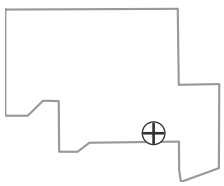






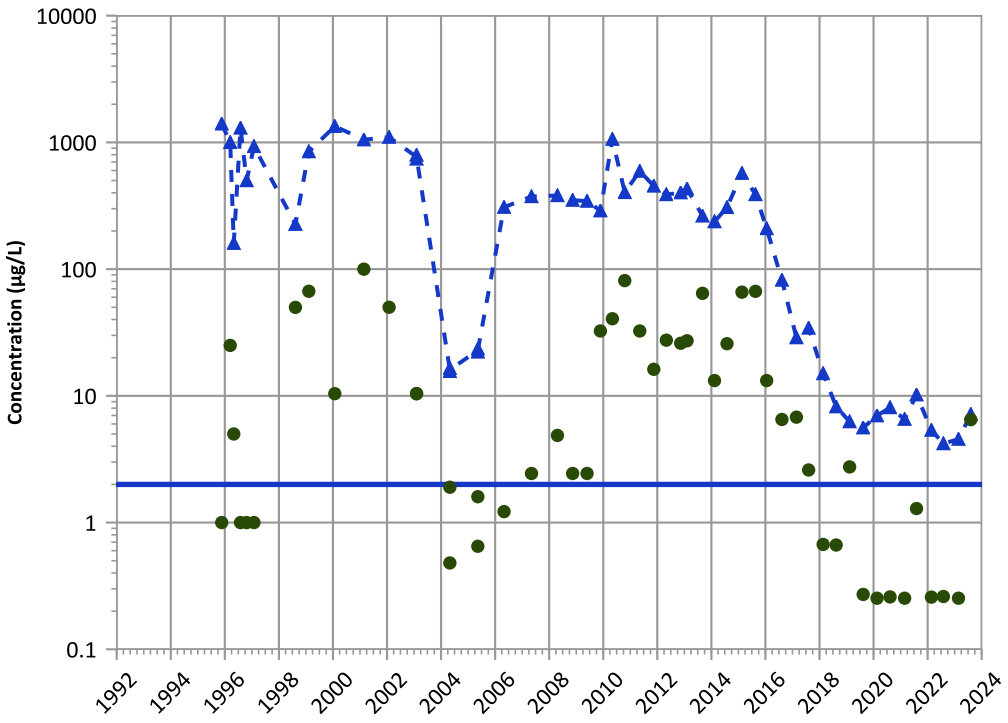


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

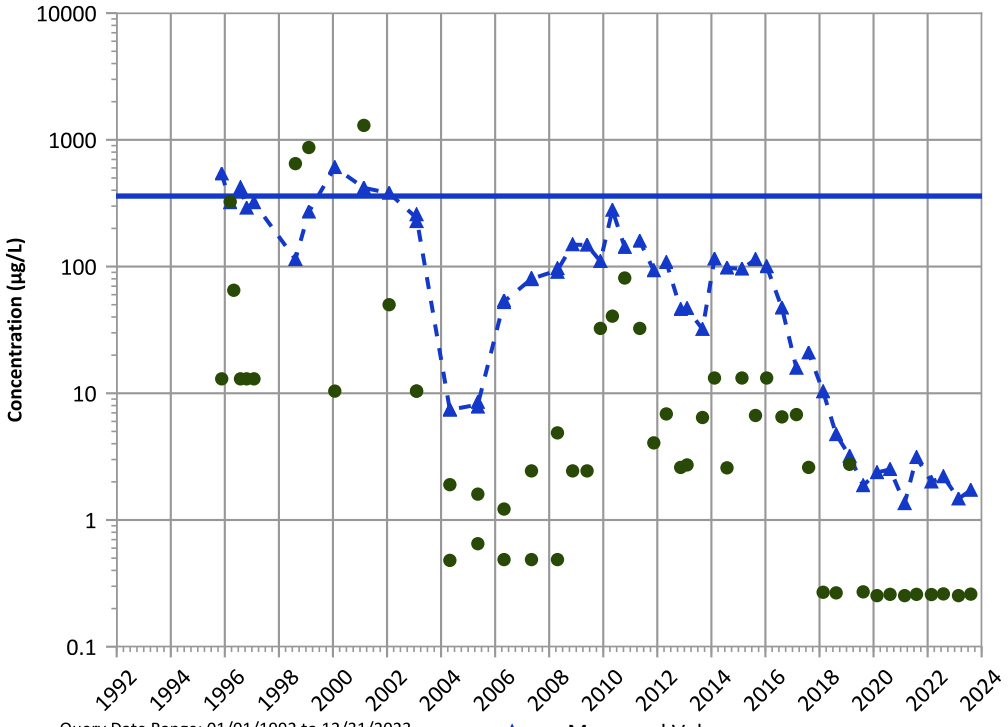


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

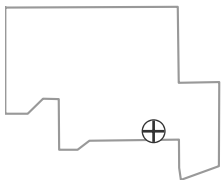
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

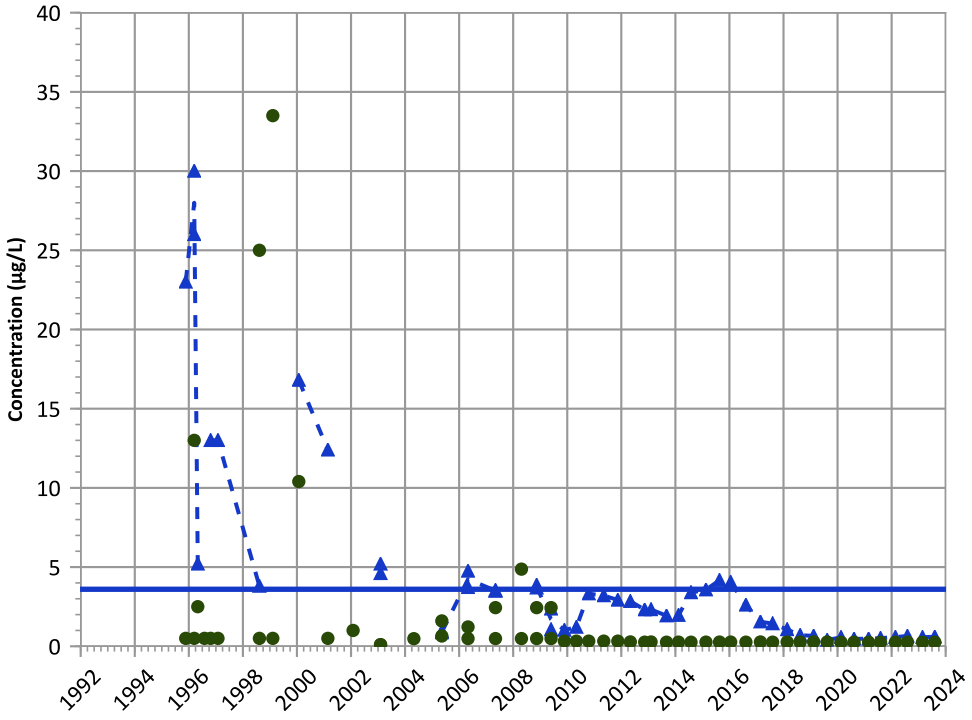
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

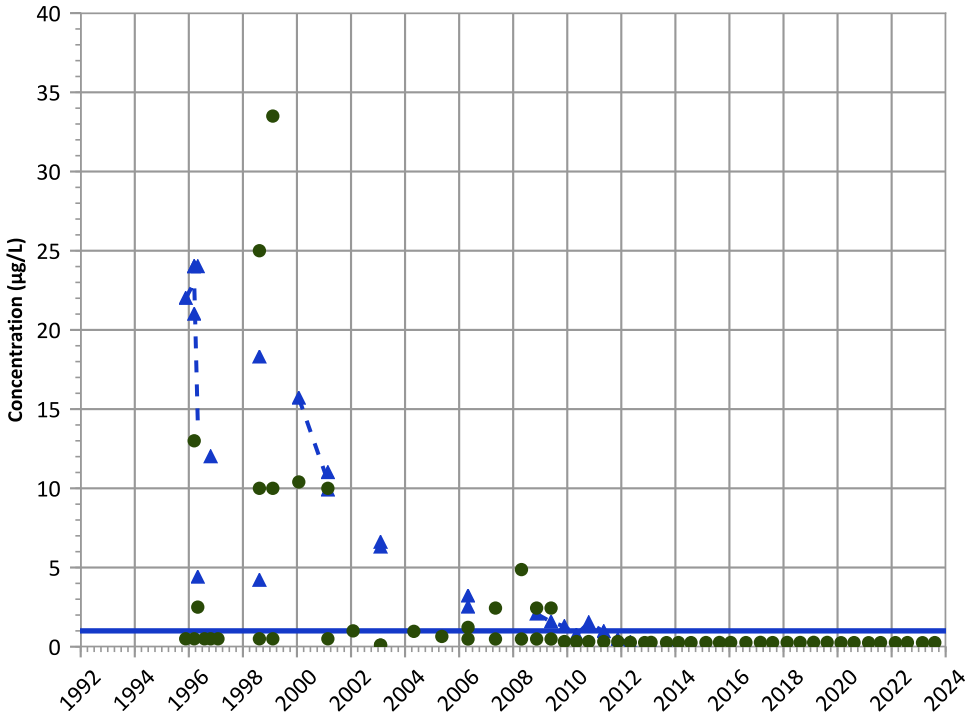


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

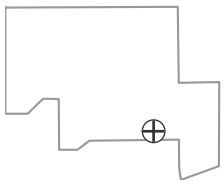
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

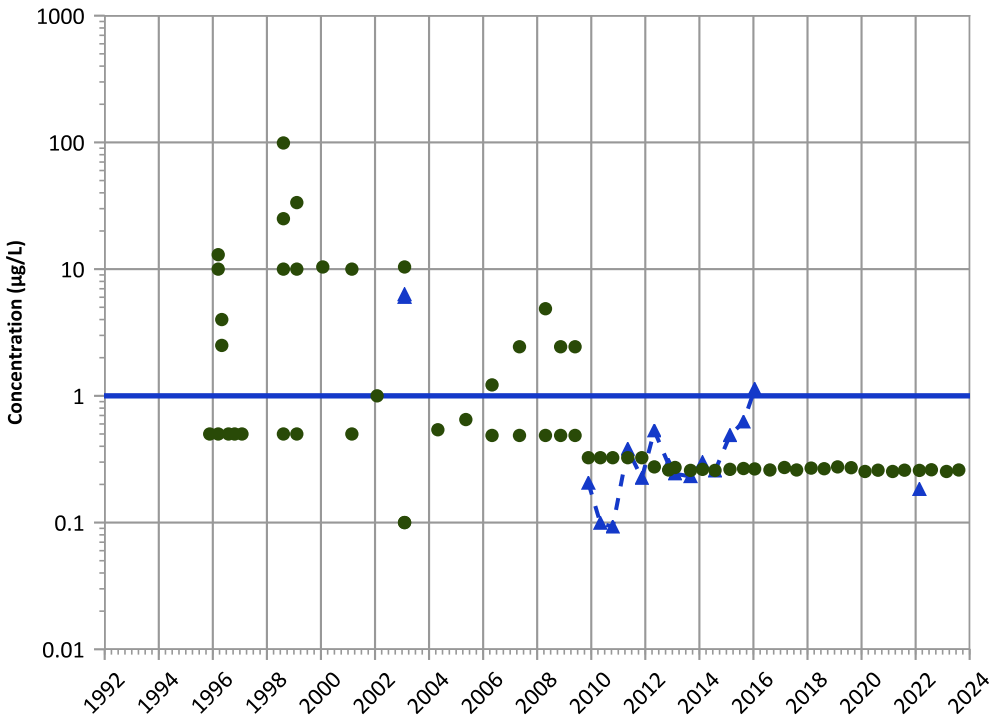
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

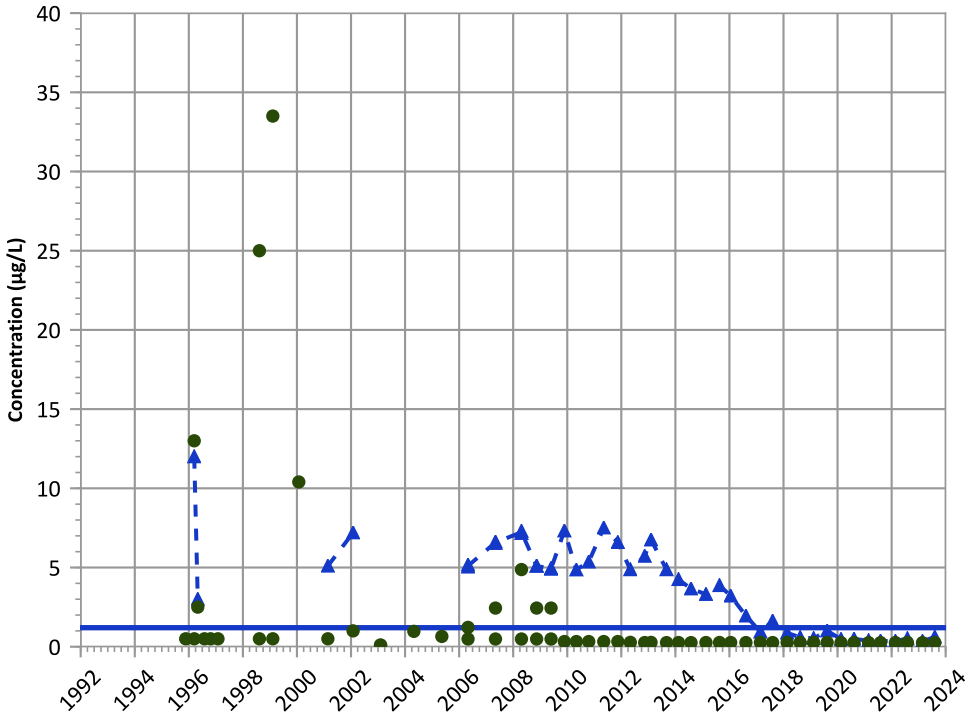


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

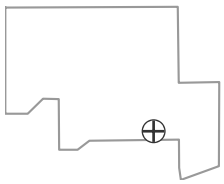
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

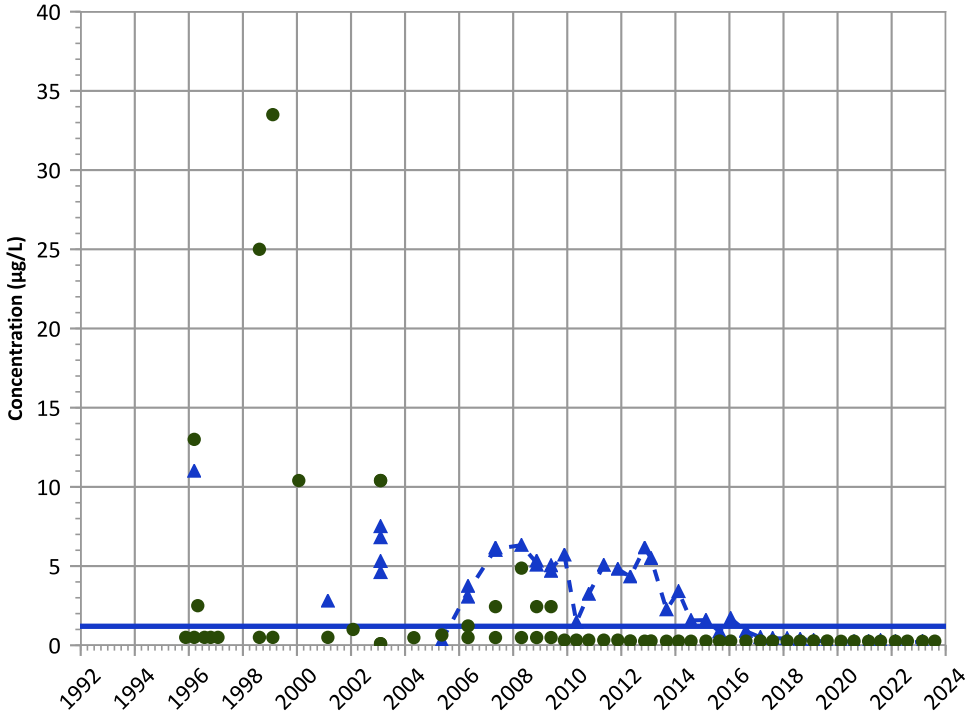
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

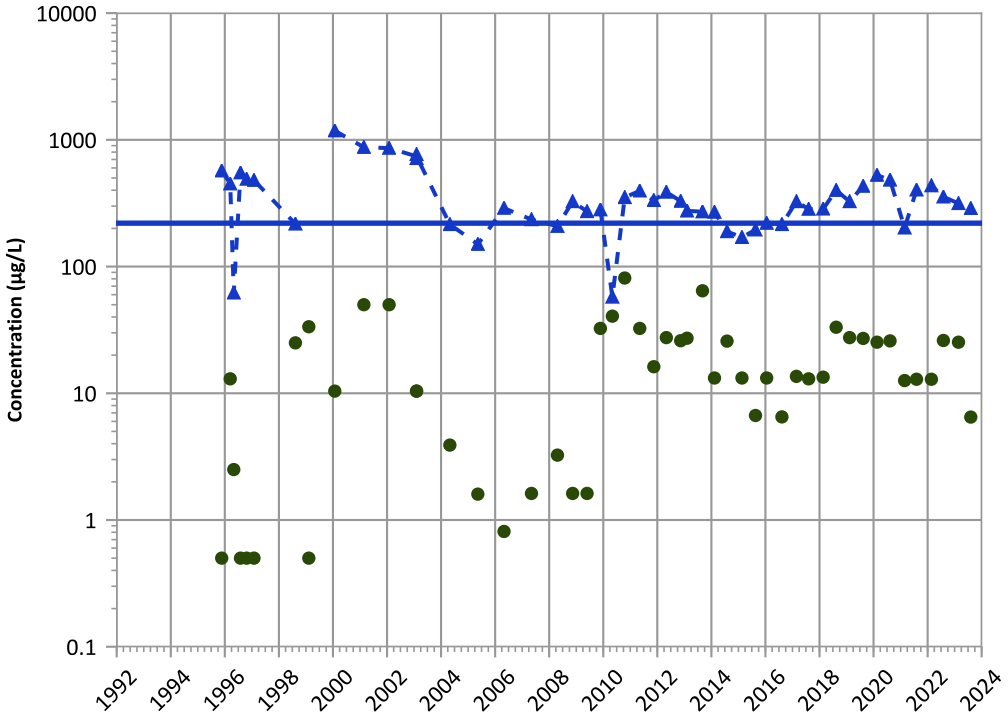


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

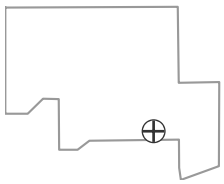
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

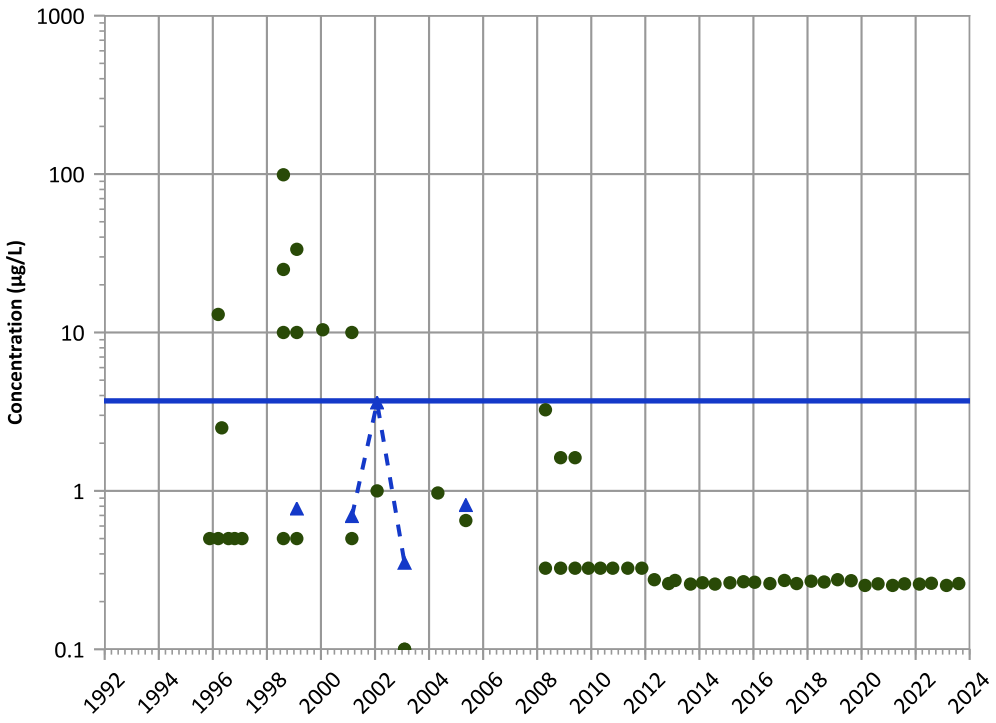
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

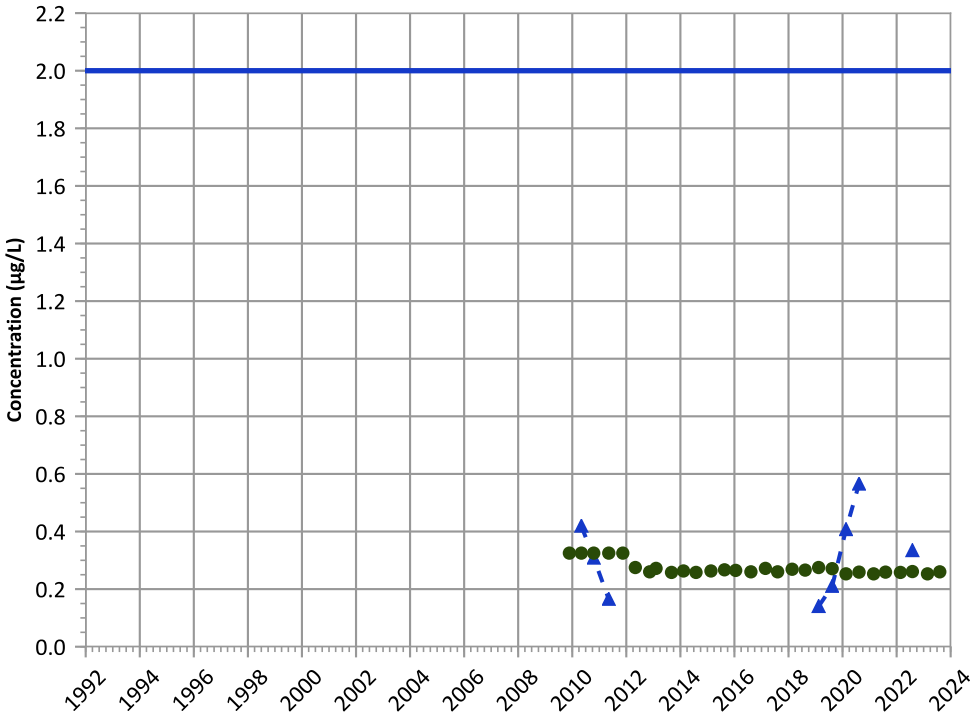


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
No Trend

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

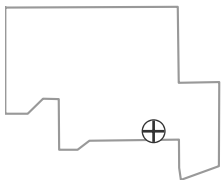
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

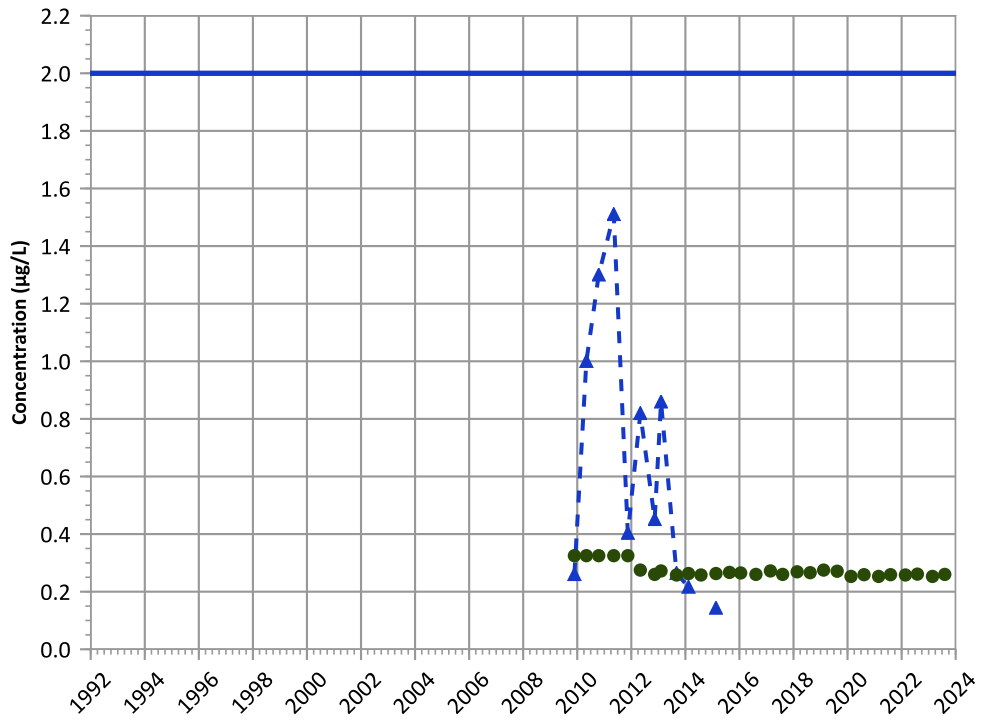
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

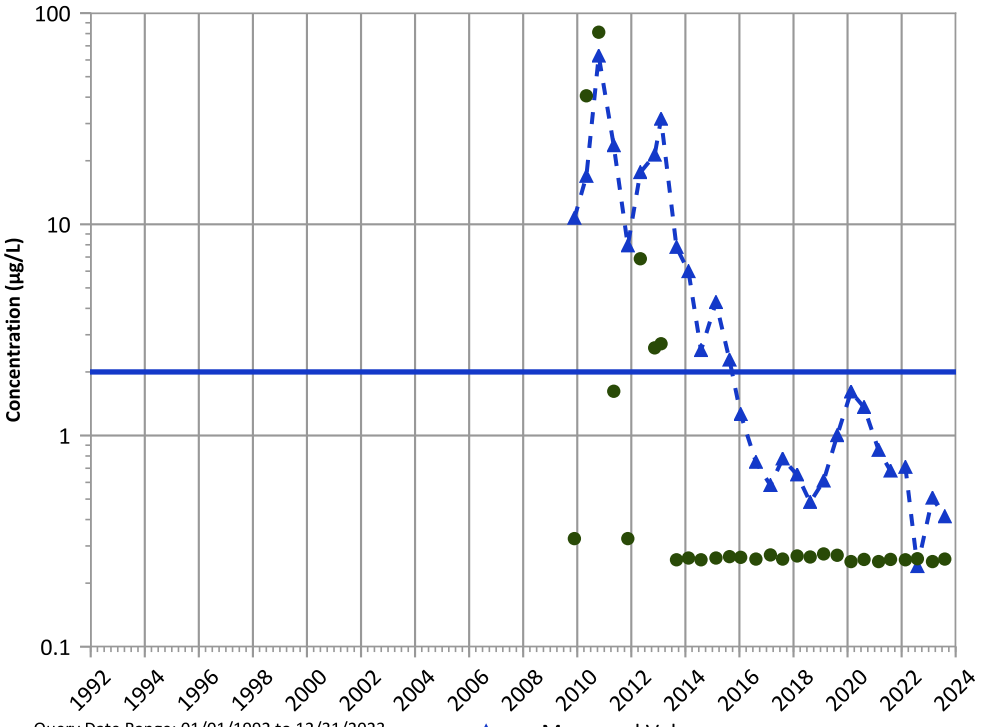


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

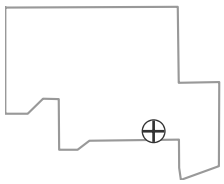
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

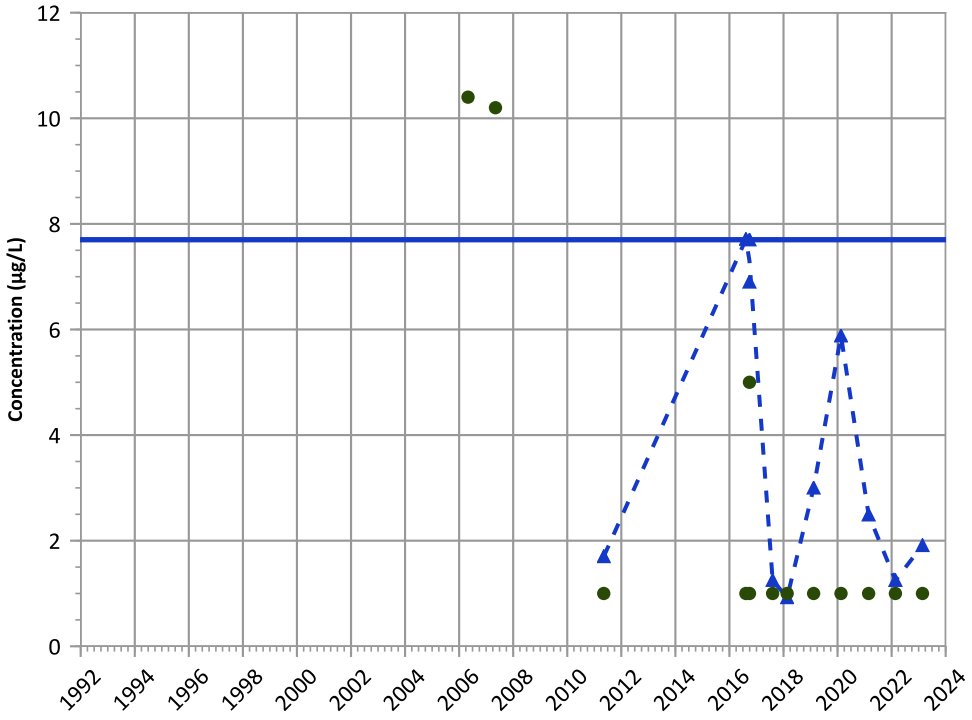
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

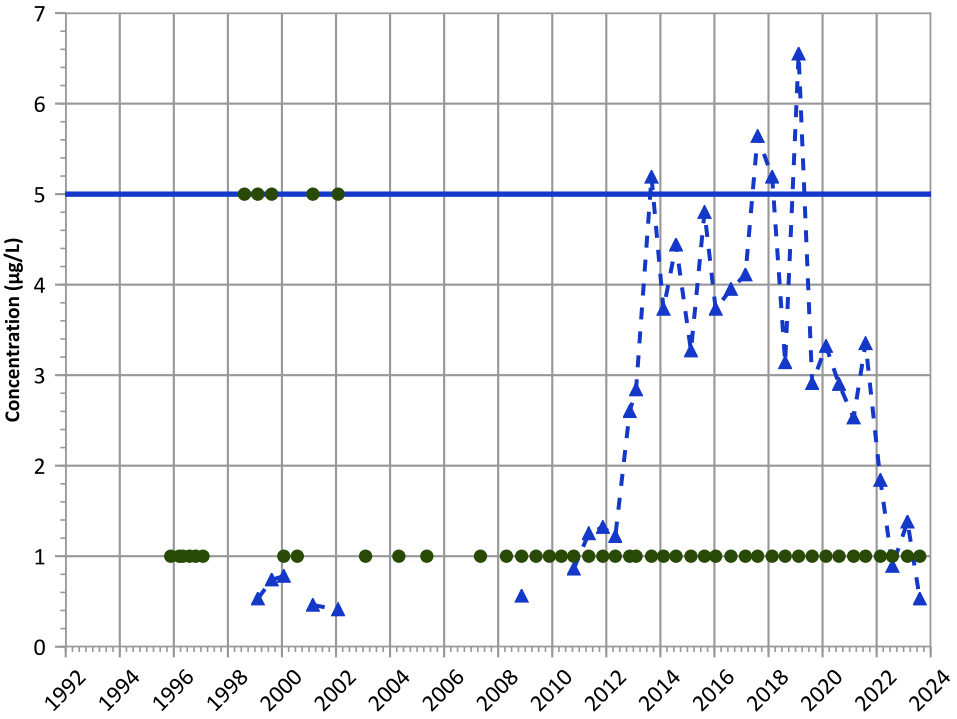


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

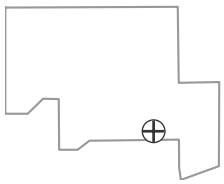
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

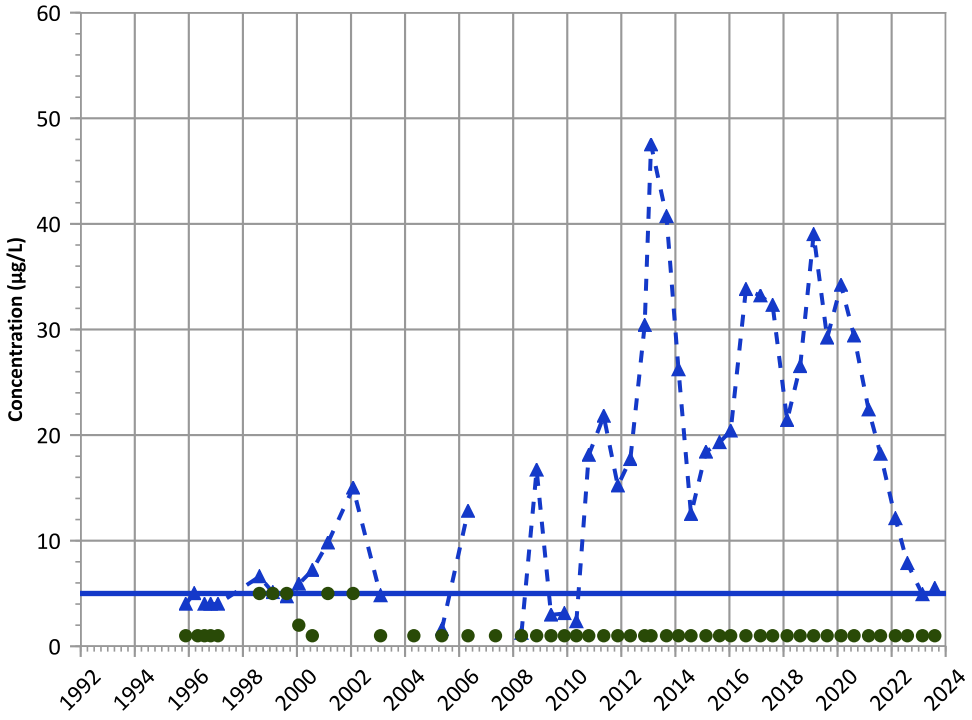
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

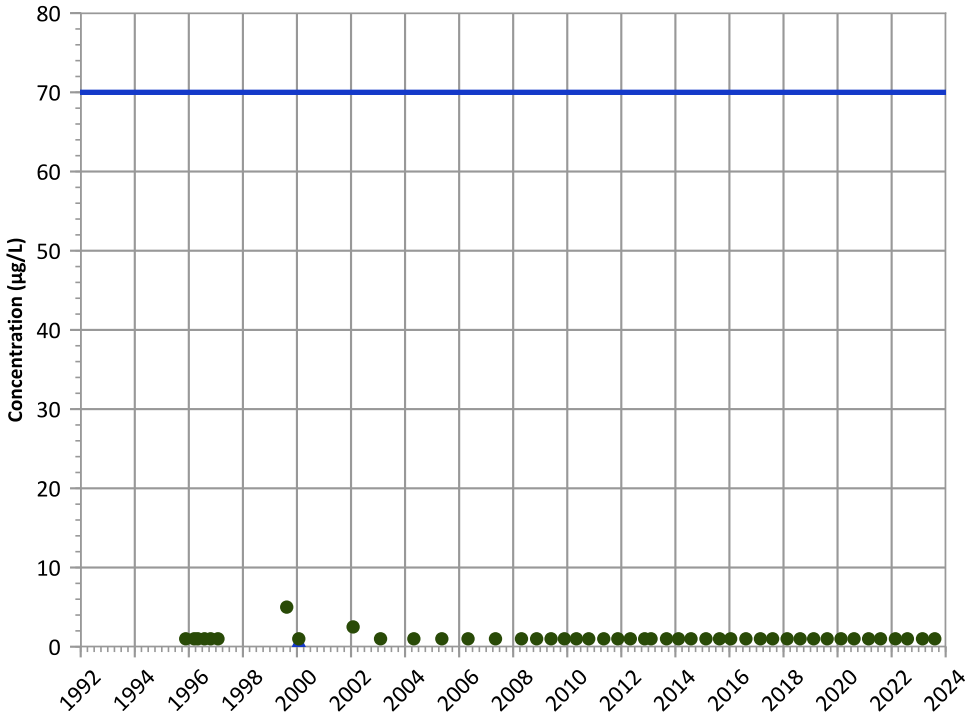


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

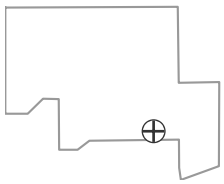
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

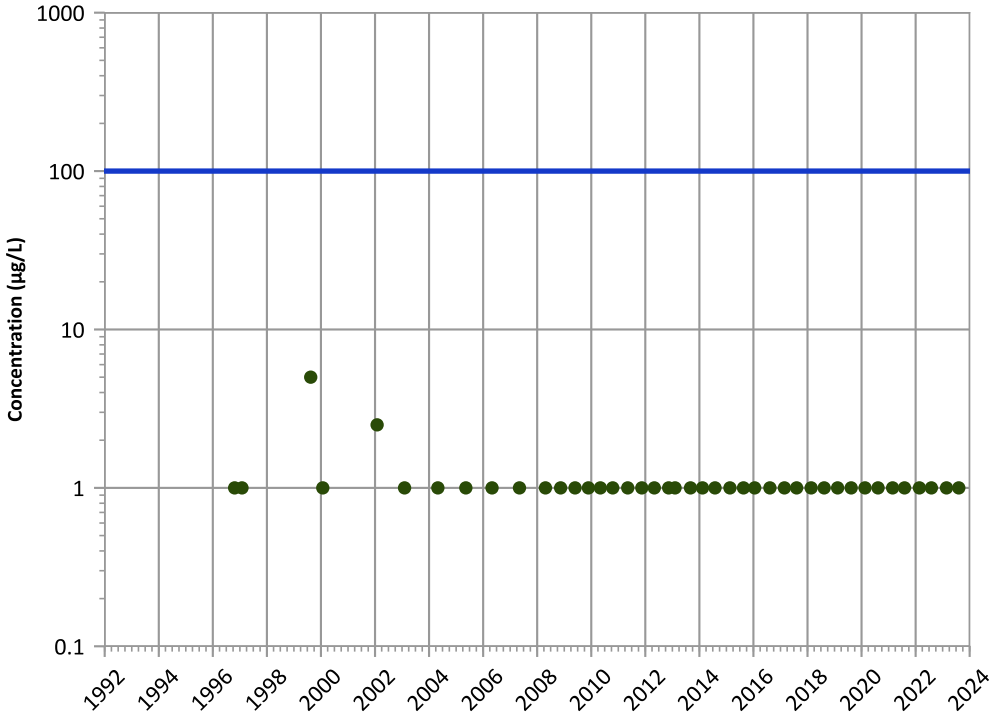
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

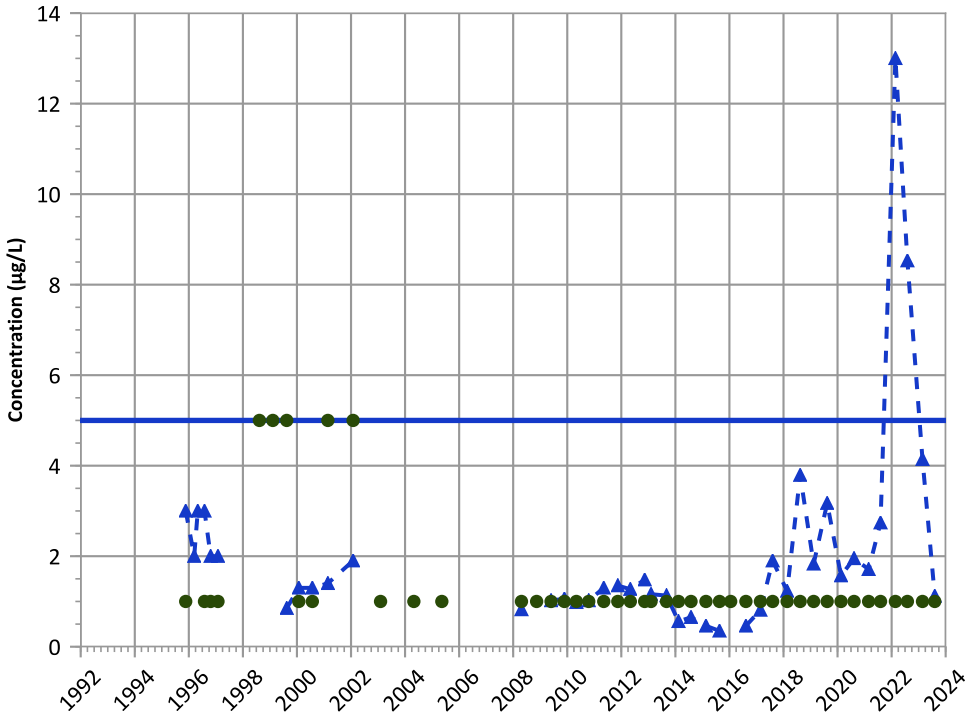


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

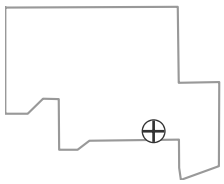
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

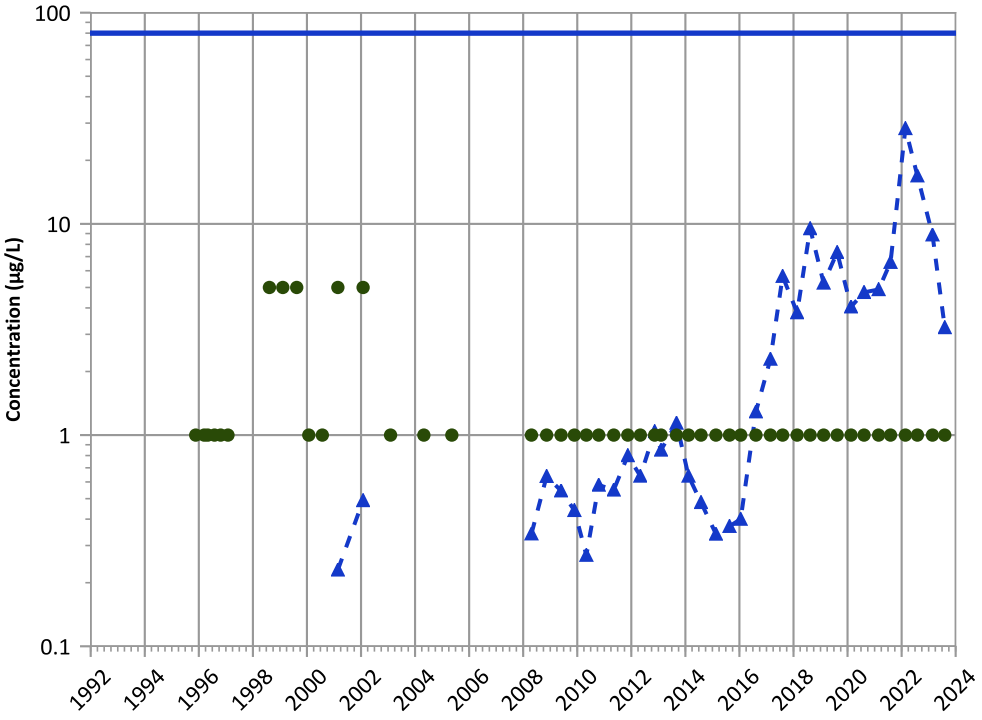
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

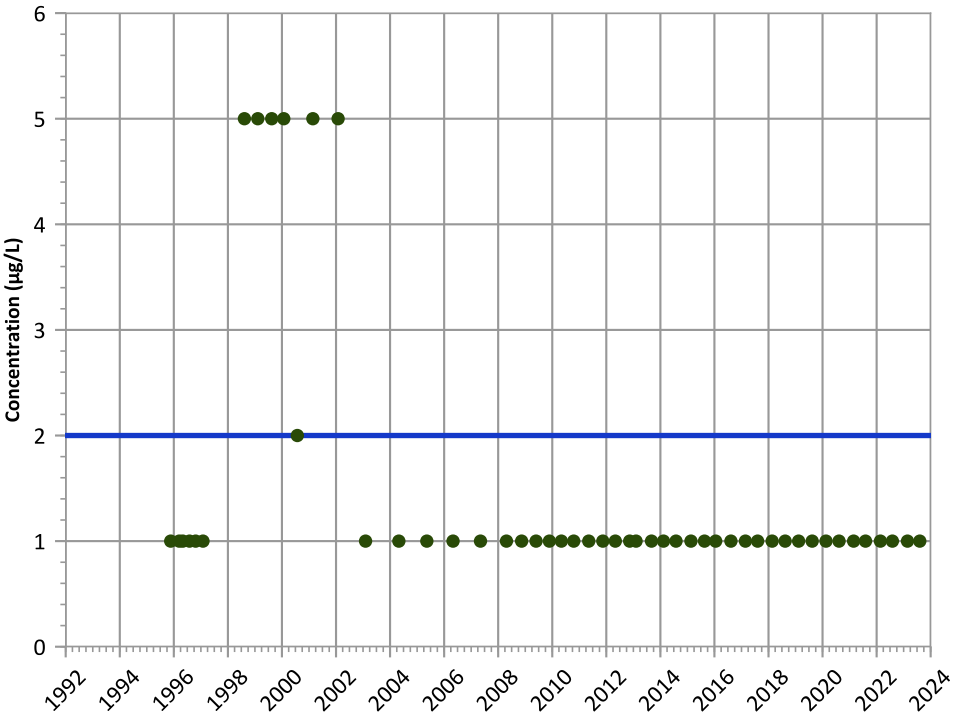


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Vinyl Chloride Trend



Concentration Trend

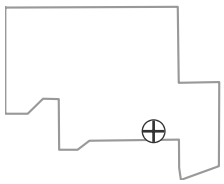
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

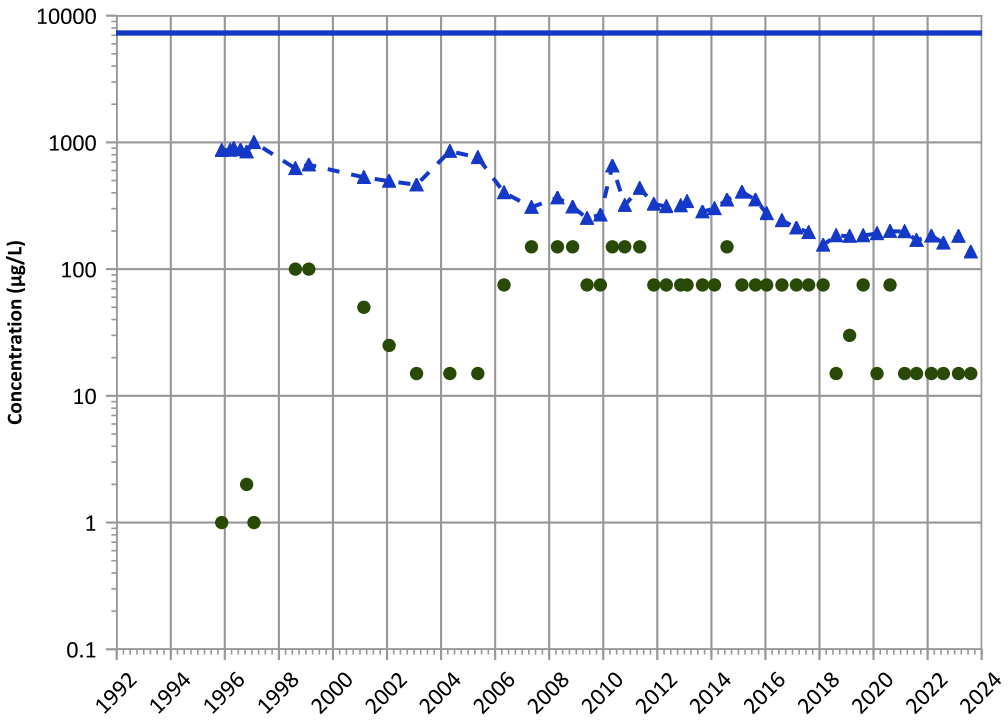
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

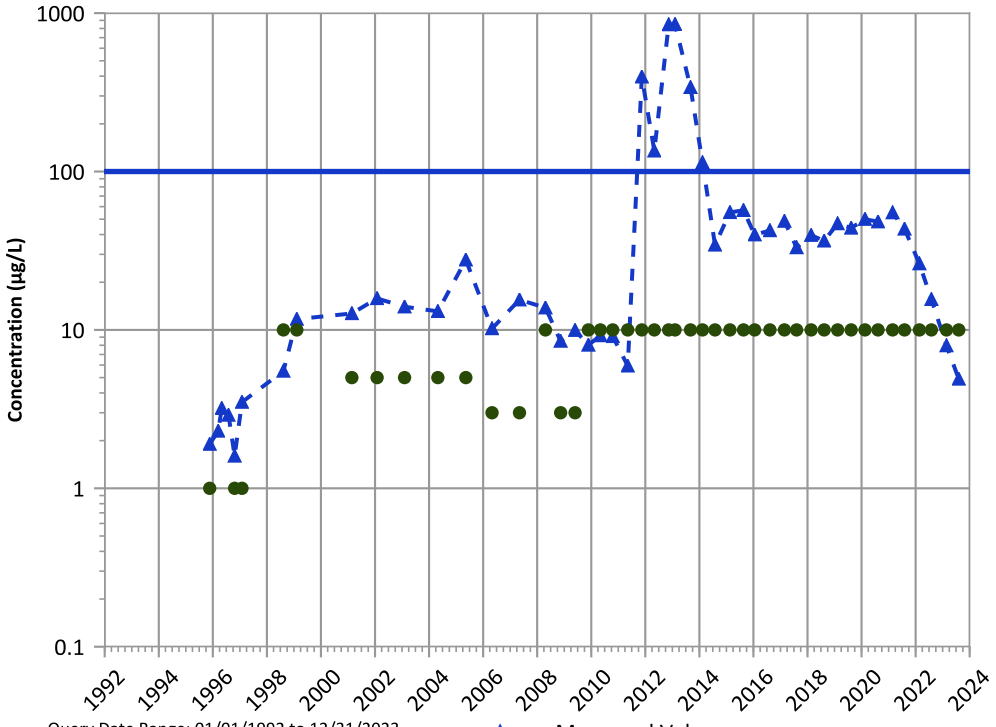


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Total Trend



Concentration Trend

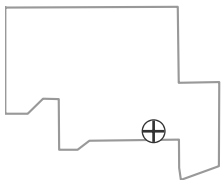
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

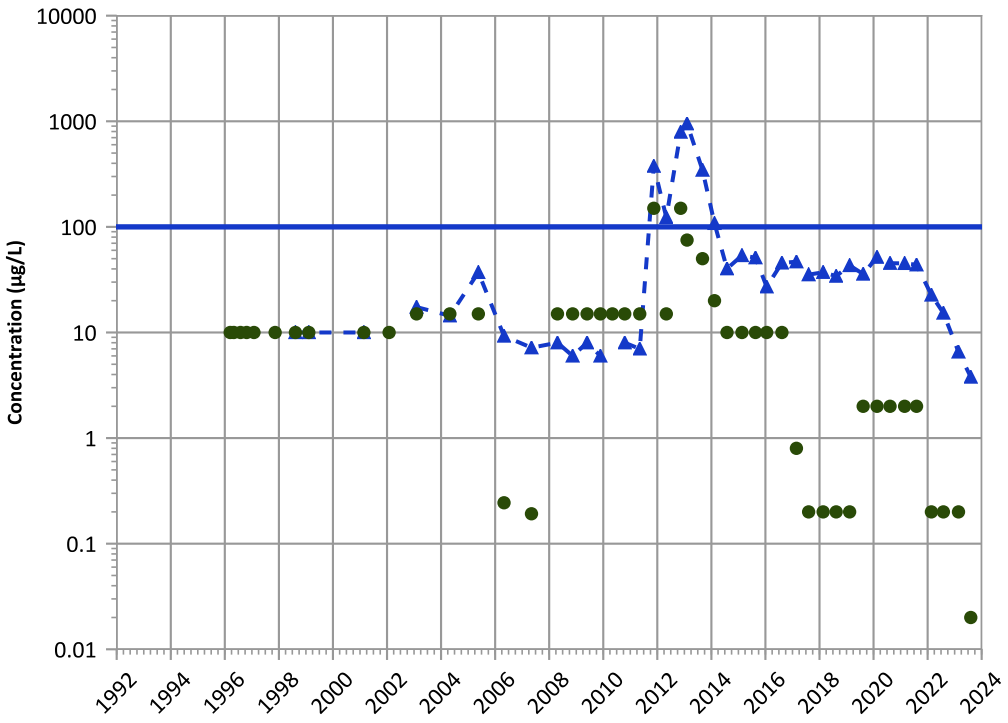
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

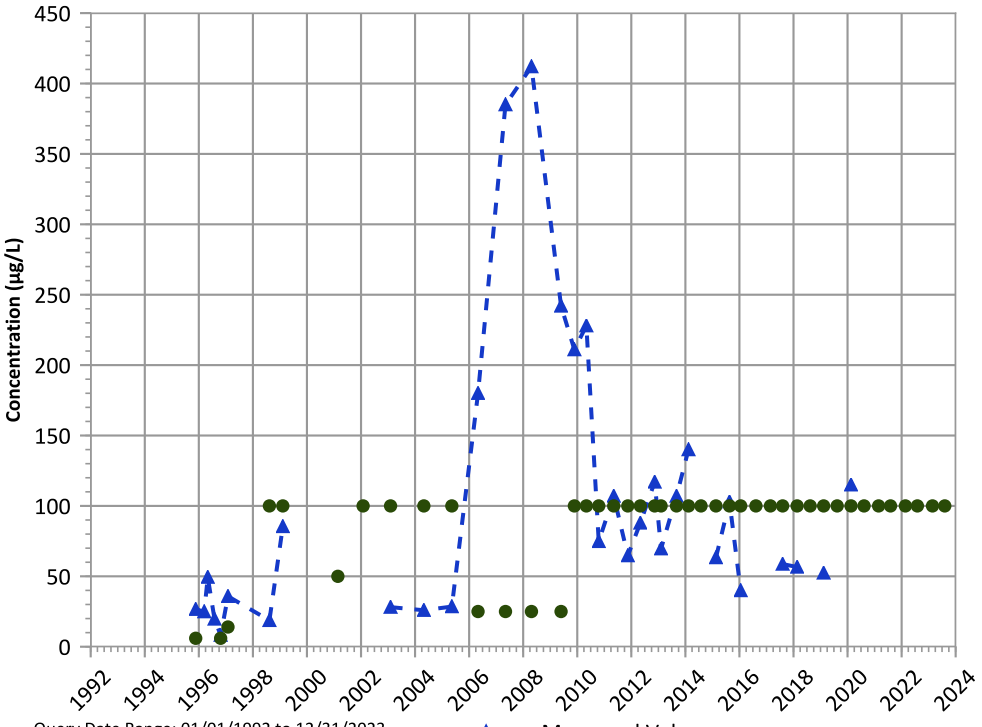


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Iron Trend



Concentration Trend

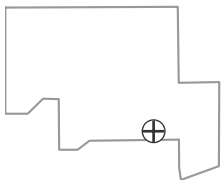
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

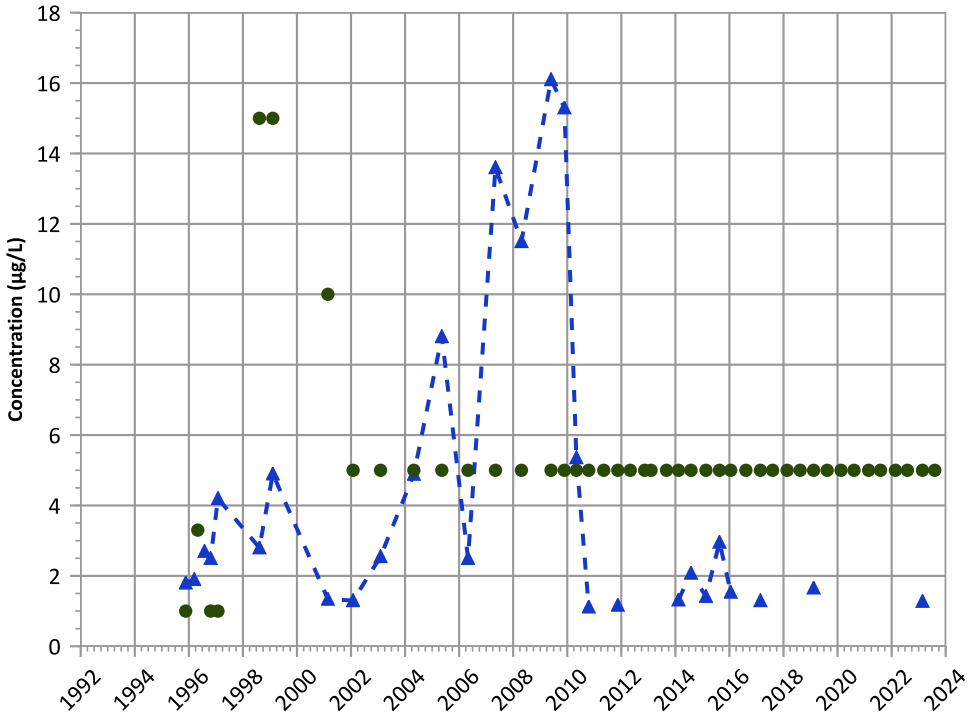
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

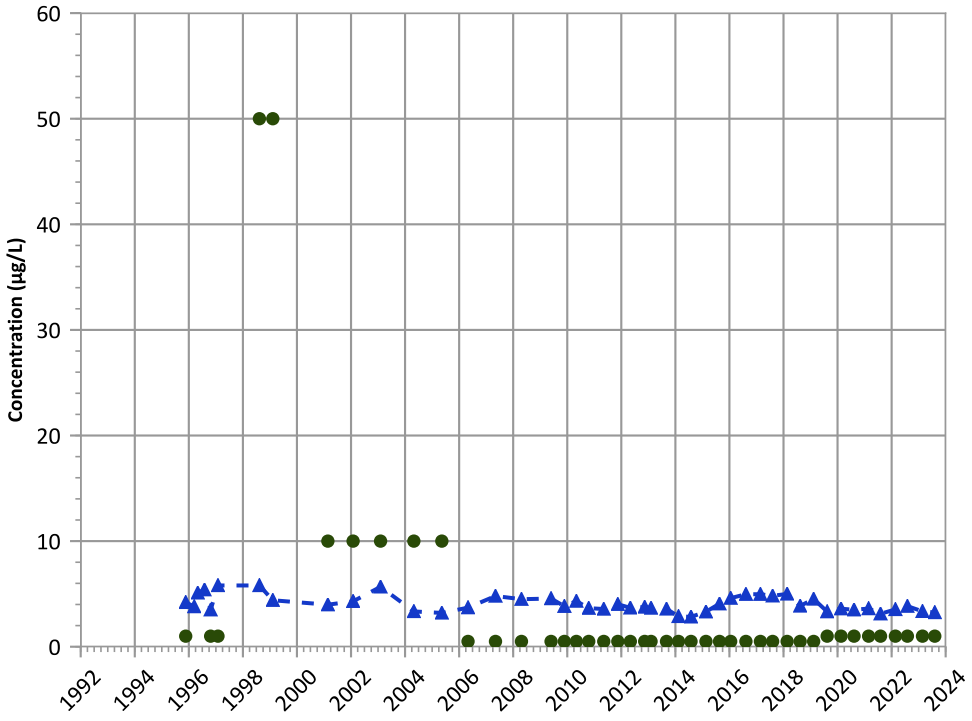


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Molybdenum Trend



Concentration Trend

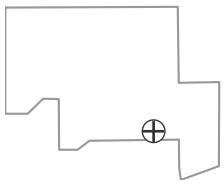
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

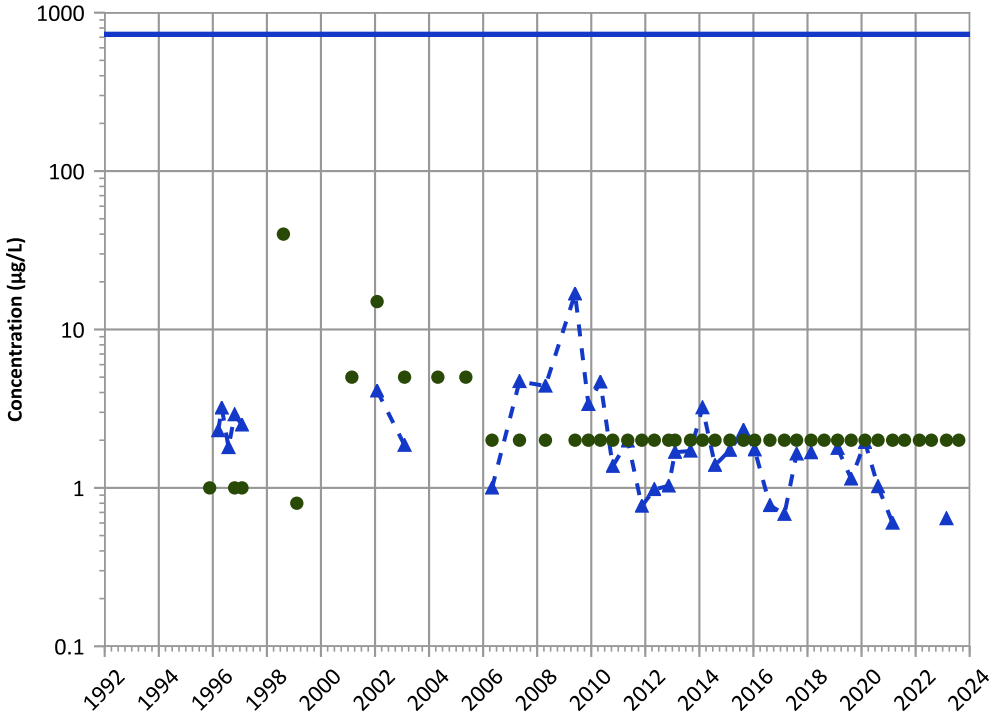
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

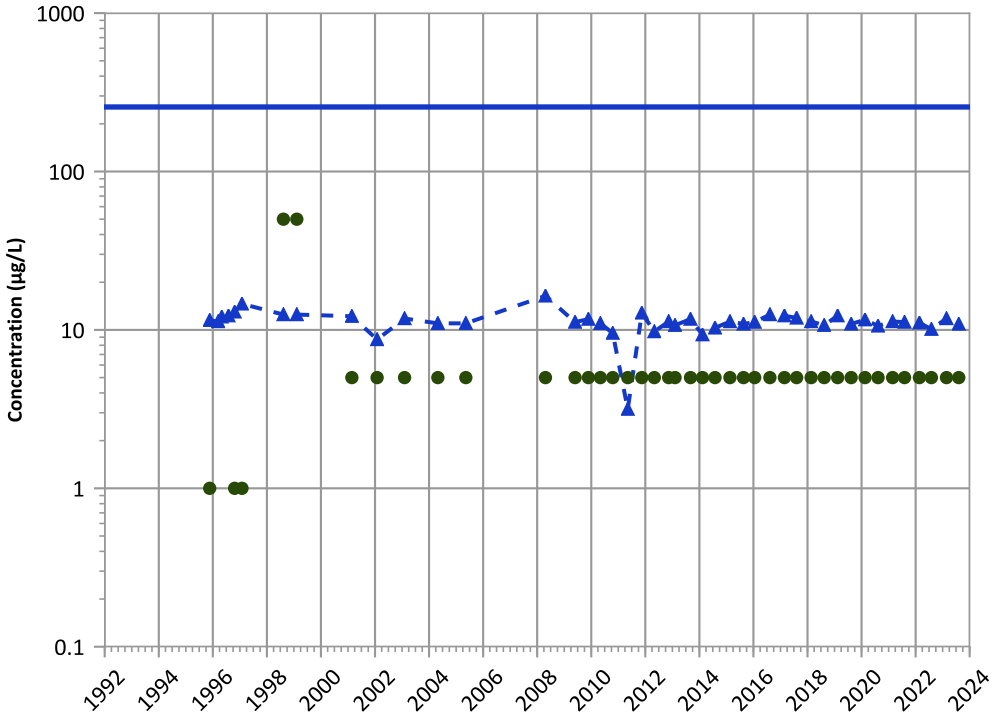


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Vanadium Trend



Concentration Trend

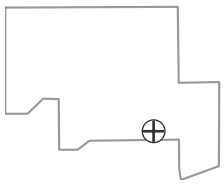
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

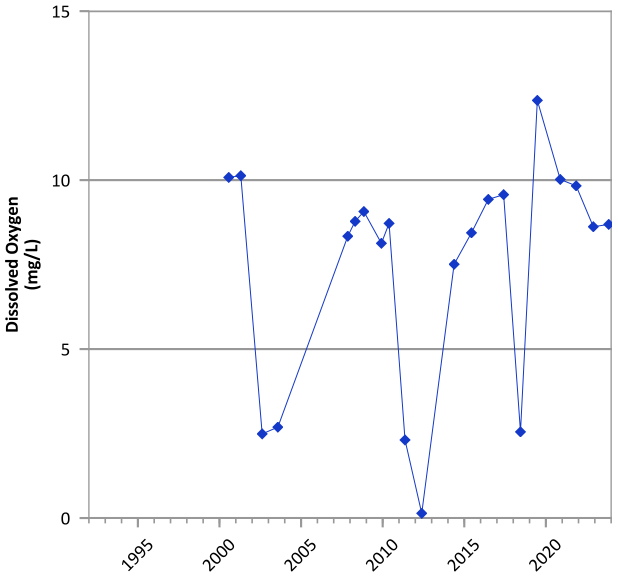
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/20/1995 to 08/07/2023
Analysis Date: 04/01/2024

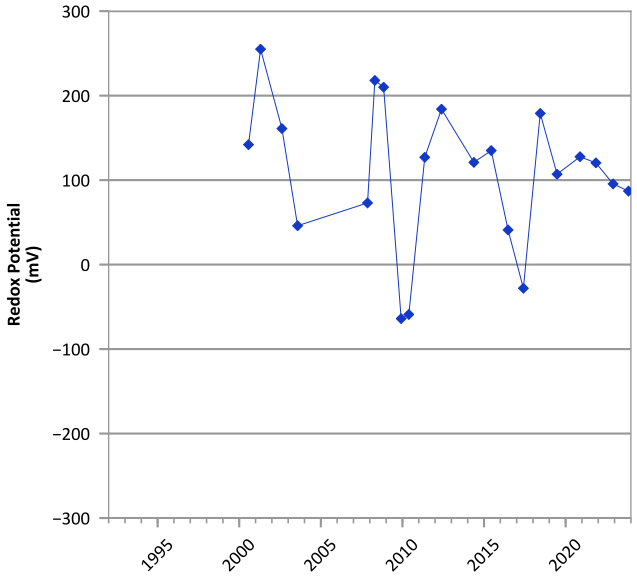
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

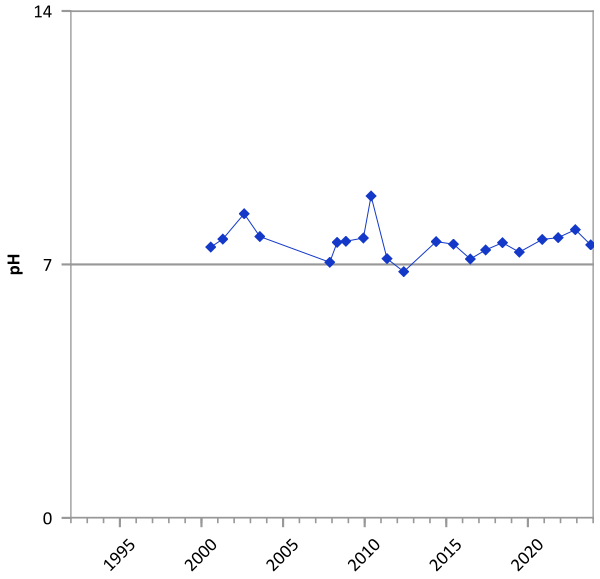
Well Location

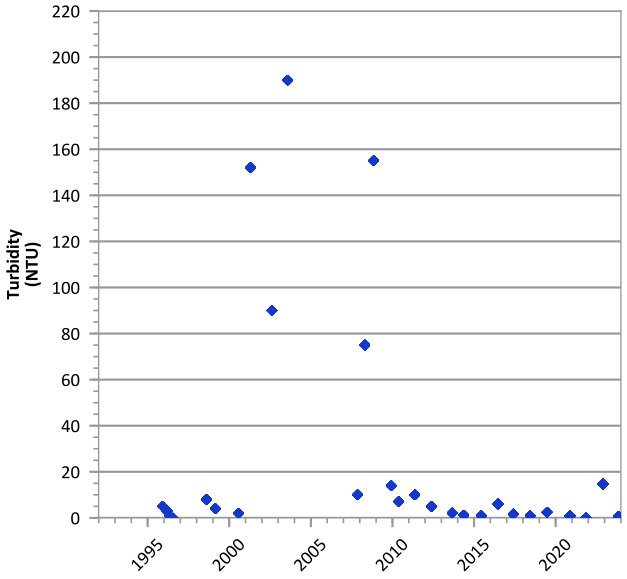


PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

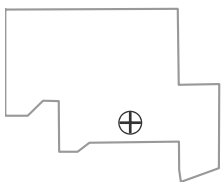






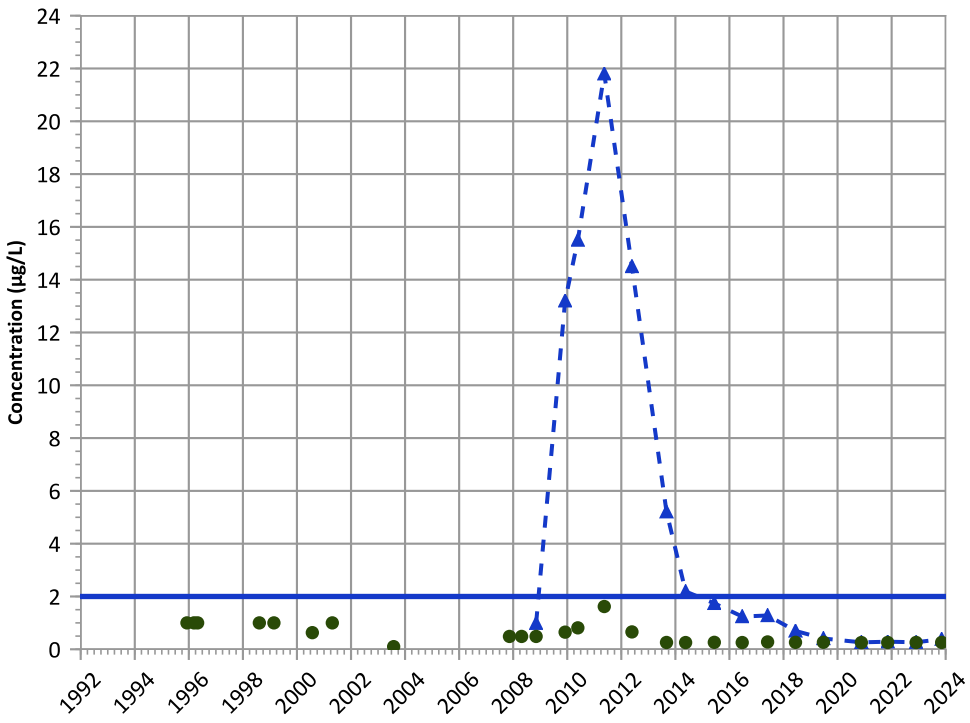


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

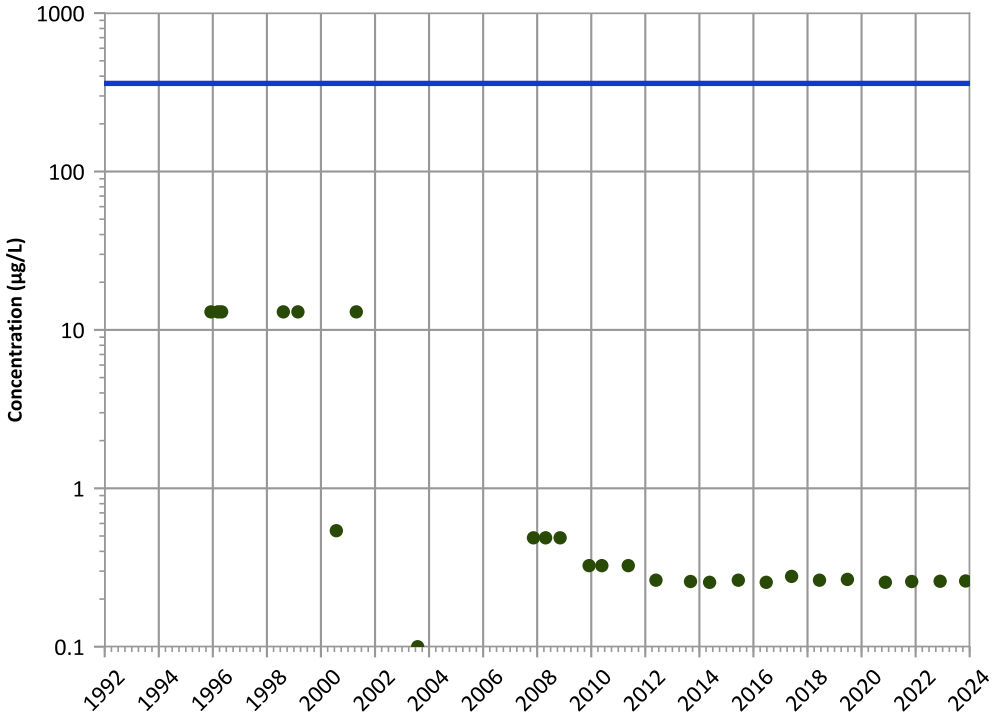


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

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



Concentration Trend

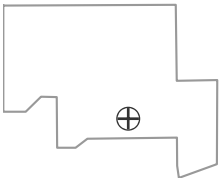
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

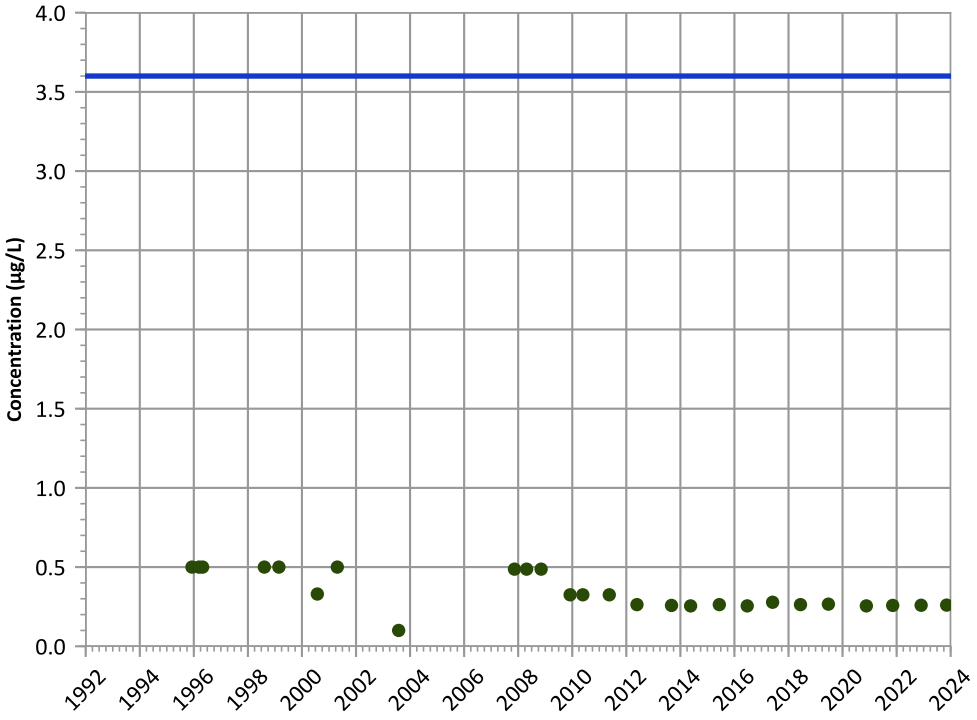
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

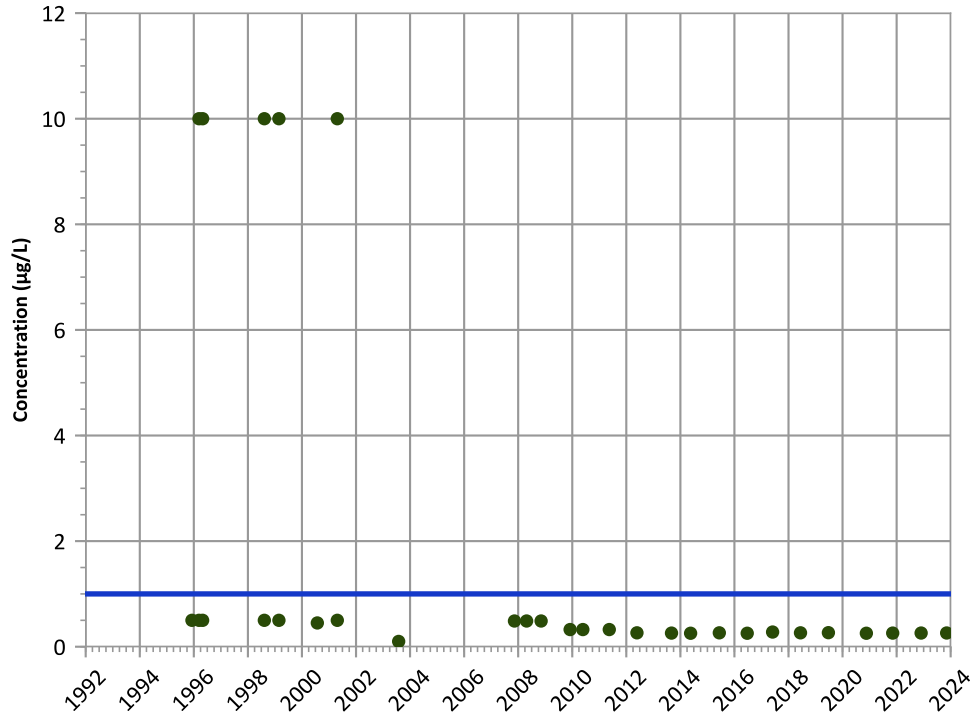


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

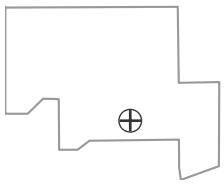
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

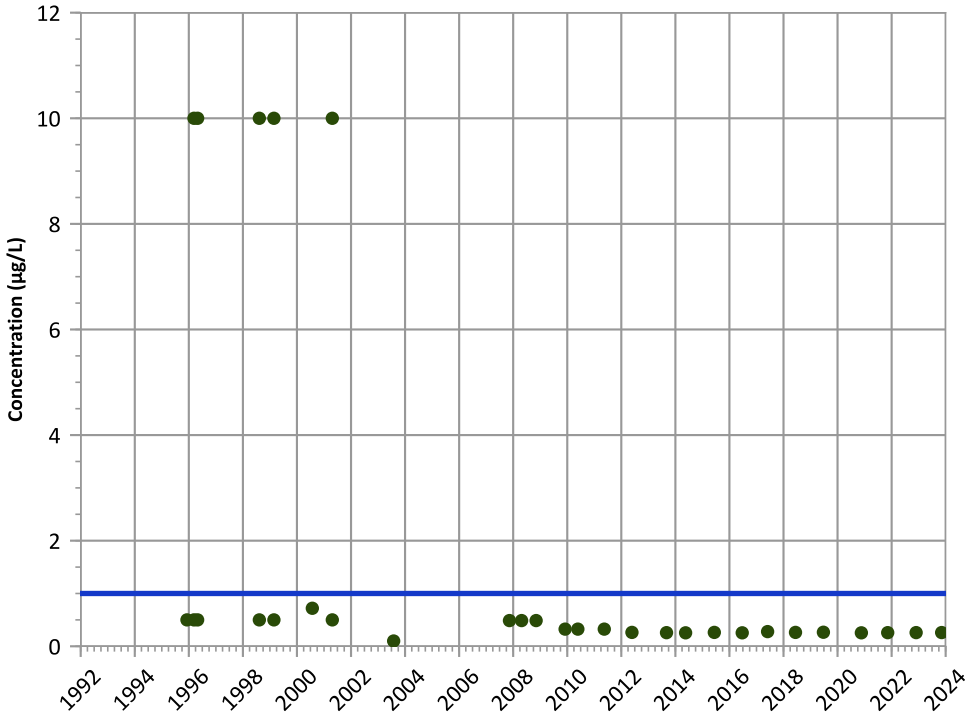
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

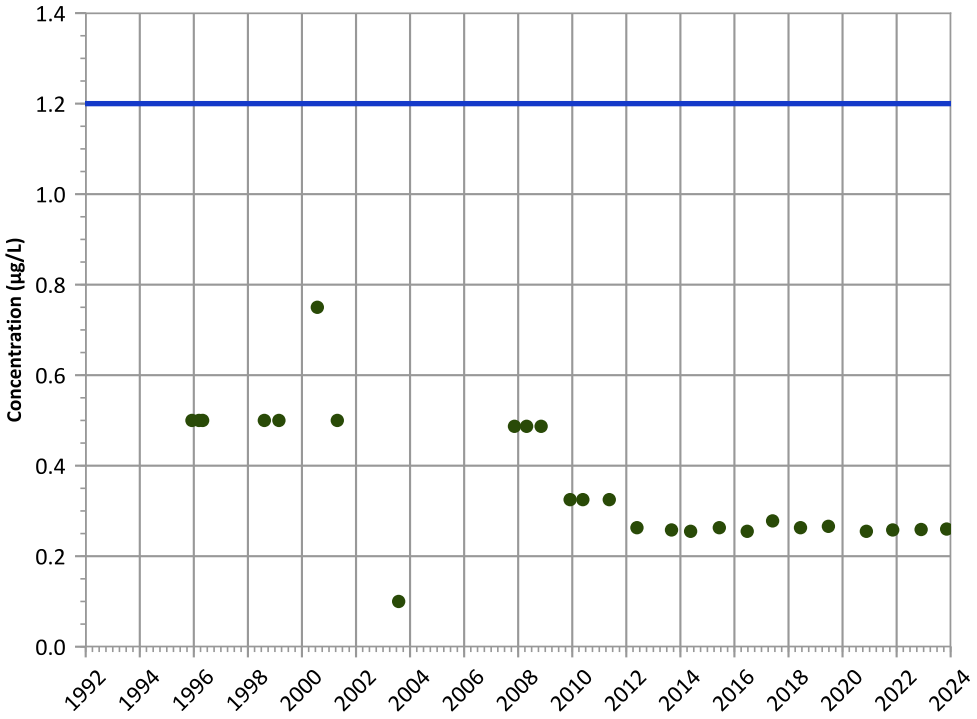
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



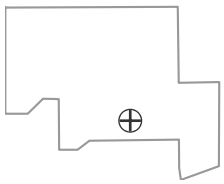
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

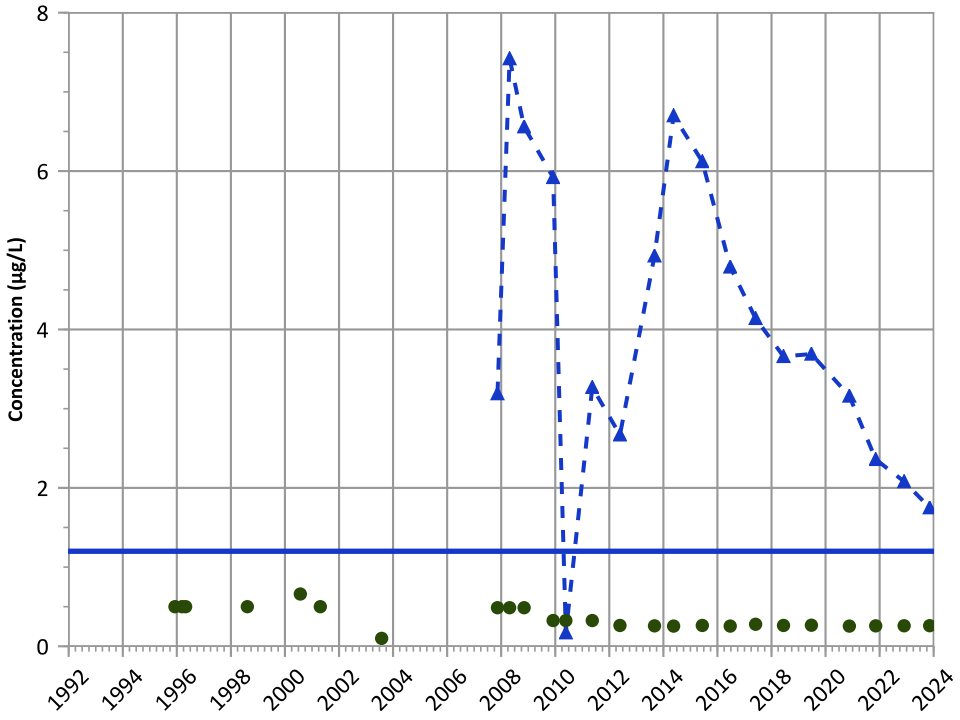
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

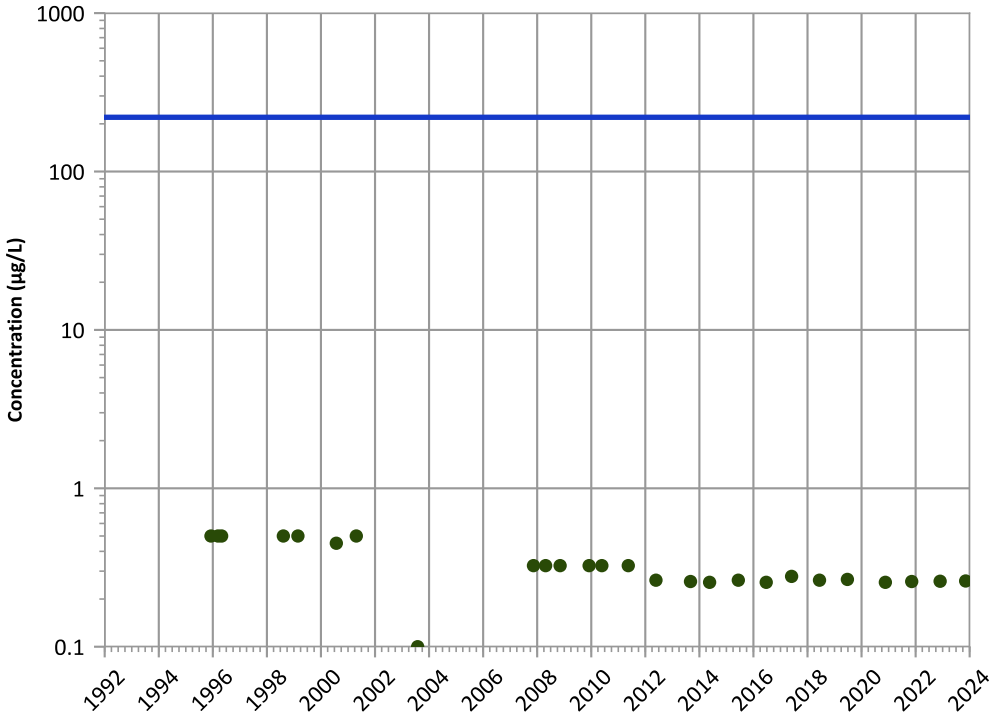


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

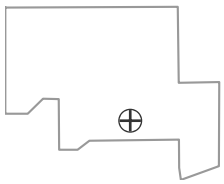
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

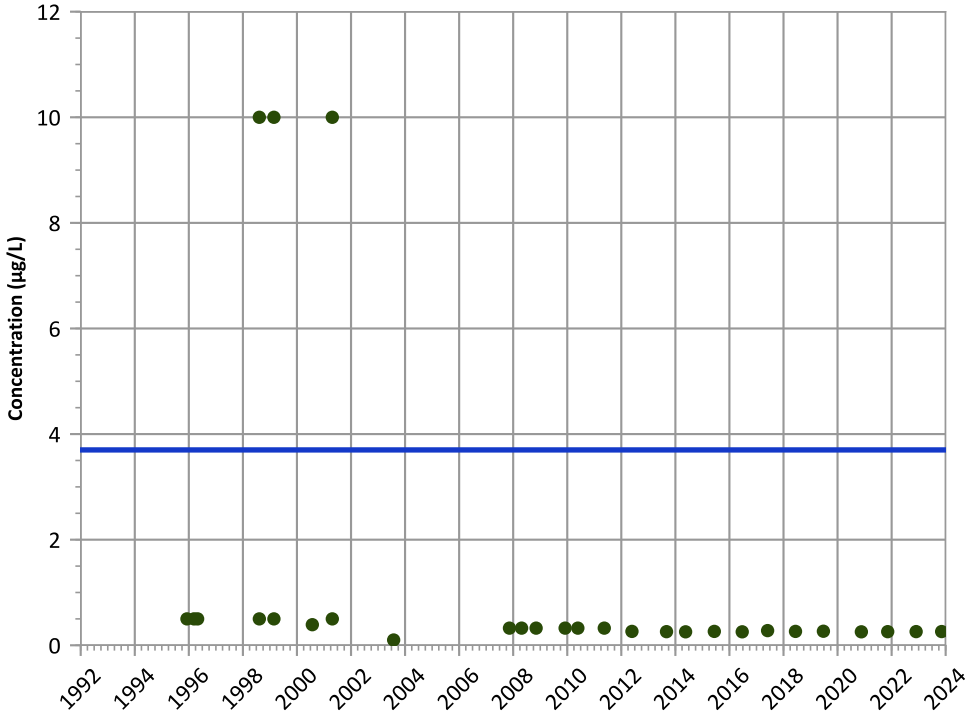
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

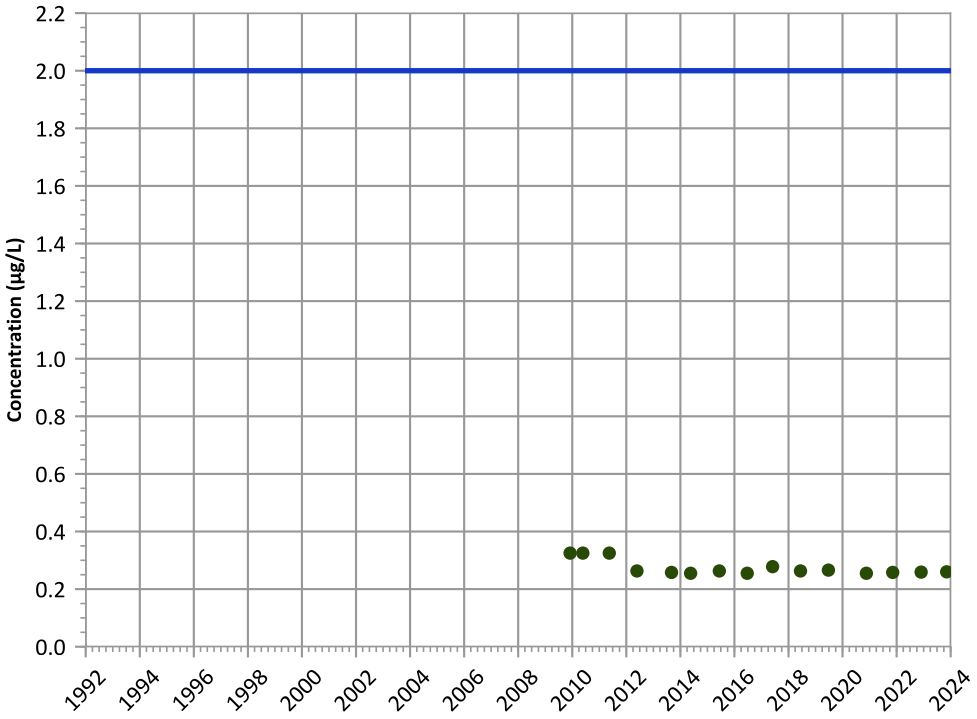


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

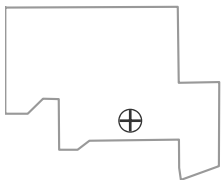
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

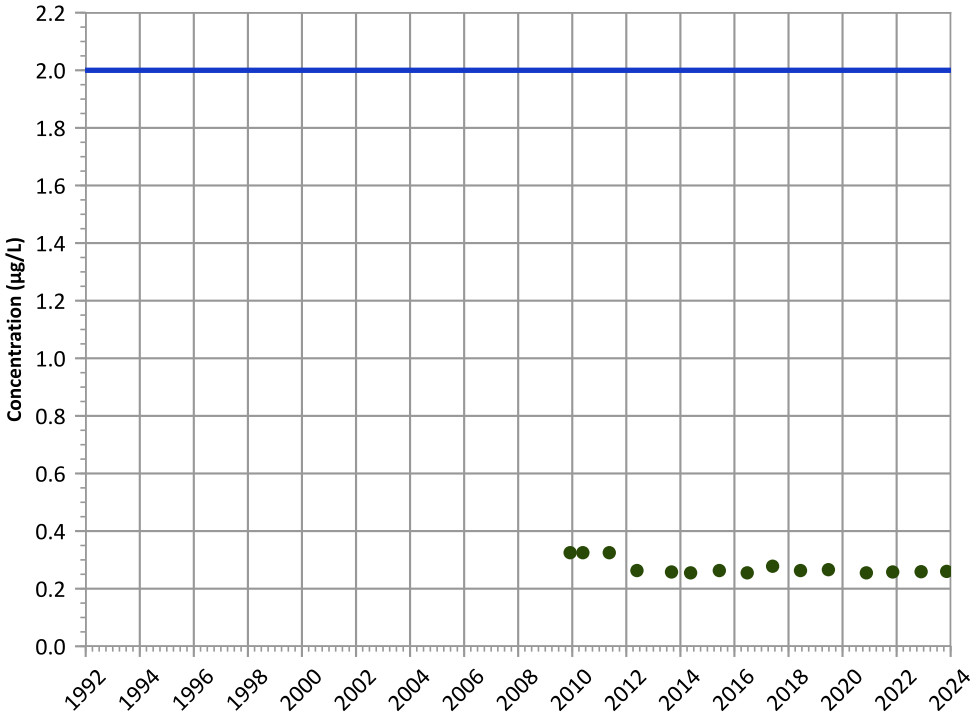
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

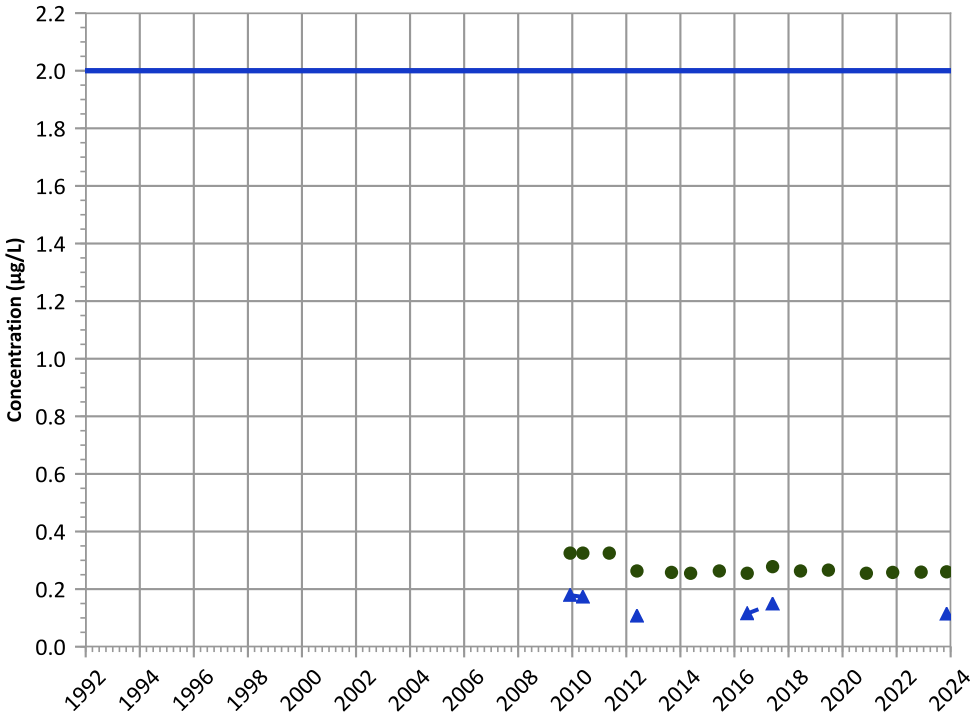


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

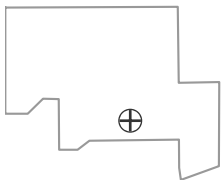
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

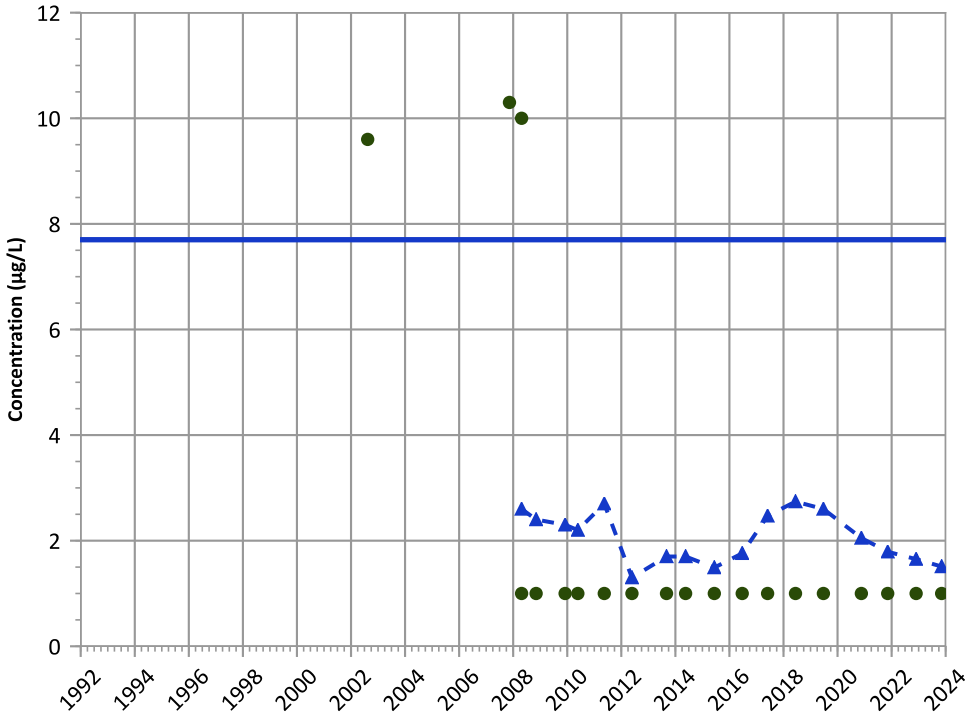
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

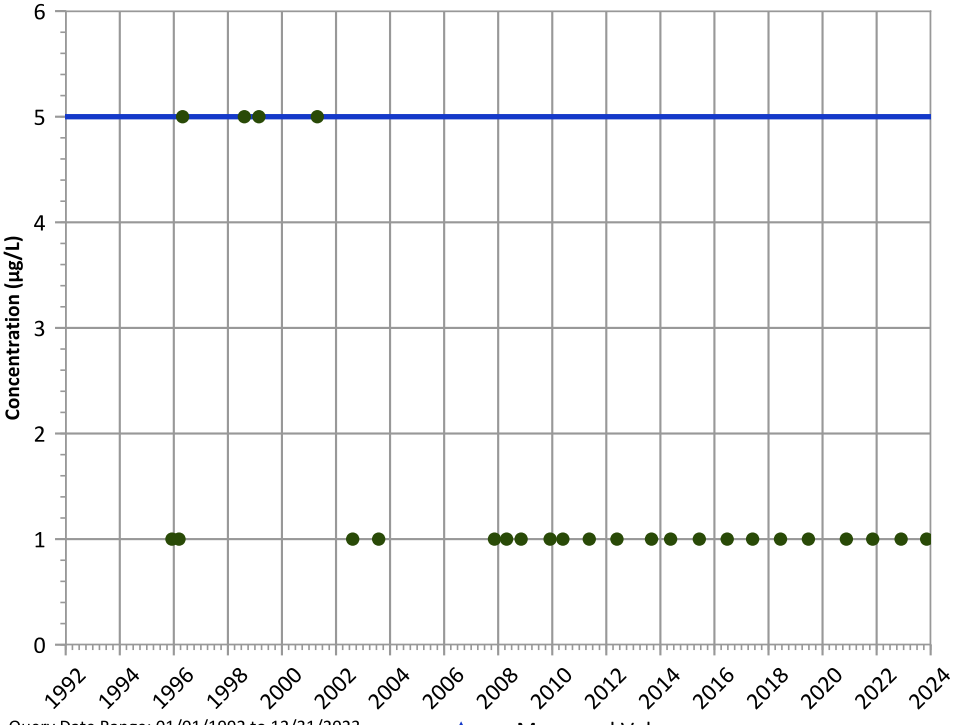


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

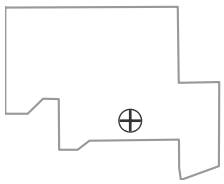
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

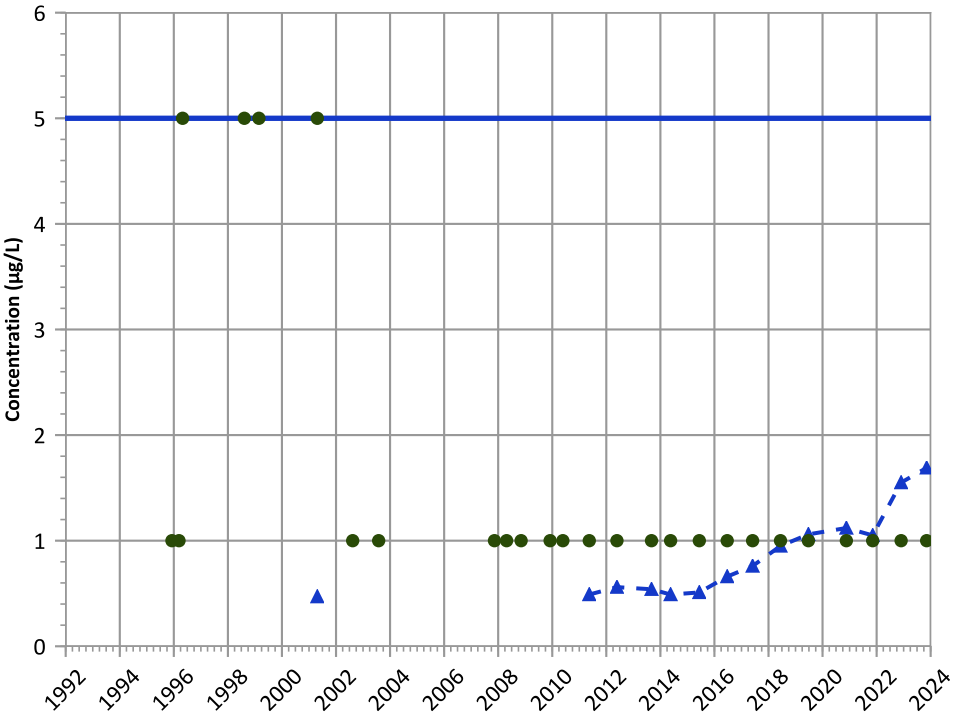
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

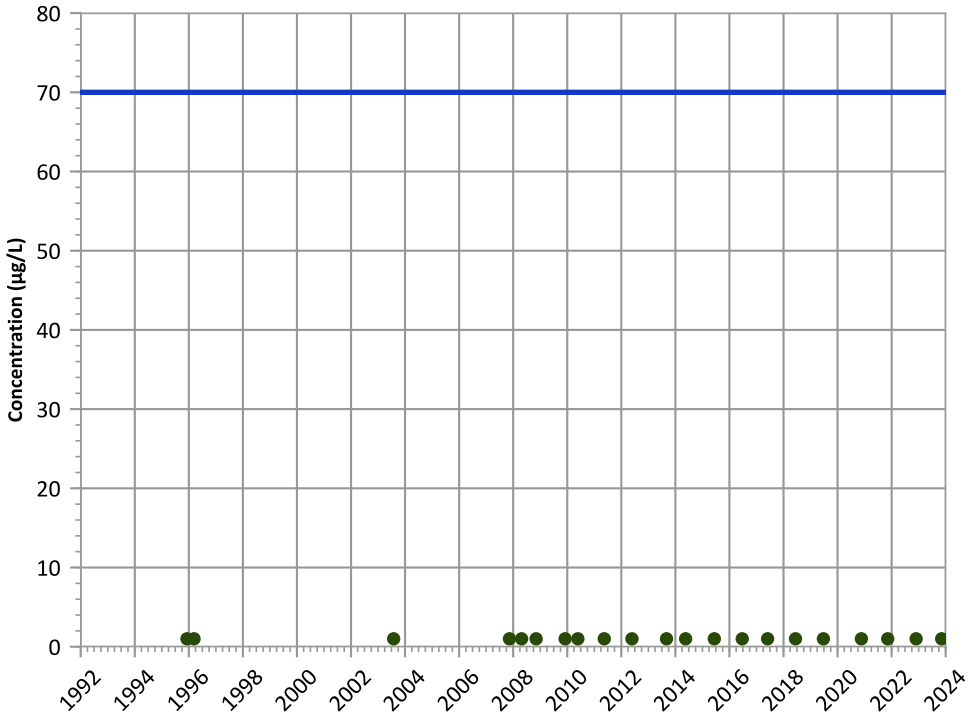


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

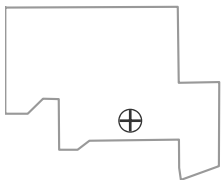
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

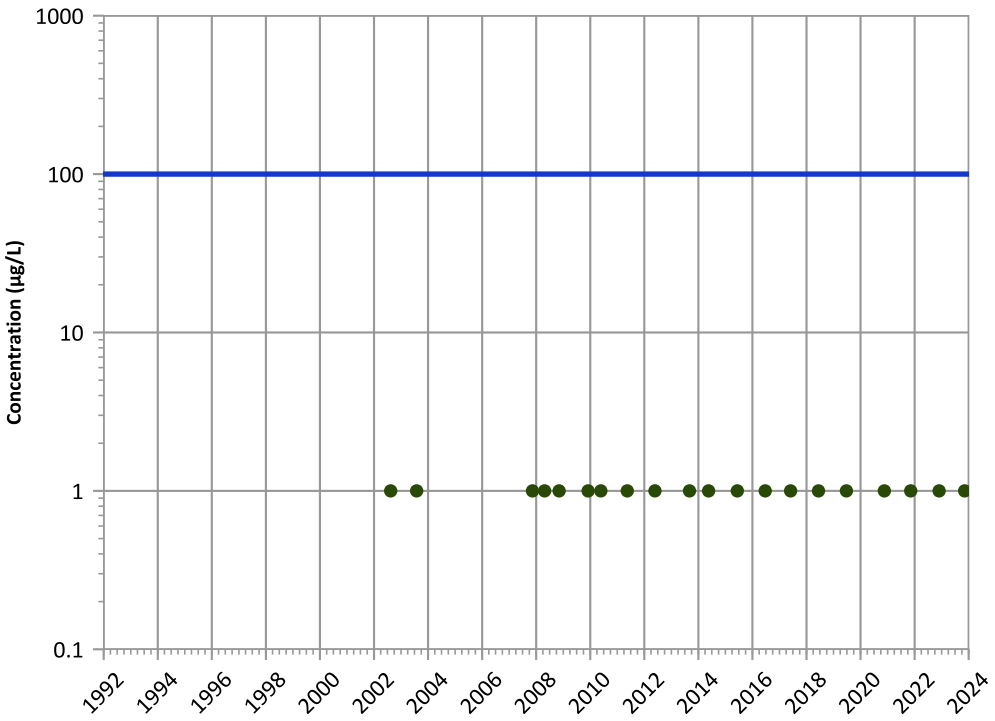
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

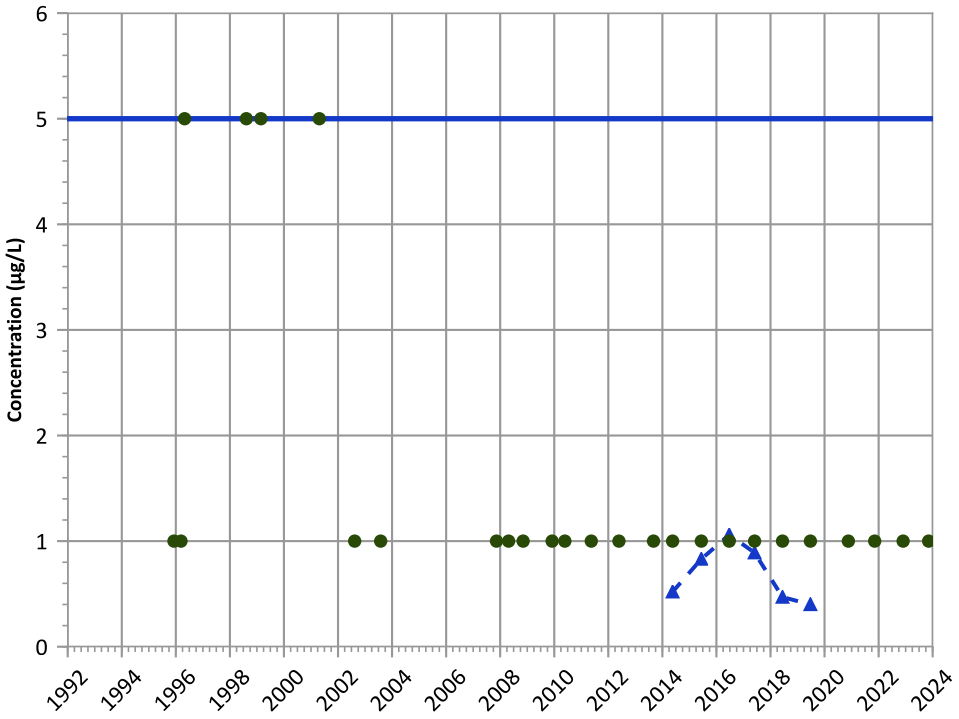


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

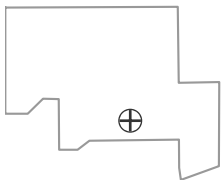
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

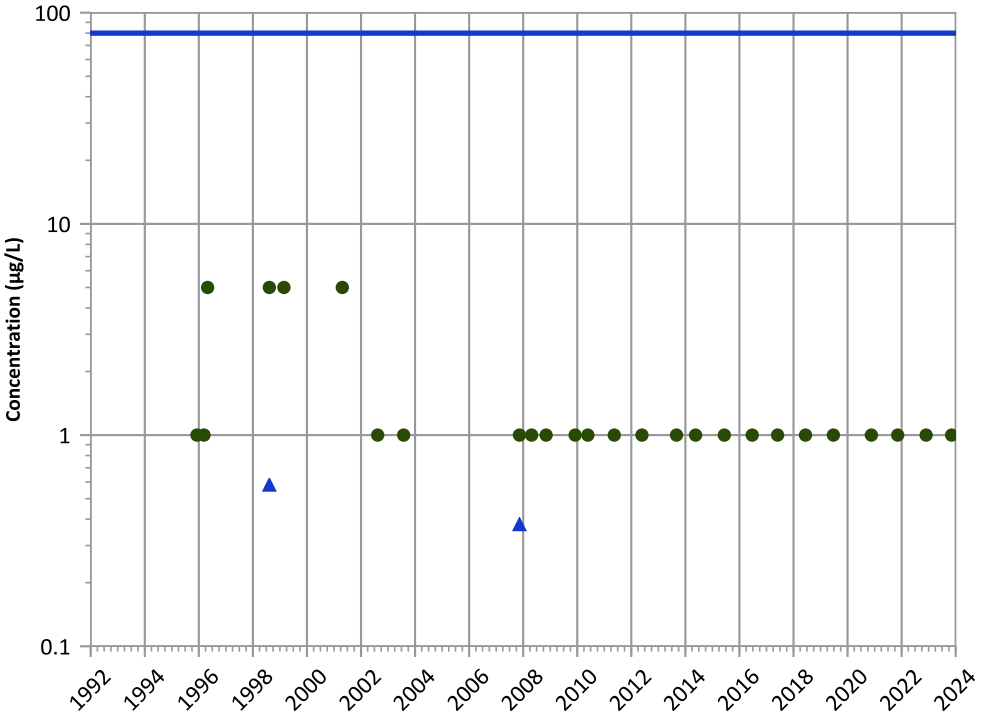
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

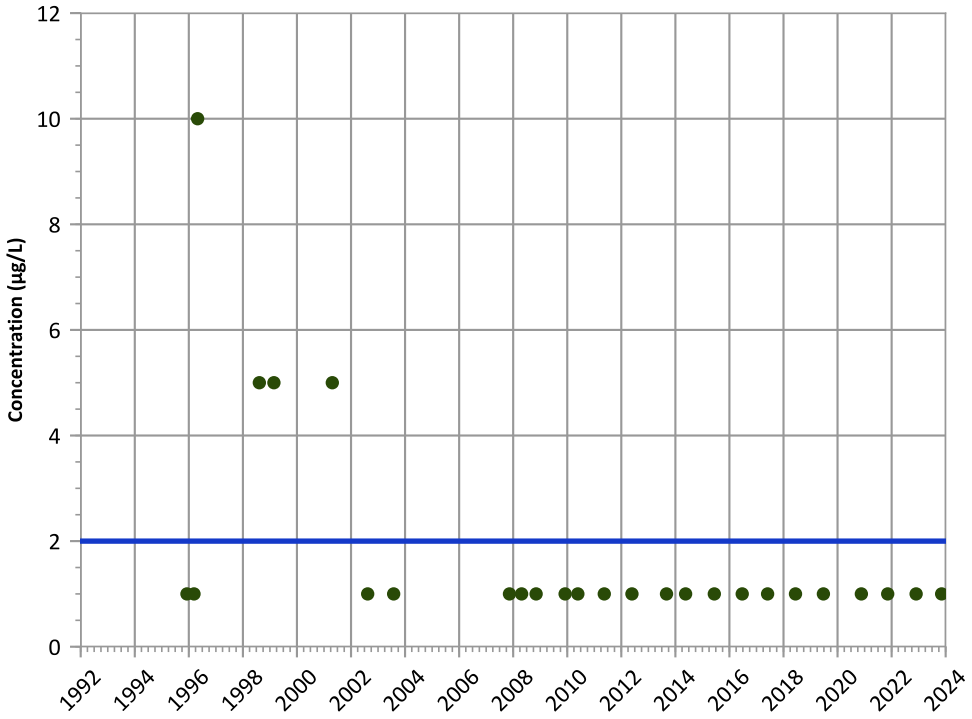


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

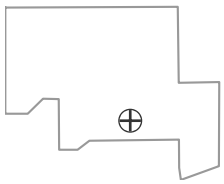
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

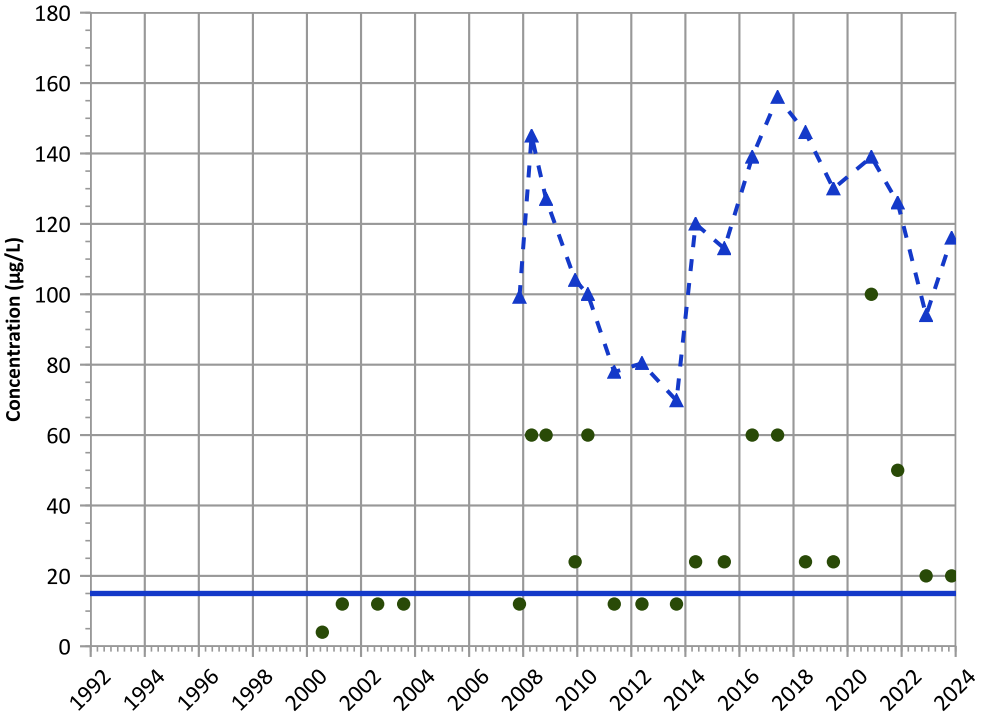
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

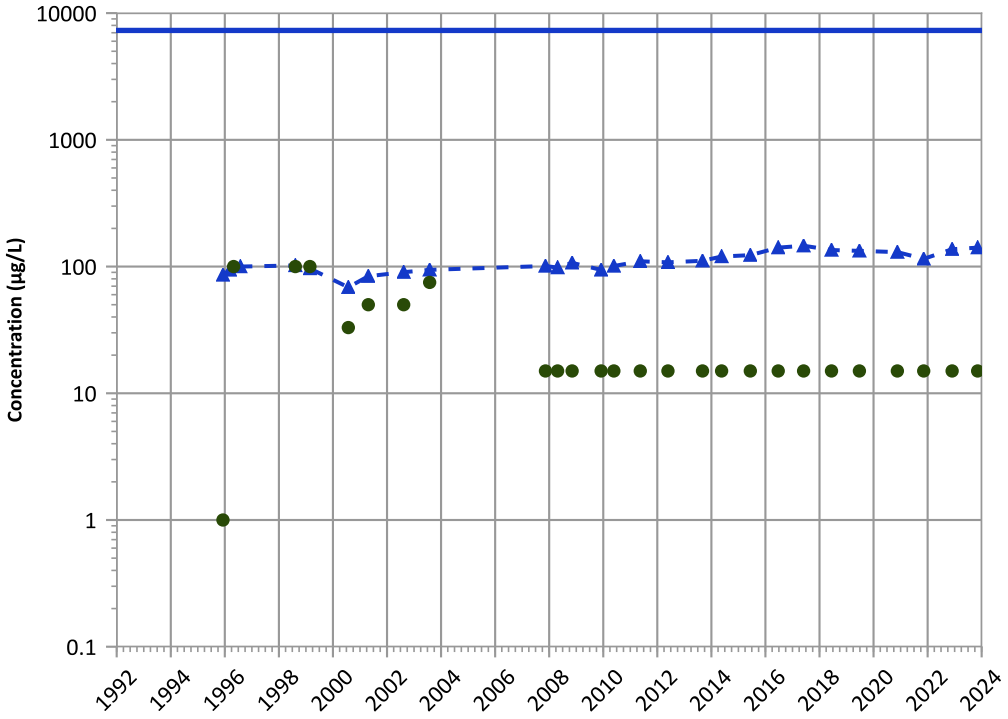


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

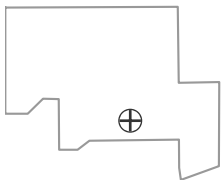
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

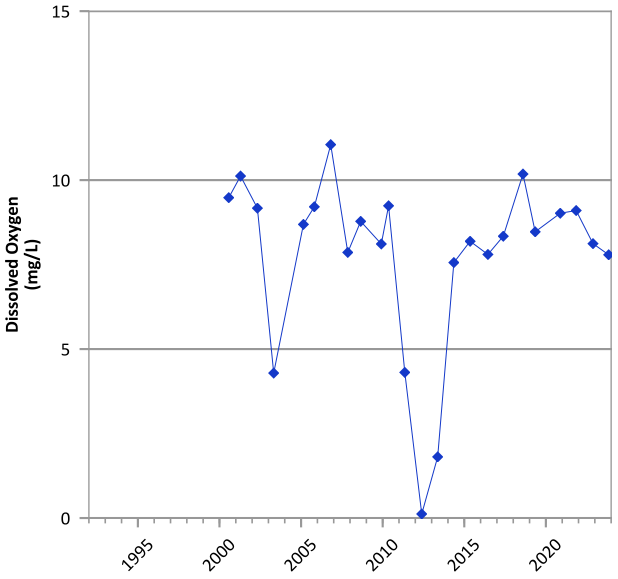
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 11/08/2023
Analysis Date: 04/01/2024

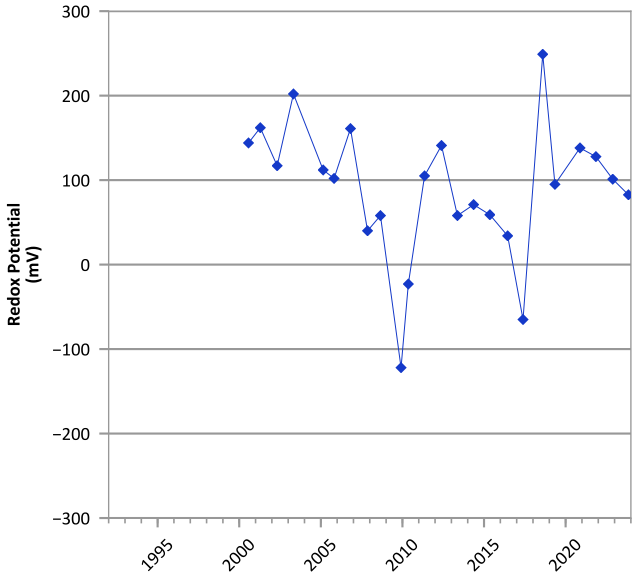
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

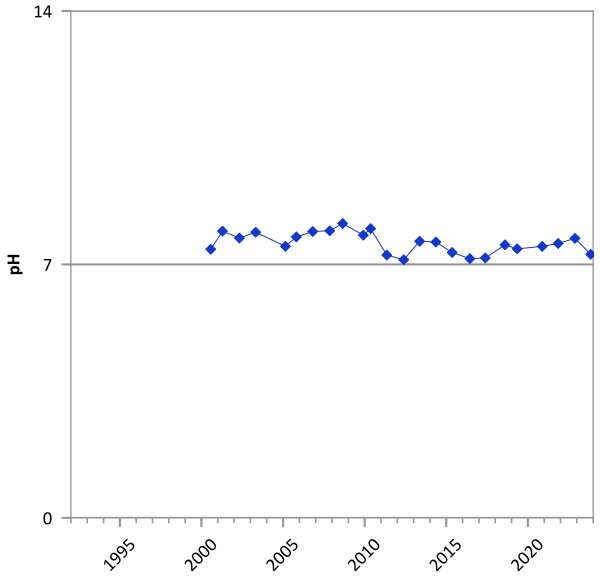
Well Location

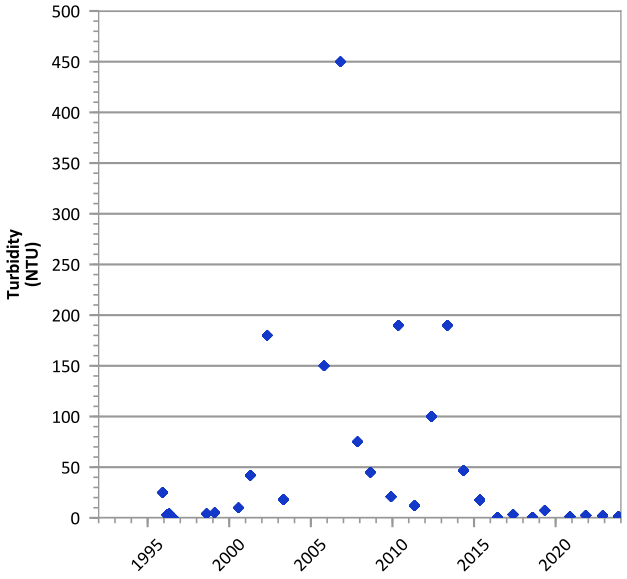


PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

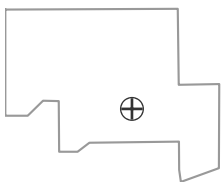






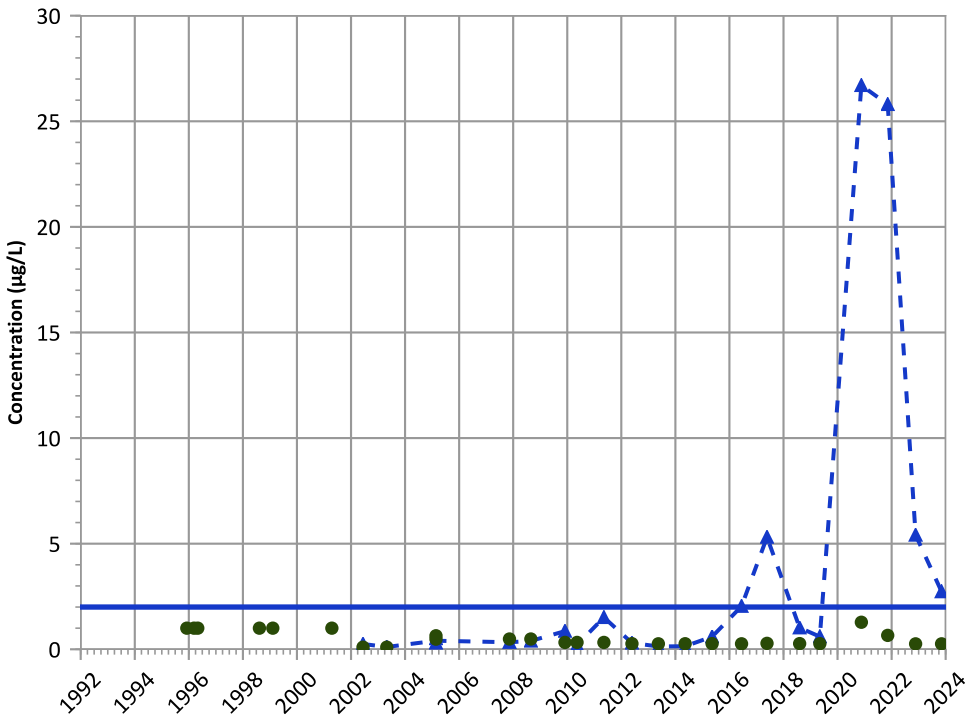


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

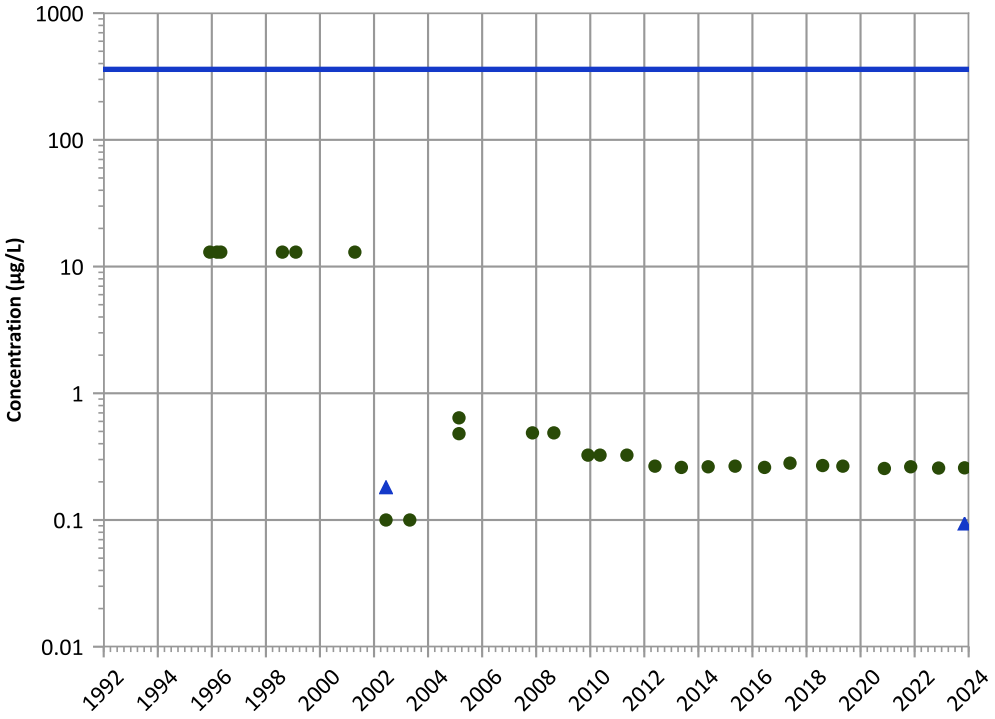


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

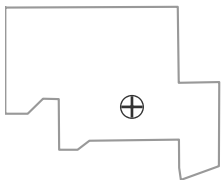
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

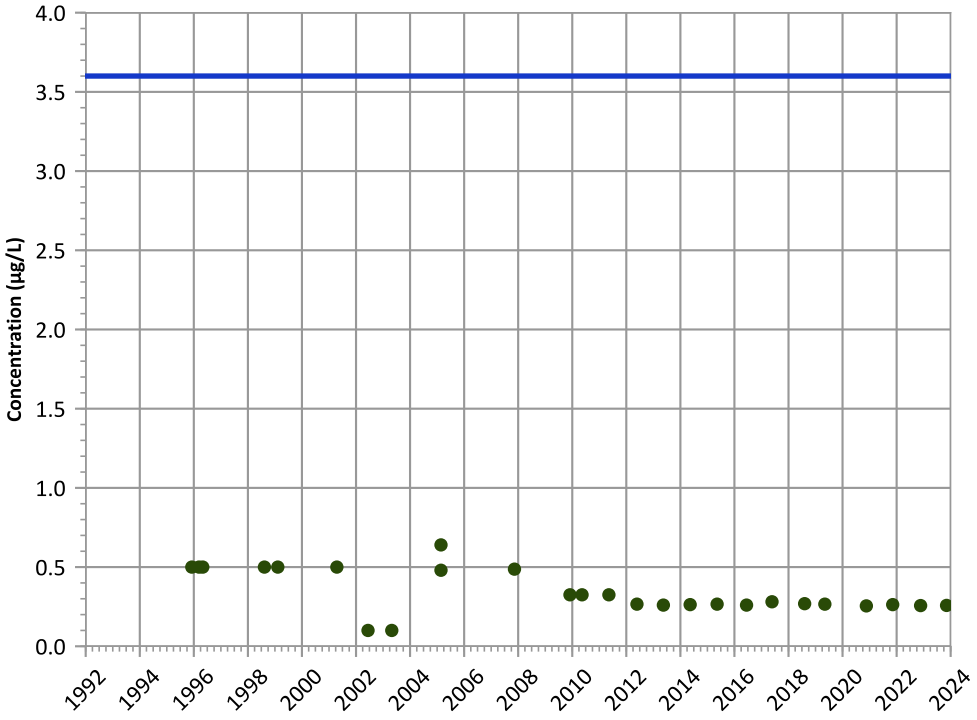
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

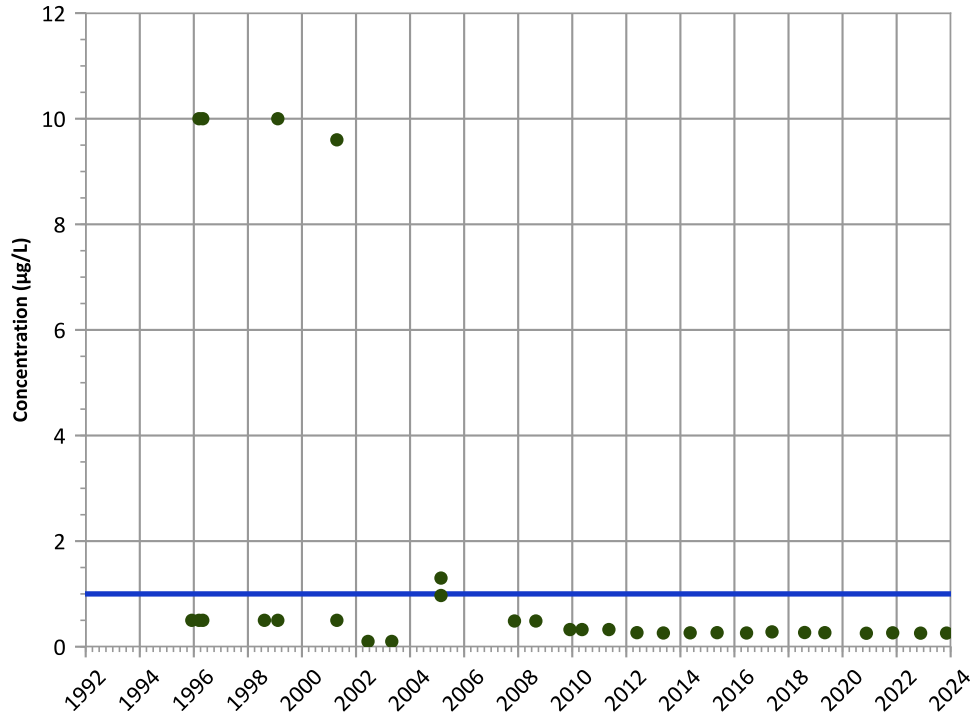


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

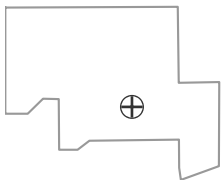
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

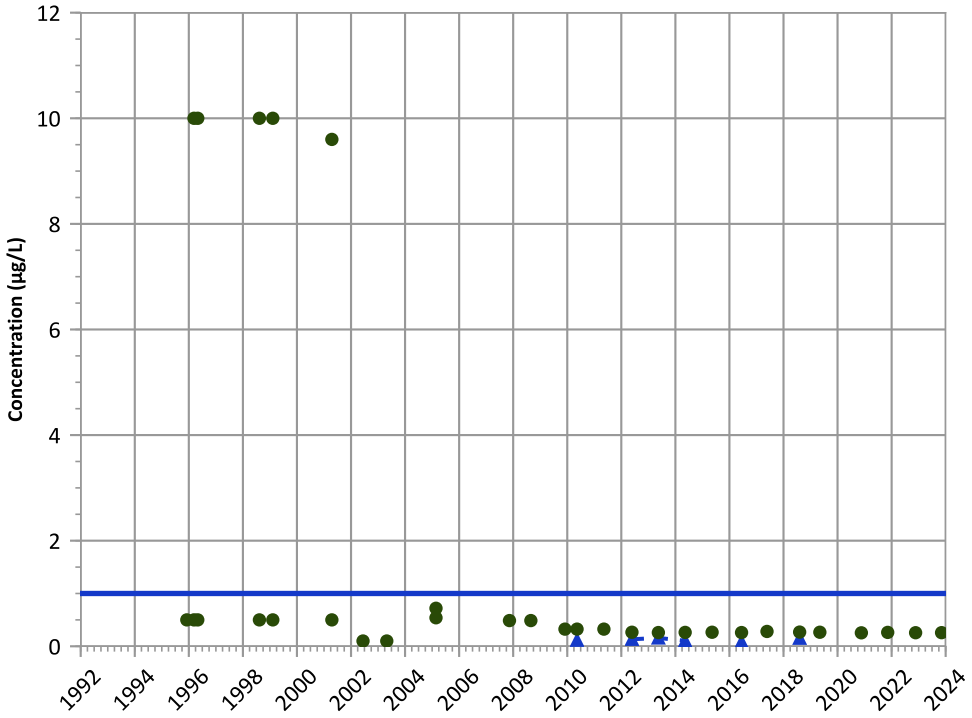
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

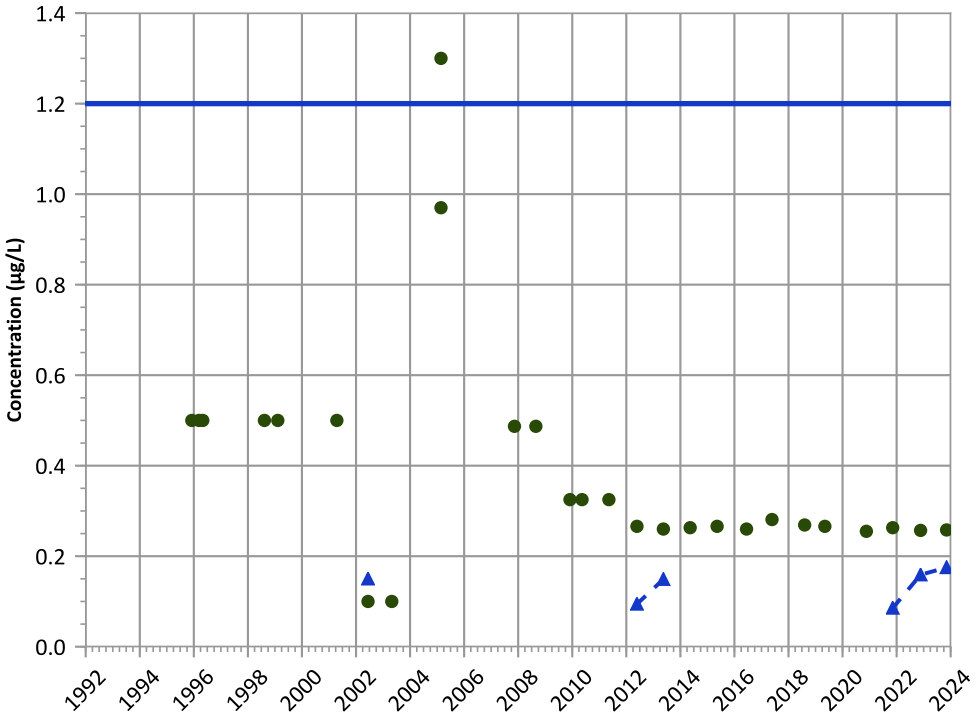


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

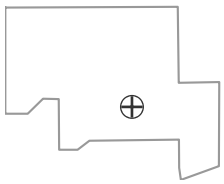
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

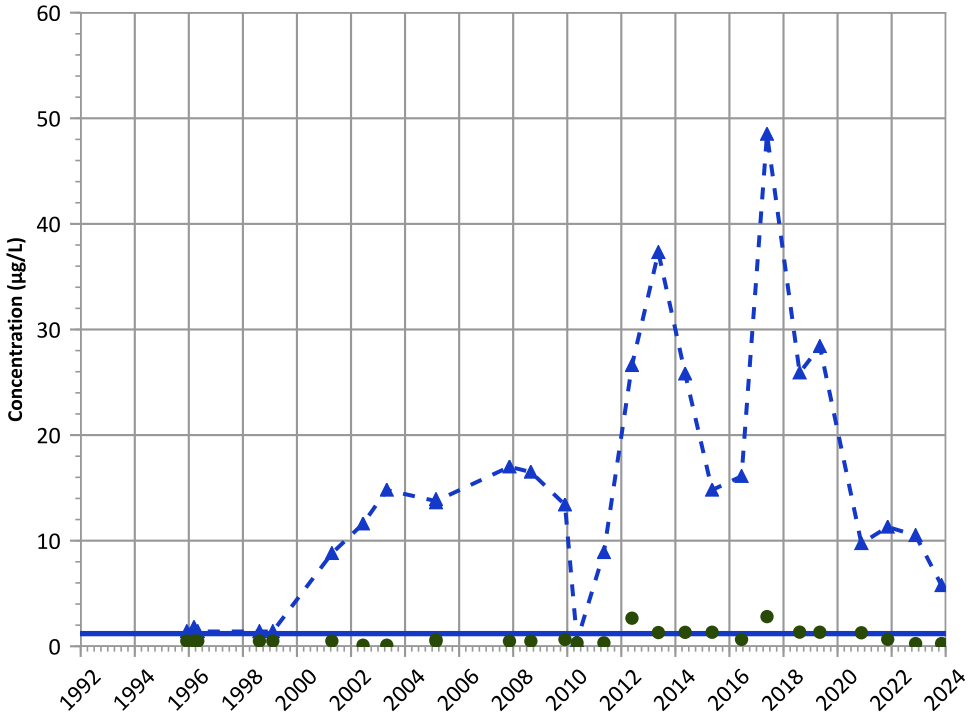
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

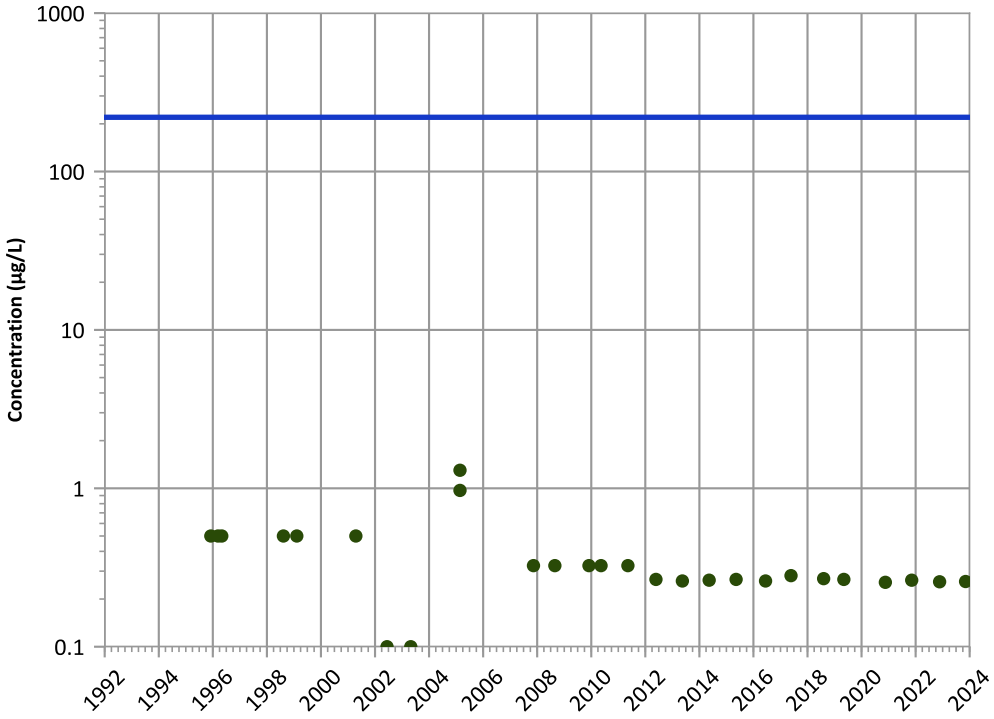


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

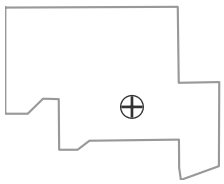
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

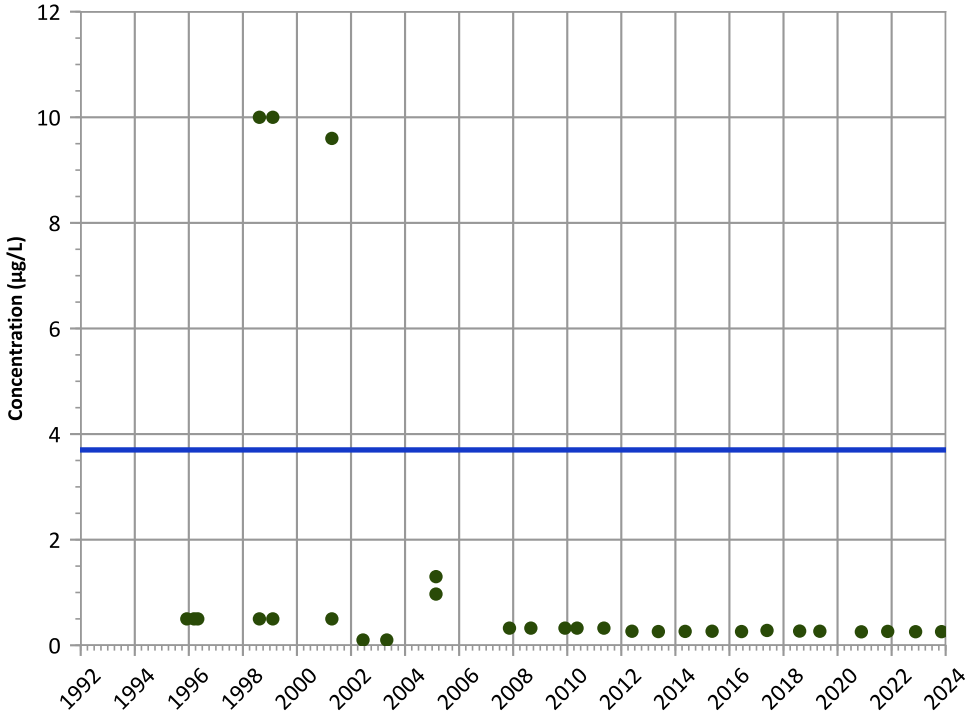
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

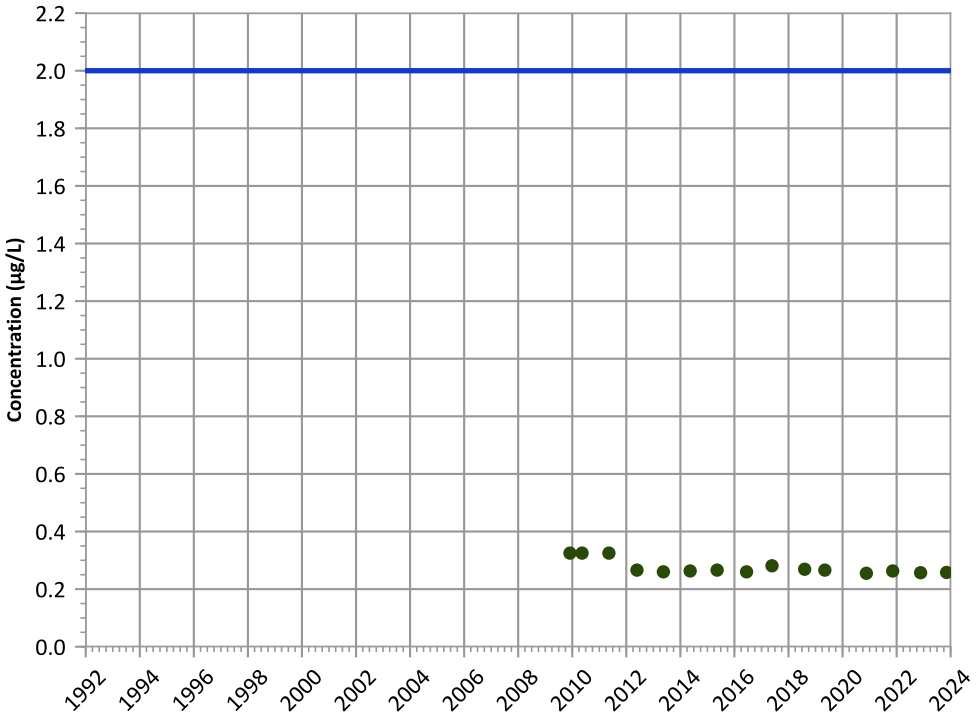


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

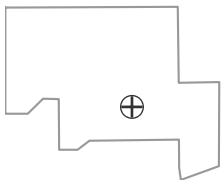
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

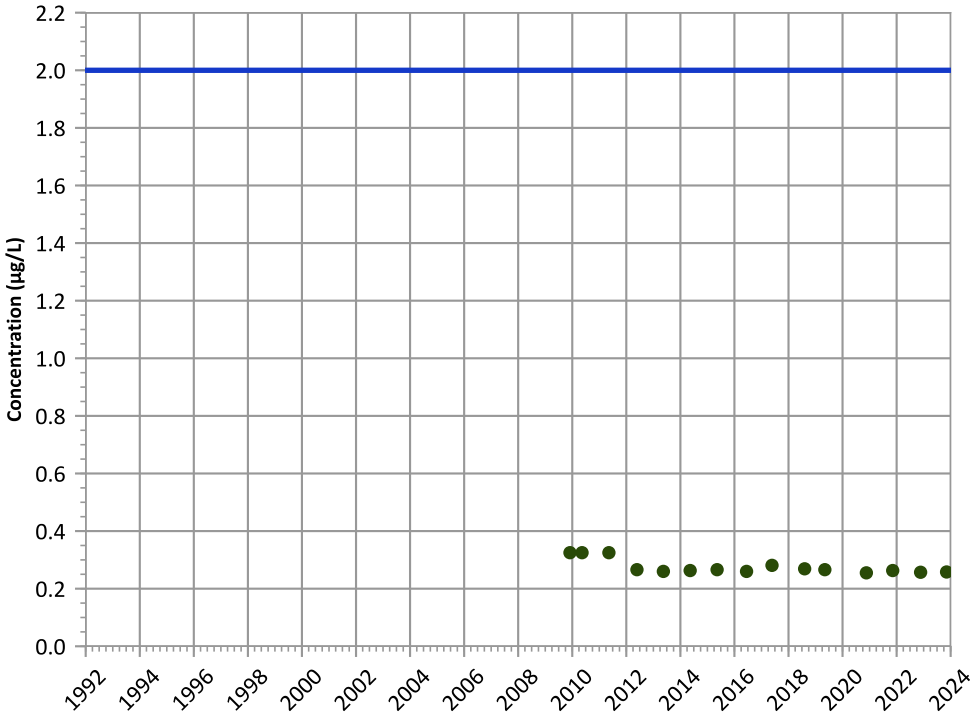
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

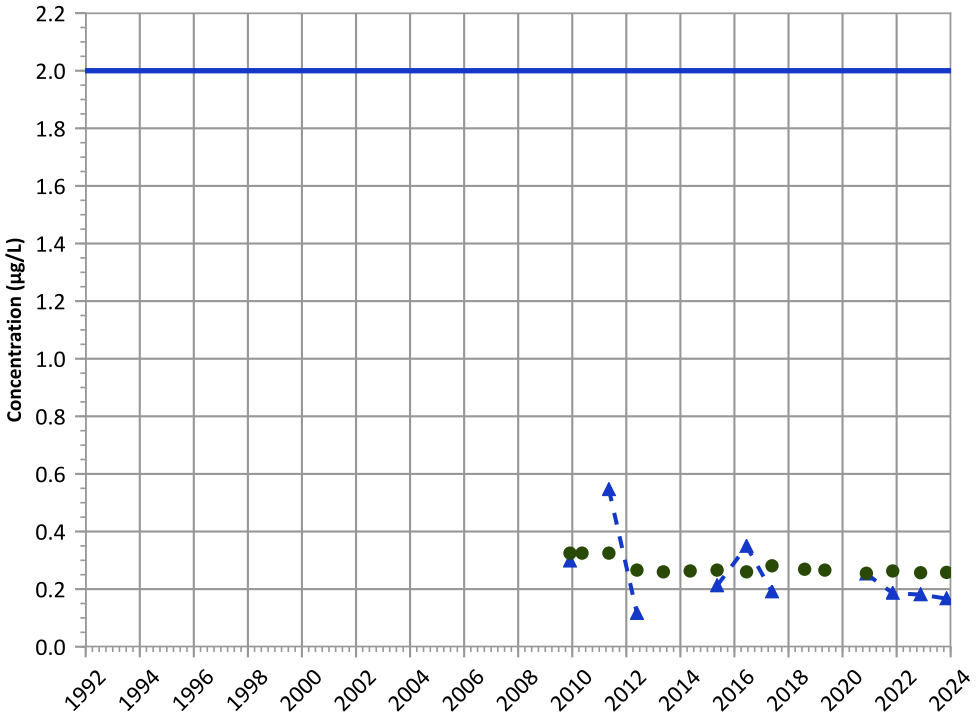


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

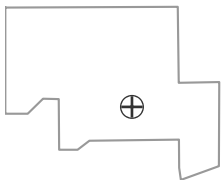
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

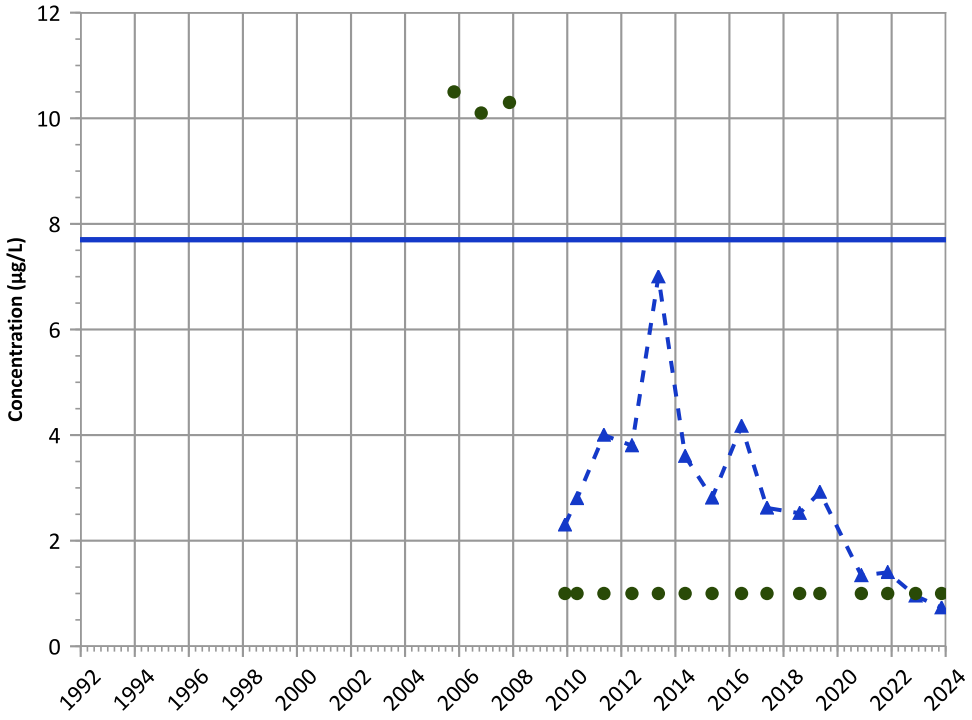
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

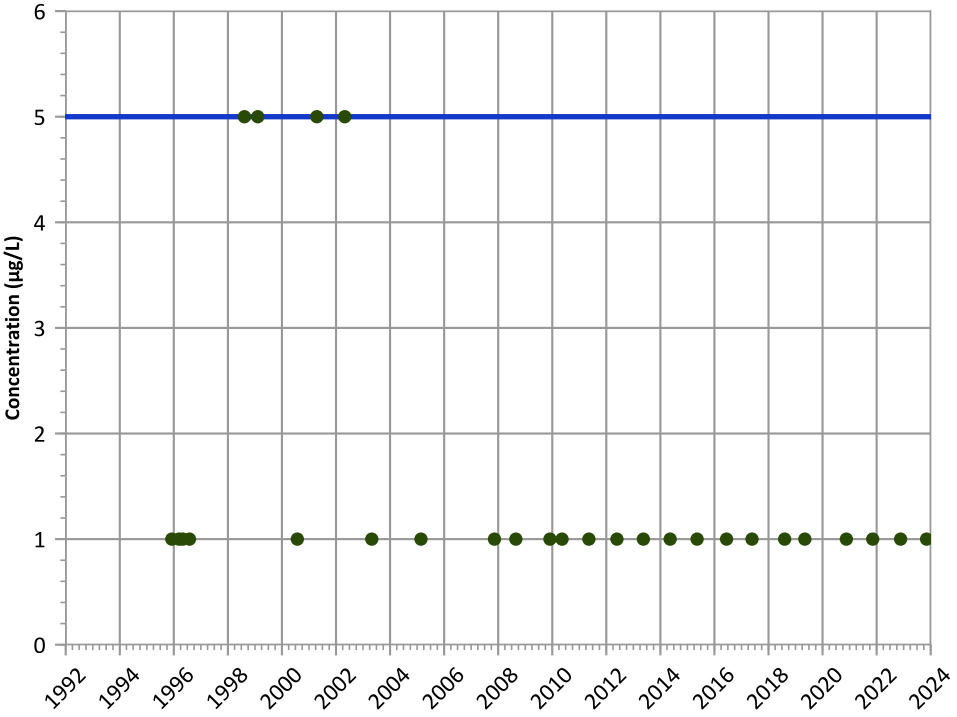


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

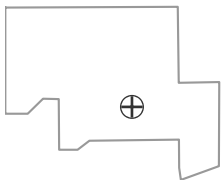
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

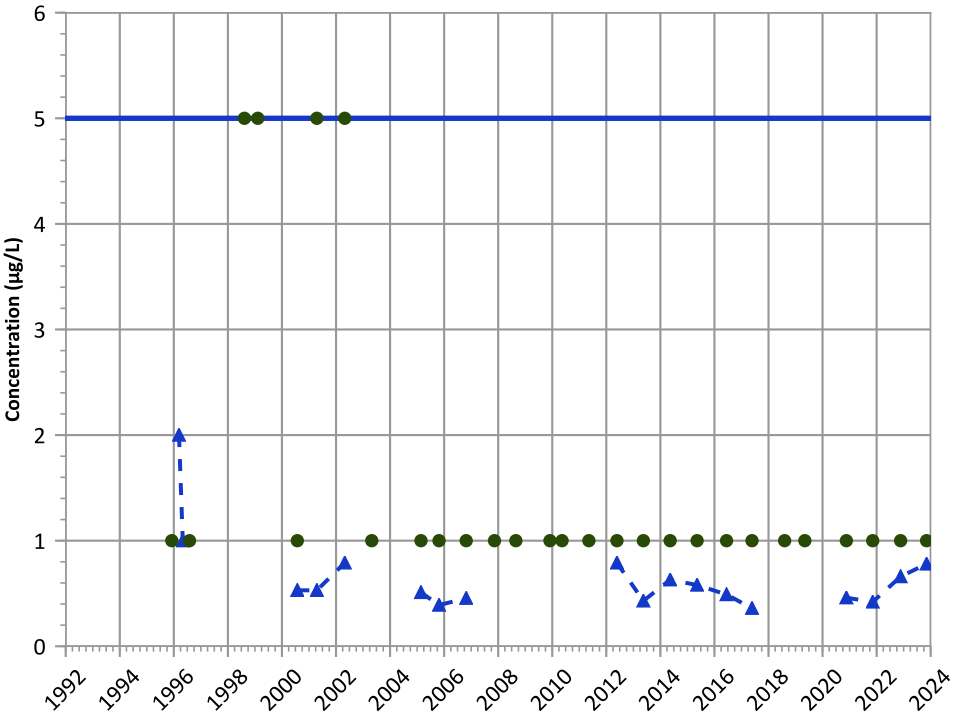
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

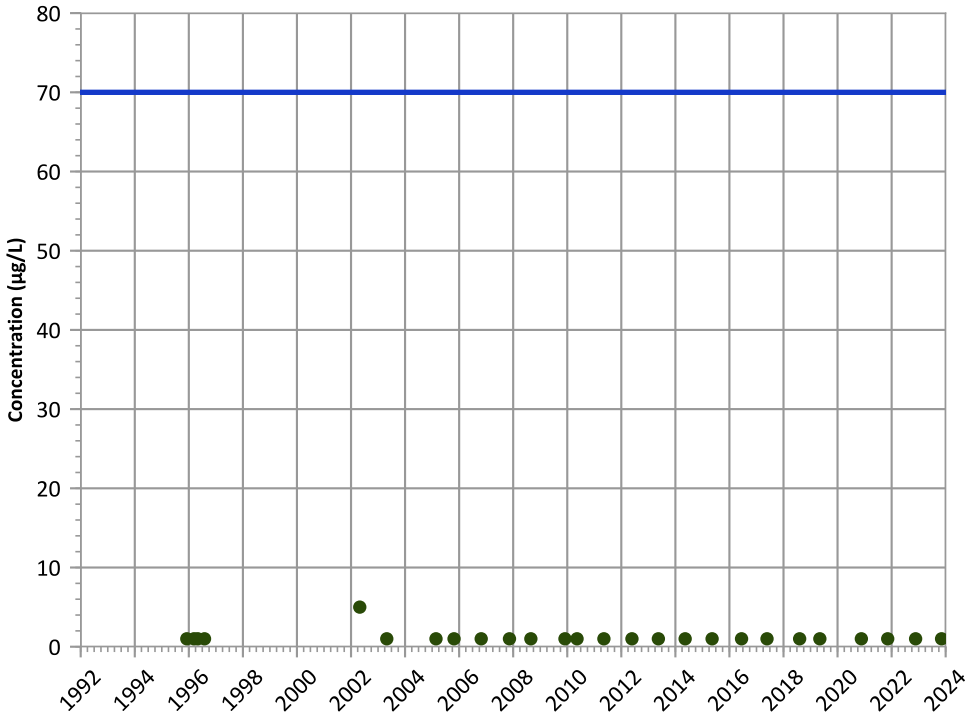


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

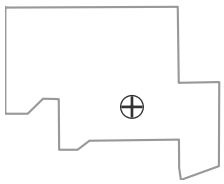
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

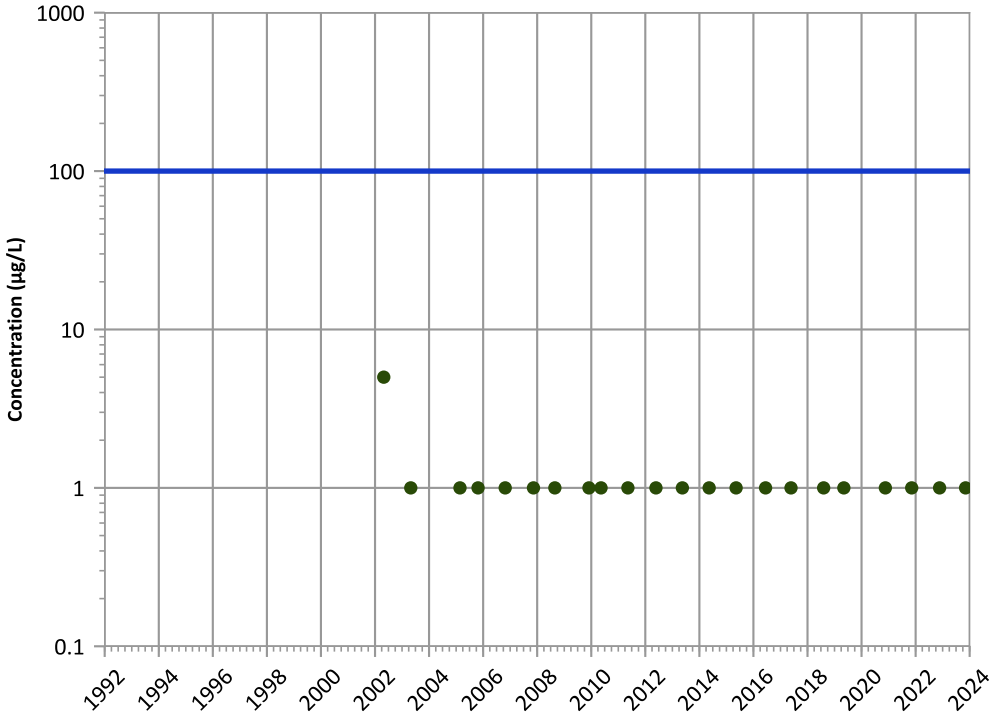
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

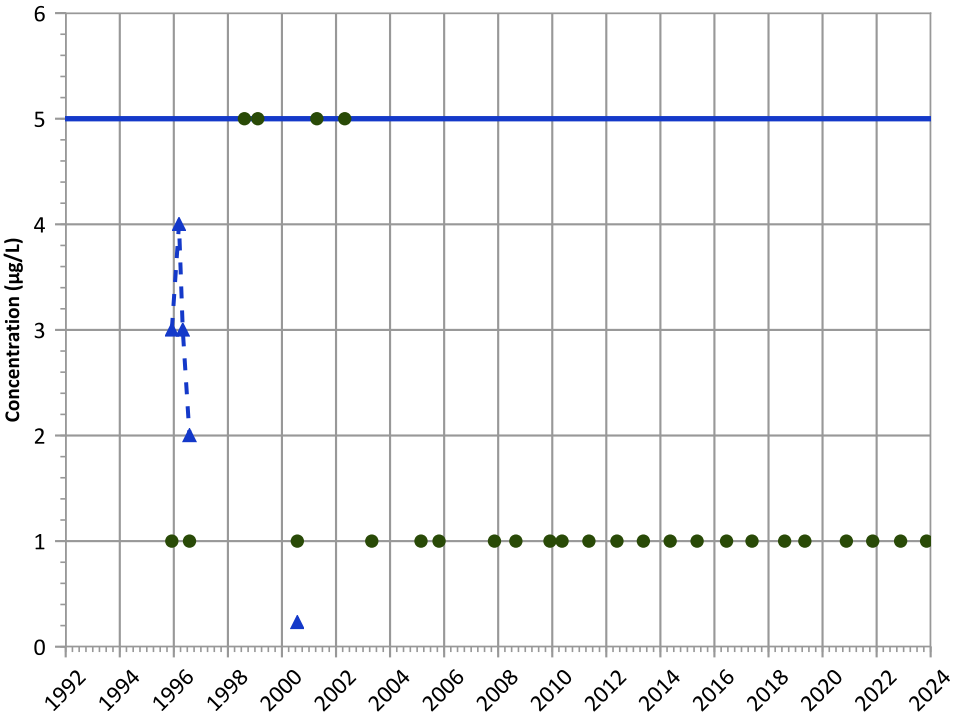


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

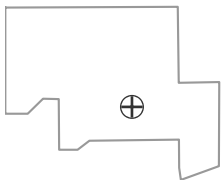
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

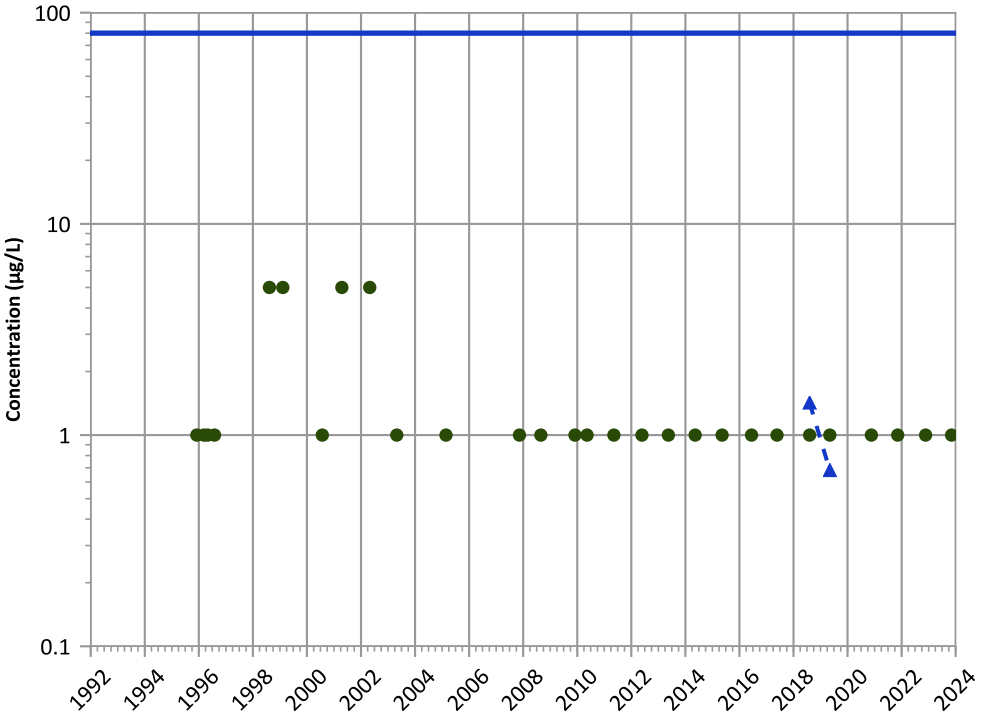
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

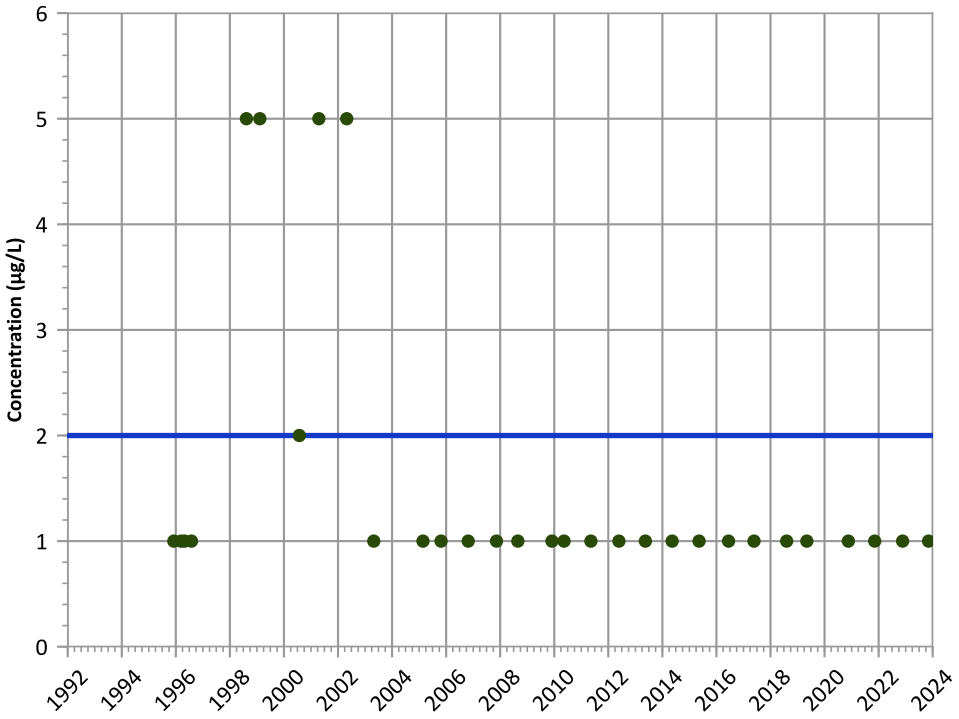


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

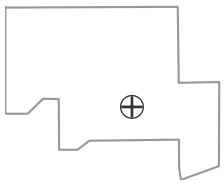
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

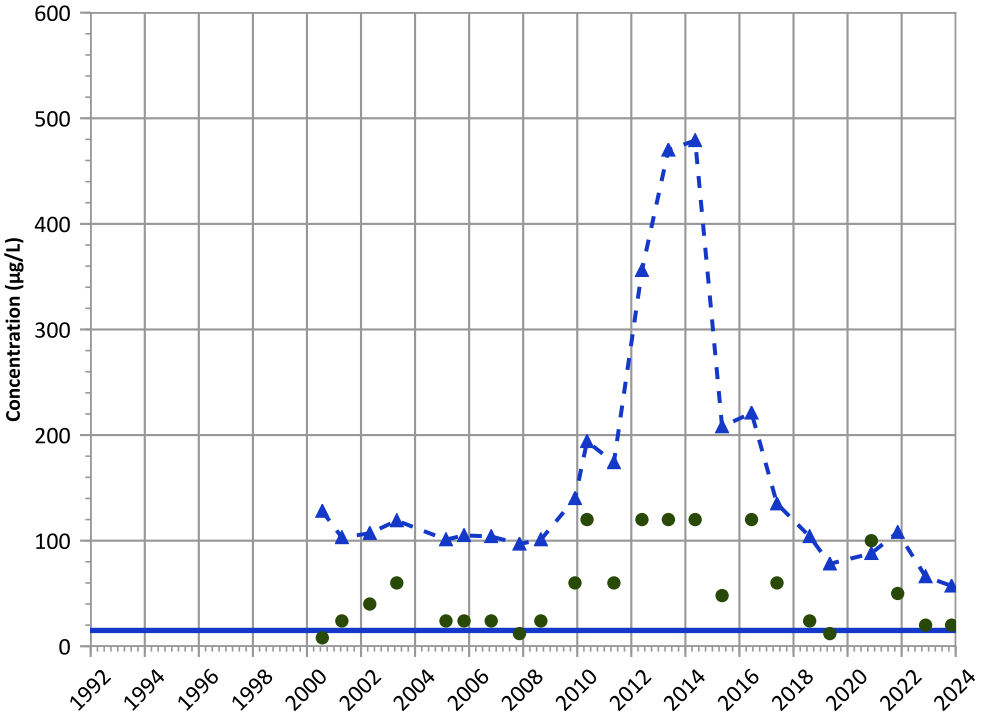
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

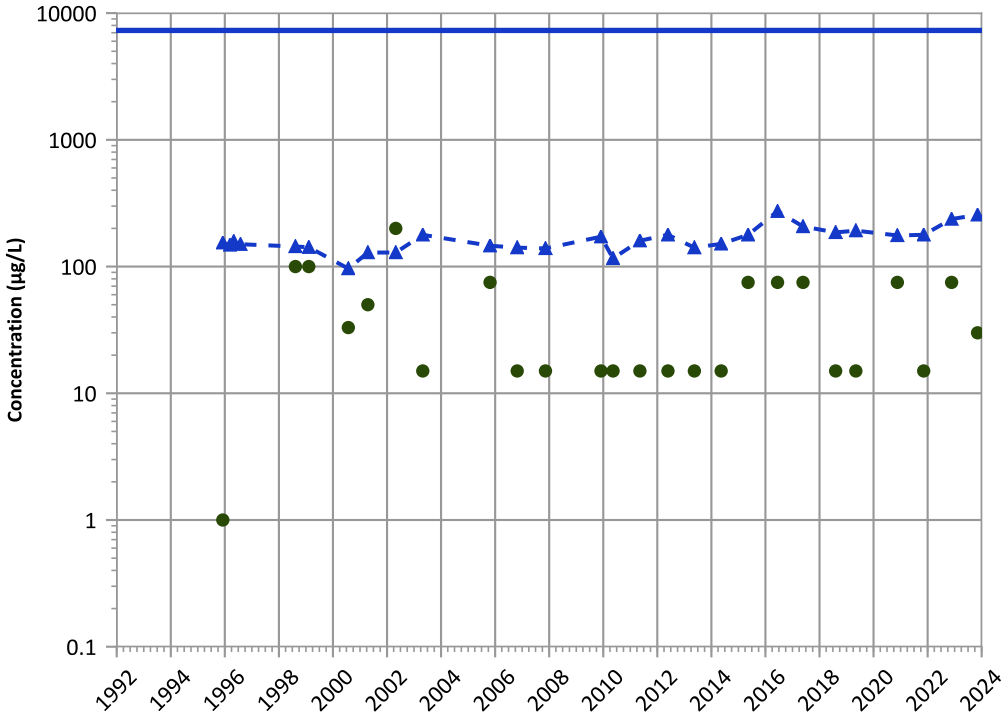


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Boron Trend



Concentration Trend

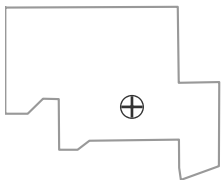
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

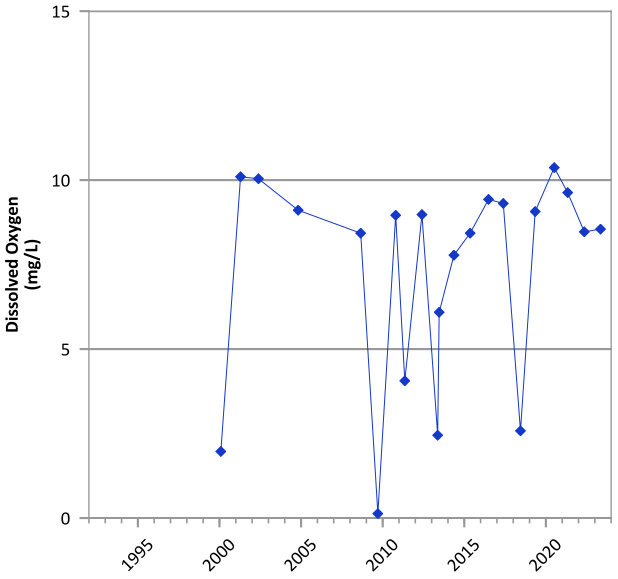
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/1995 to 11/07/2023
Analysis Date: 04/01/2024

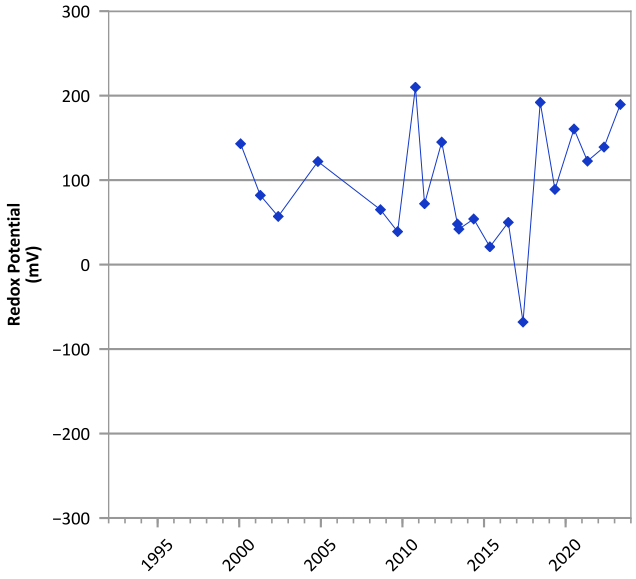
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

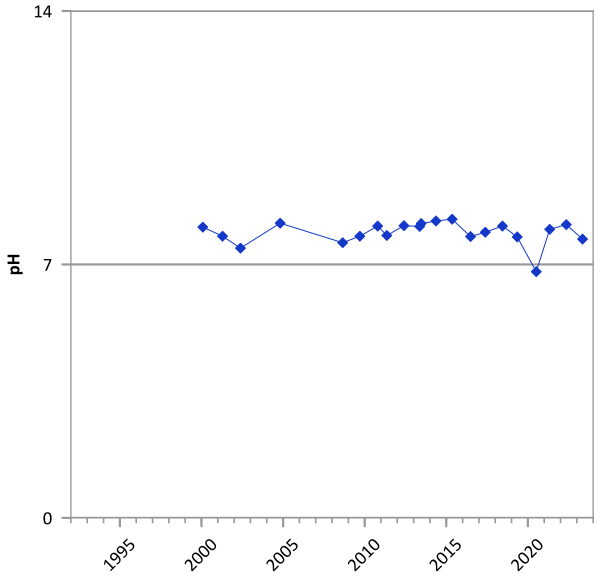
Well Location

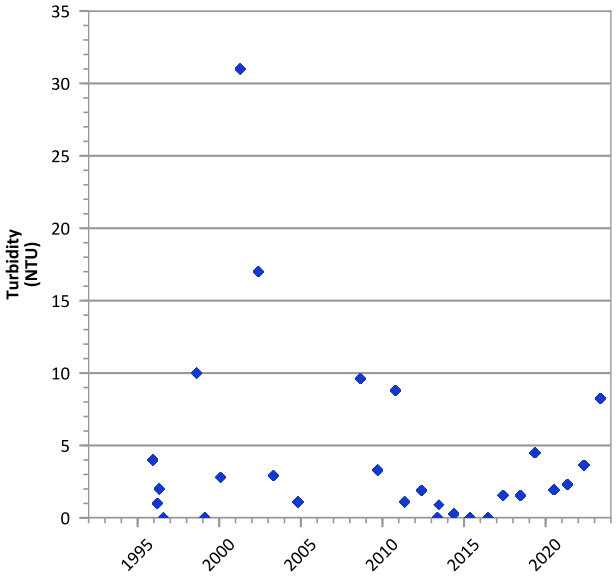


PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

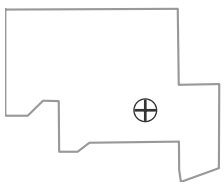






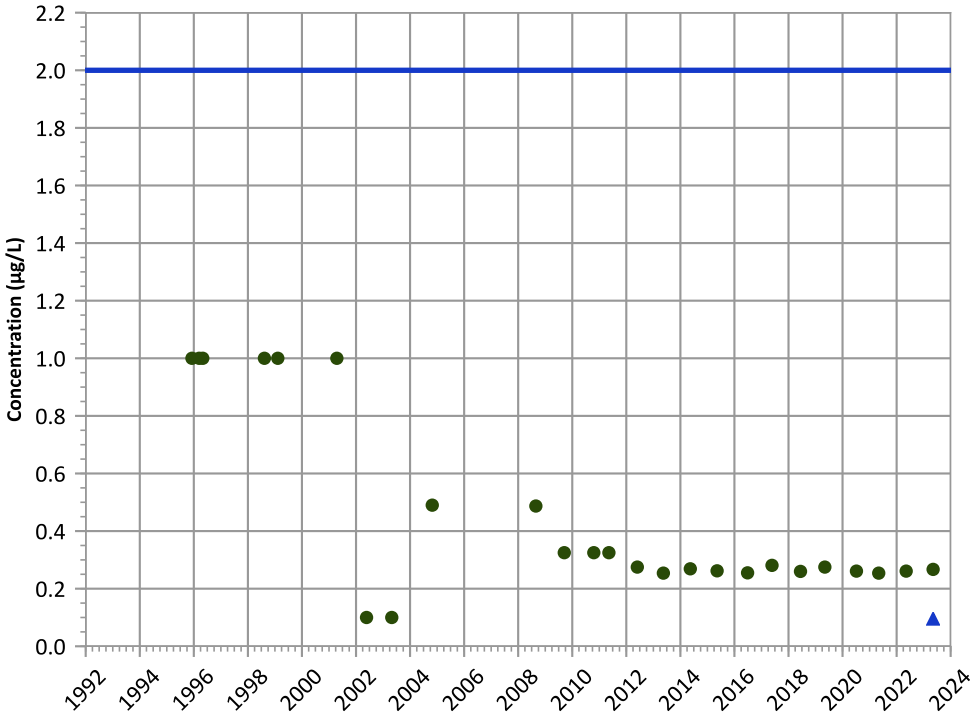


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

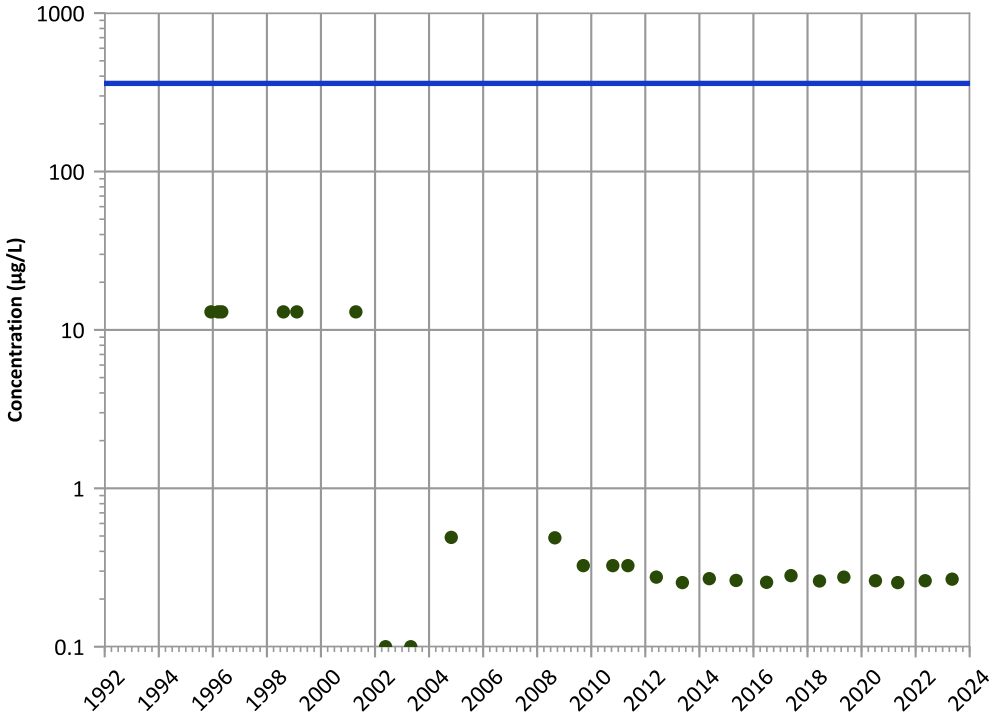


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

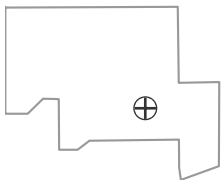
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

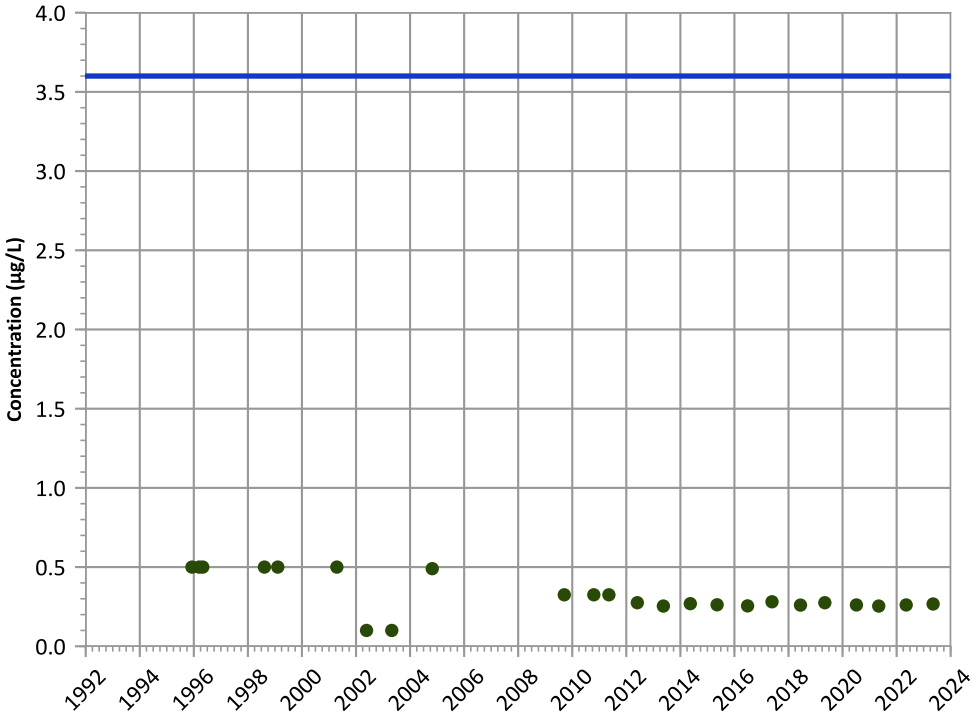
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

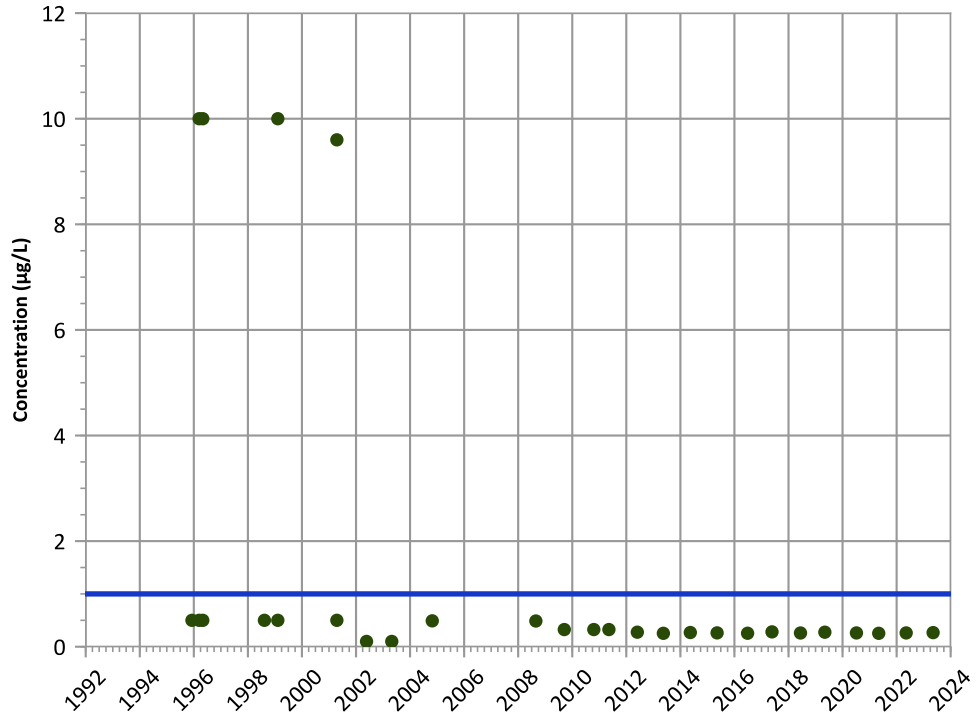


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

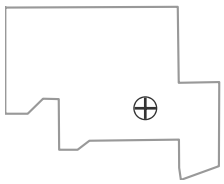
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

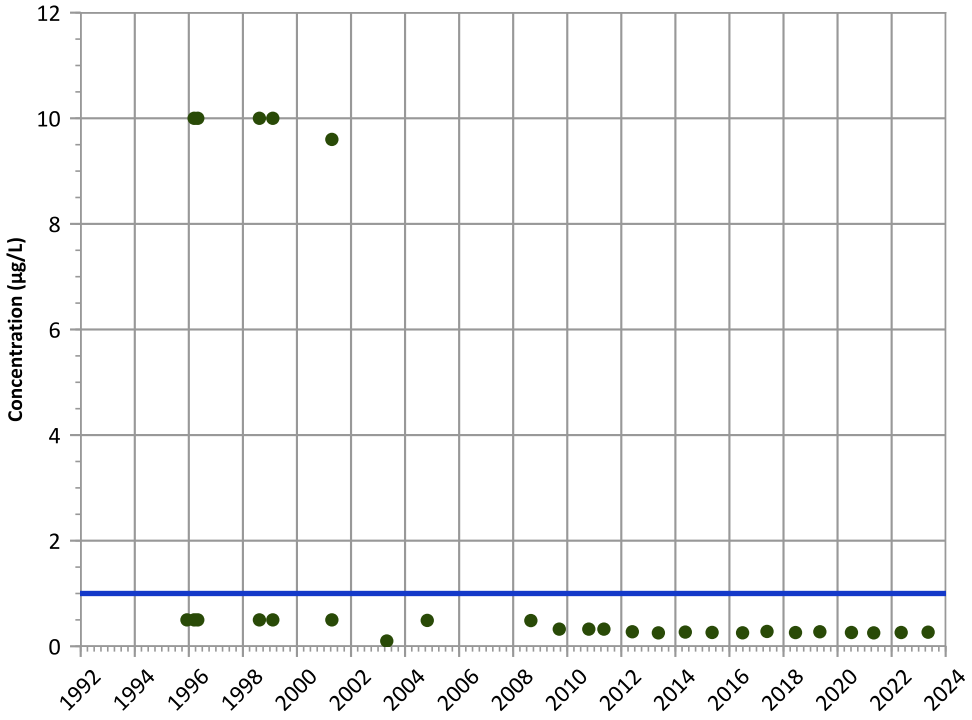
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

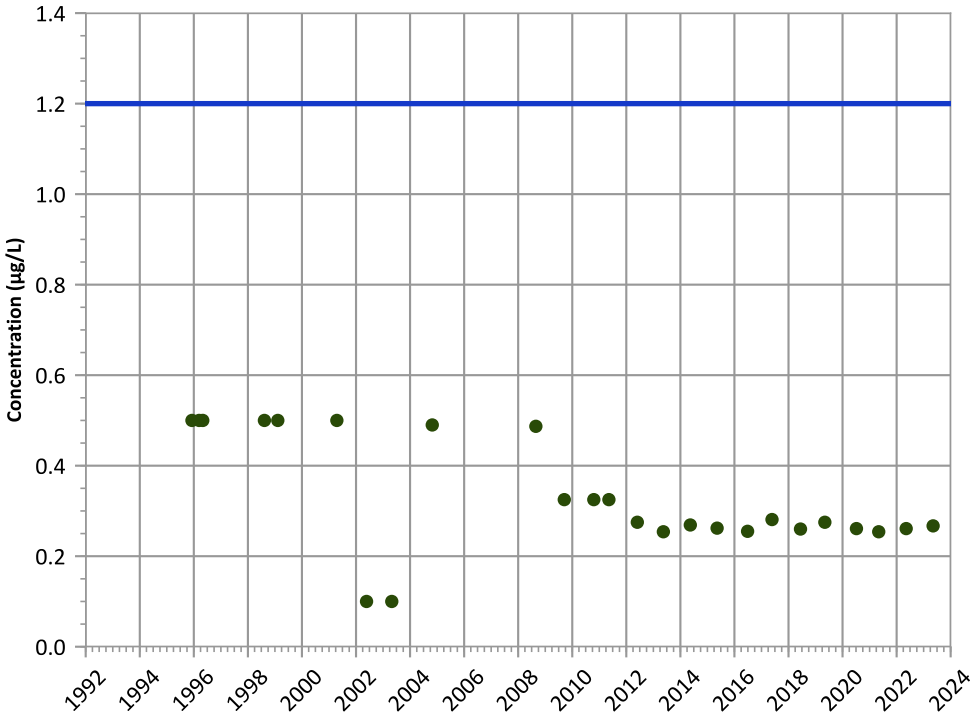
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



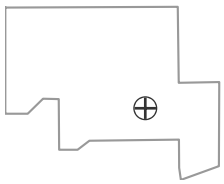
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

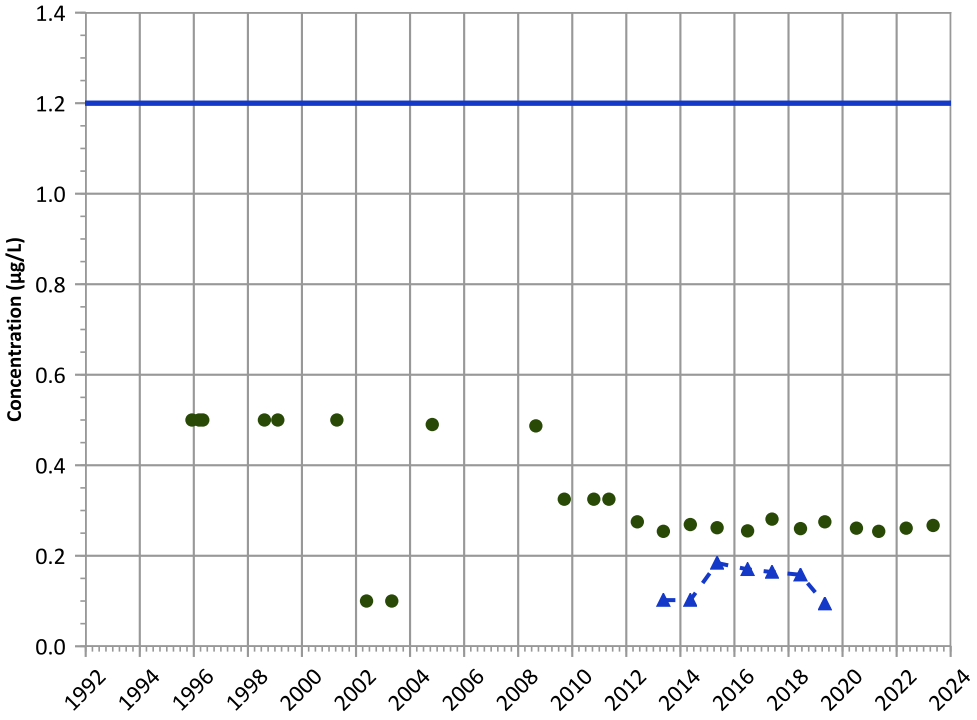
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

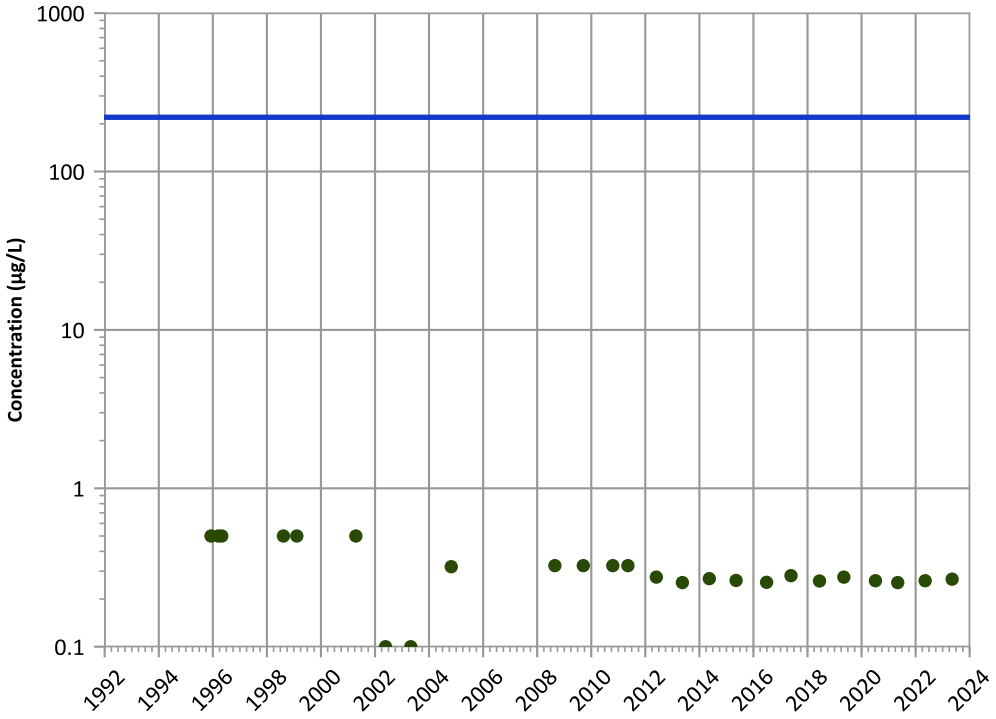


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

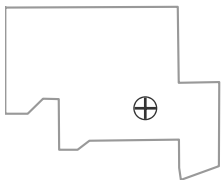
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

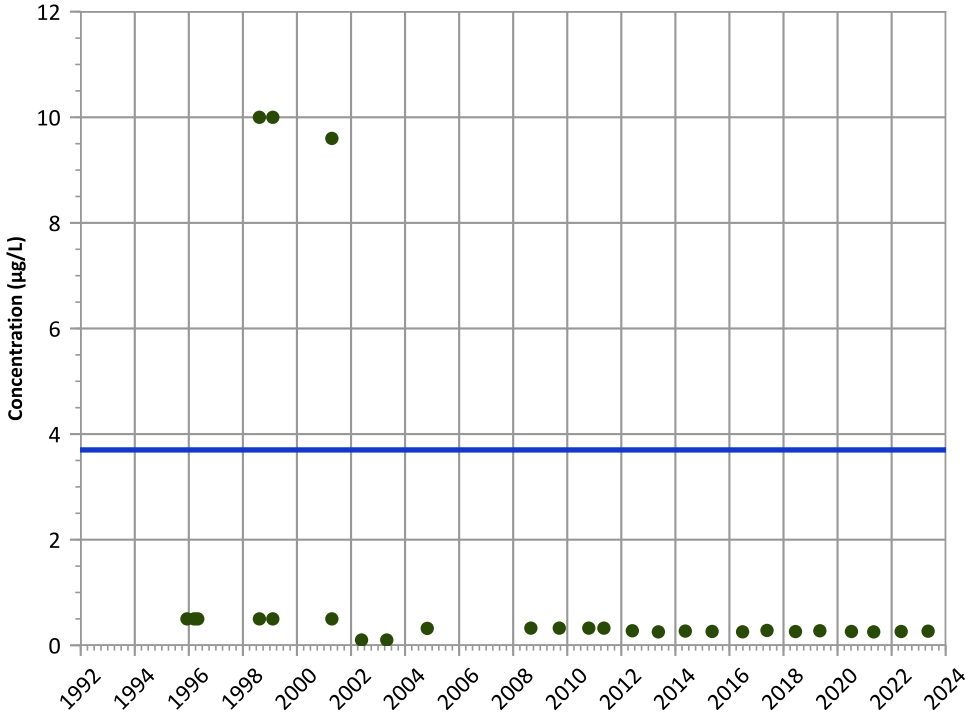
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

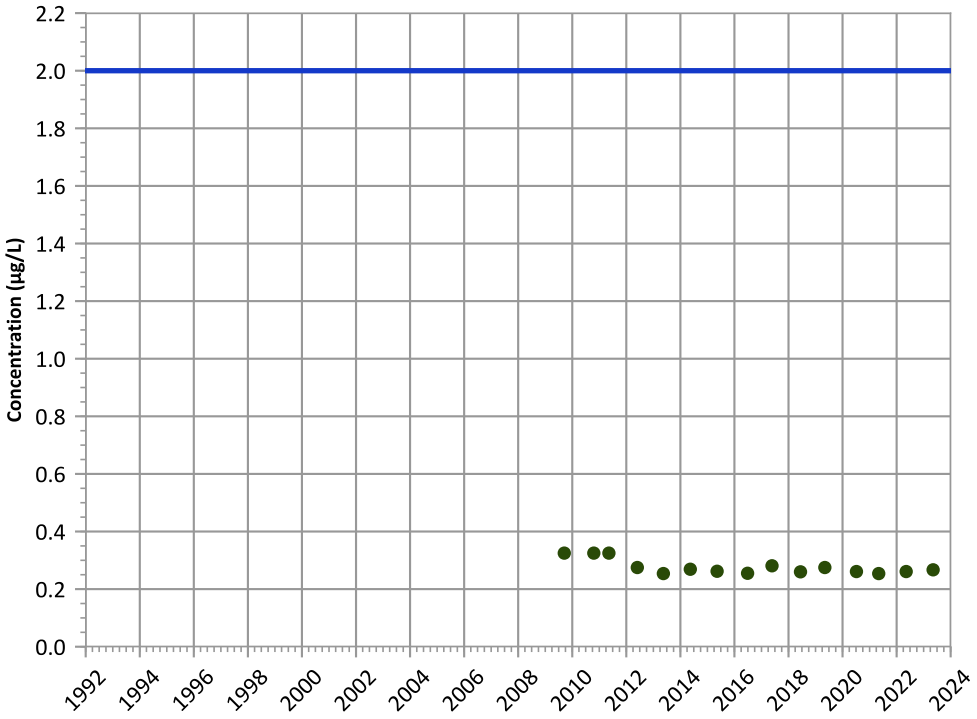


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

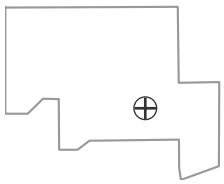
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

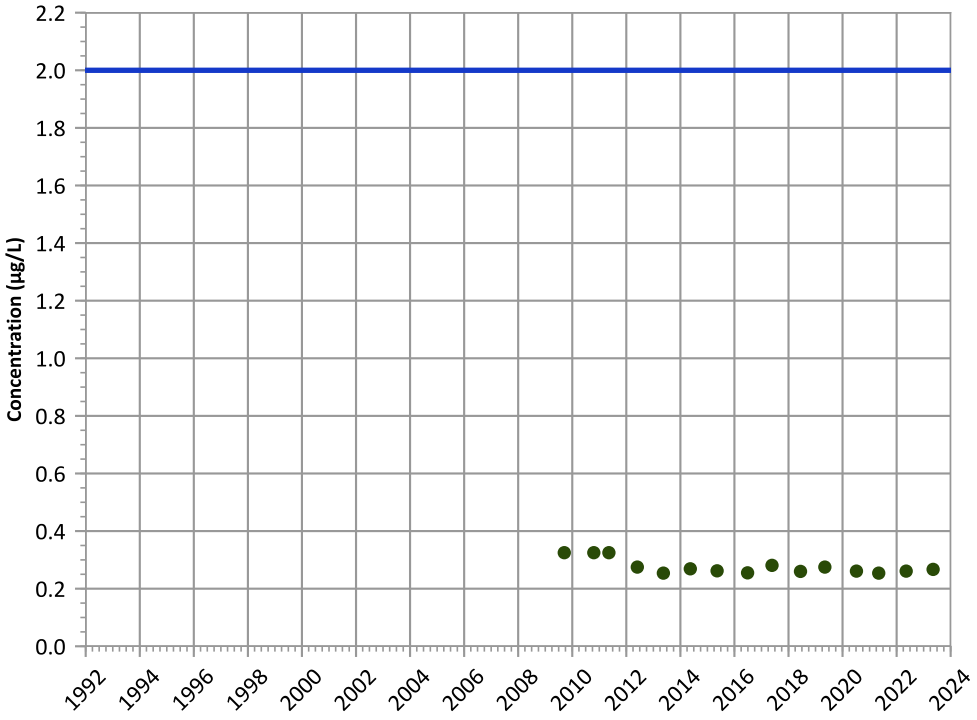
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

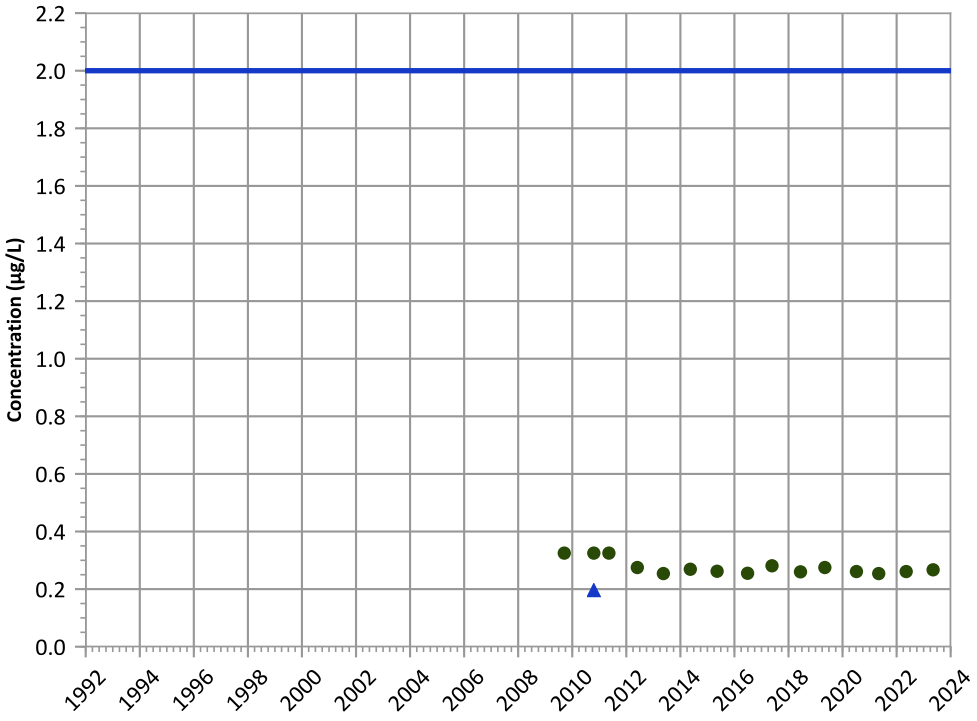


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

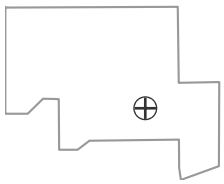
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

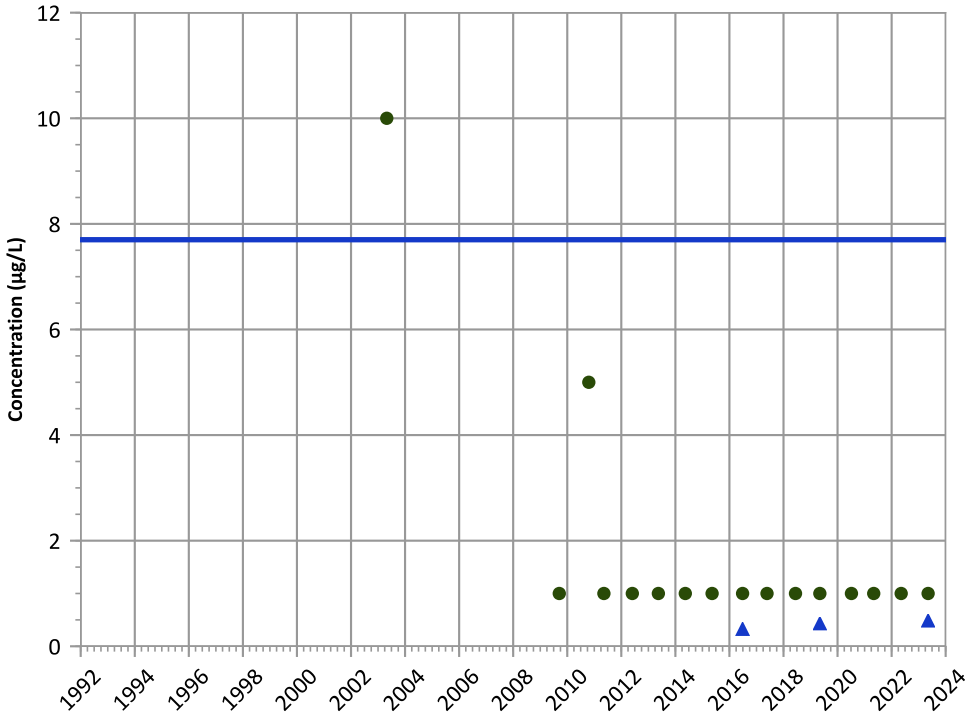
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

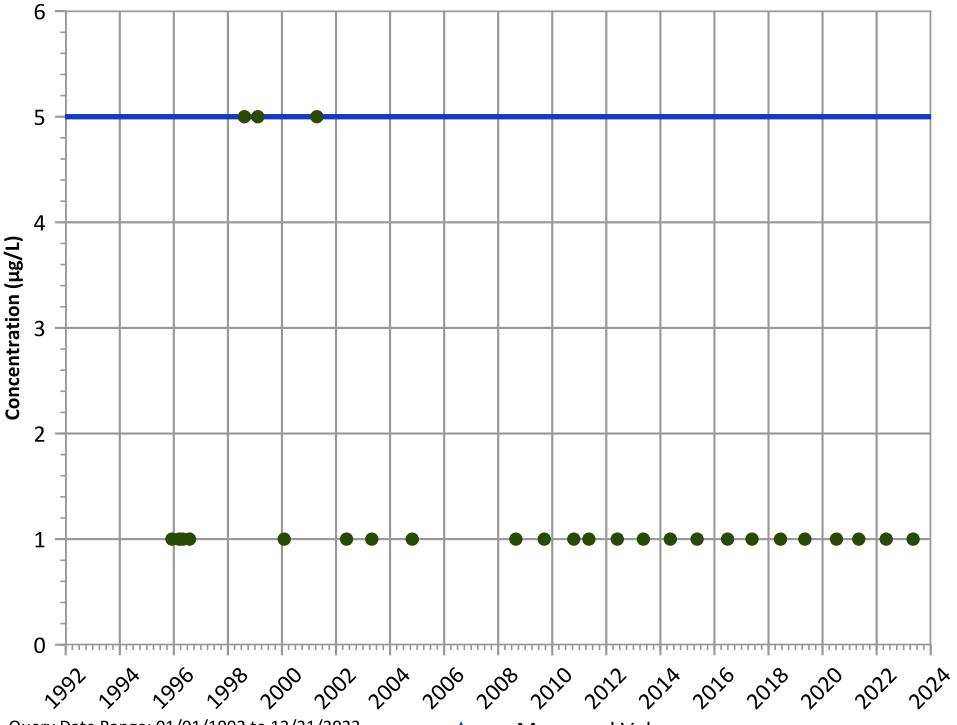


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

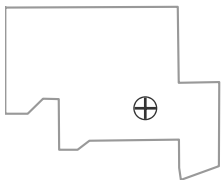
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

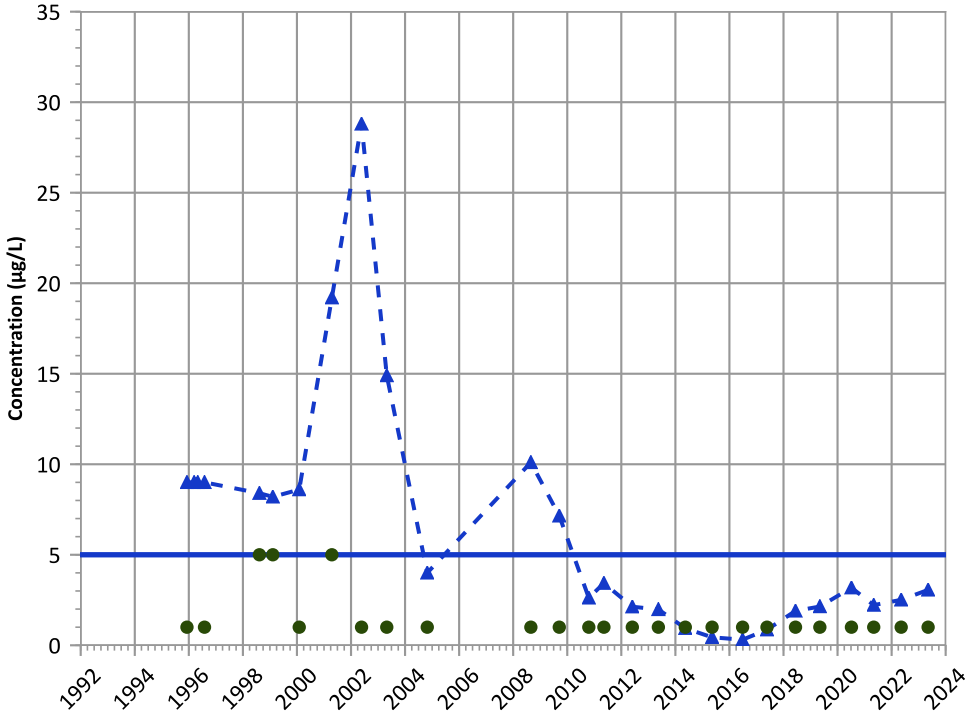
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

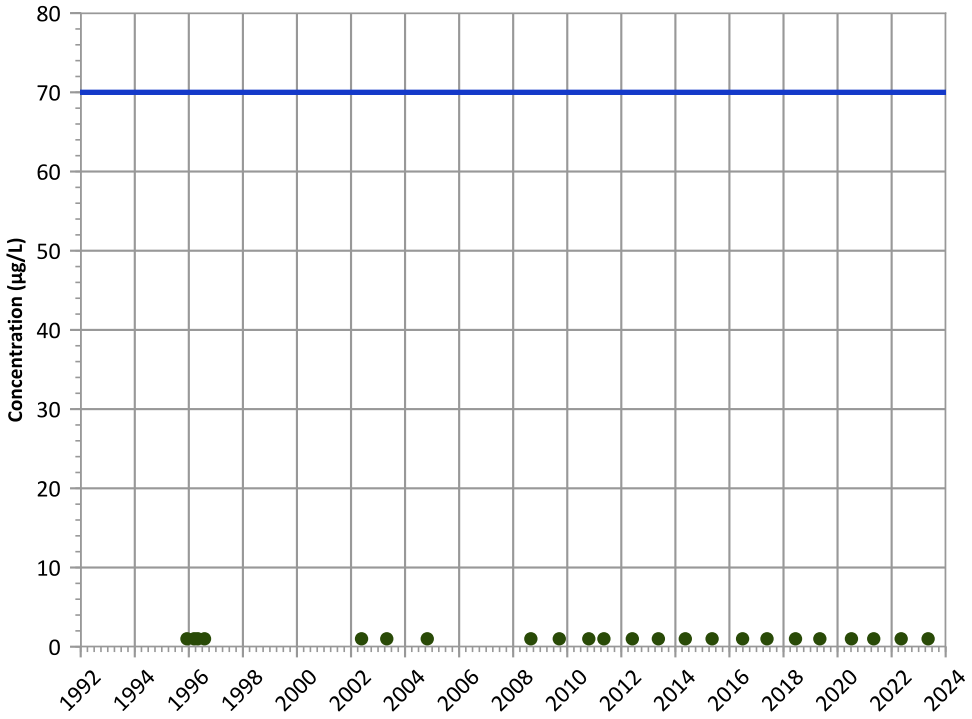


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

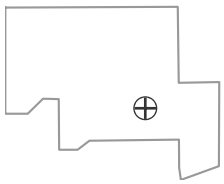
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

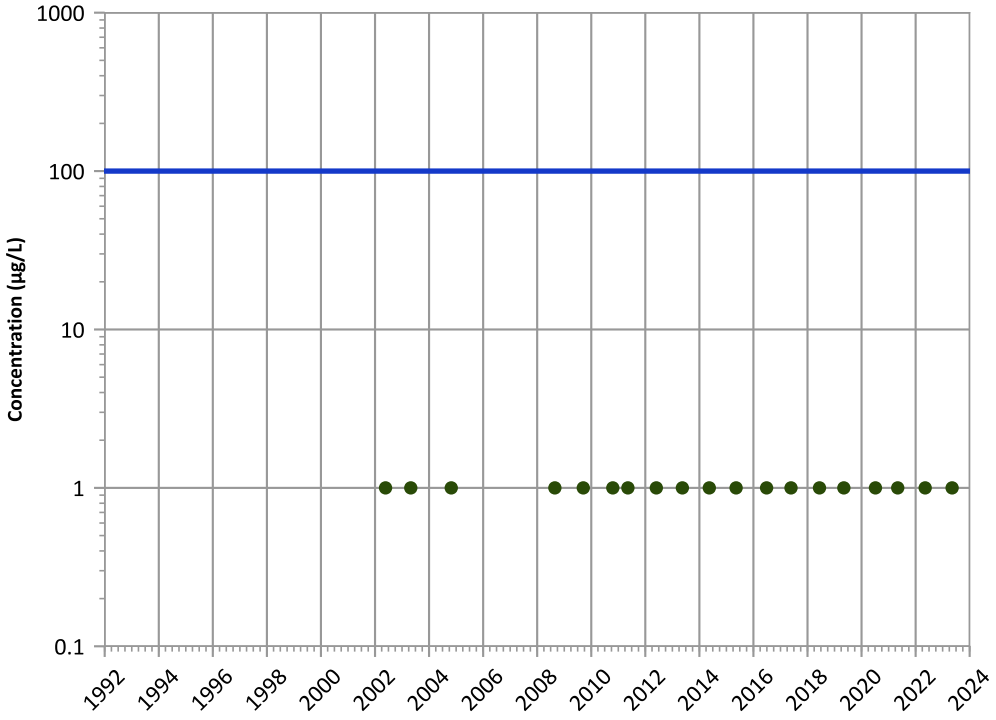
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

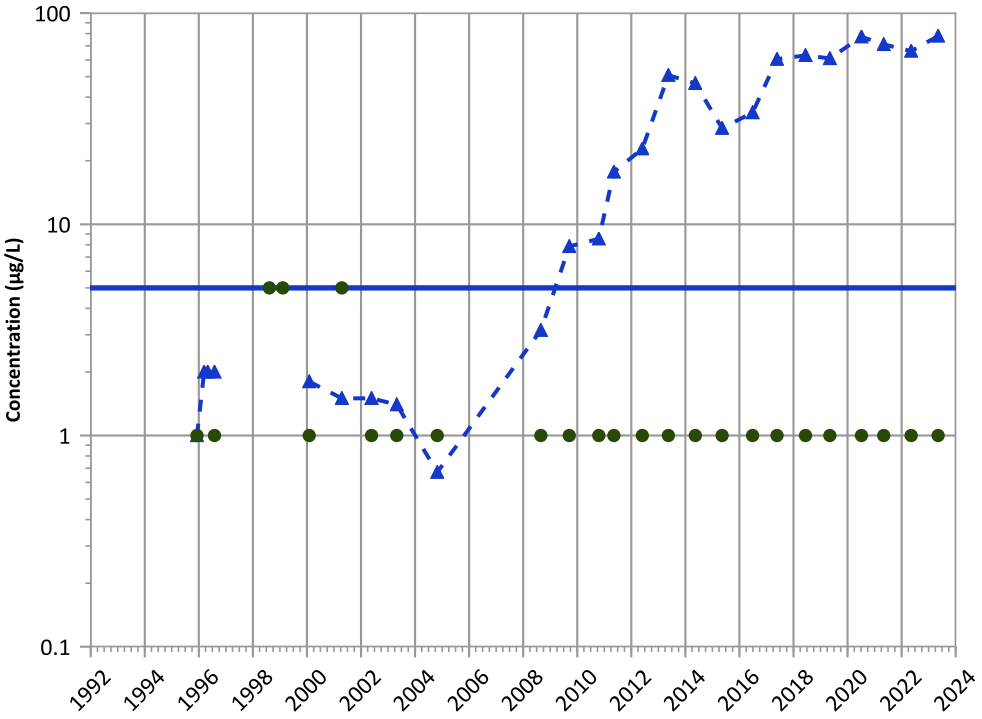


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

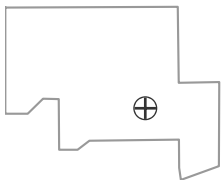
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

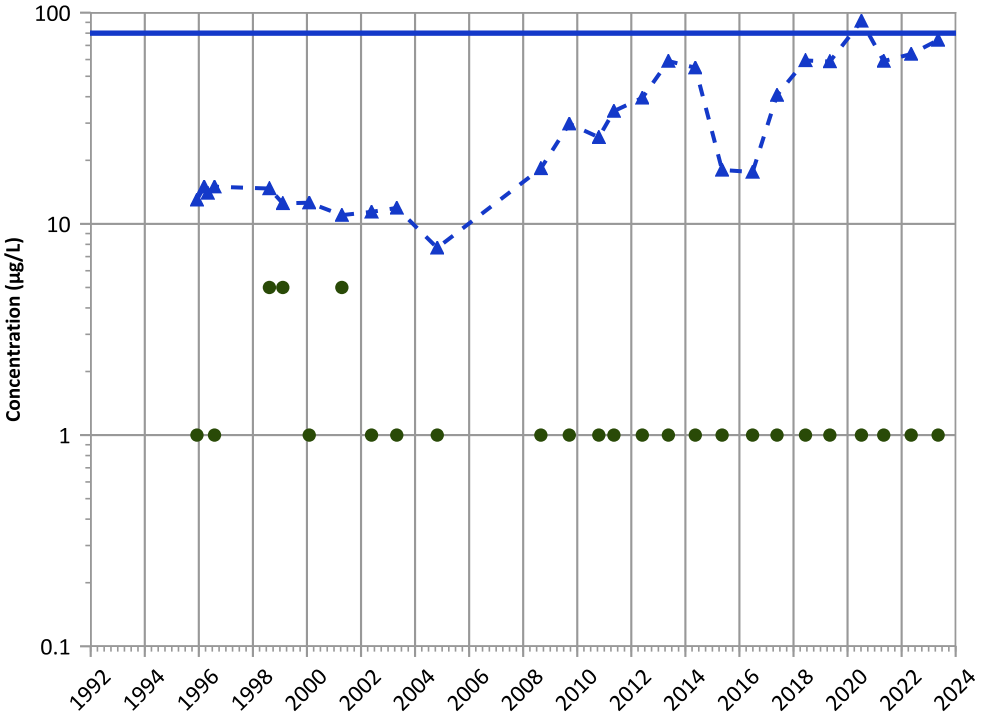
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

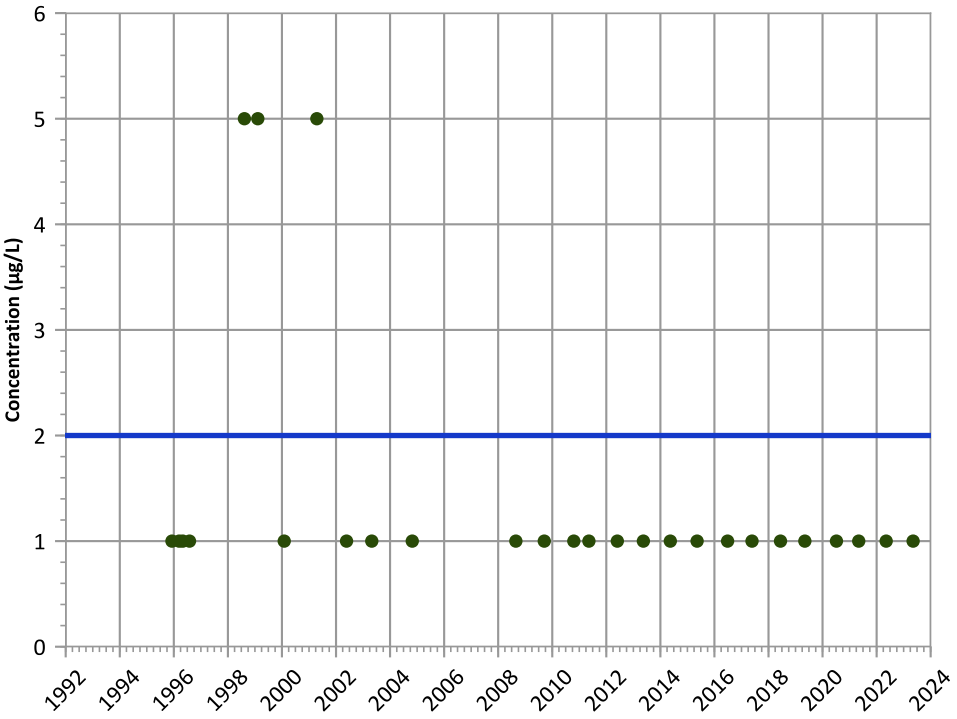


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

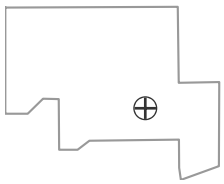
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

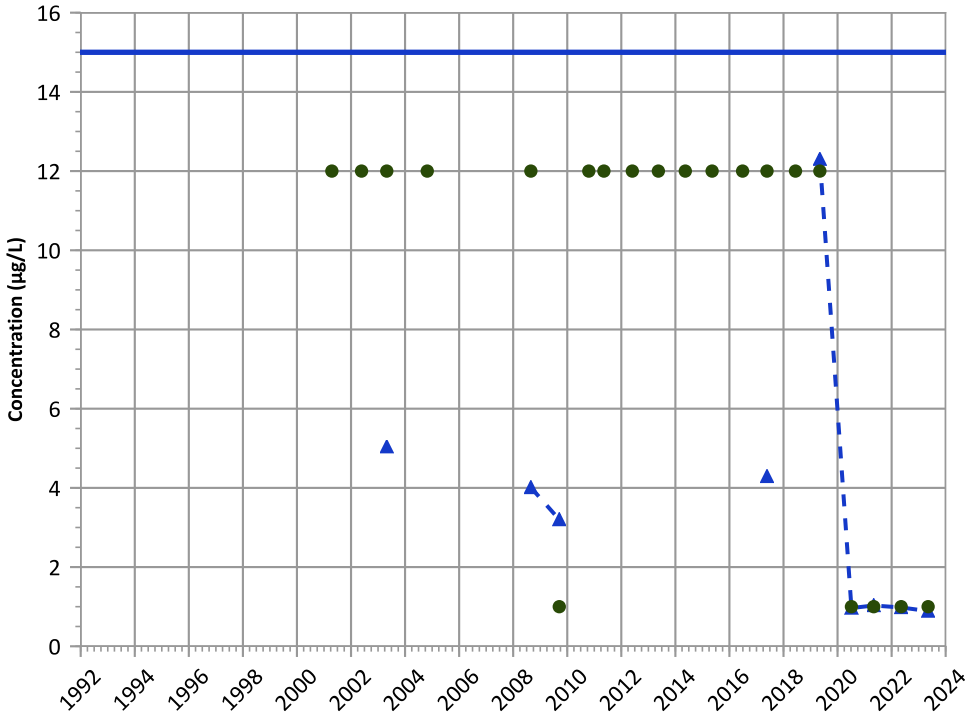
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

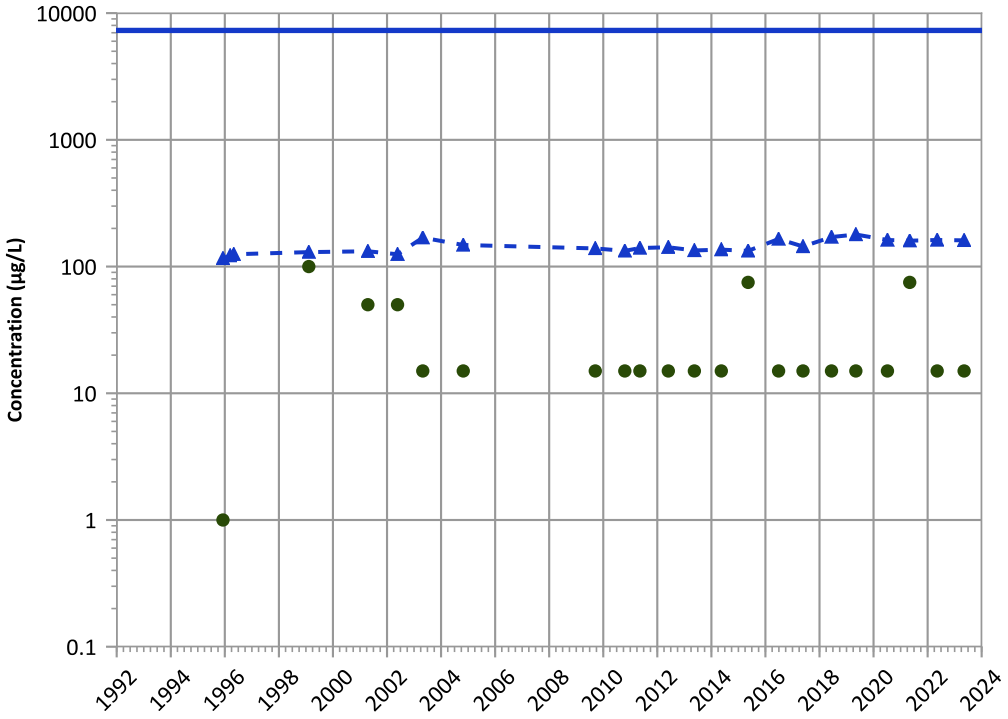


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

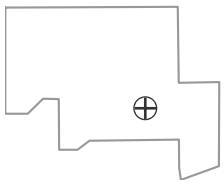
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

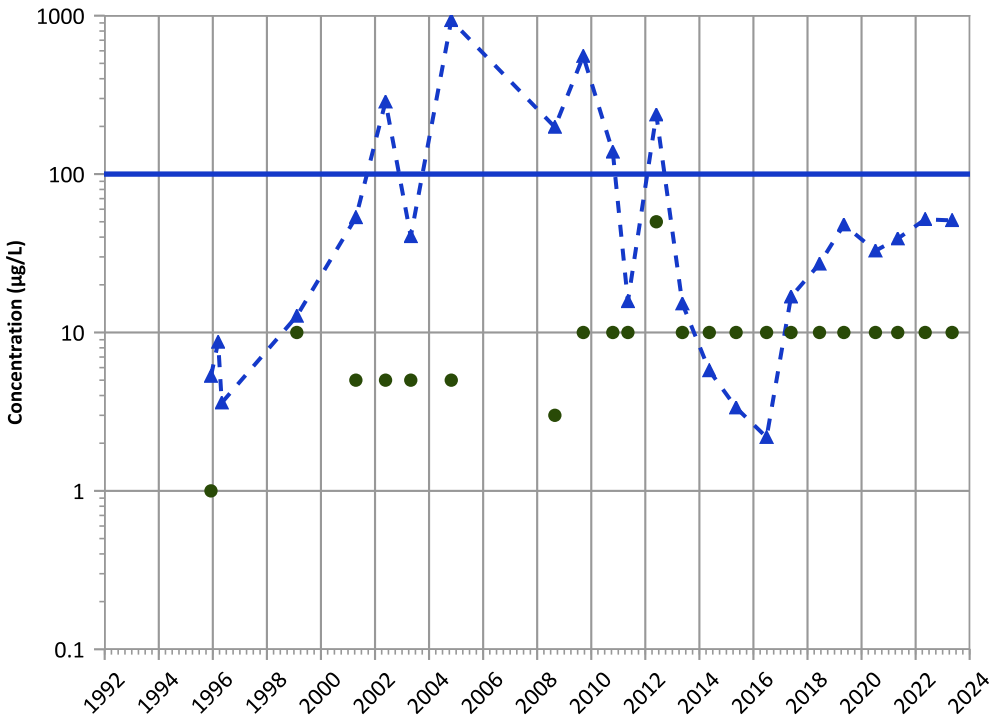
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

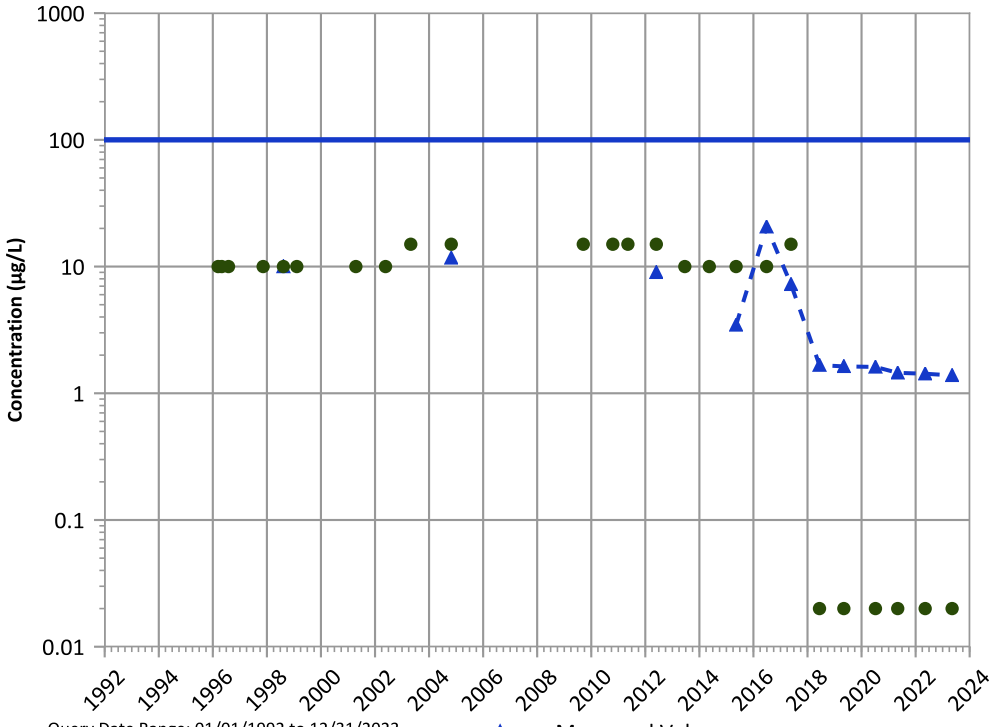


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

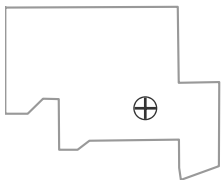
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

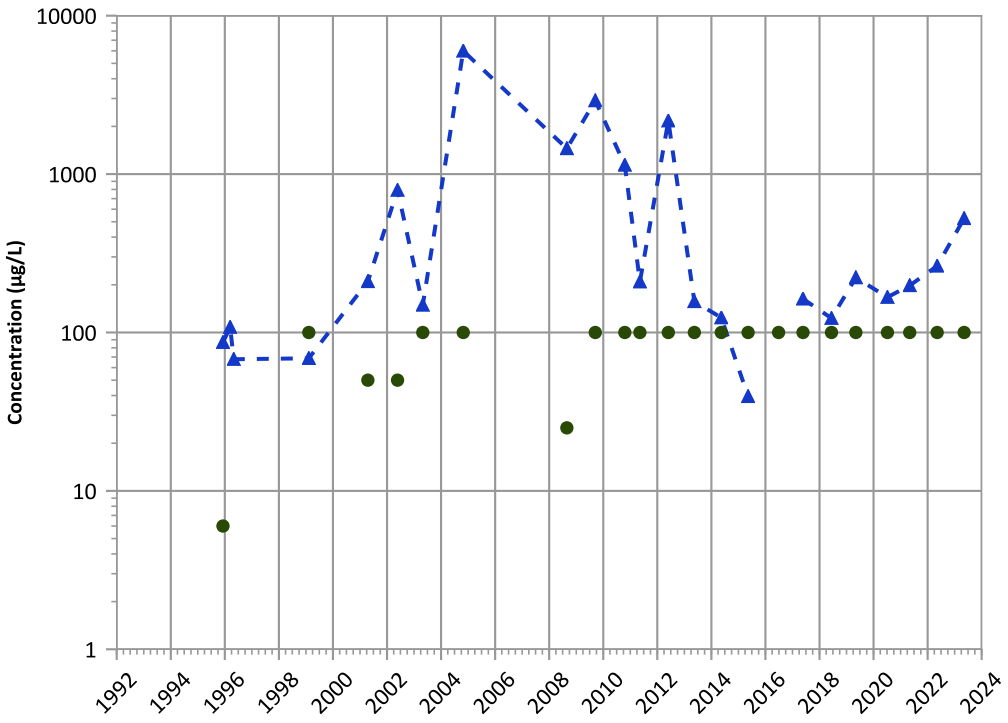
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

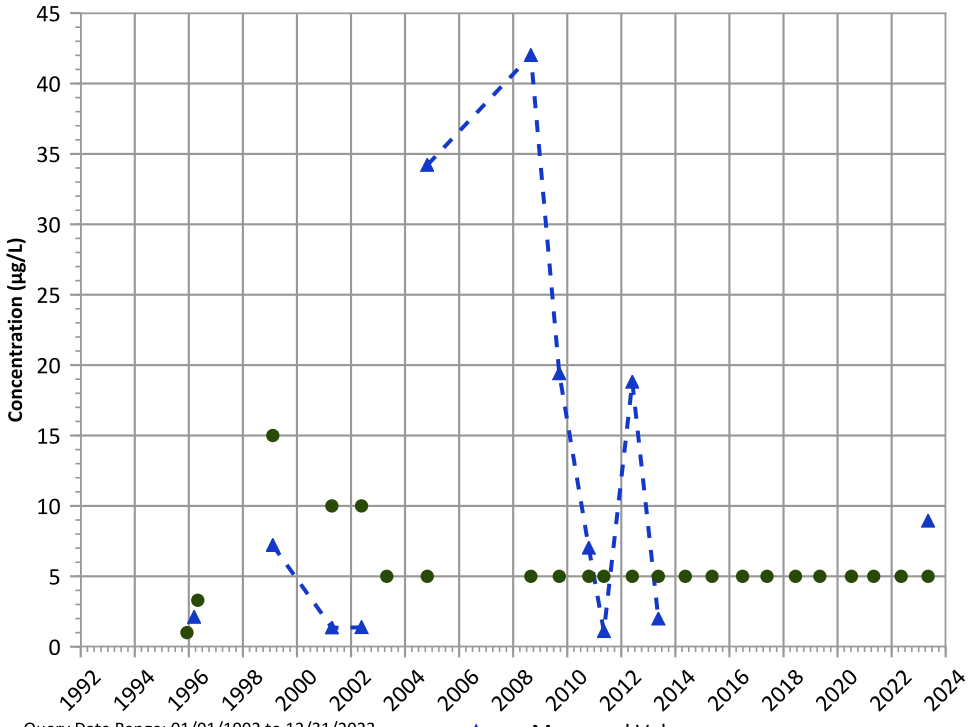


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Manganese Trend



Concentration Trend

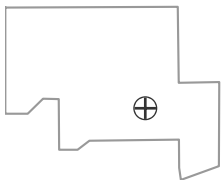
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

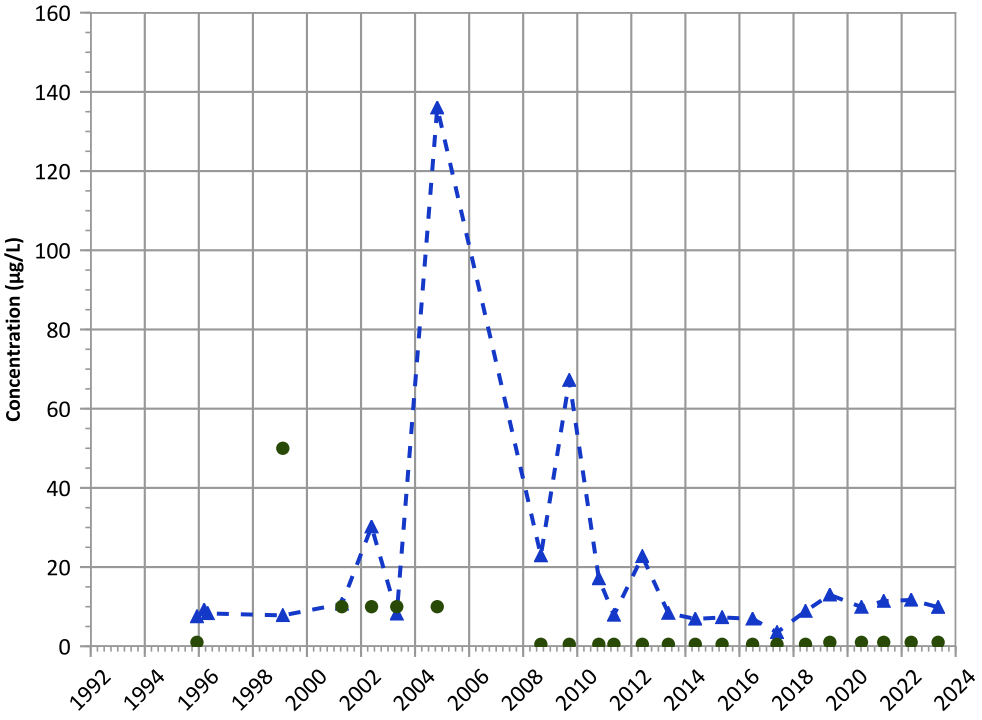
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

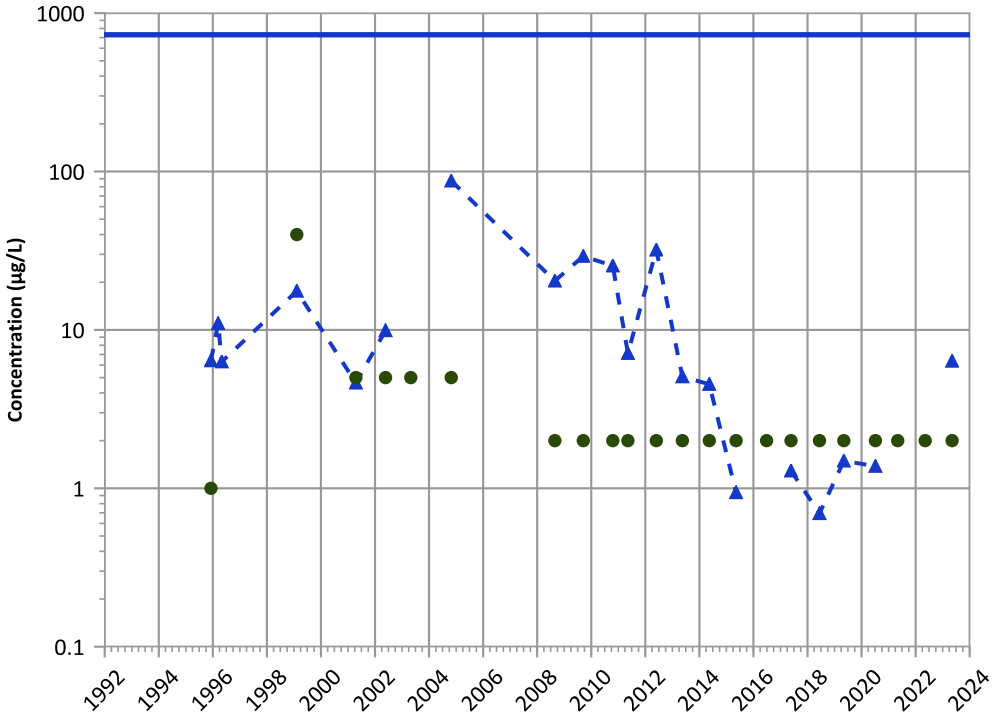


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

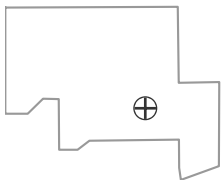
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

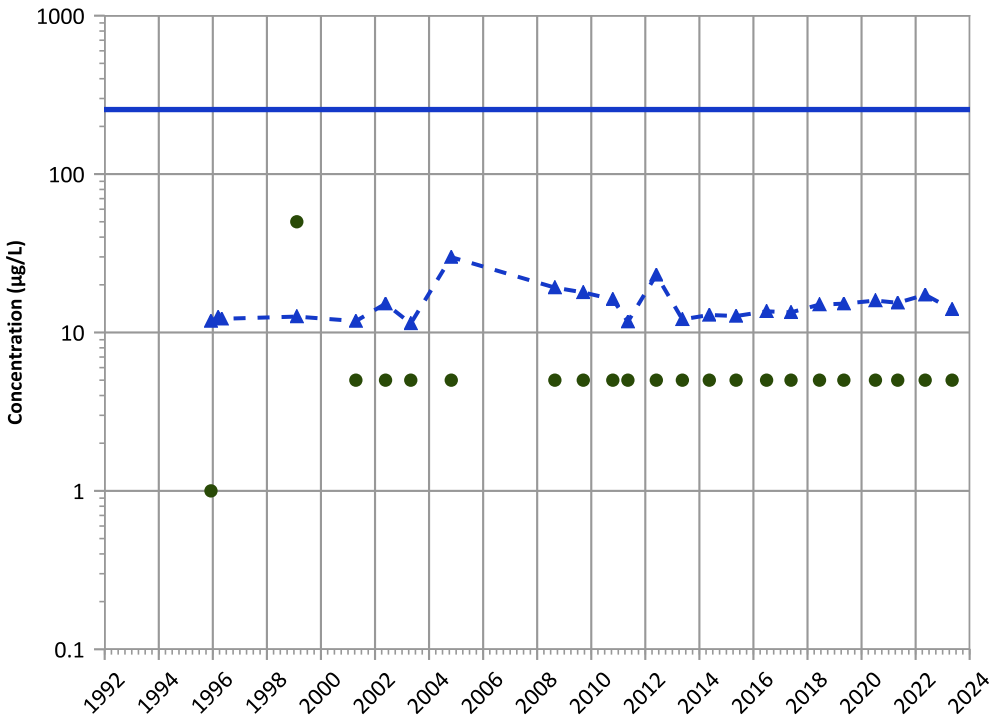
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

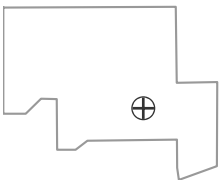
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

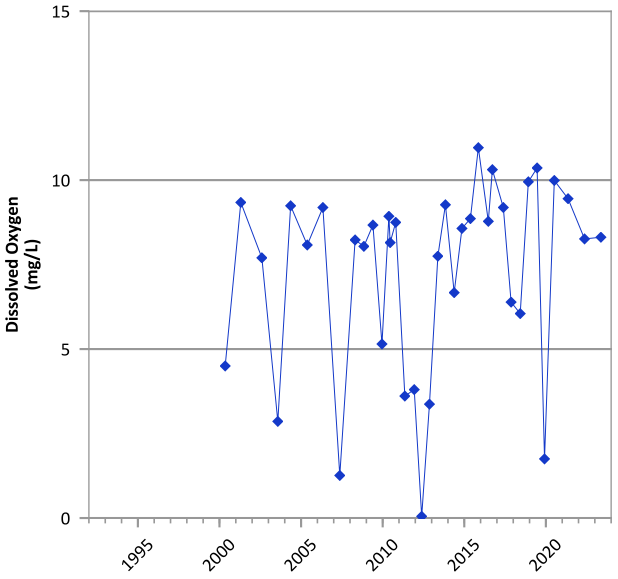
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/07/1995 to 05/09/2023
Analysis Date: 04/01/2024

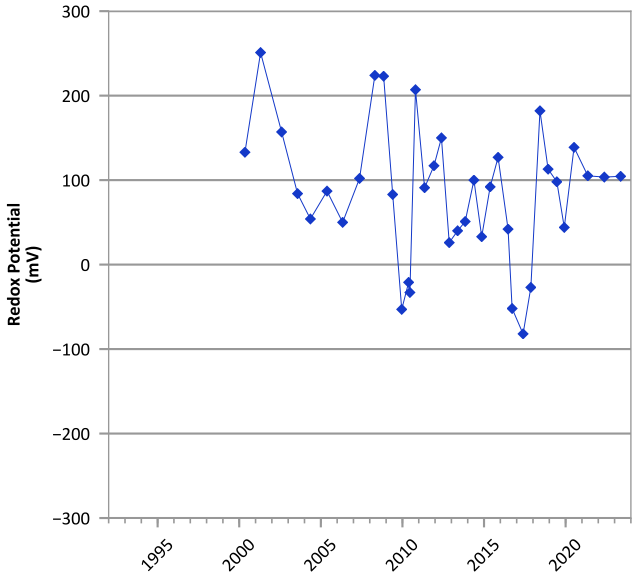
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

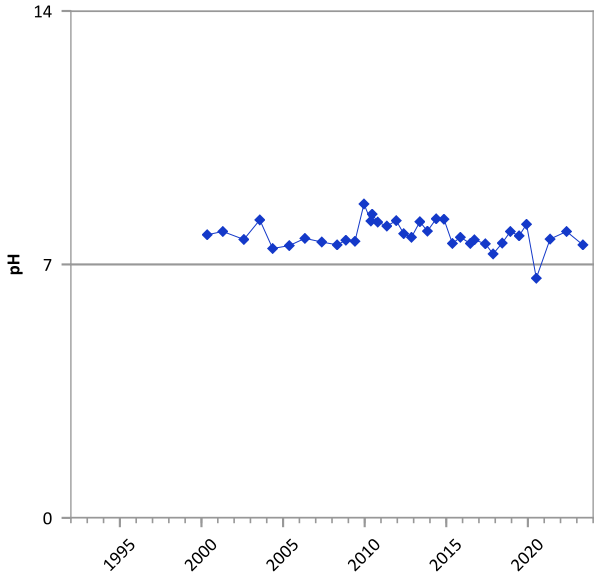
Well Location

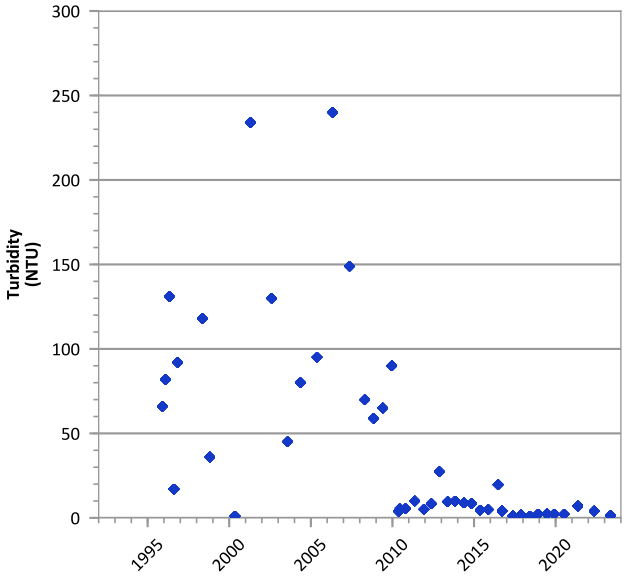


PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

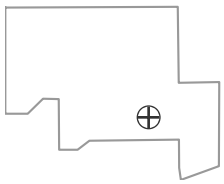






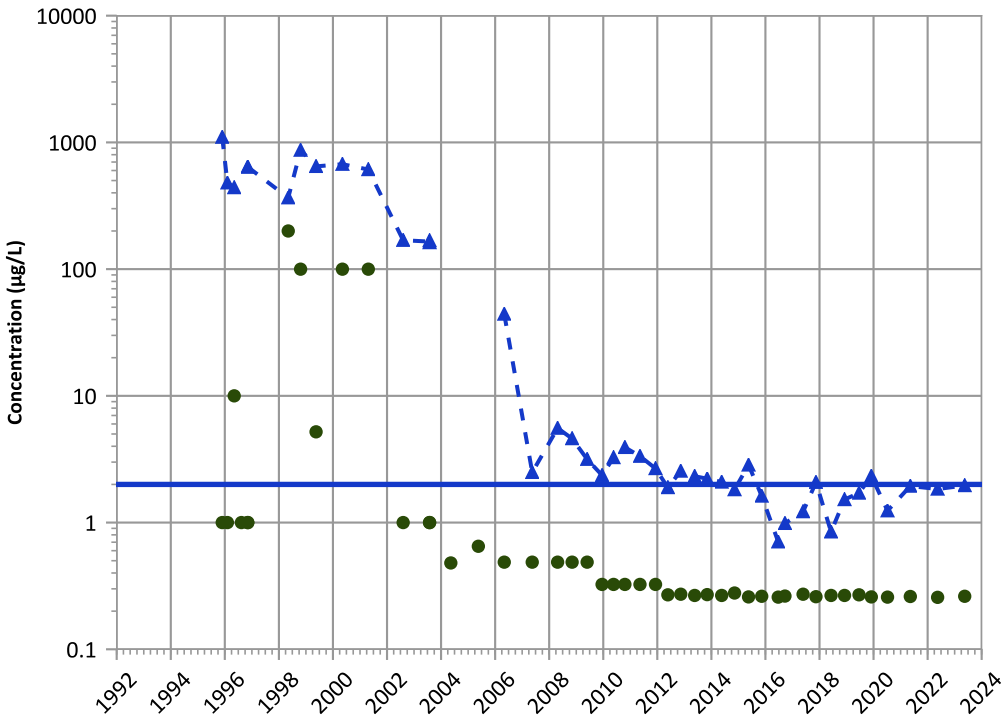


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

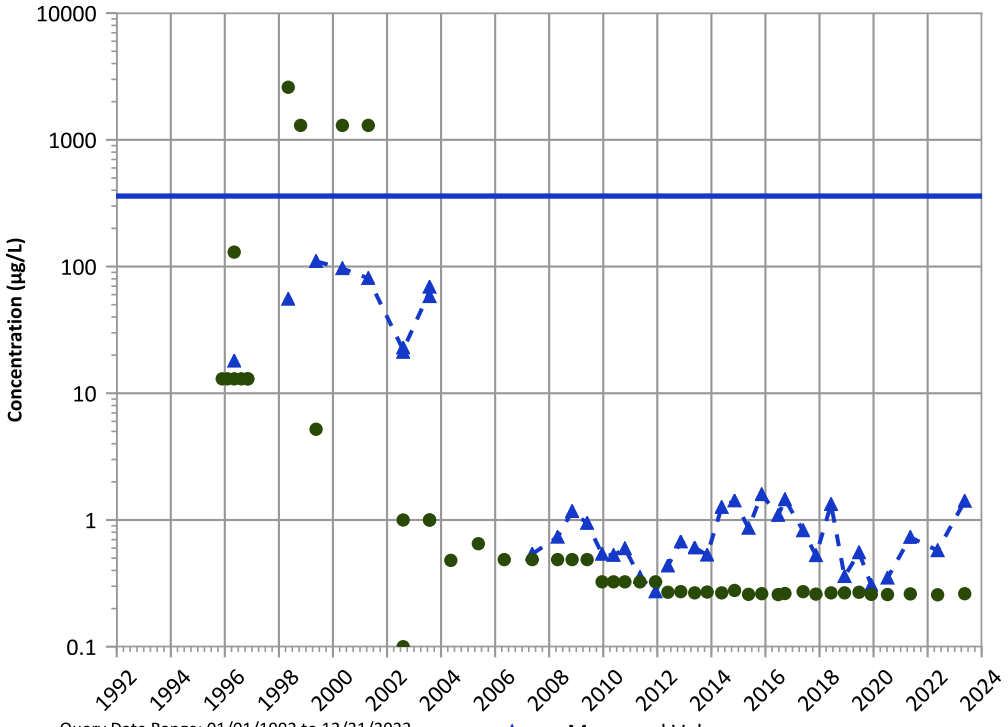


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

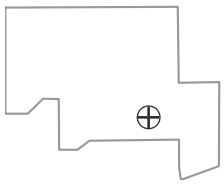
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

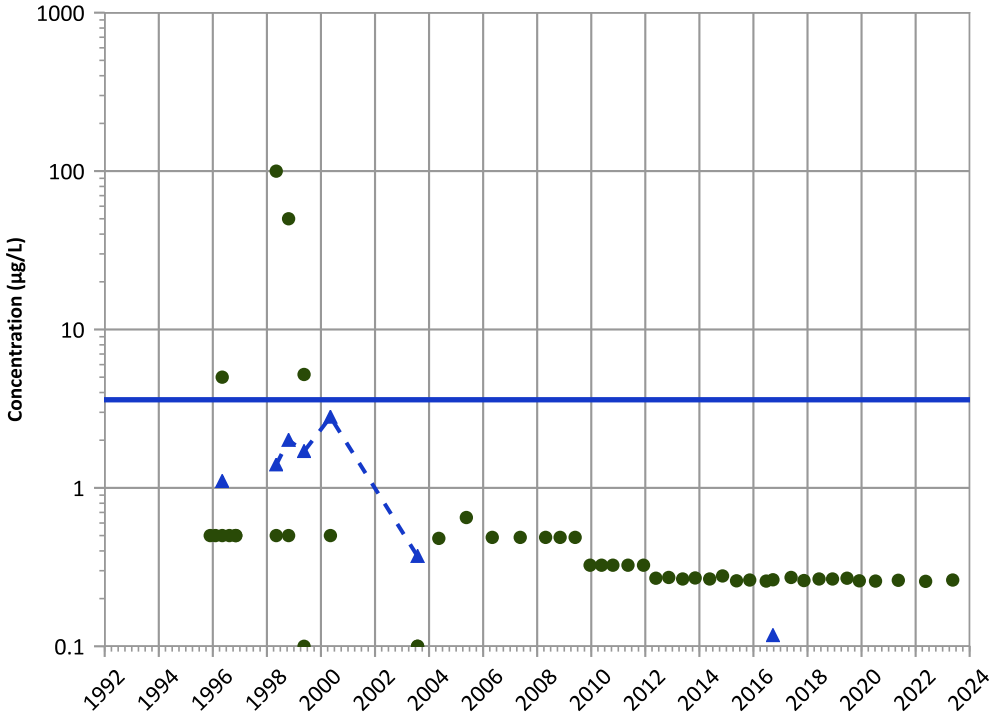
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

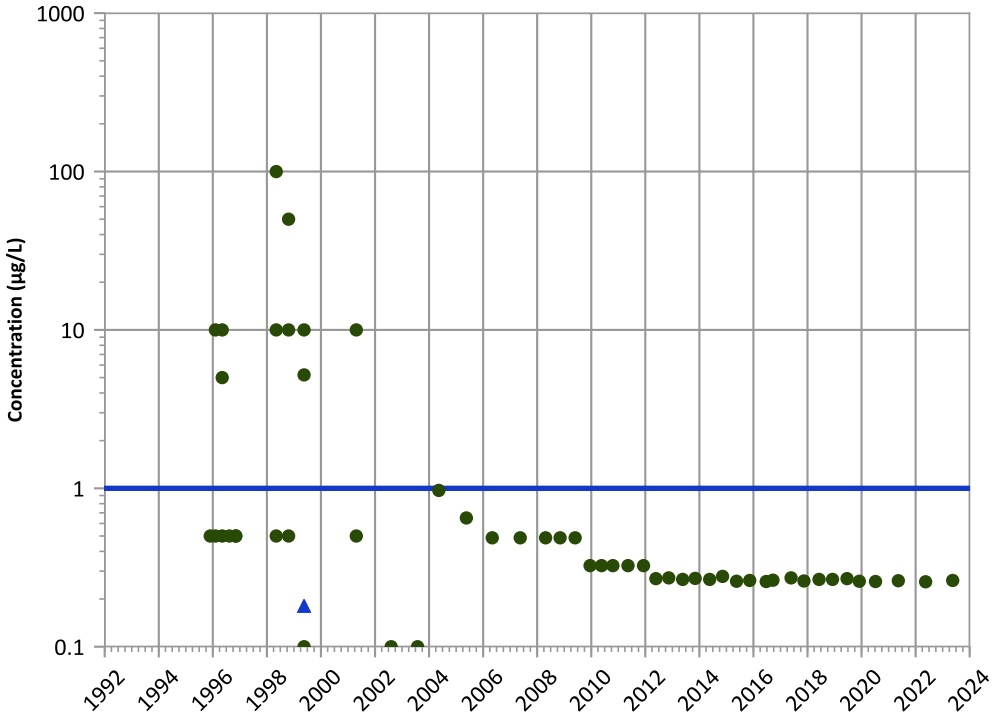


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

2,4-Dinitrotoluene Trend



Concentration Trend

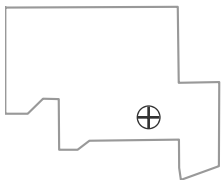
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

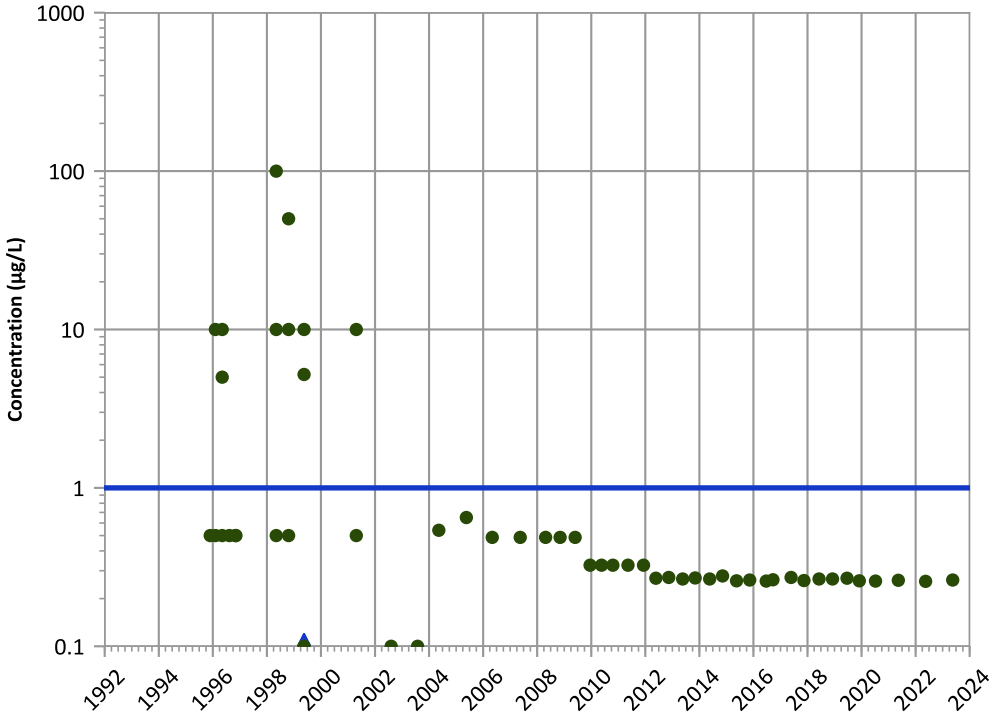
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

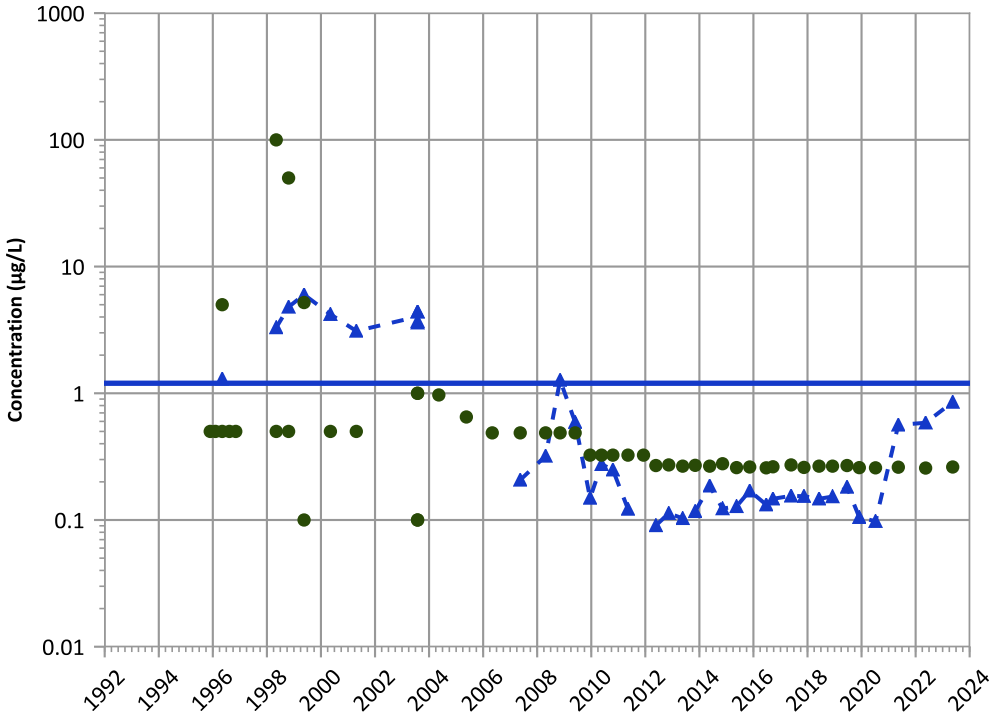


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

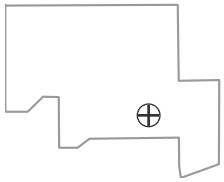
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

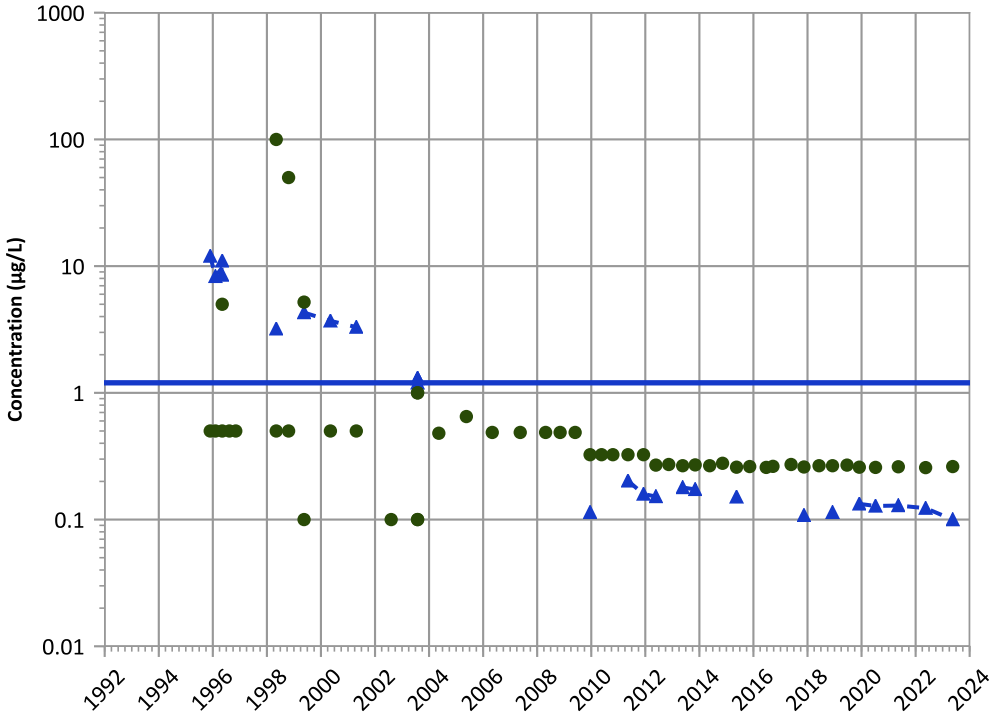
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

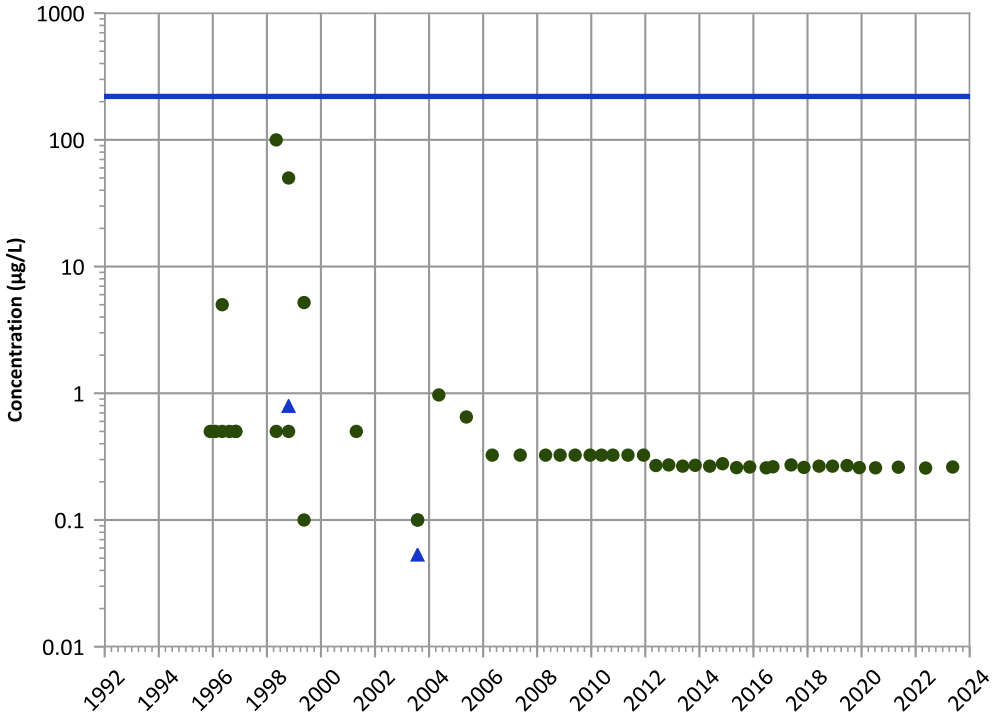


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

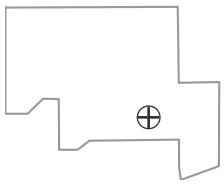
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

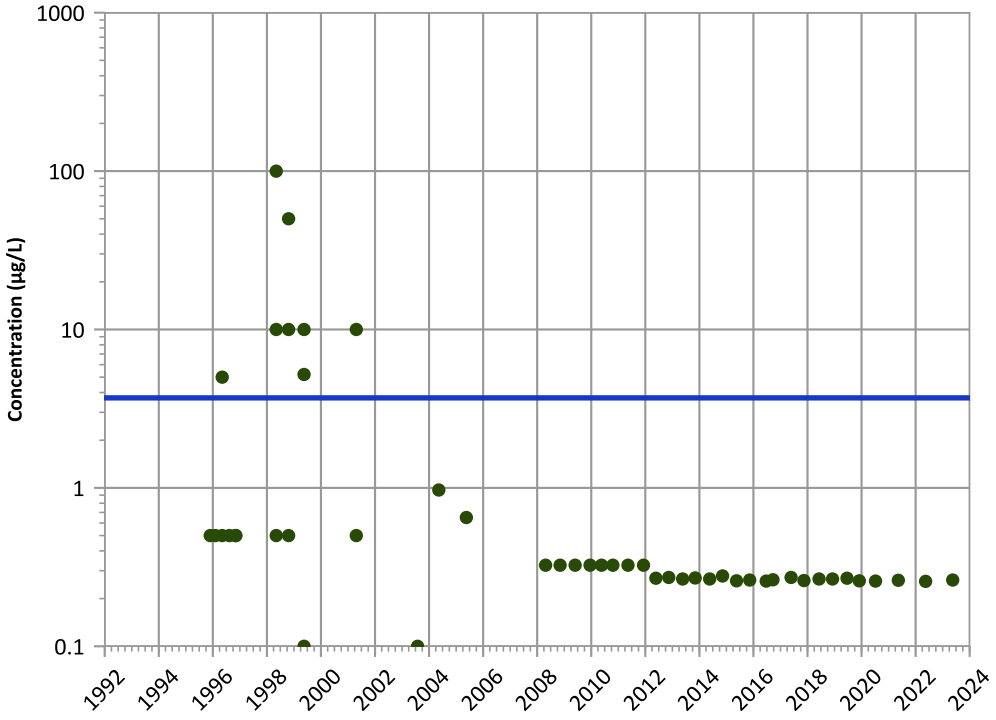
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

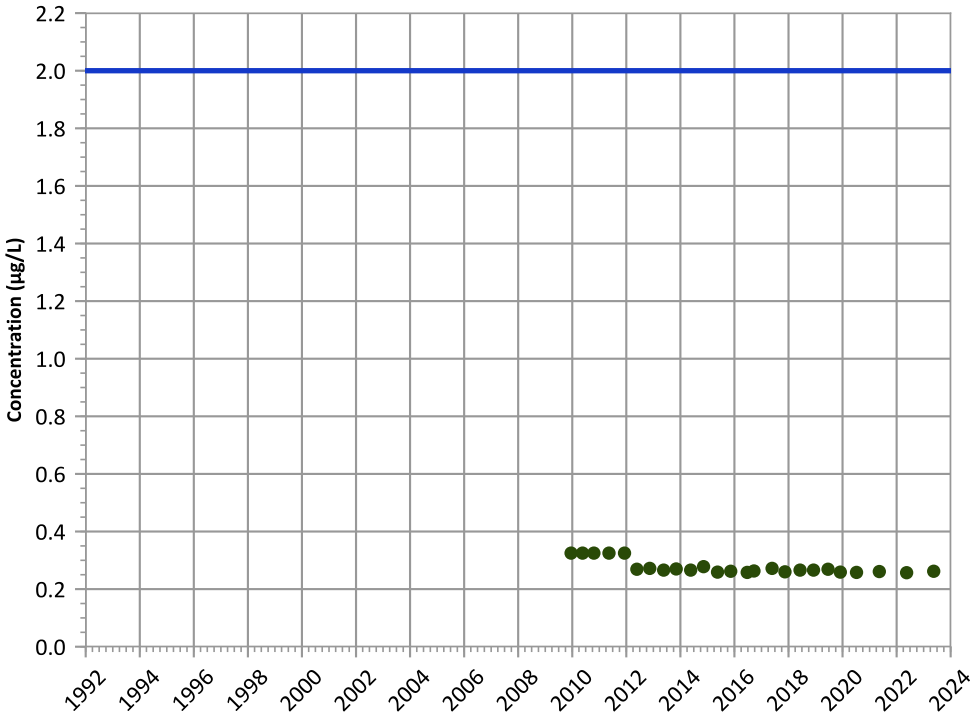
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



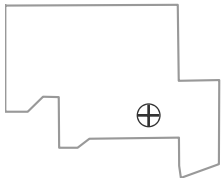
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

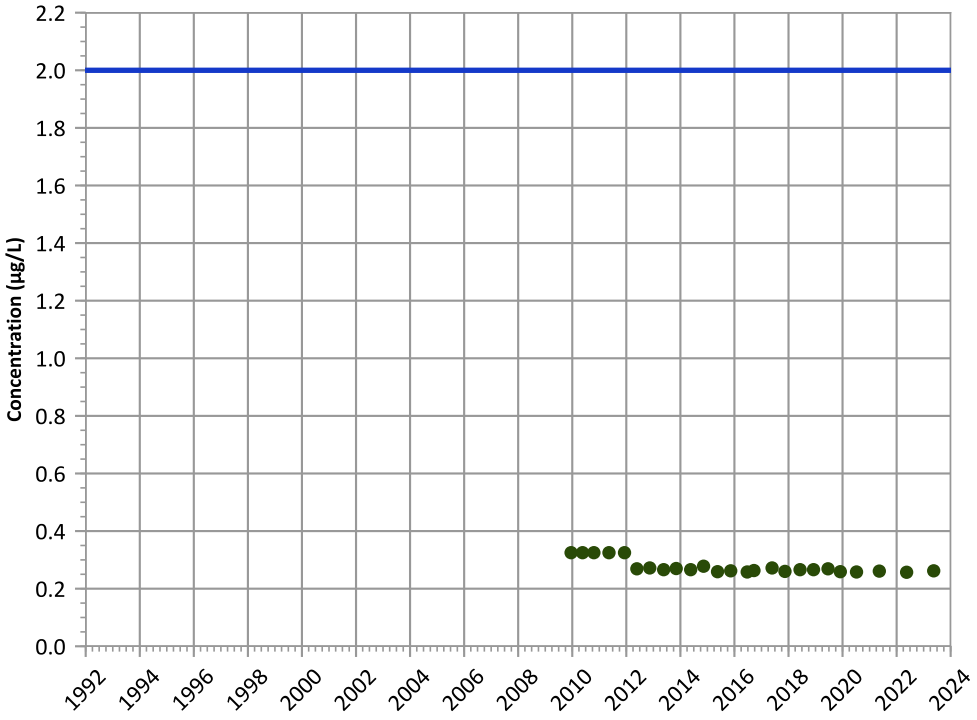
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

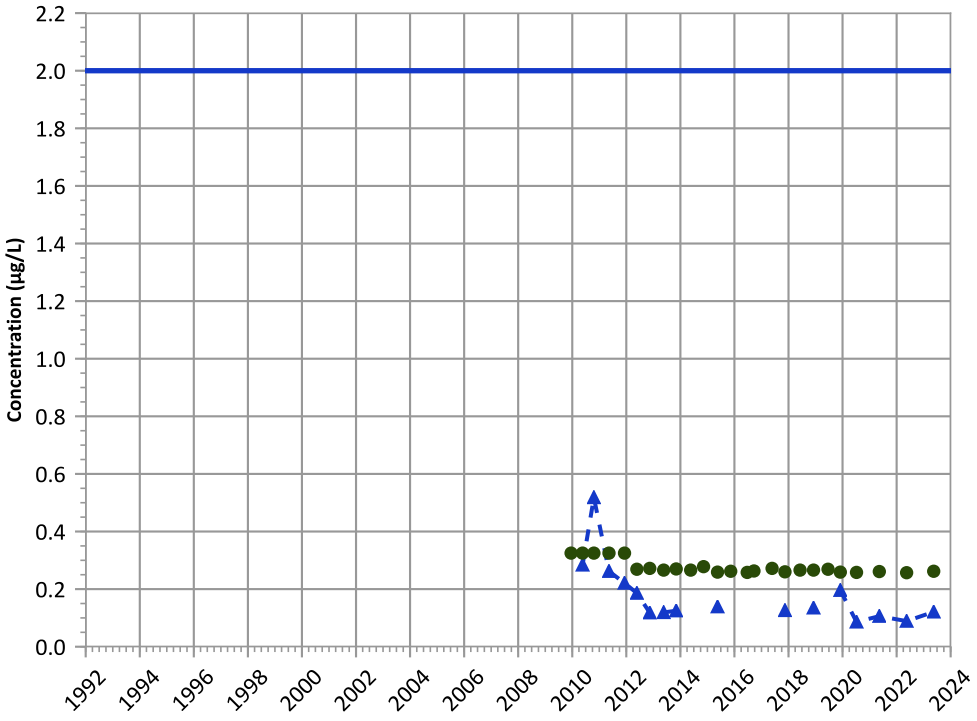


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

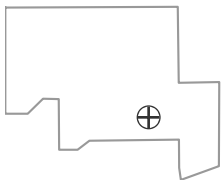
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

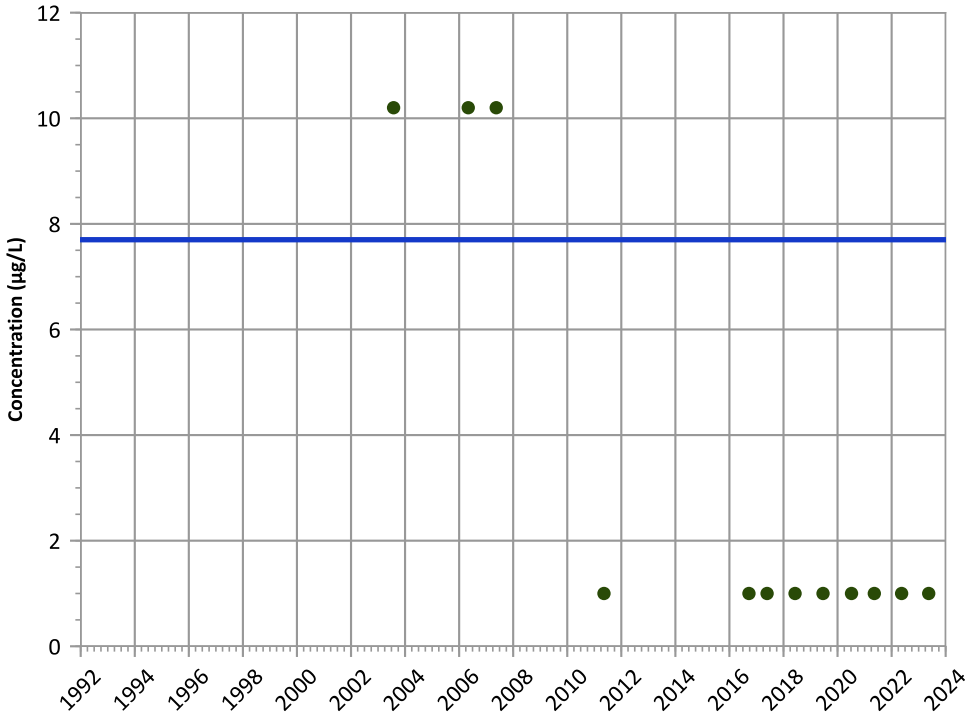
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

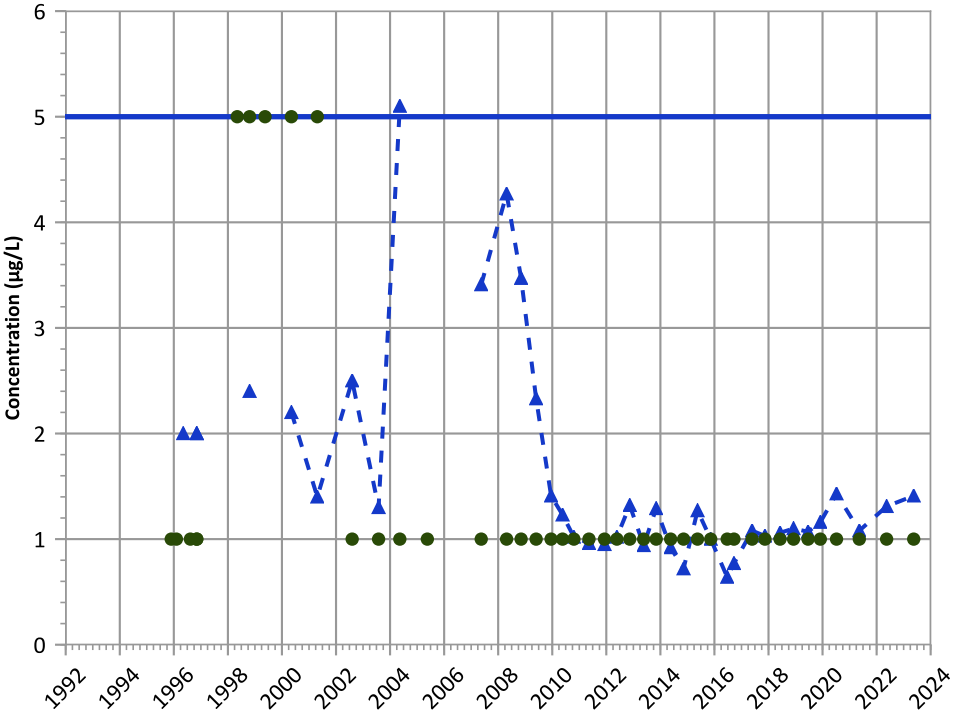


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

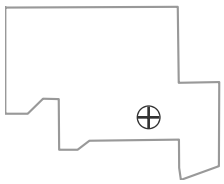
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

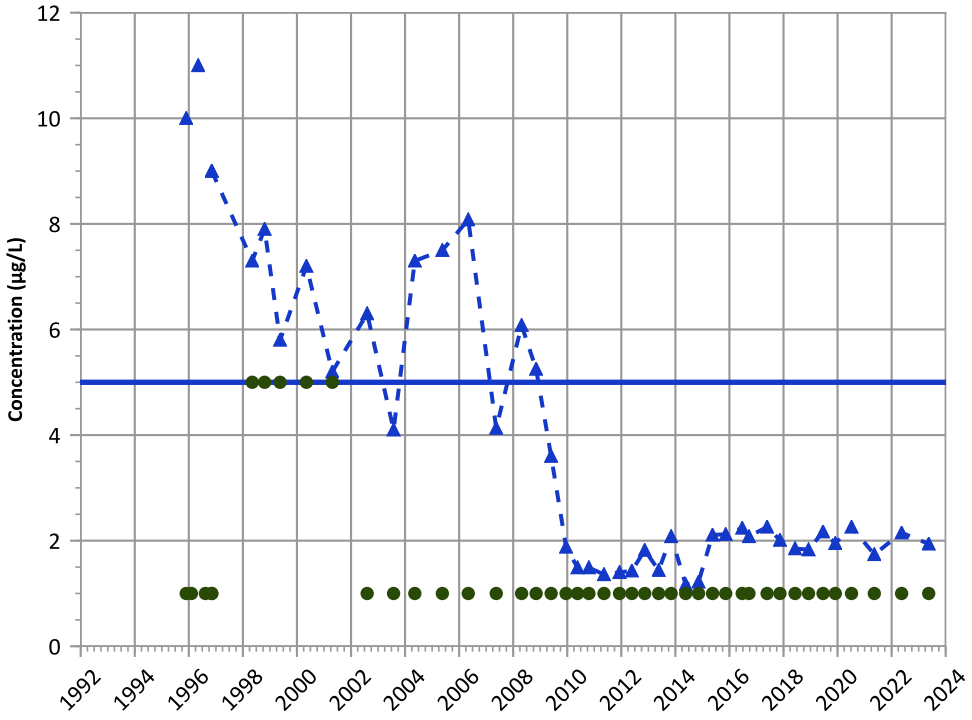
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

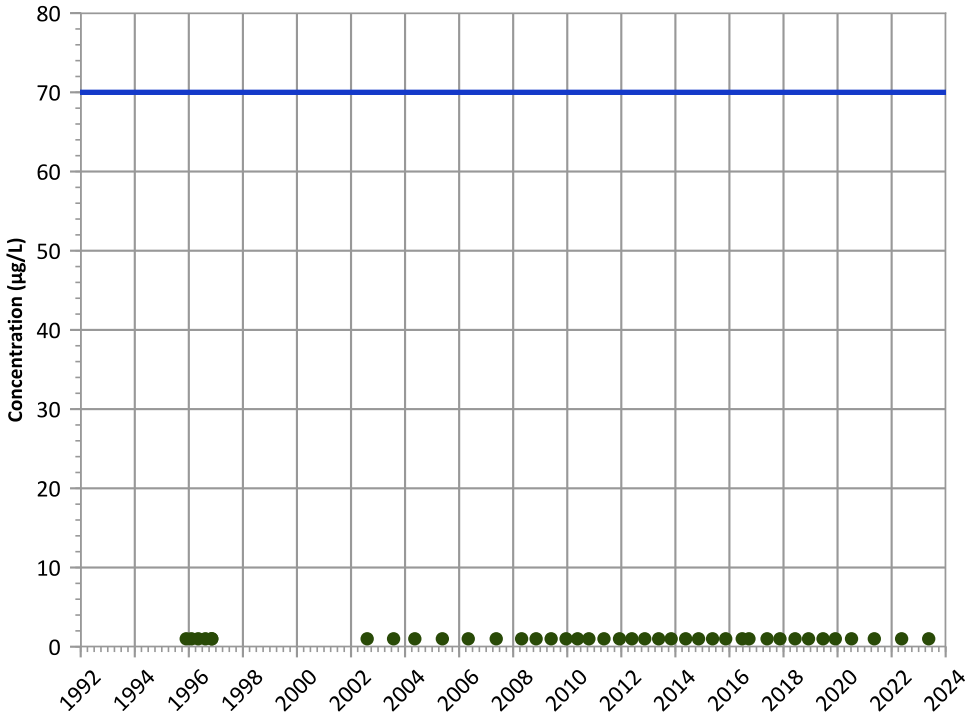


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

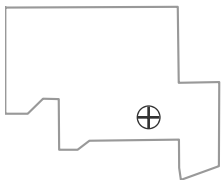
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

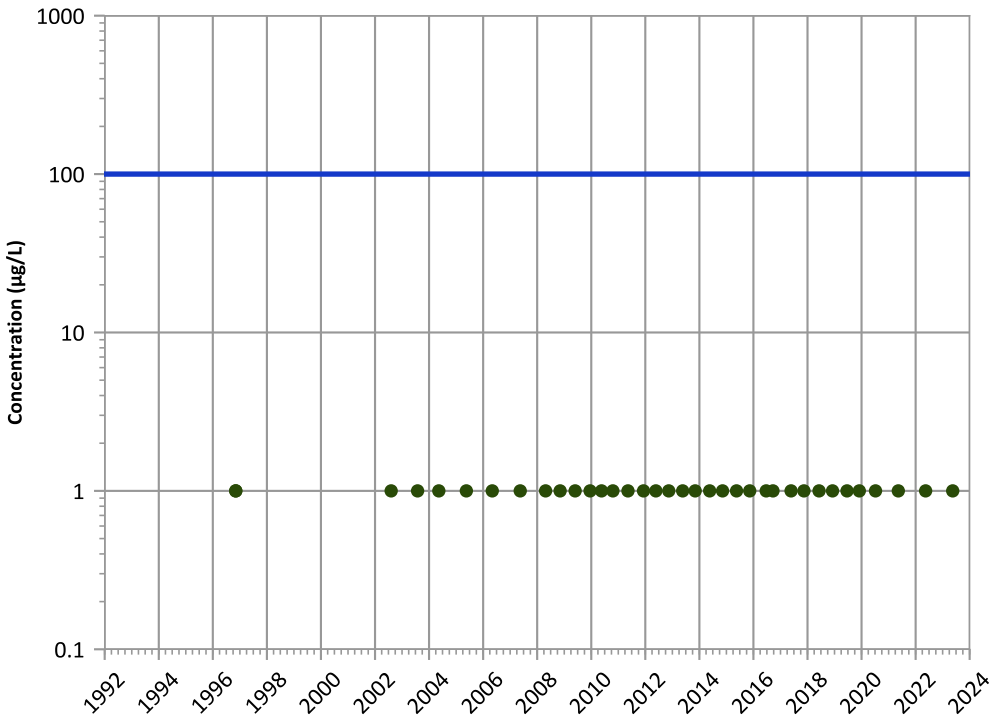
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

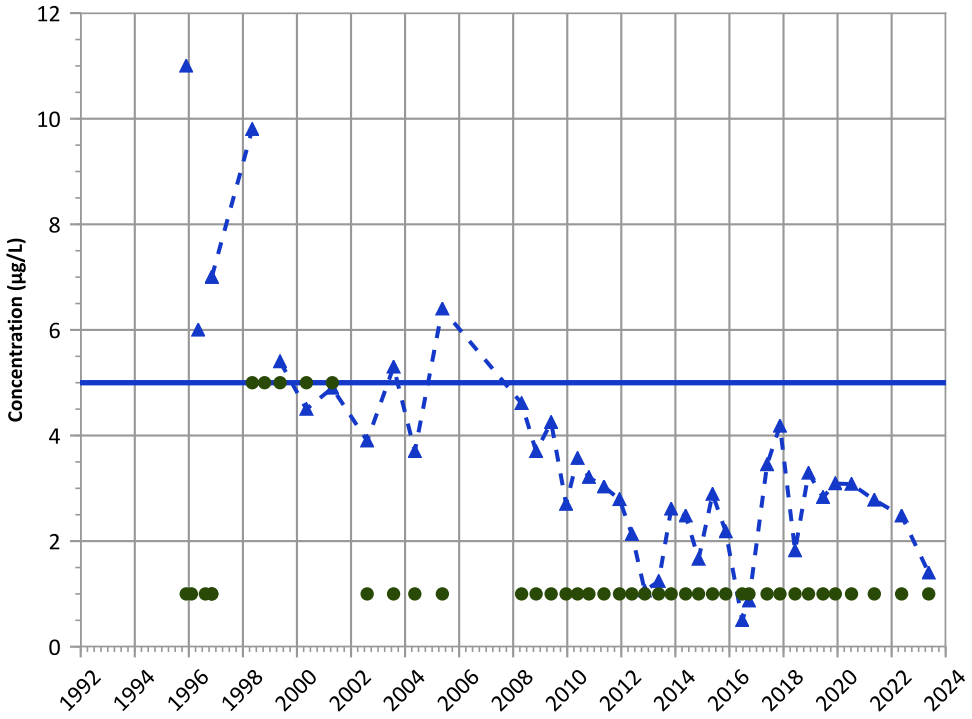


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

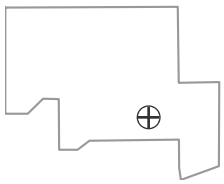
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

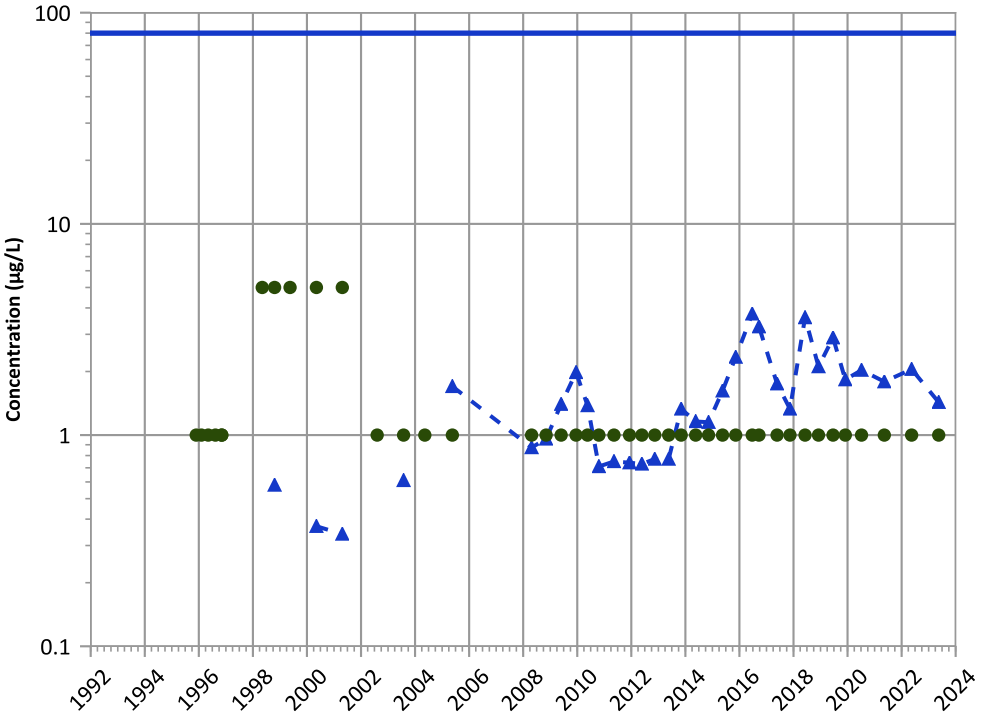
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

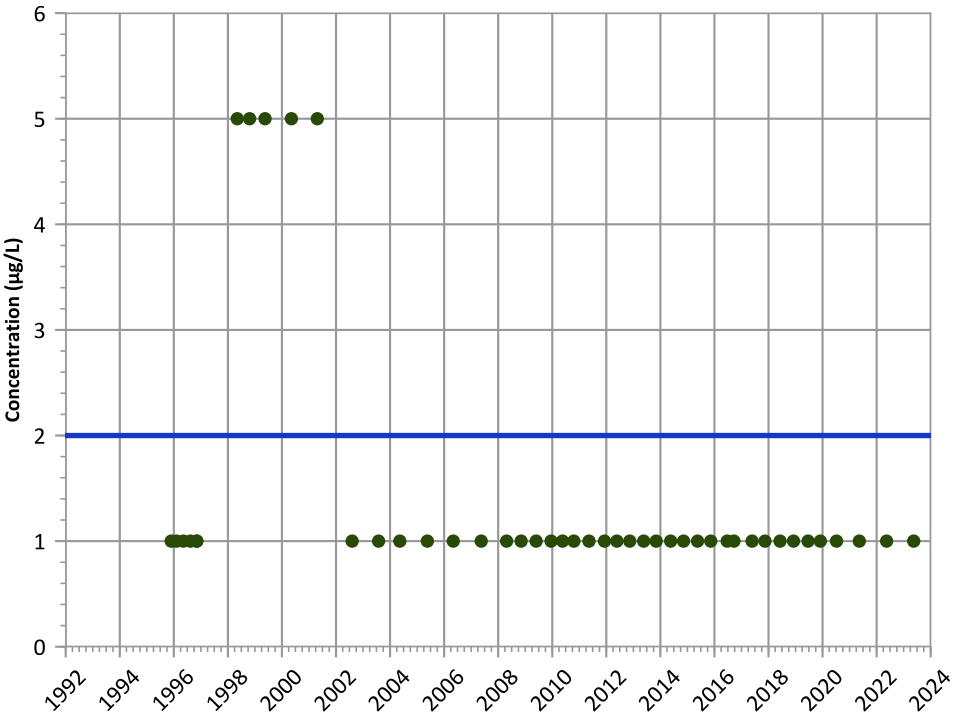


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Vinyl Chloride Trend



Concentration Trend

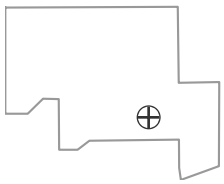
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

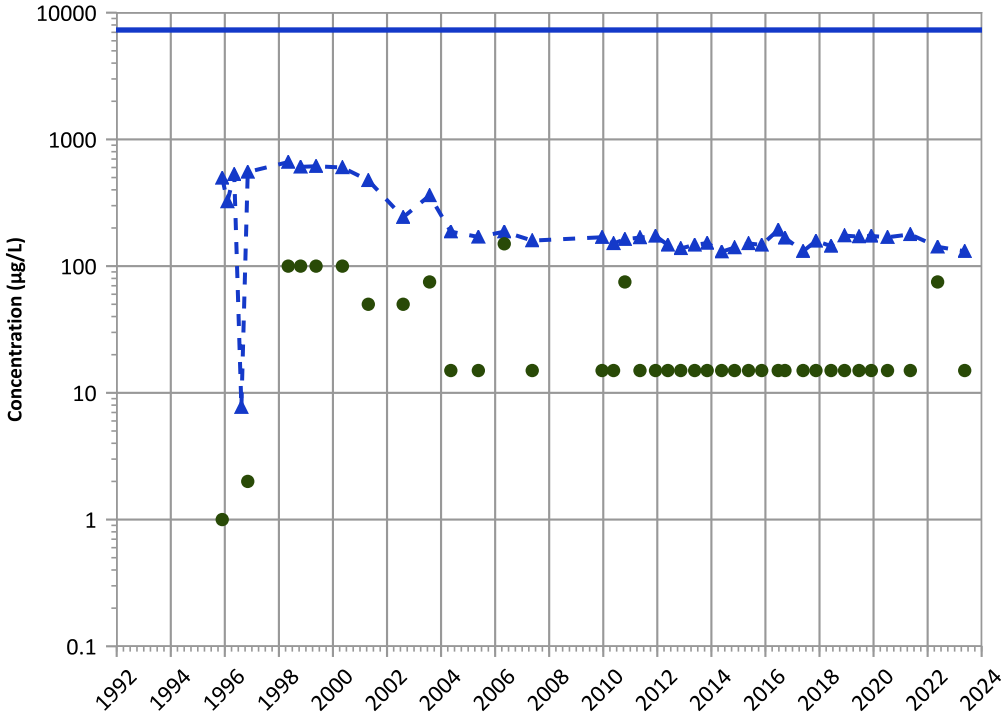
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

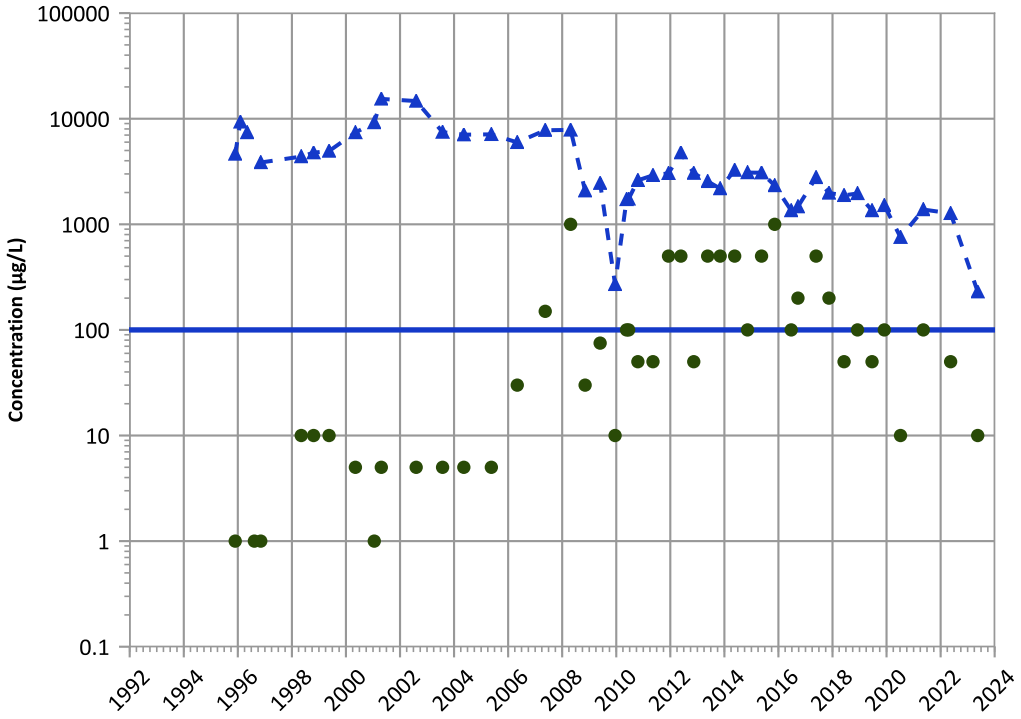


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chromium, Total Trend



Concentration Trend

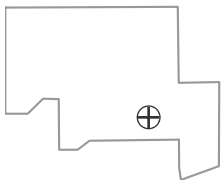
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

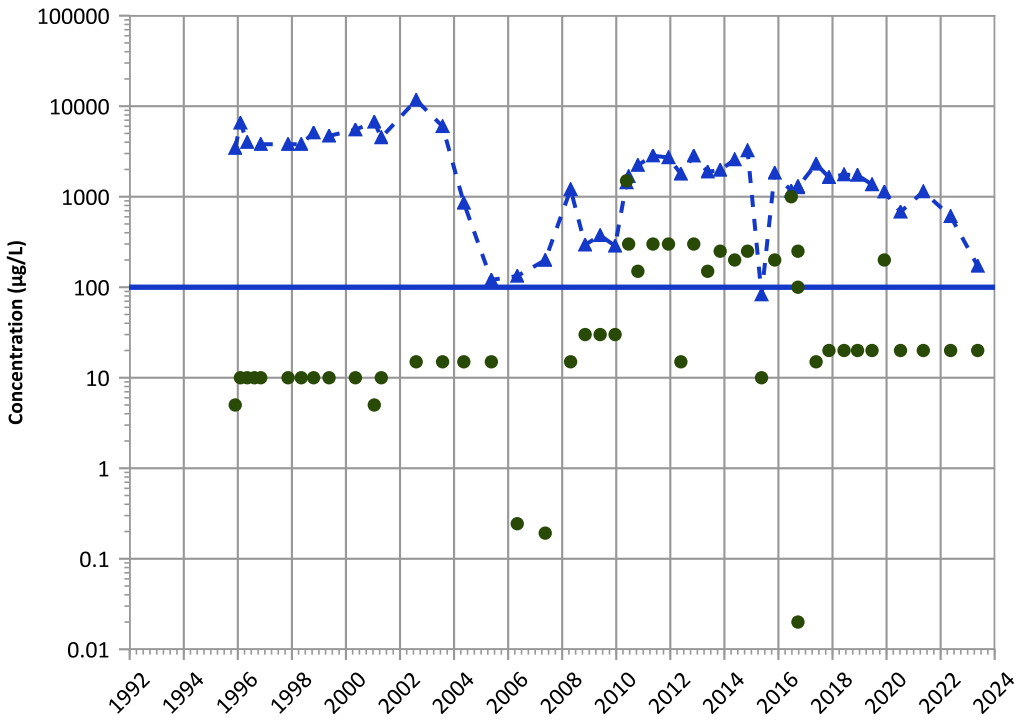
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

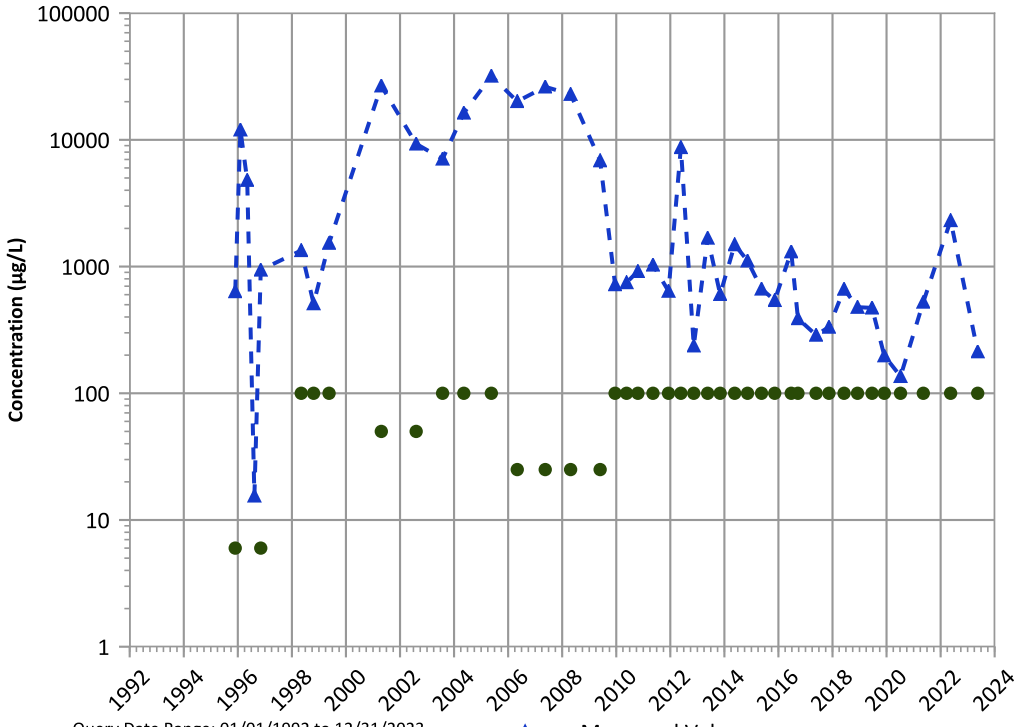


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Iron Trend



Concentration Trend

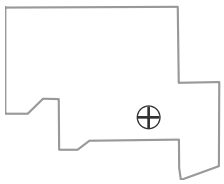
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

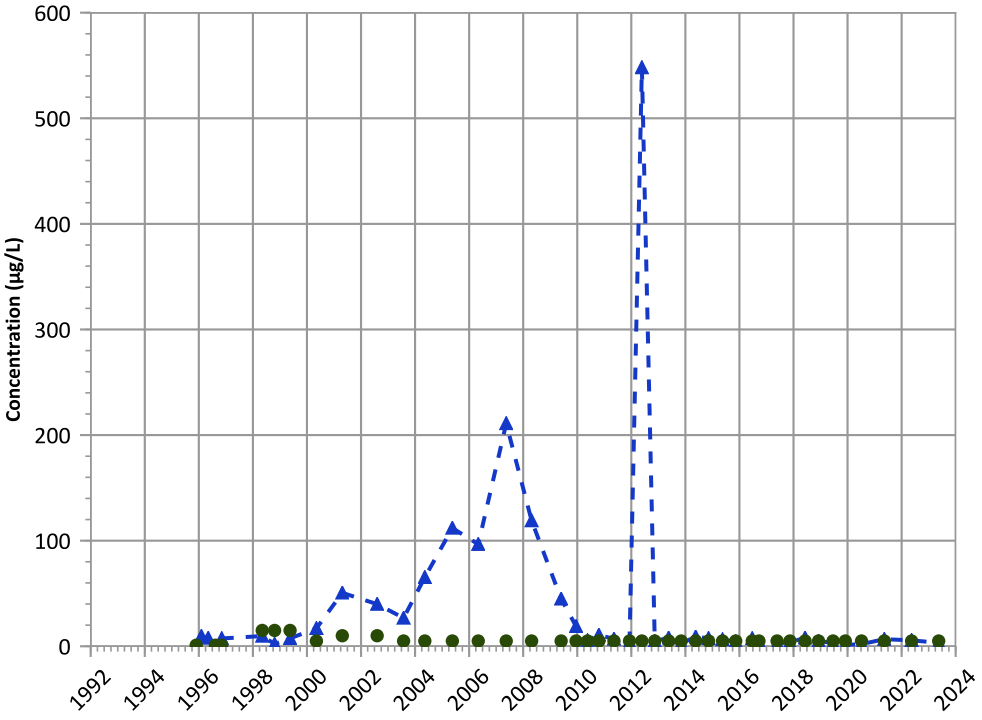
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

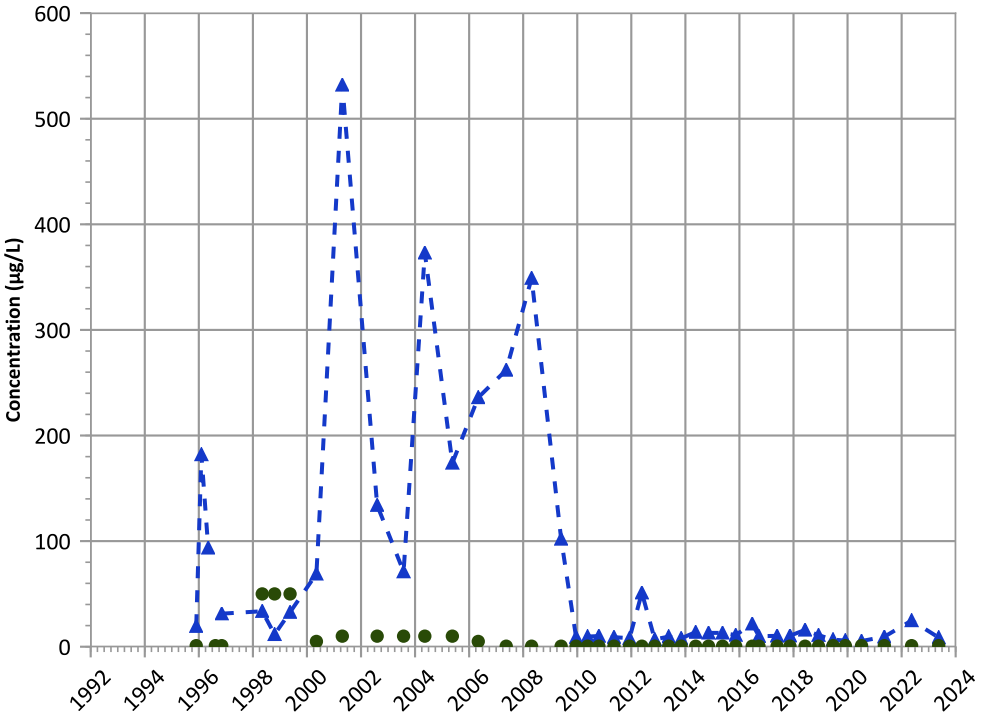


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Molybdenum Trend



Concentration Trend

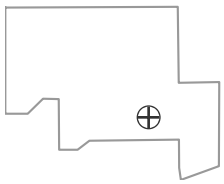
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

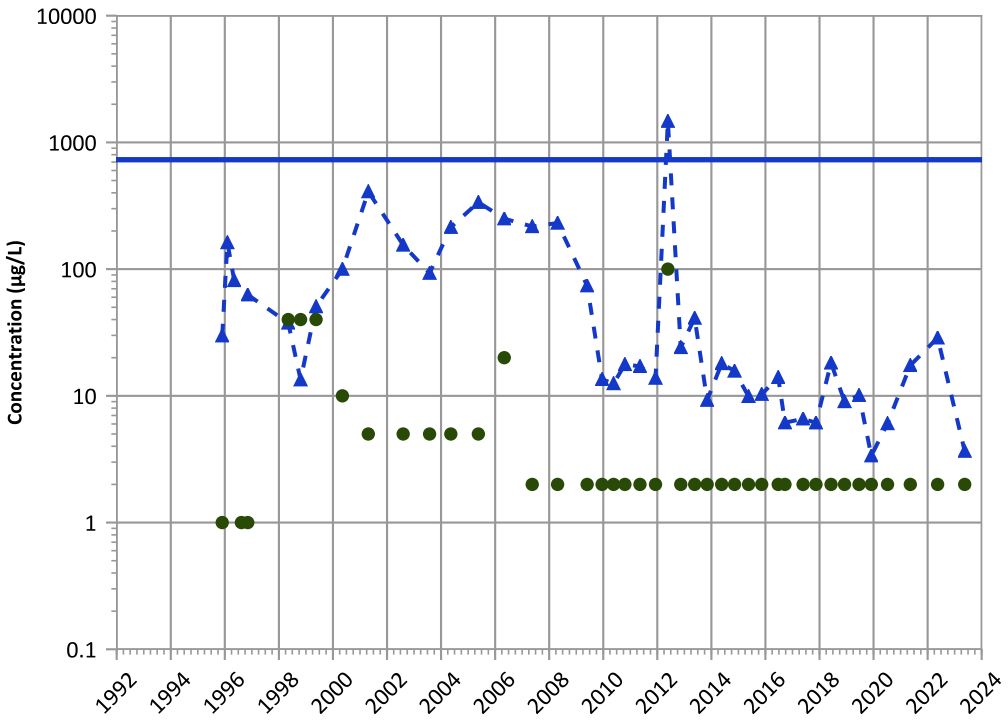
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

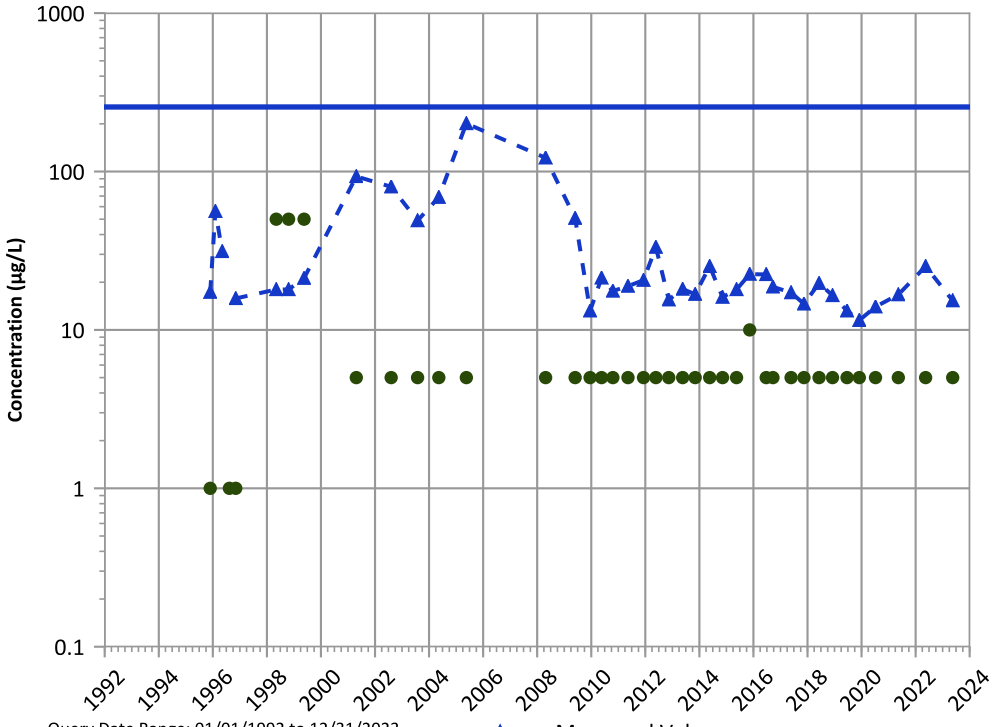


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Vanadium Trend



Concentration Trend

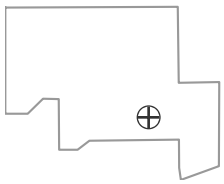
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

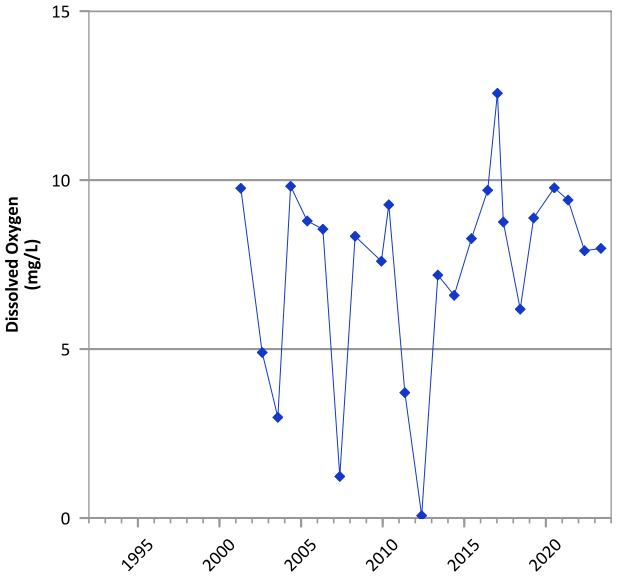
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

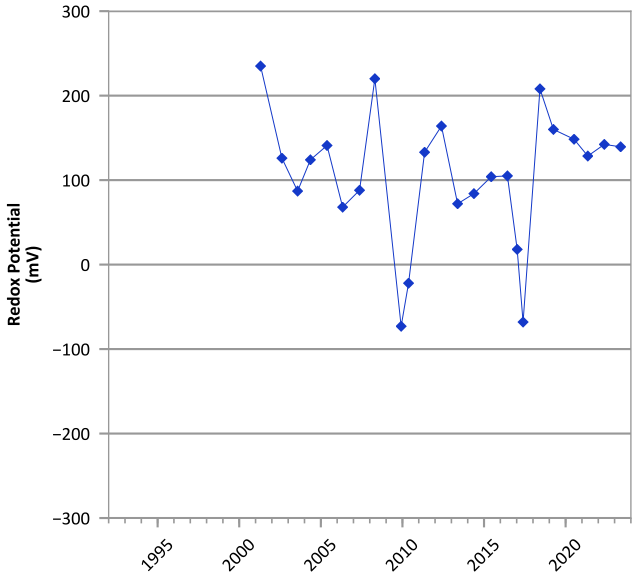
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

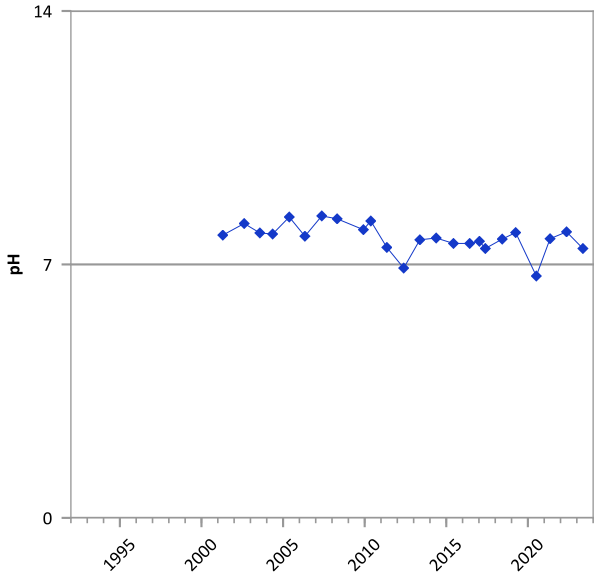
Well Location

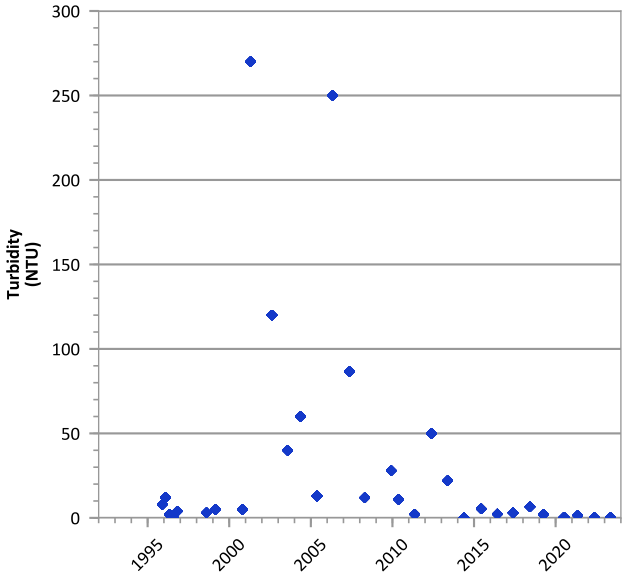


PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

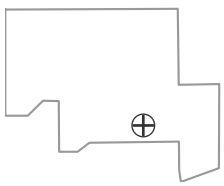






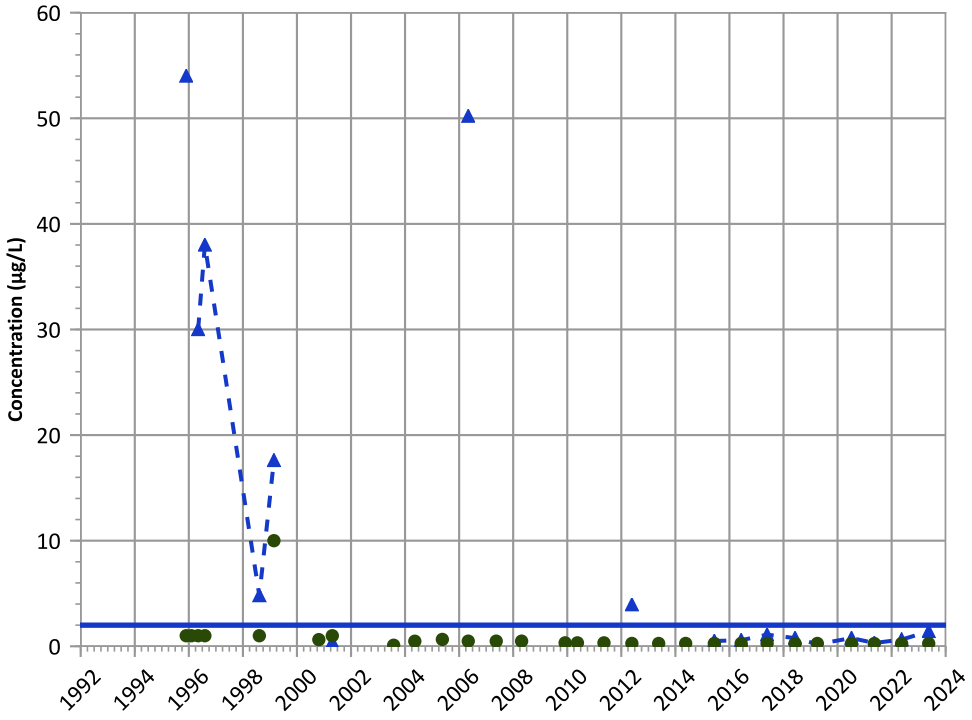


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

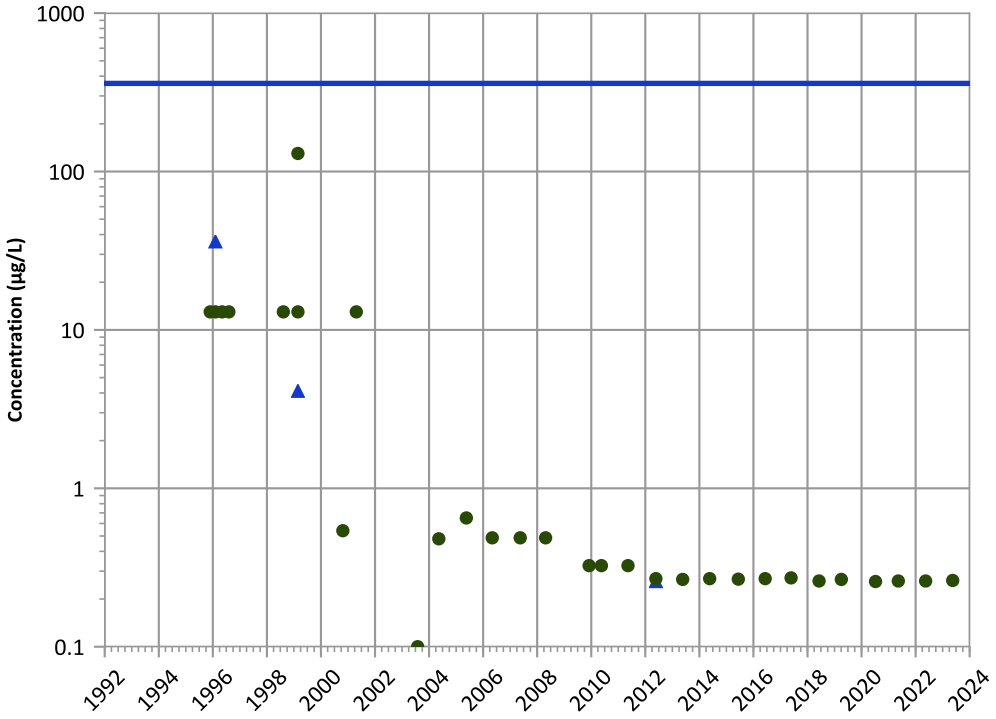


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

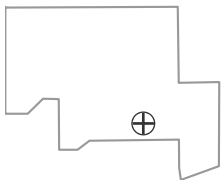
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

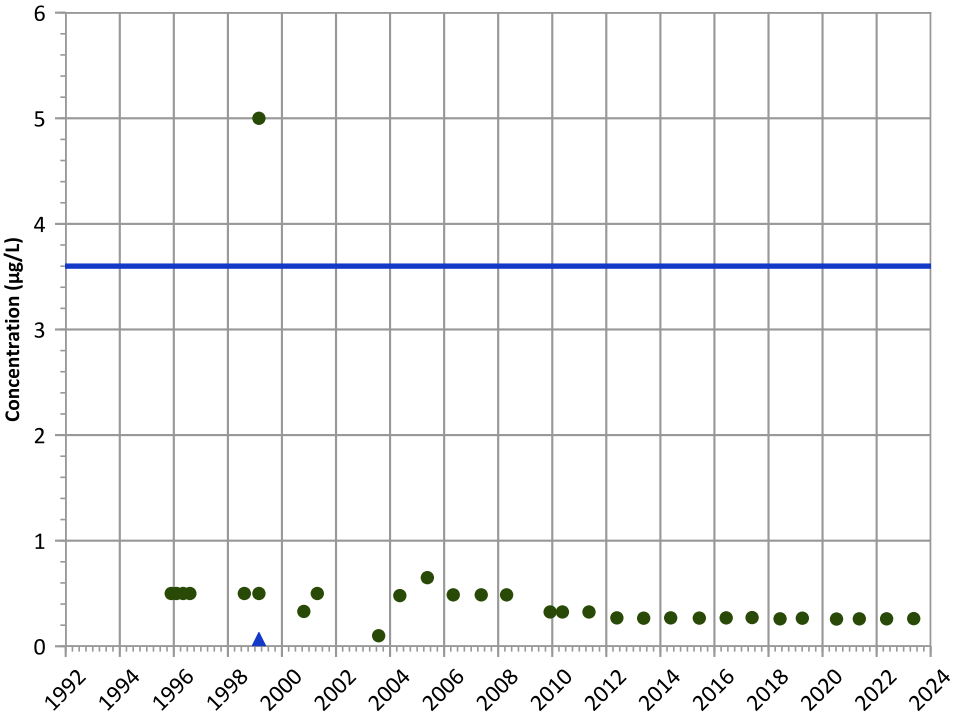
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

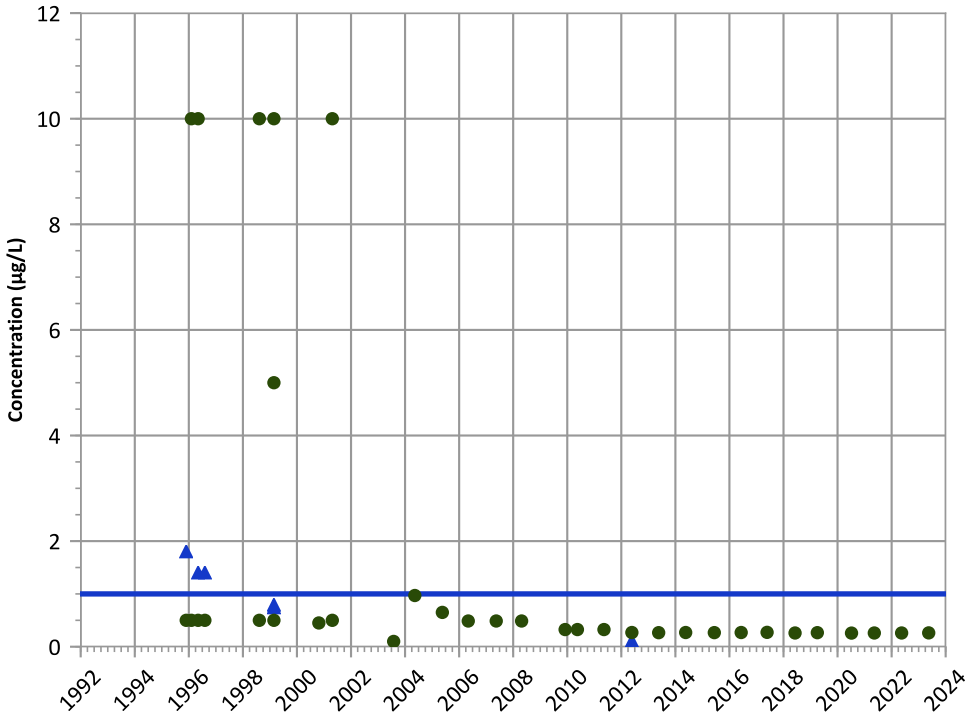


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

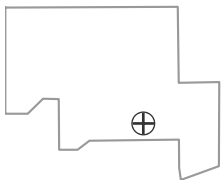
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

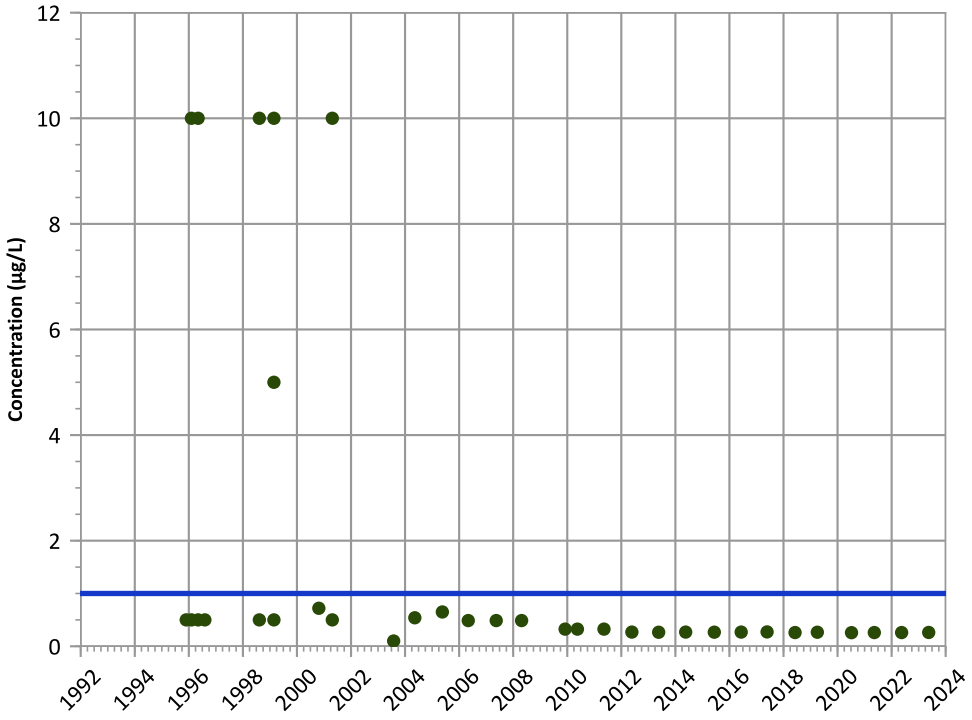
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

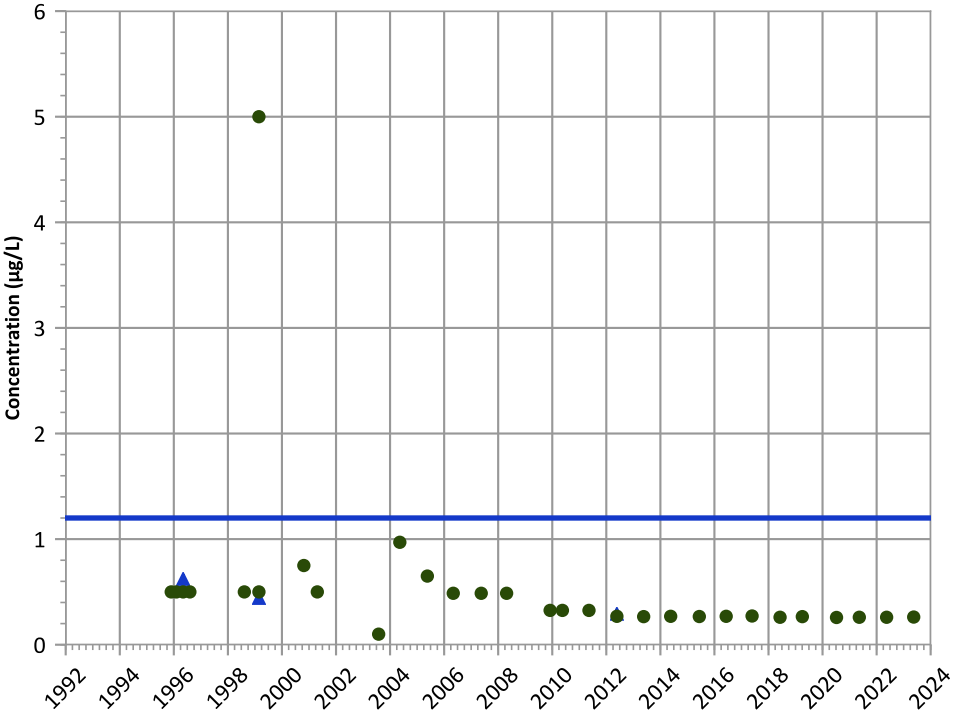


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

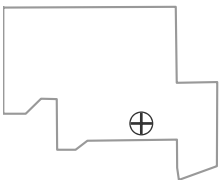
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

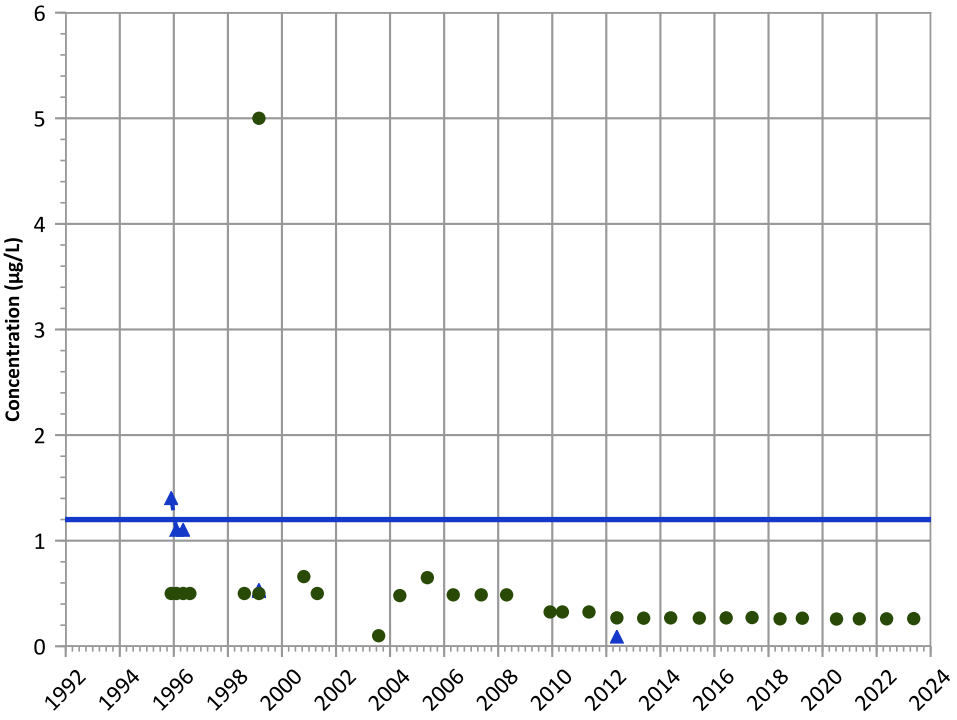
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

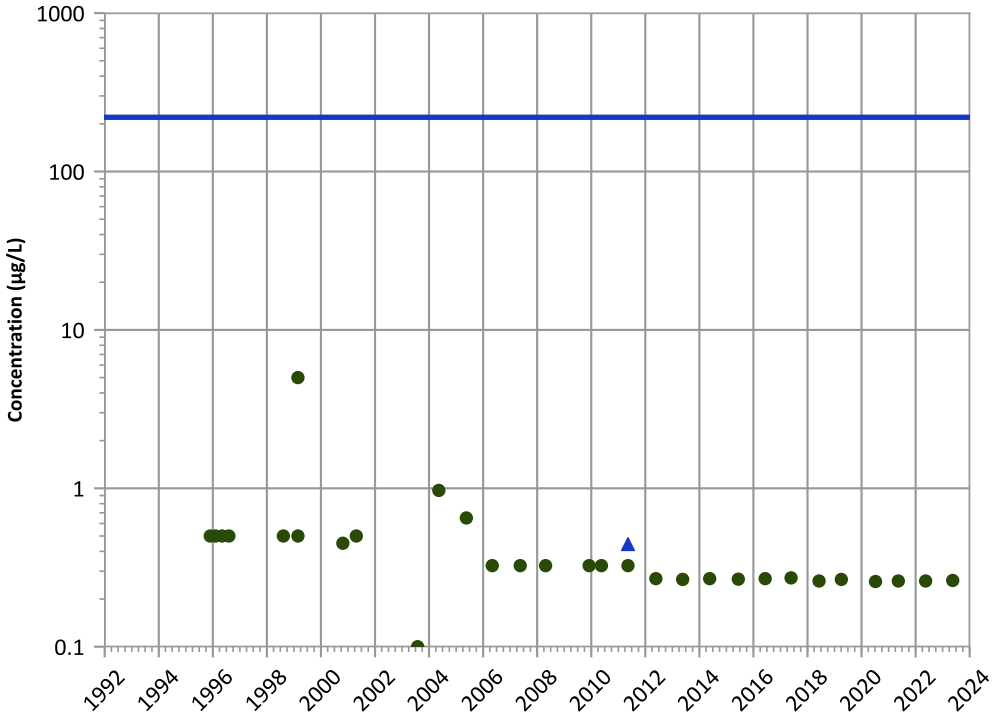


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

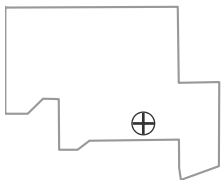
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

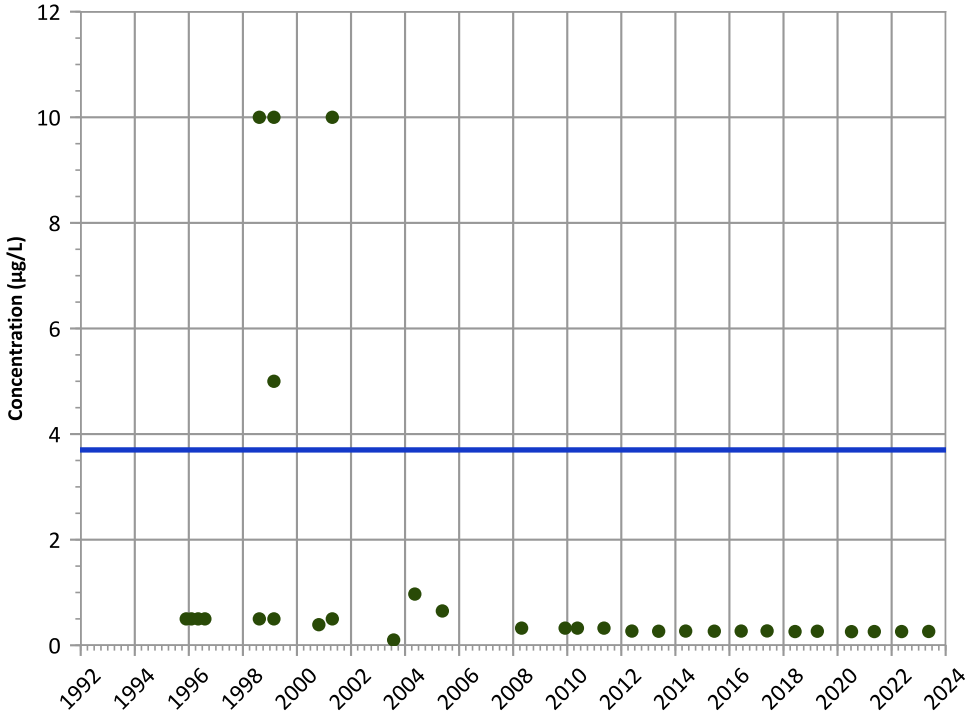
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

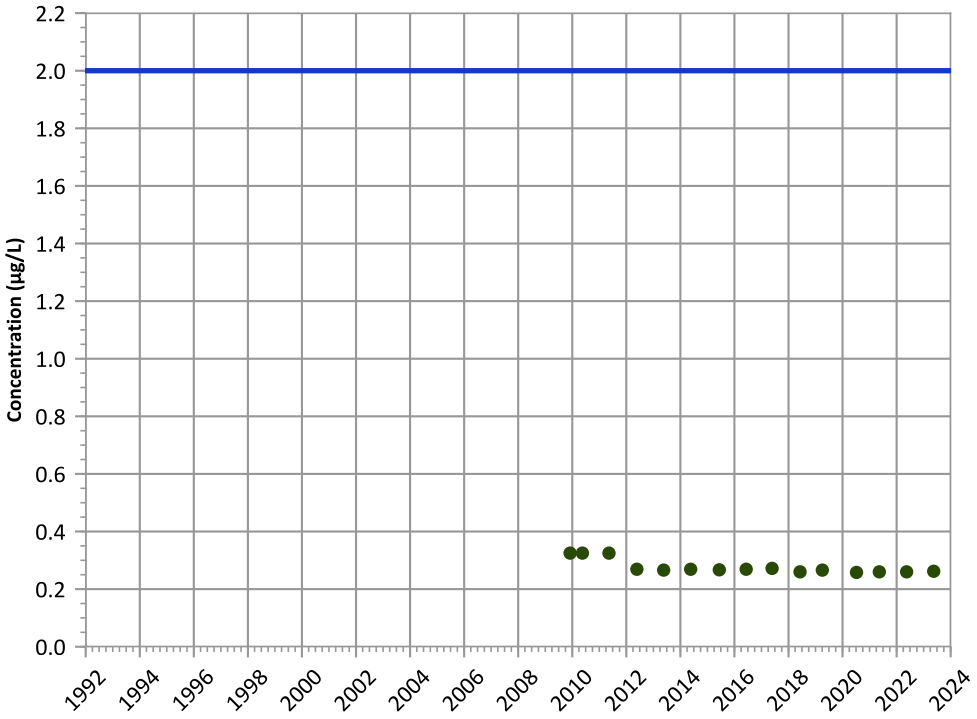


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

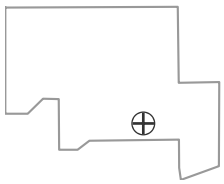
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

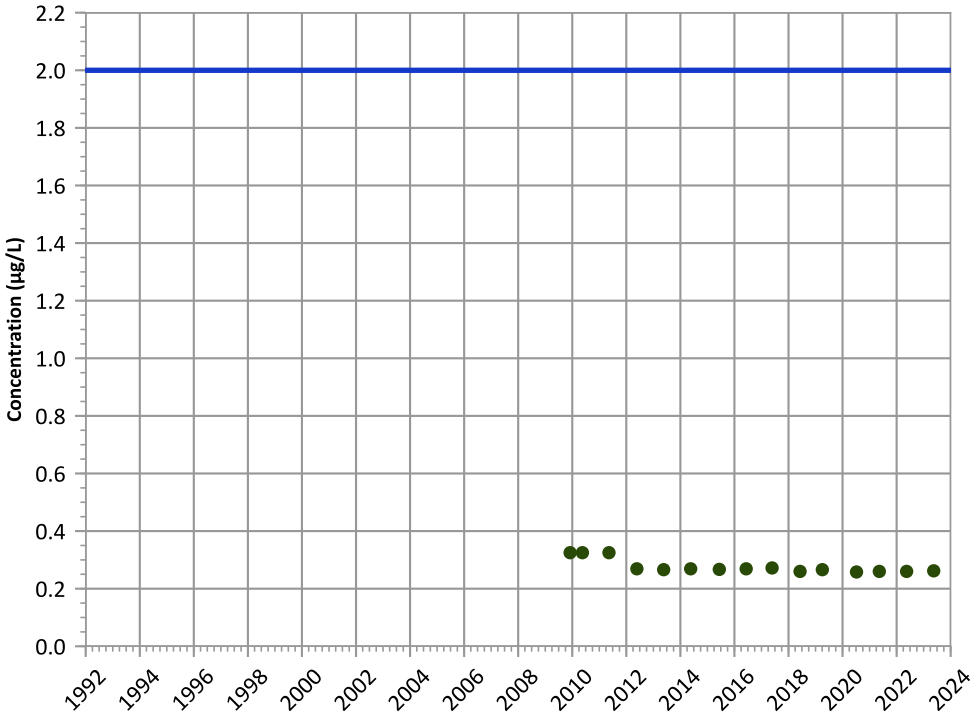
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

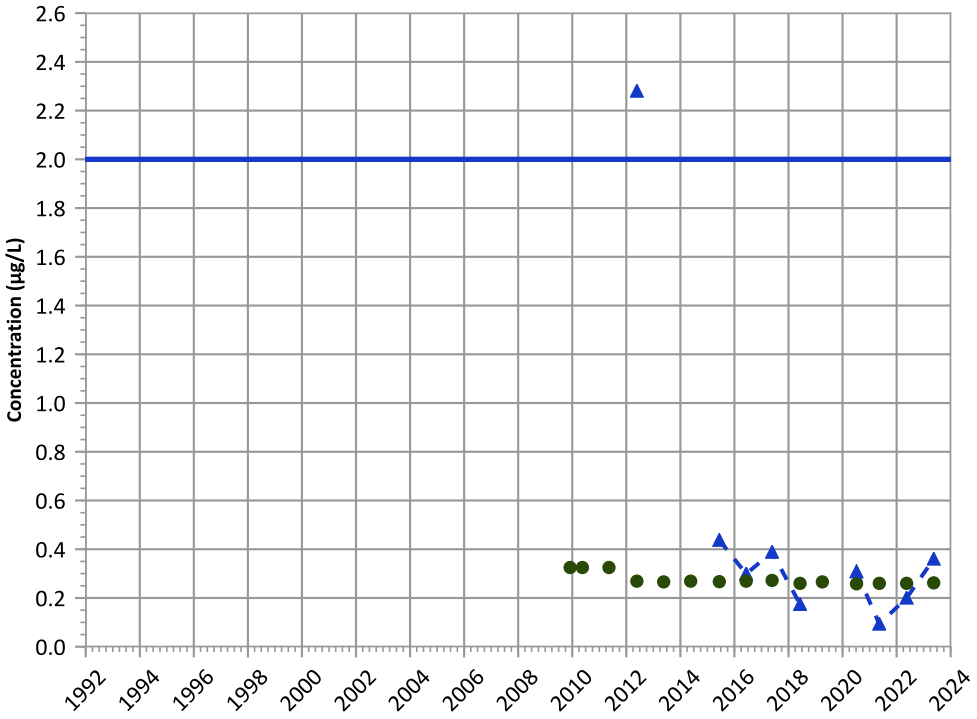


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

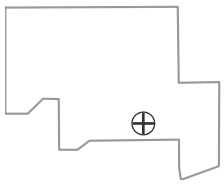
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

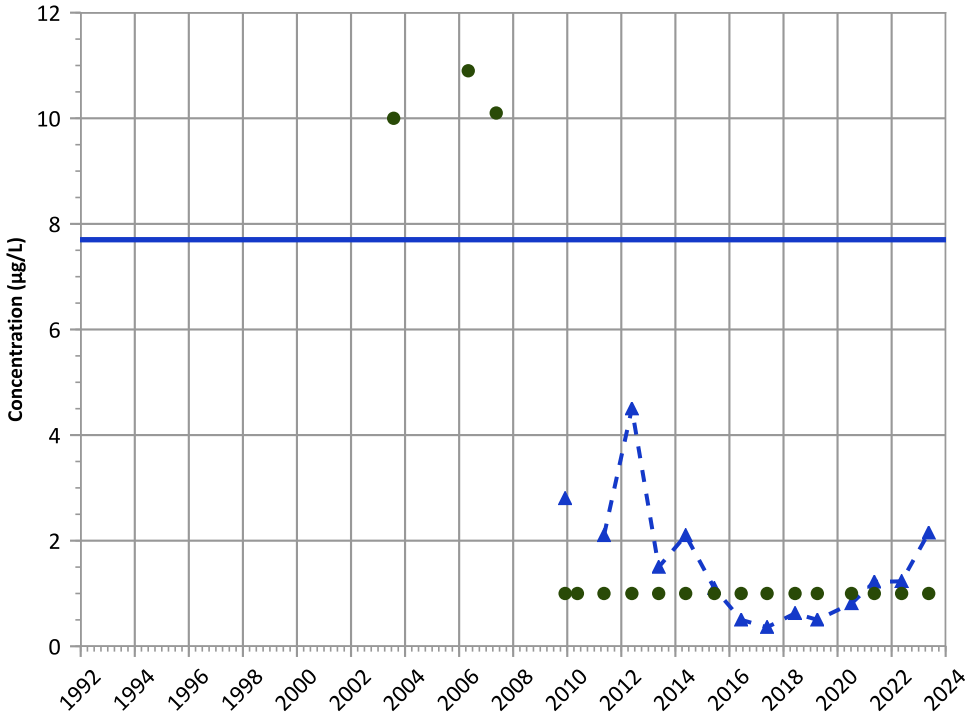
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

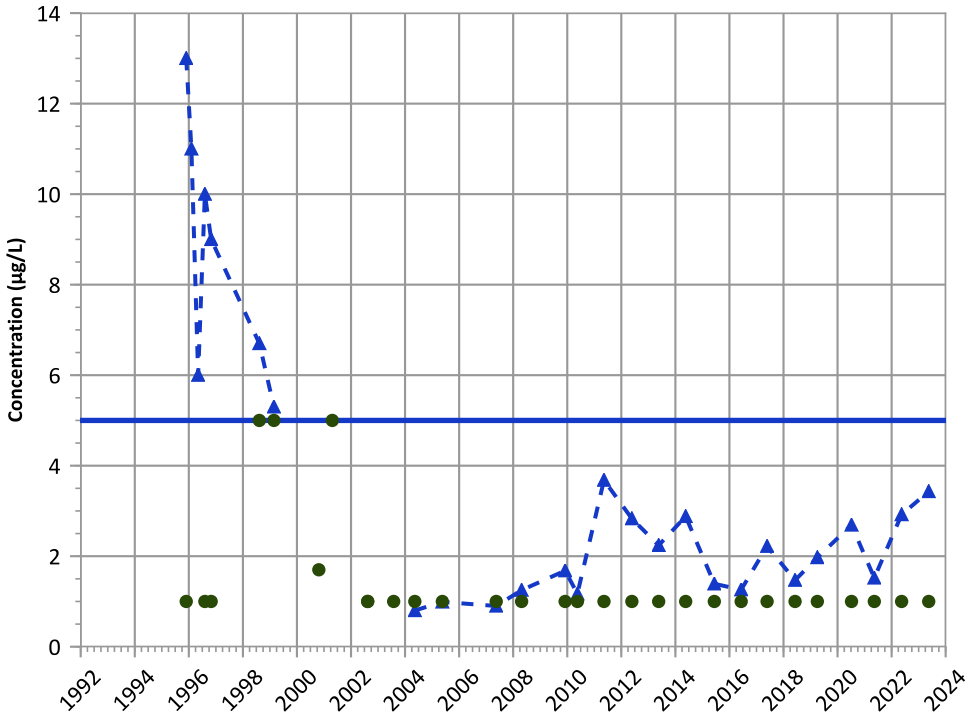


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

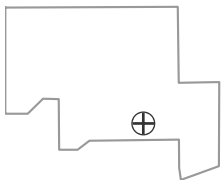
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

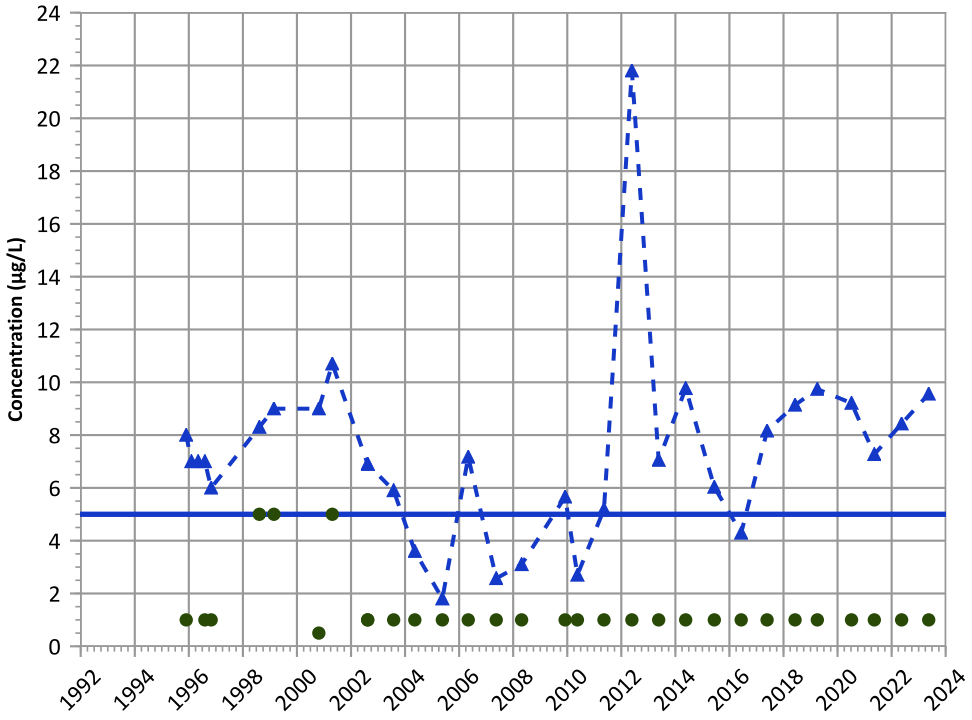
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

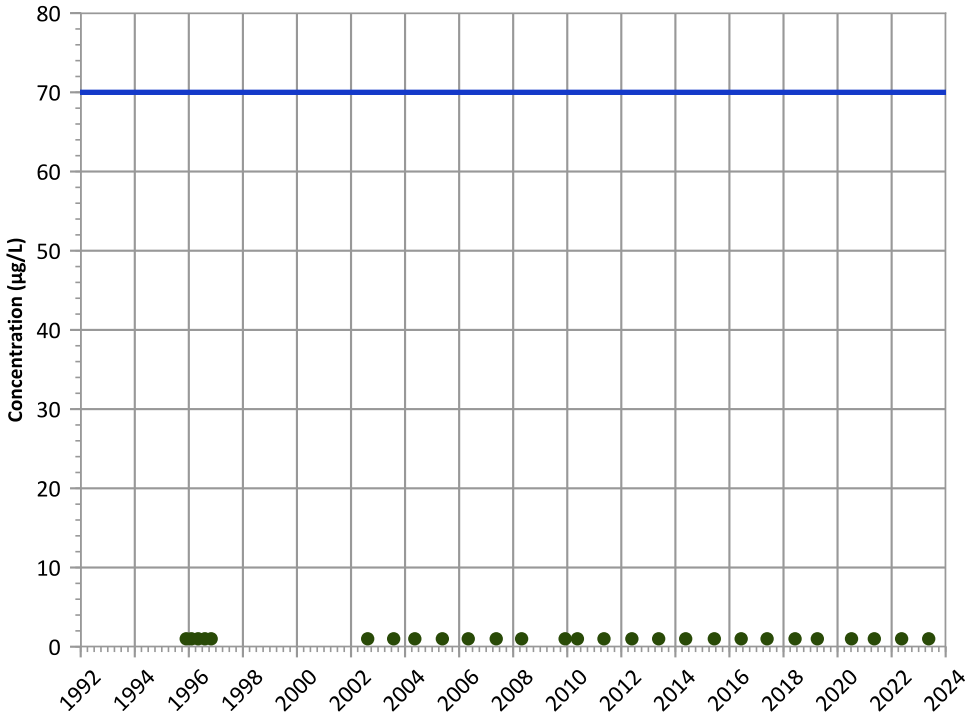


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

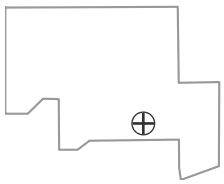
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

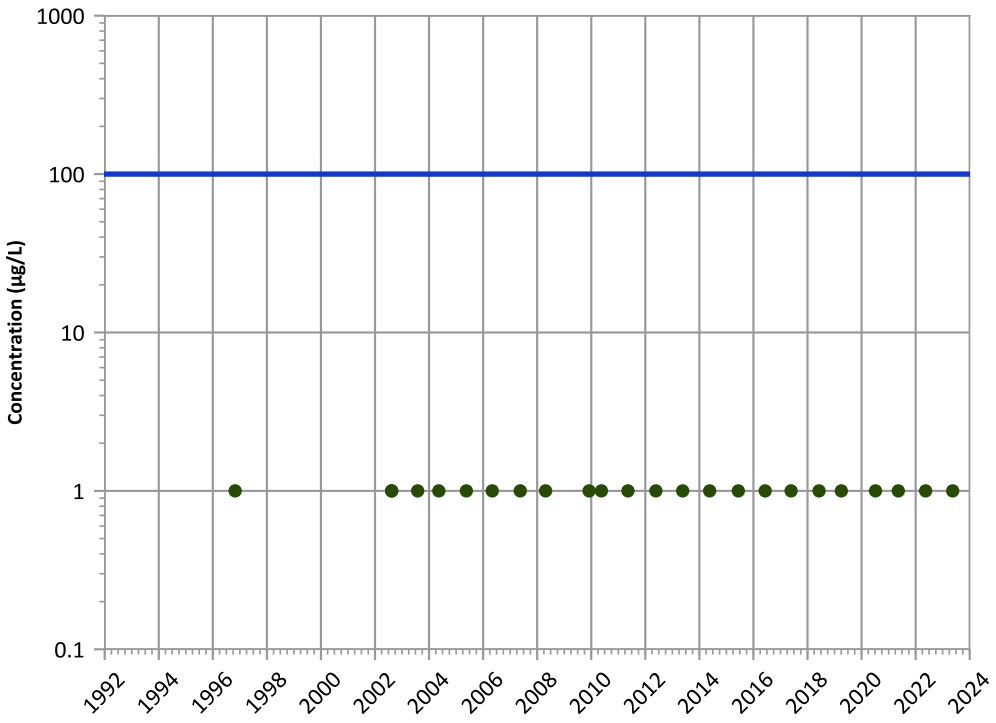
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

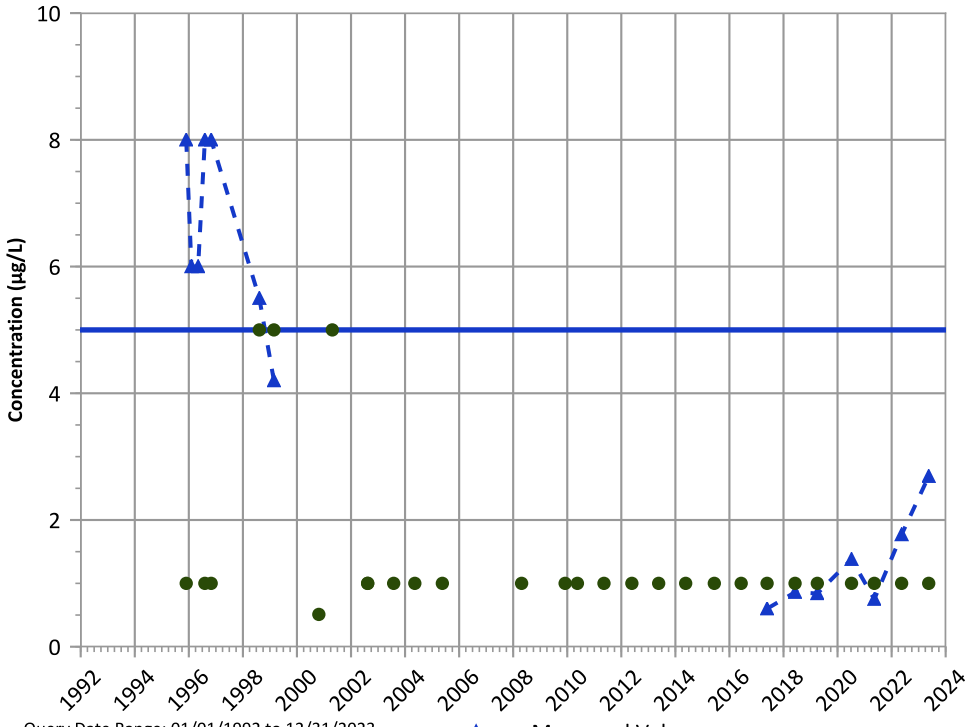


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

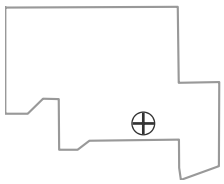
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

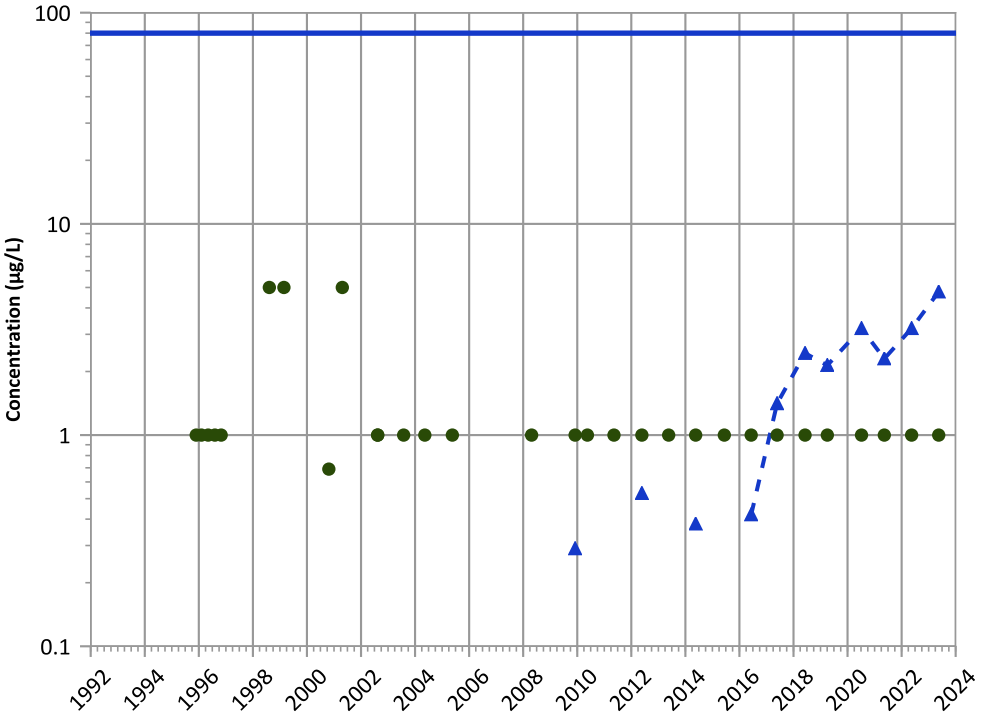
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

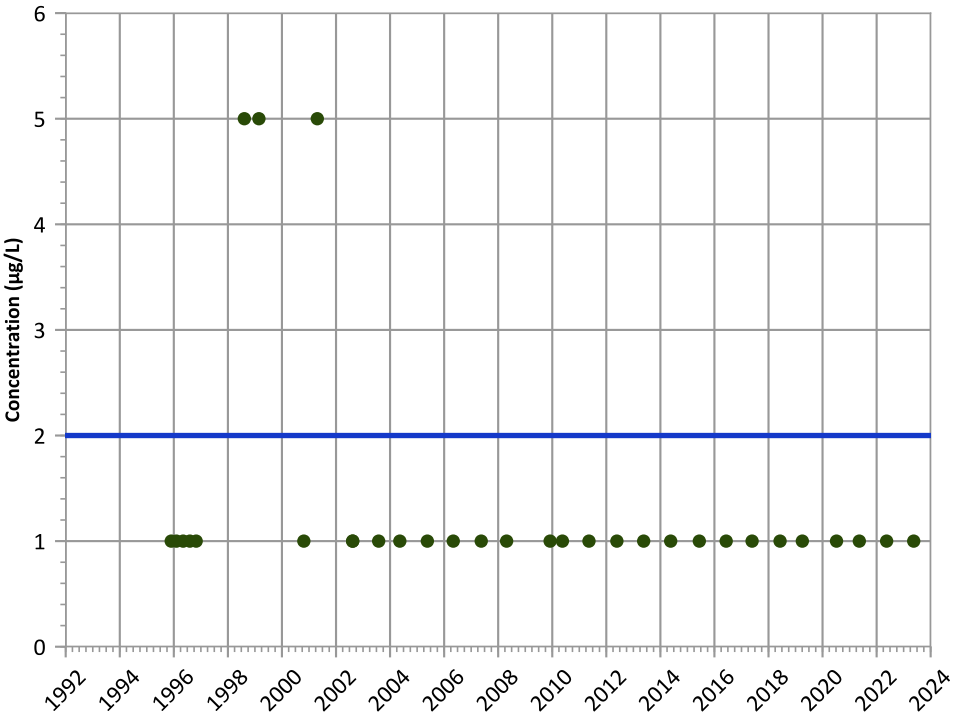


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

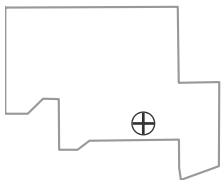
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

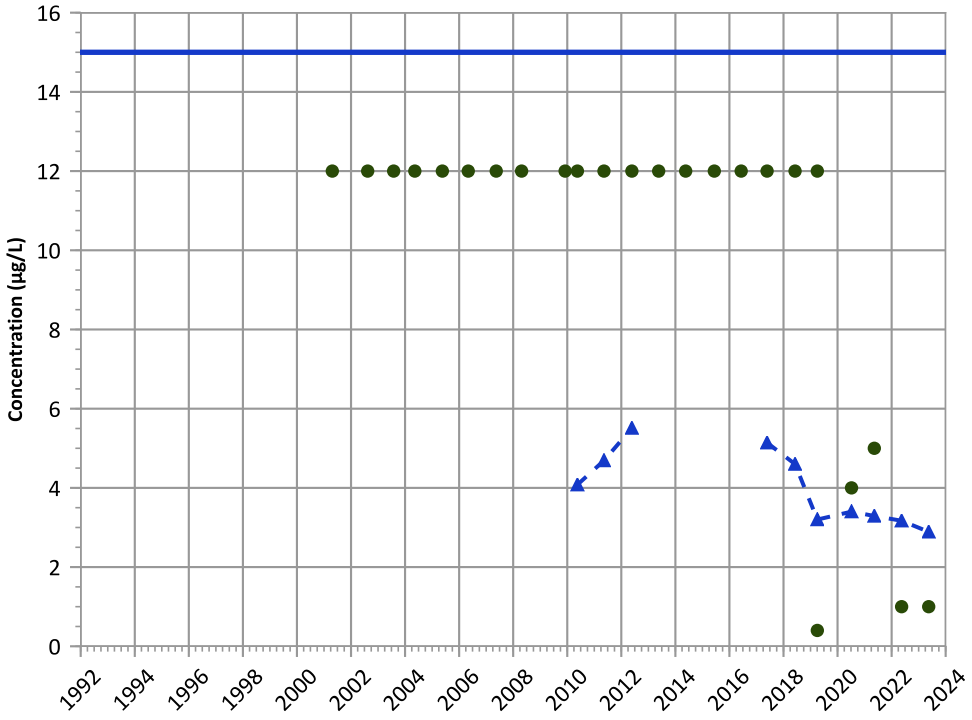
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

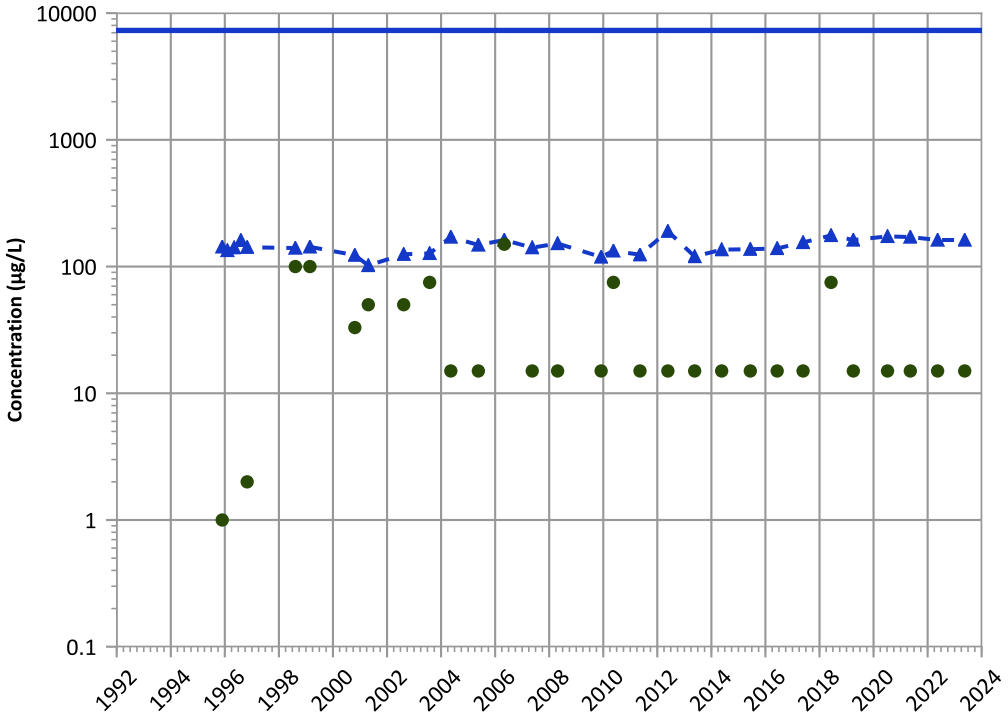


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Boron Trend



Concentration Trend

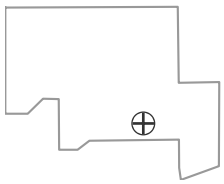
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

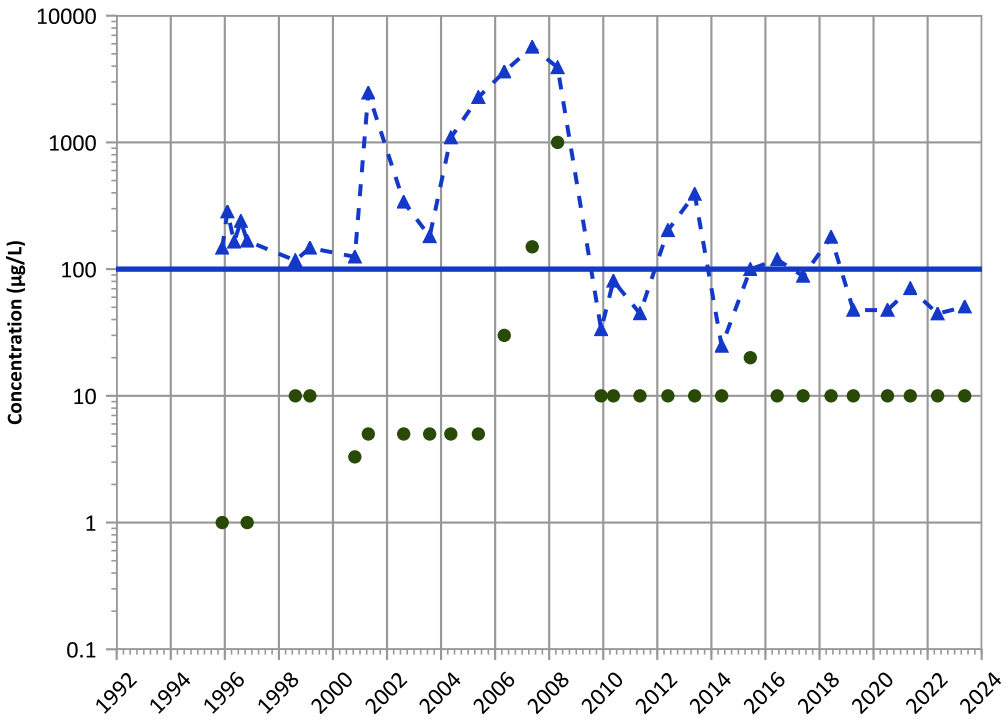
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

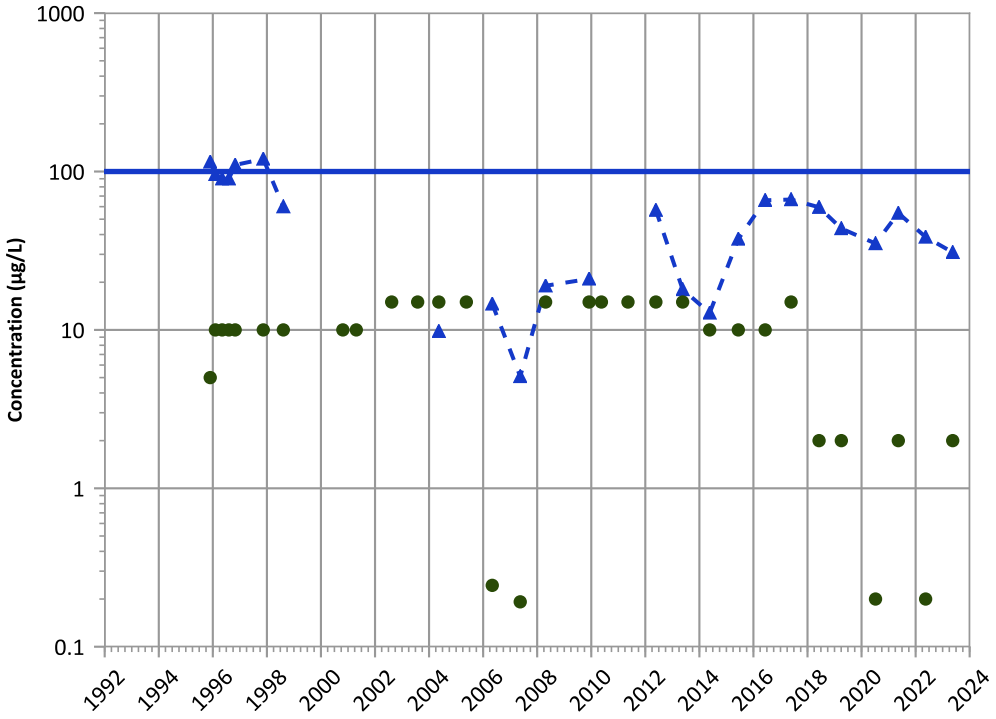


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

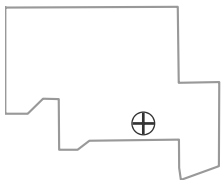
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

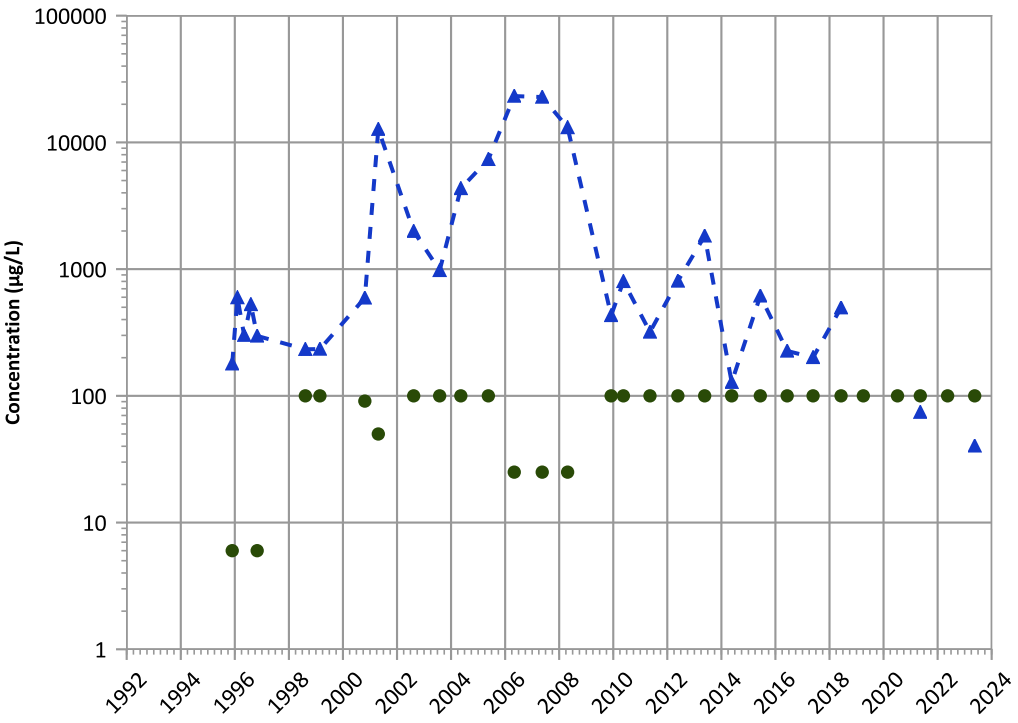
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

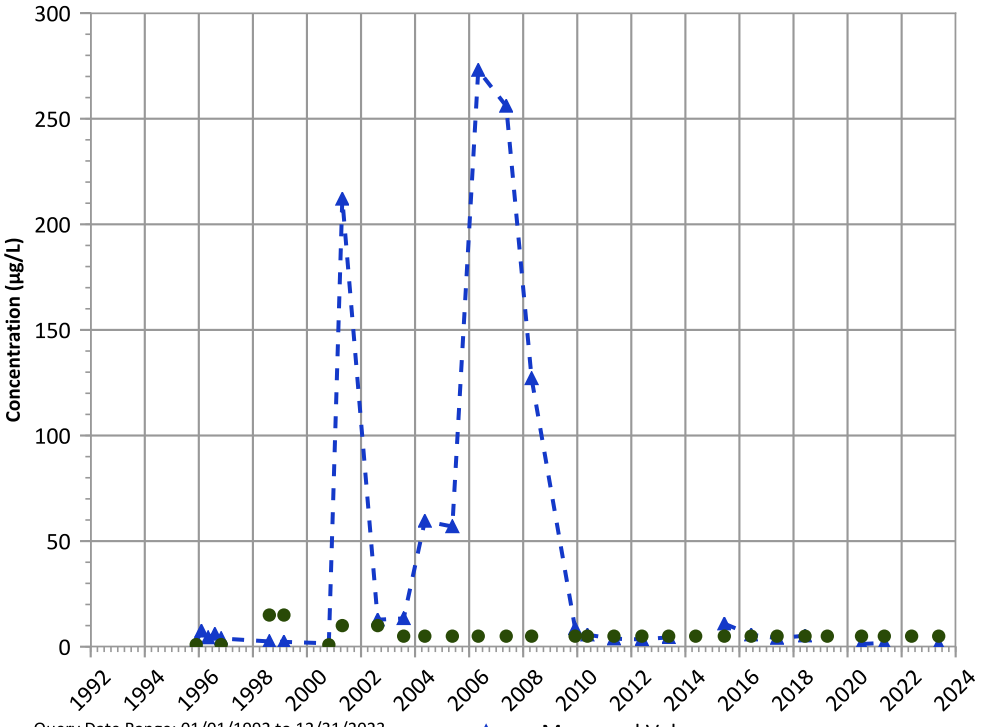


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Manganese Trend



Concentration Trend

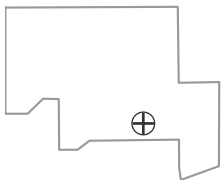
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

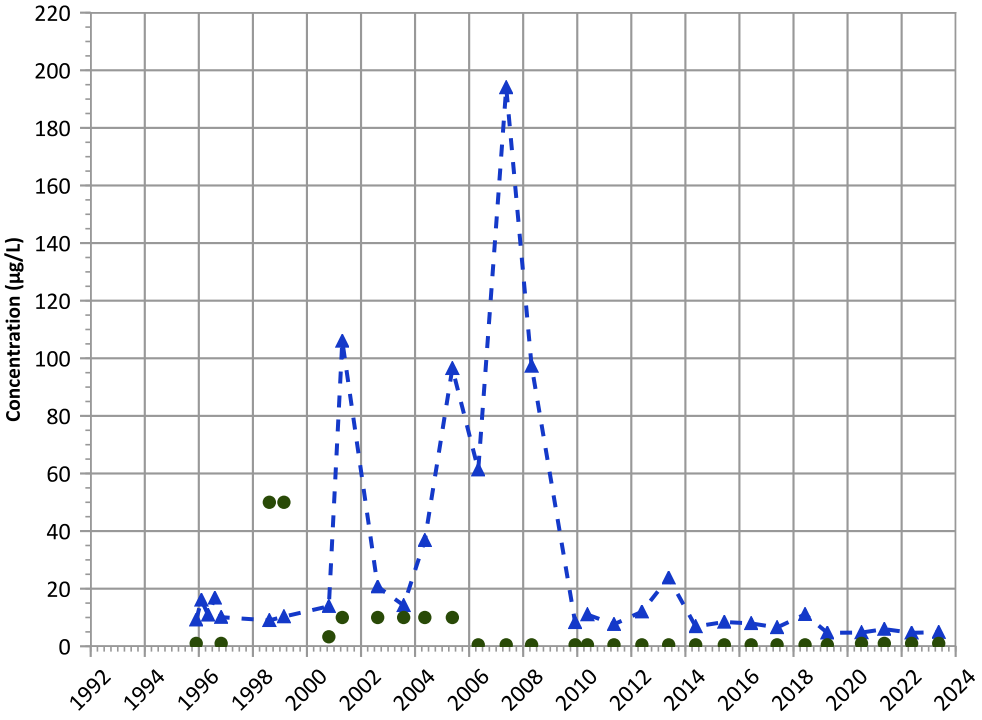
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

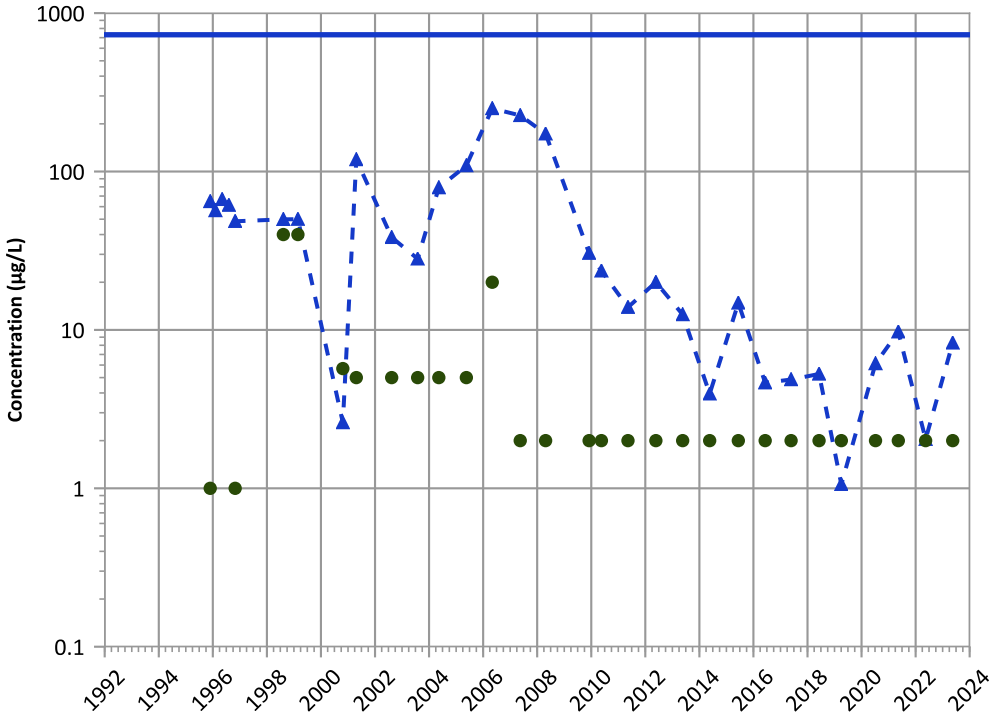


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

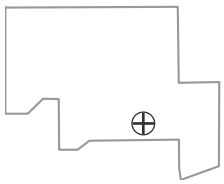
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

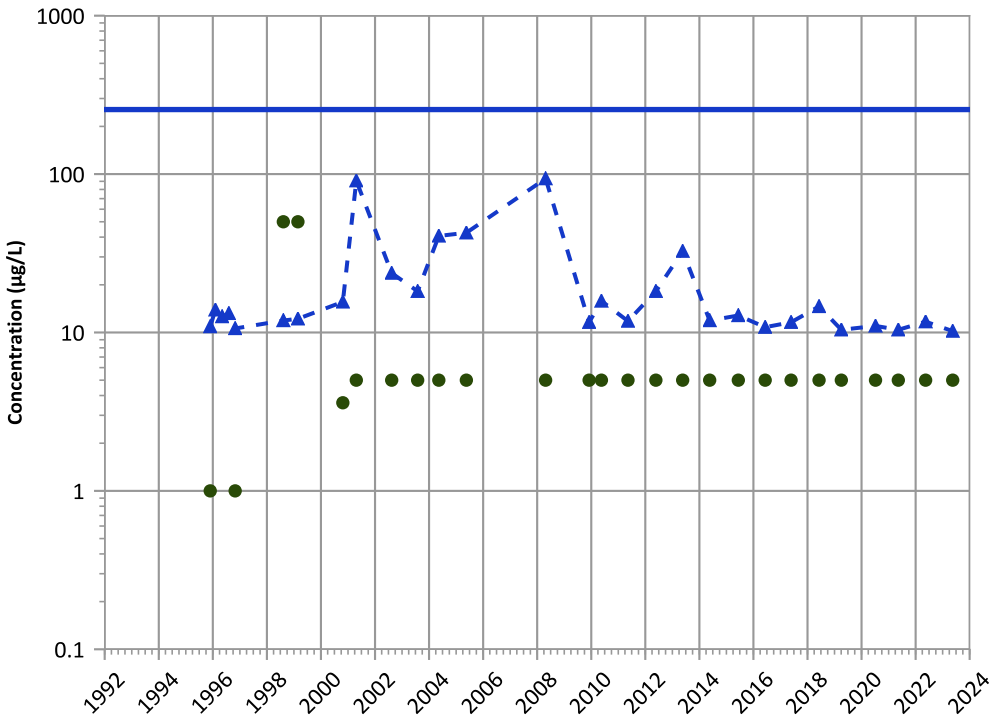
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

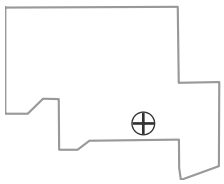
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

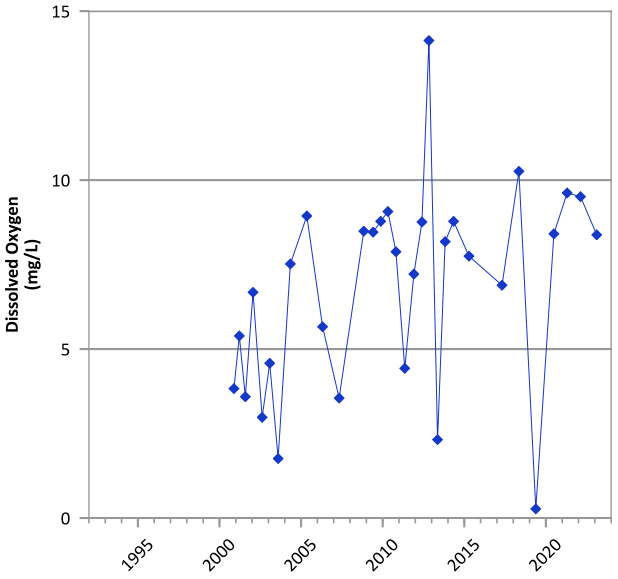
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/27/1995 to 05/17/2023
Analysis Date: 04/01/2024

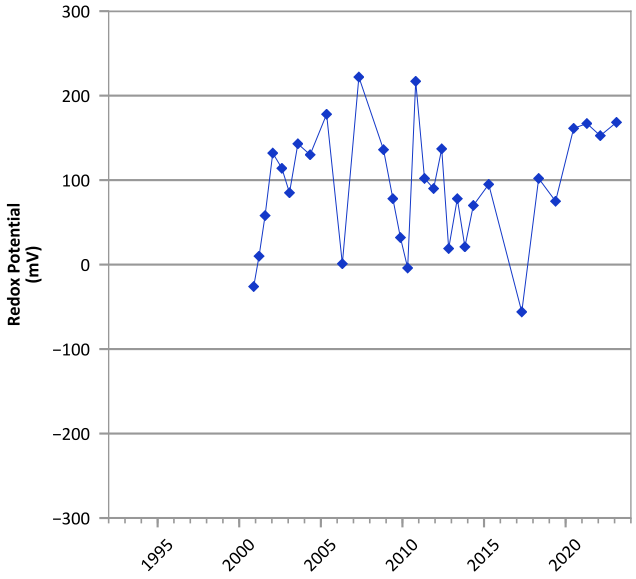
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

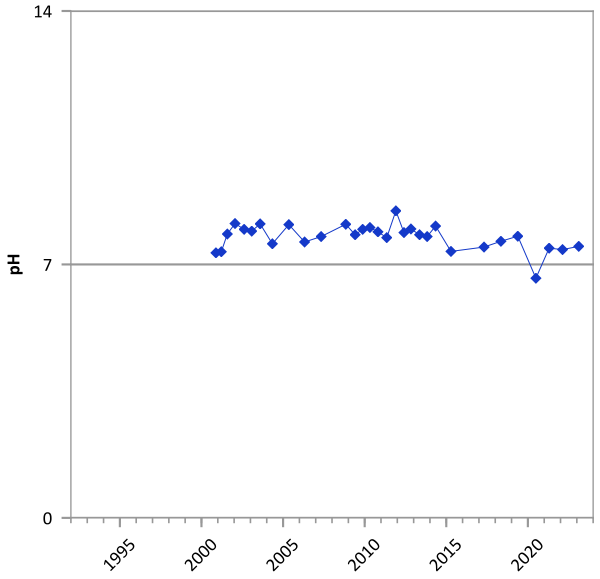
Well Location

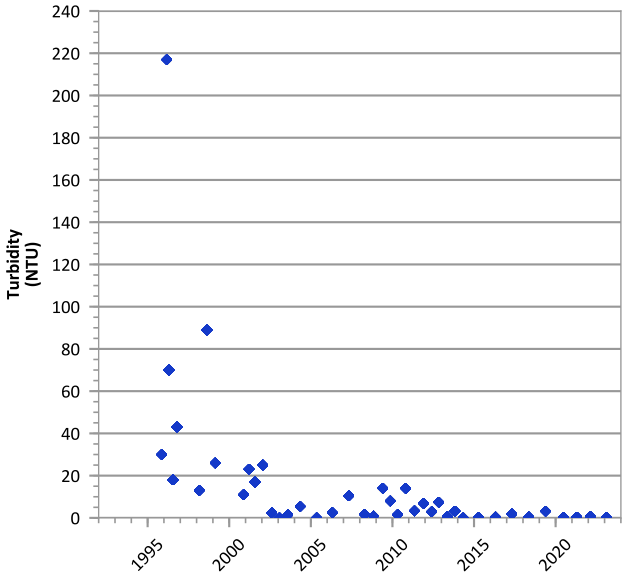


PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

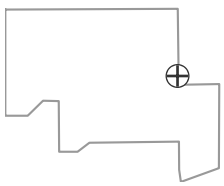






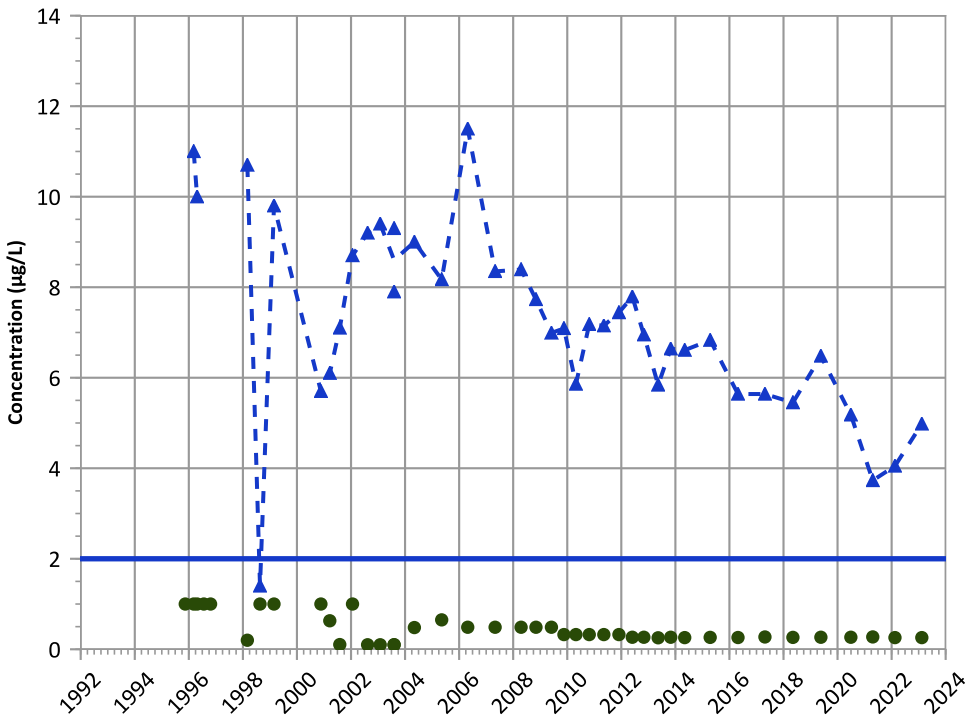


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

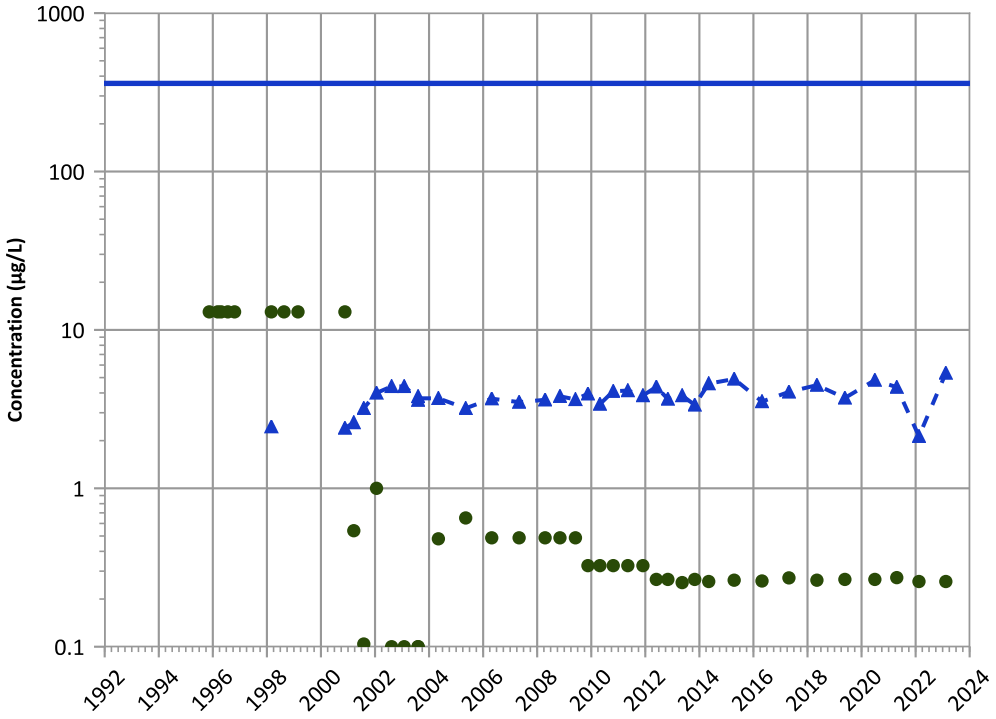


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

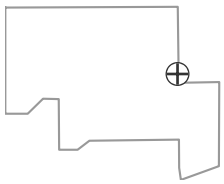
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

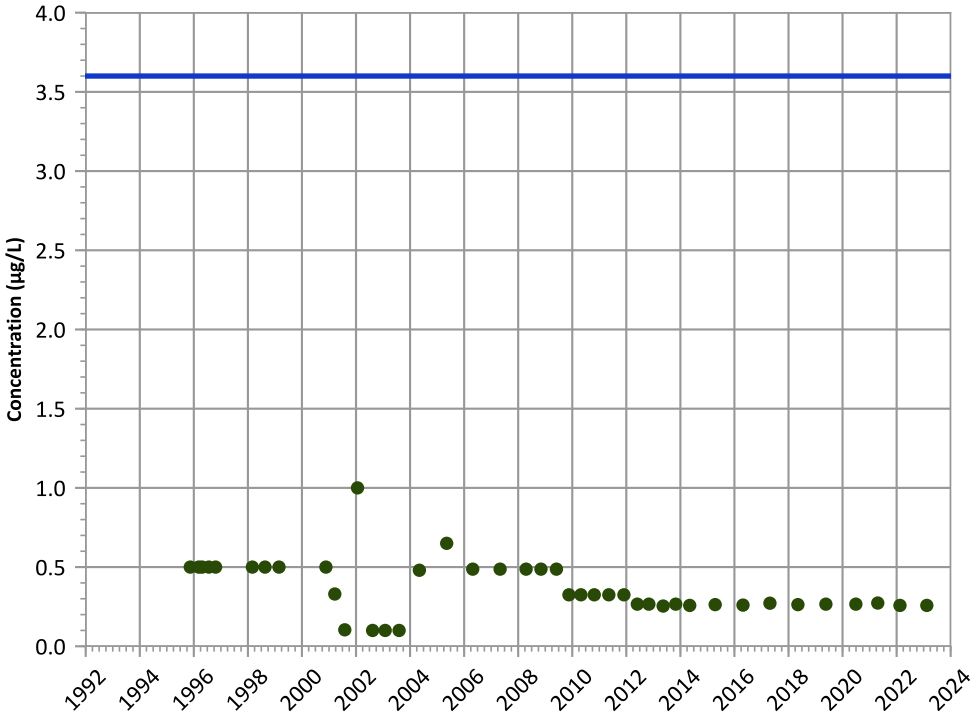
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

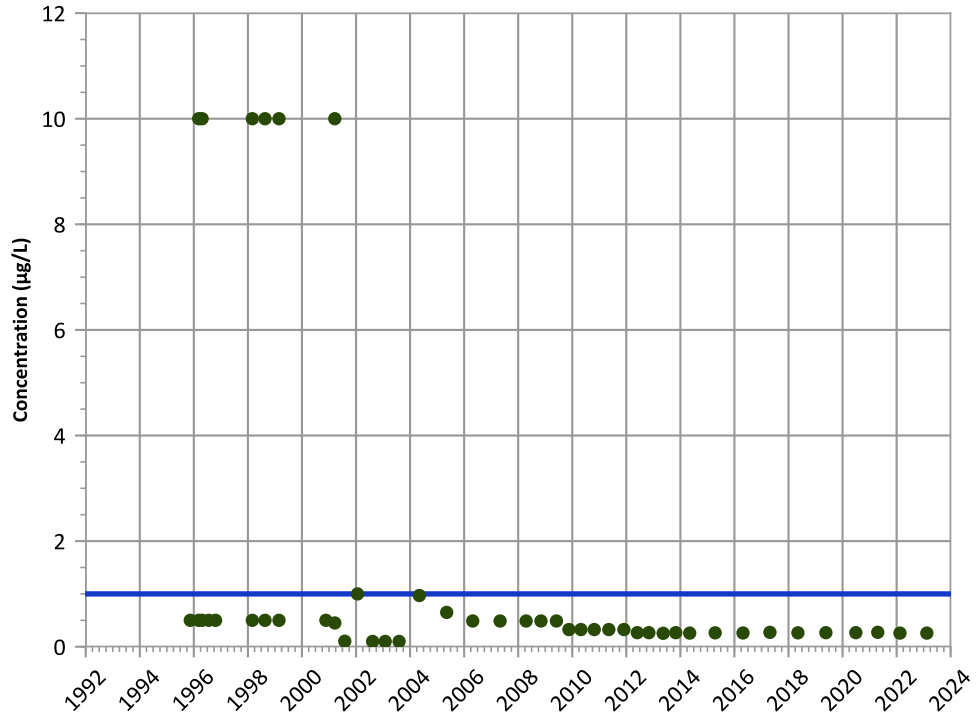


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

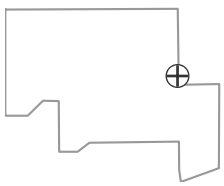
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

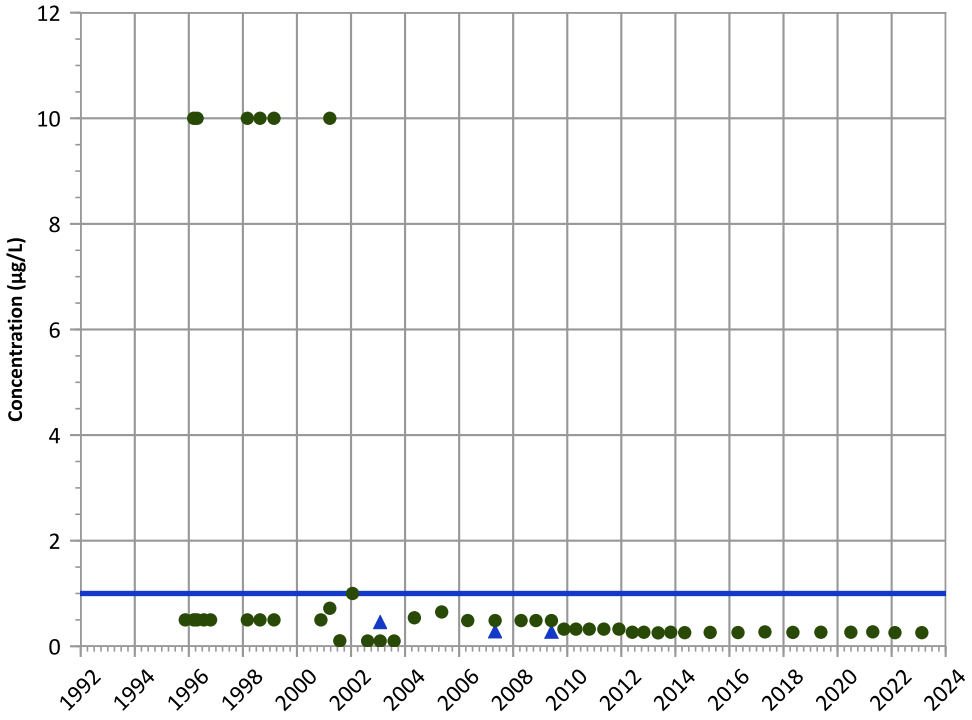
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

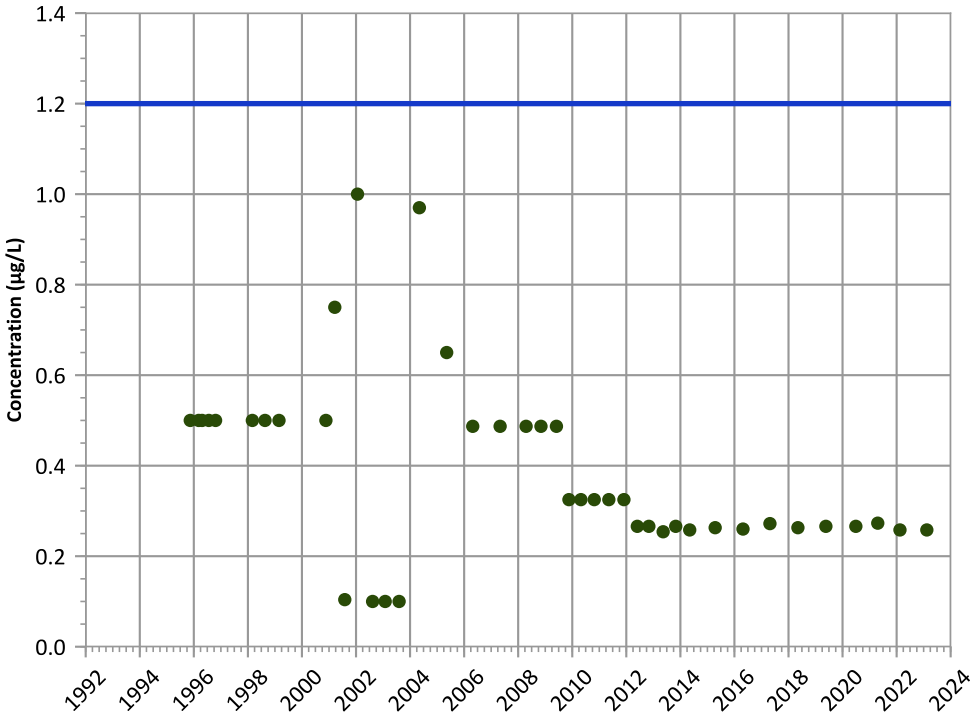


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

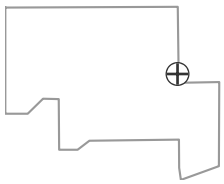
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

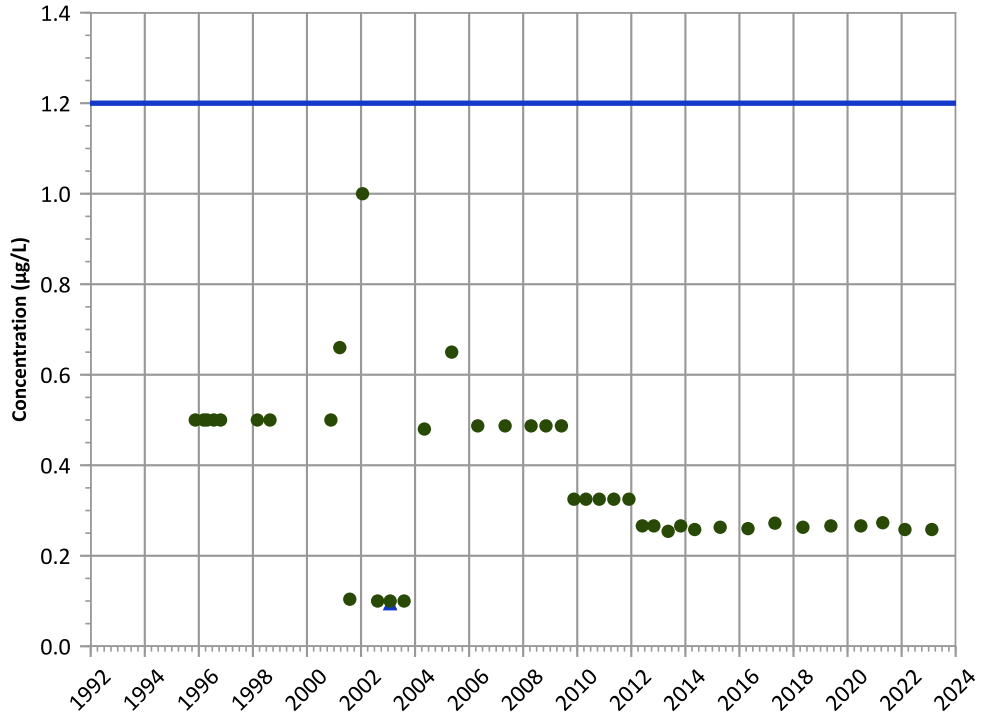
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

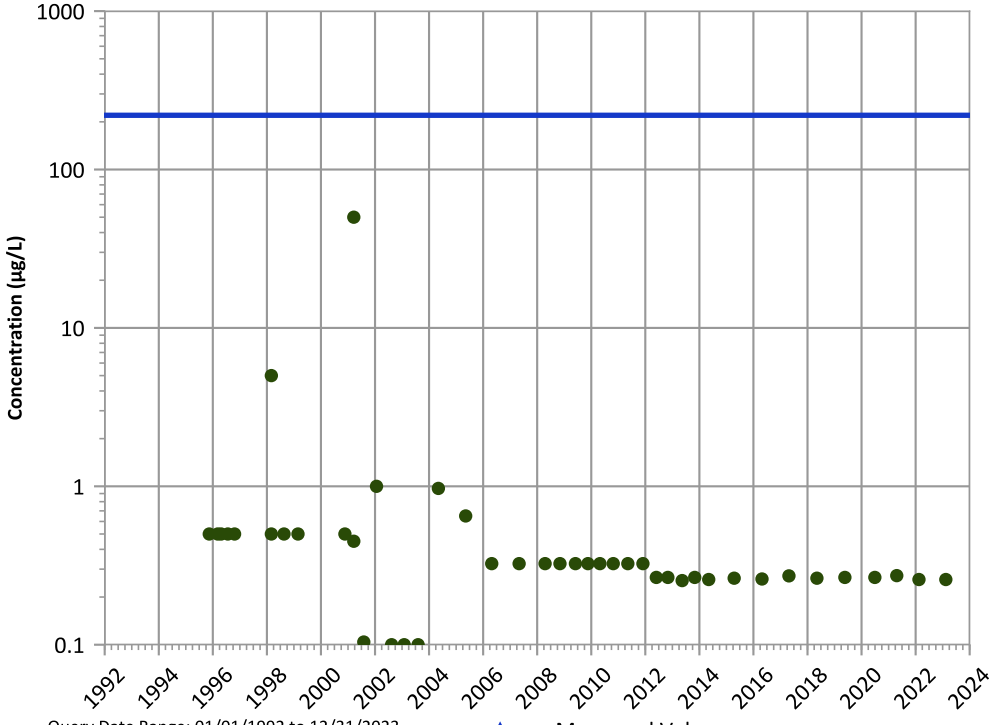


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

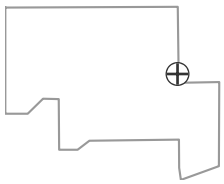
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

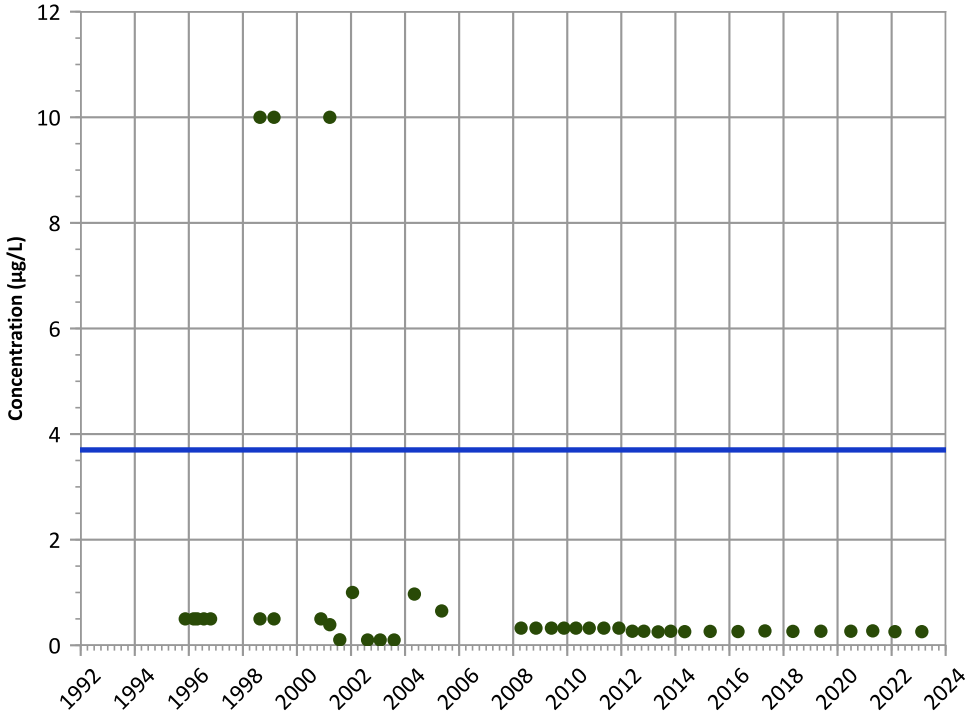
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

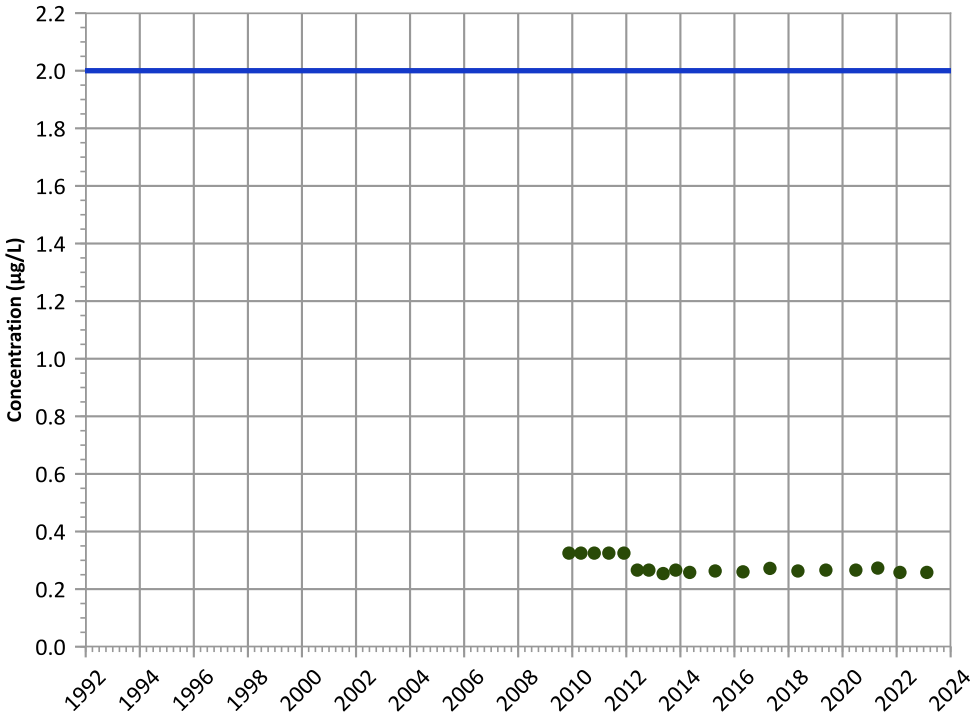


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

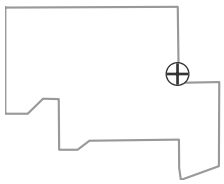
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

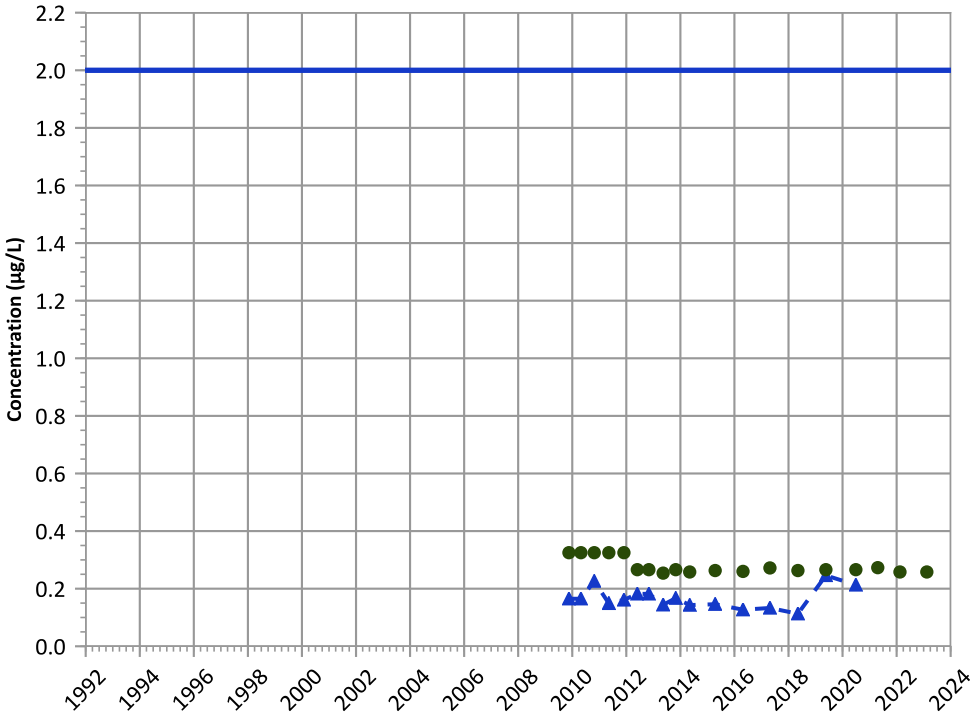
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

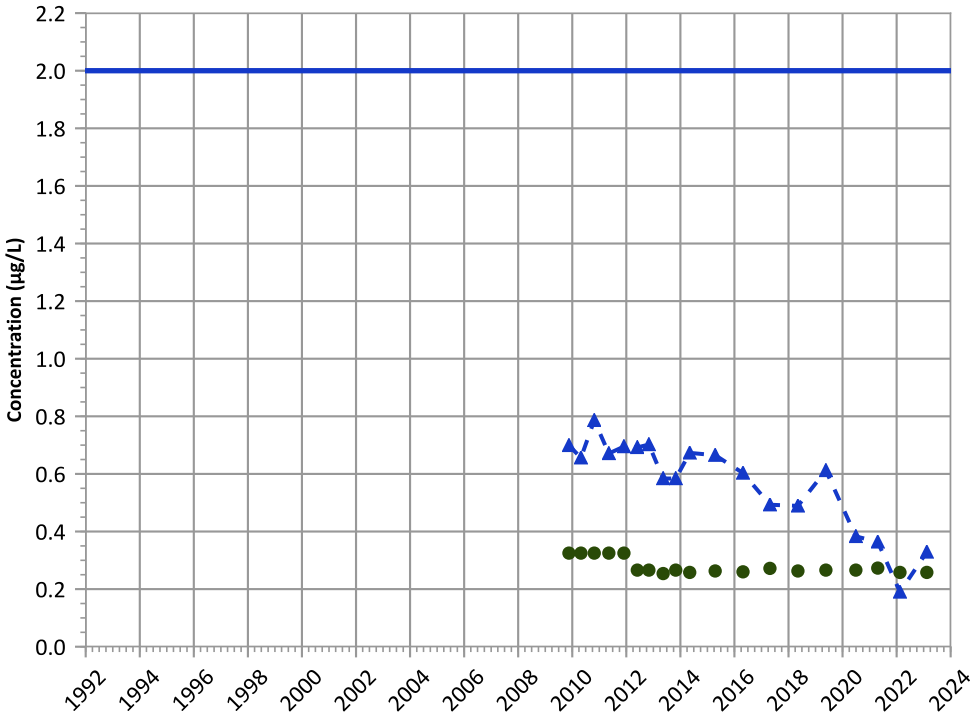


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

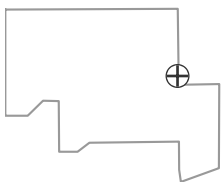
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

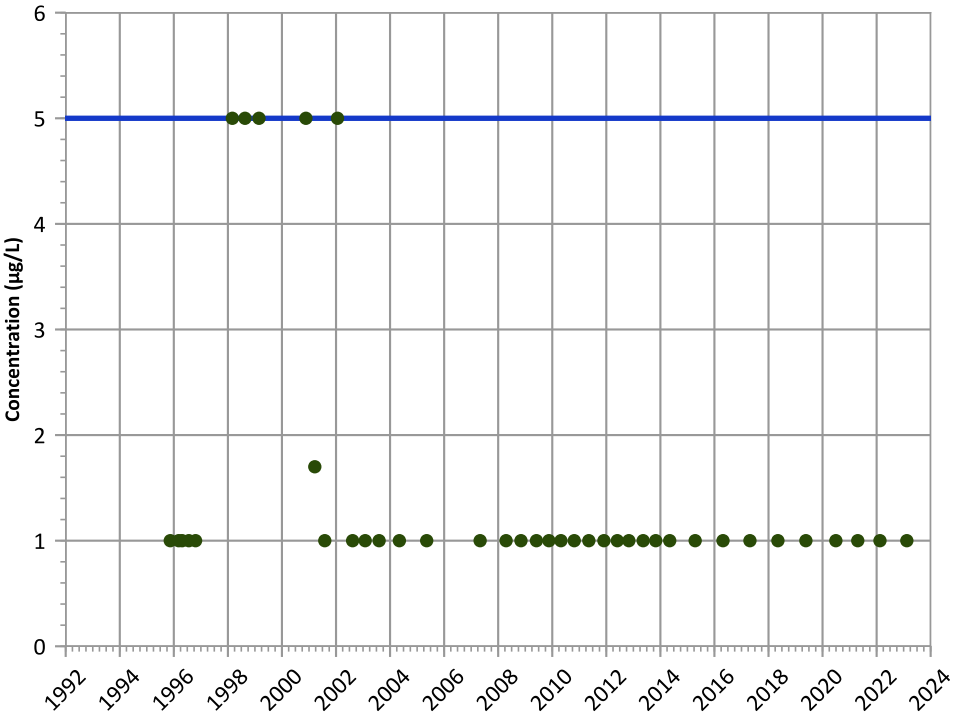
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

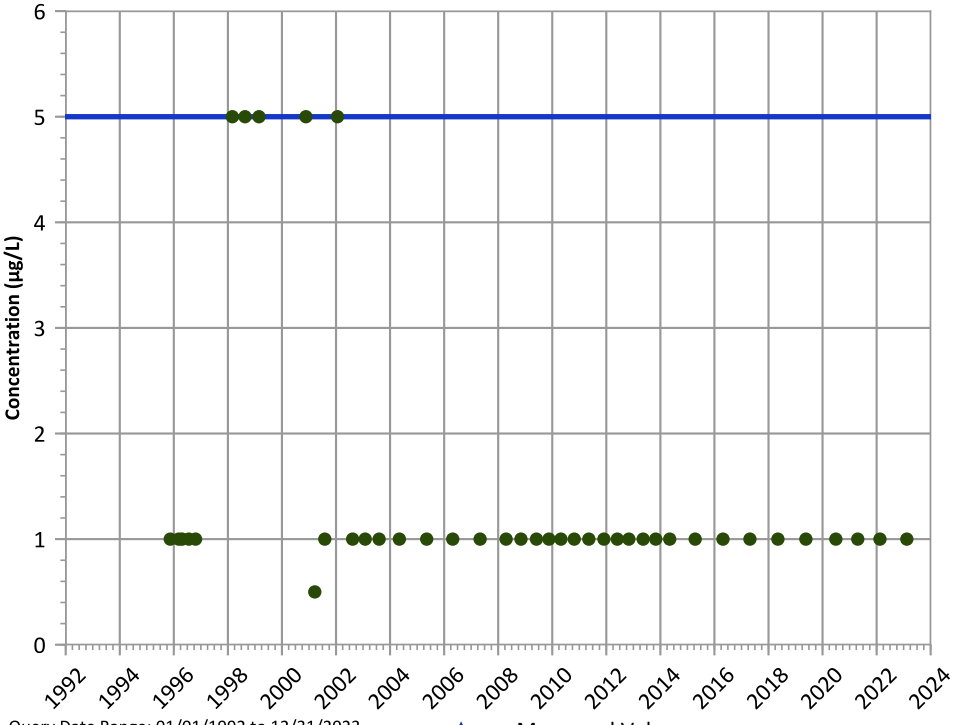


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

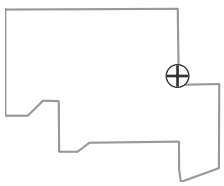
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

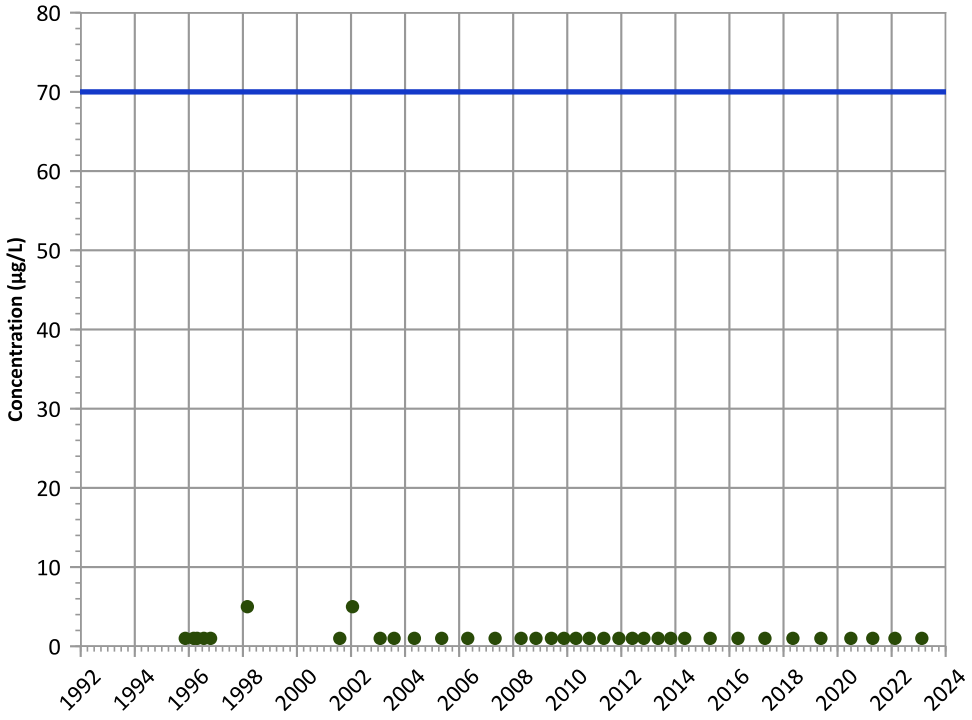
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

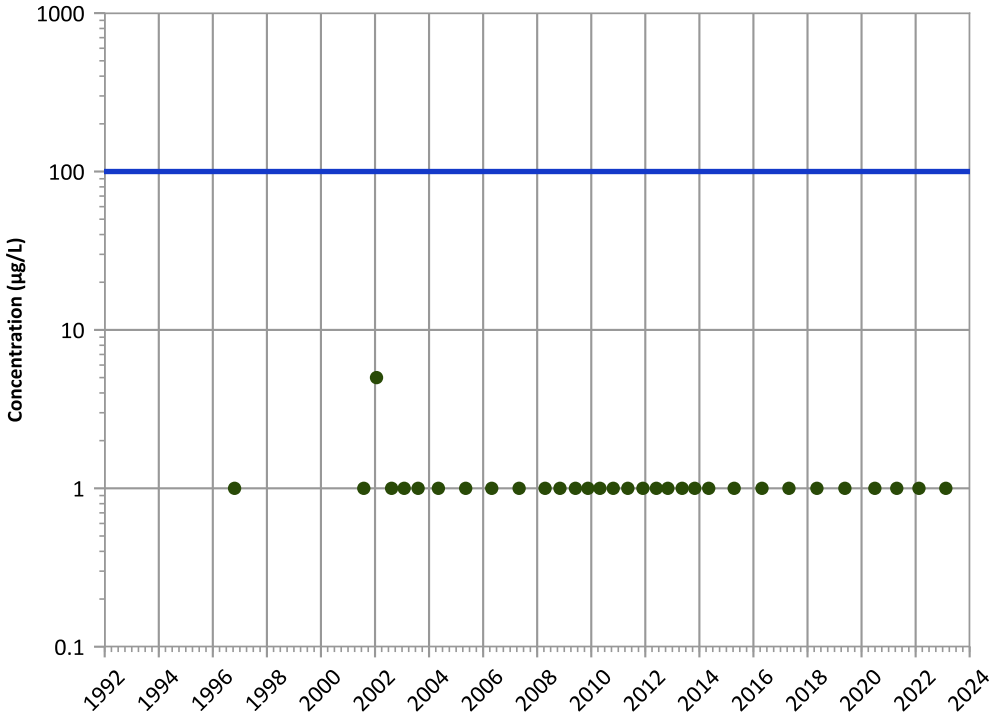
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



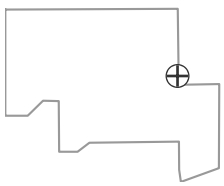
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

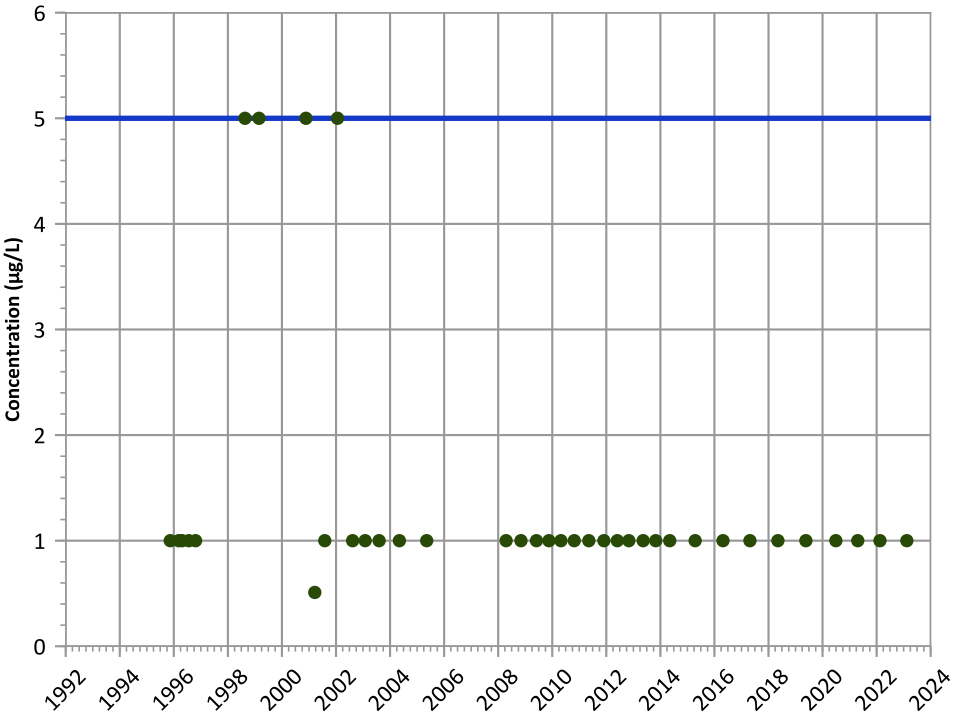
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

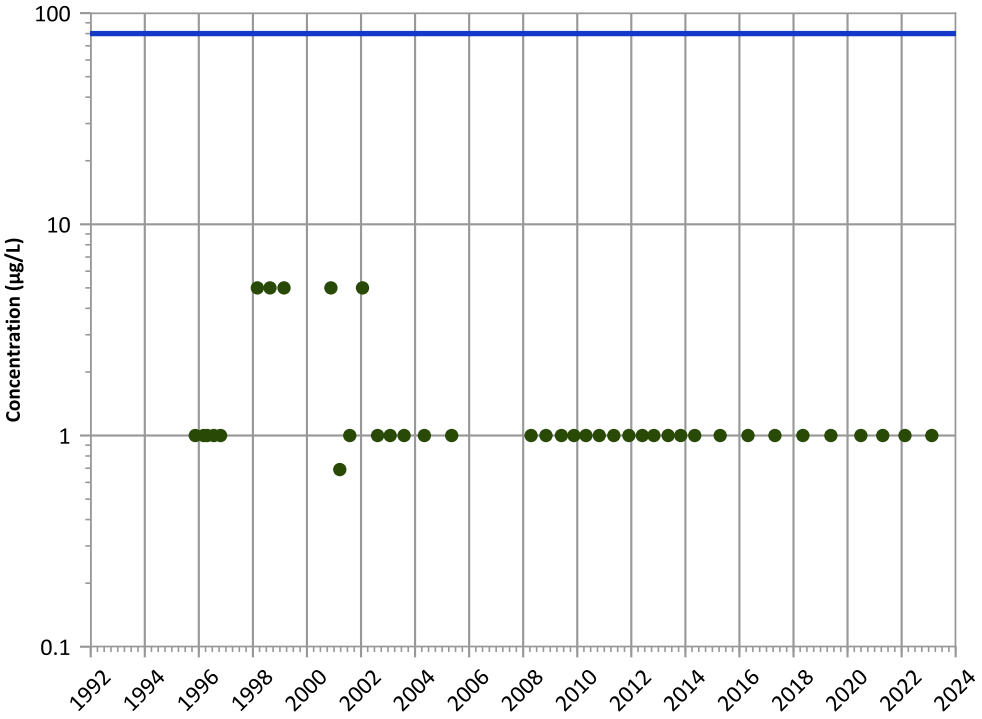


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

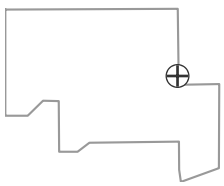
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

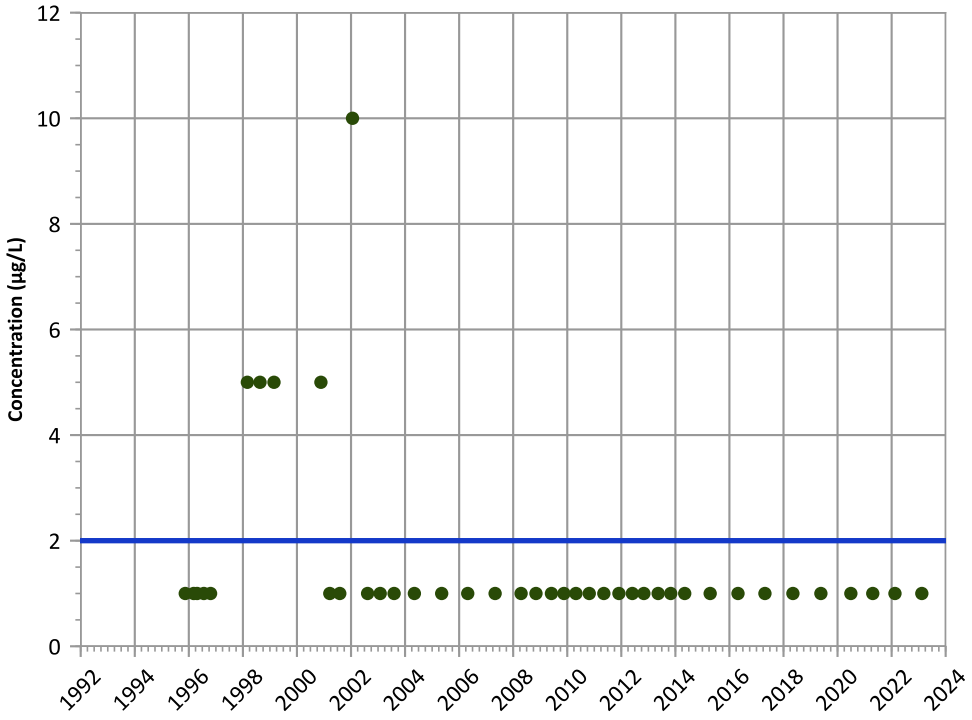
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

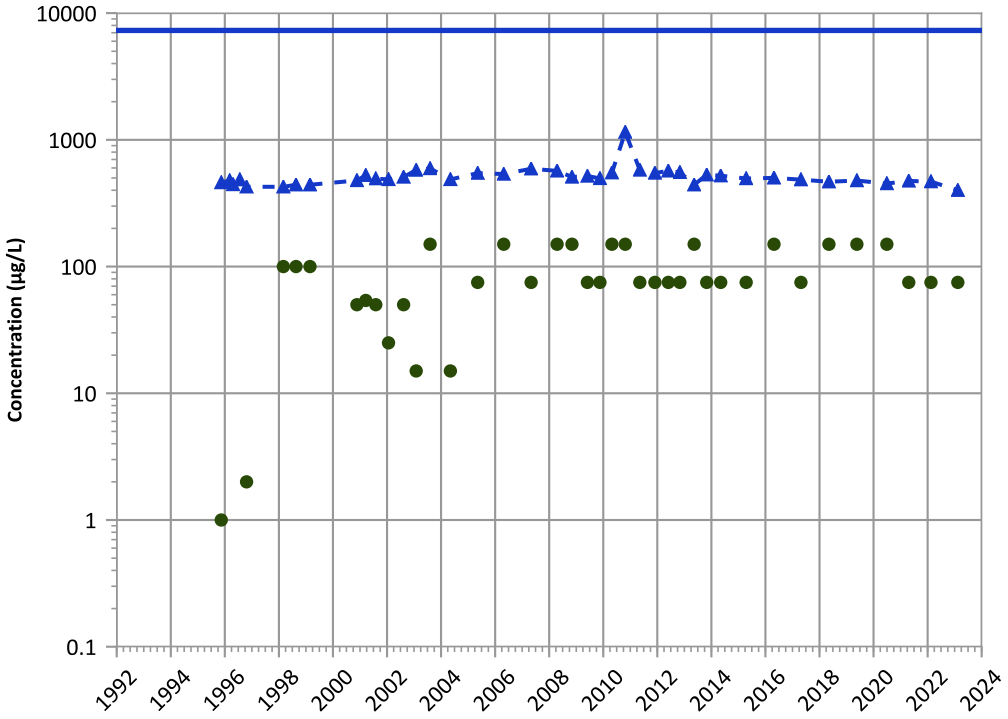


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

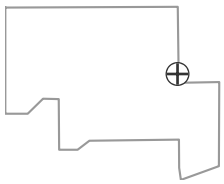
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

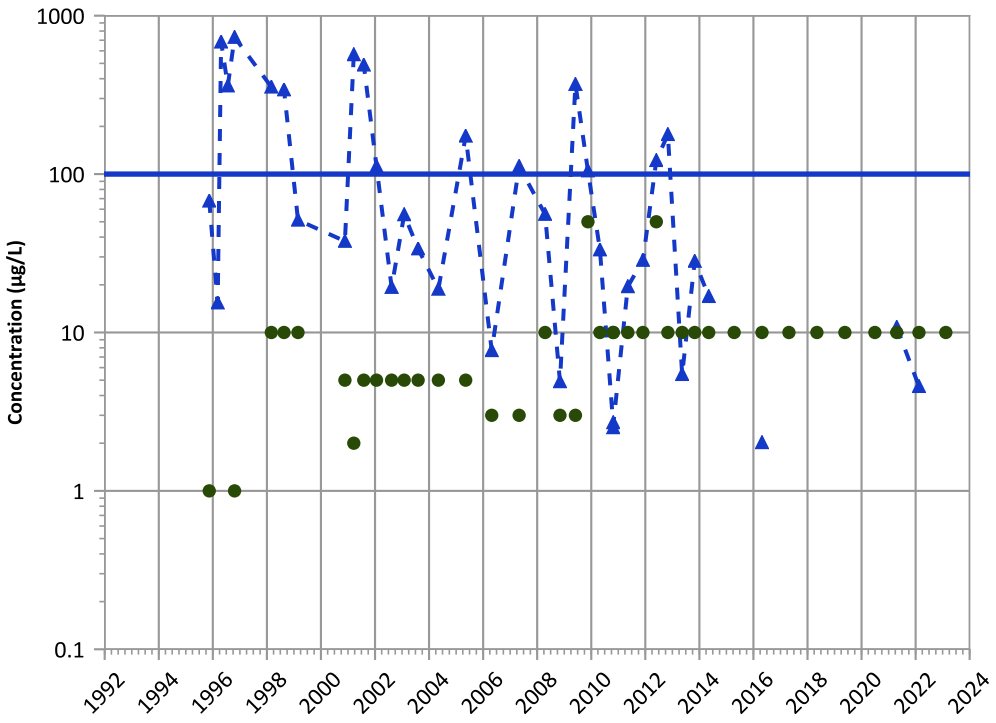
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

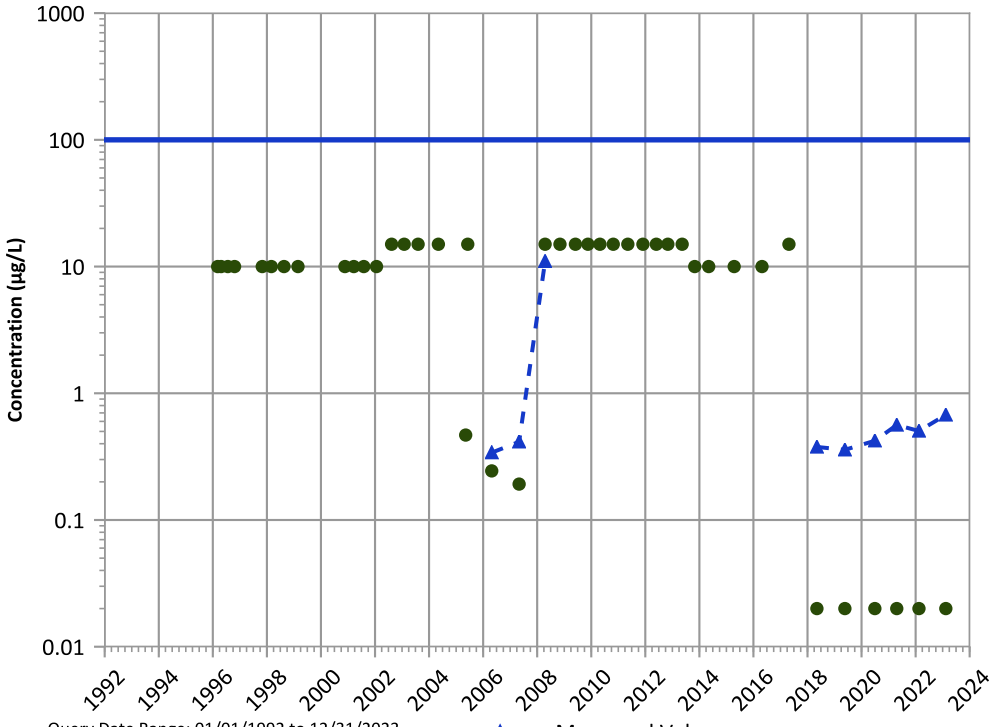


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

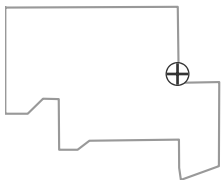
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

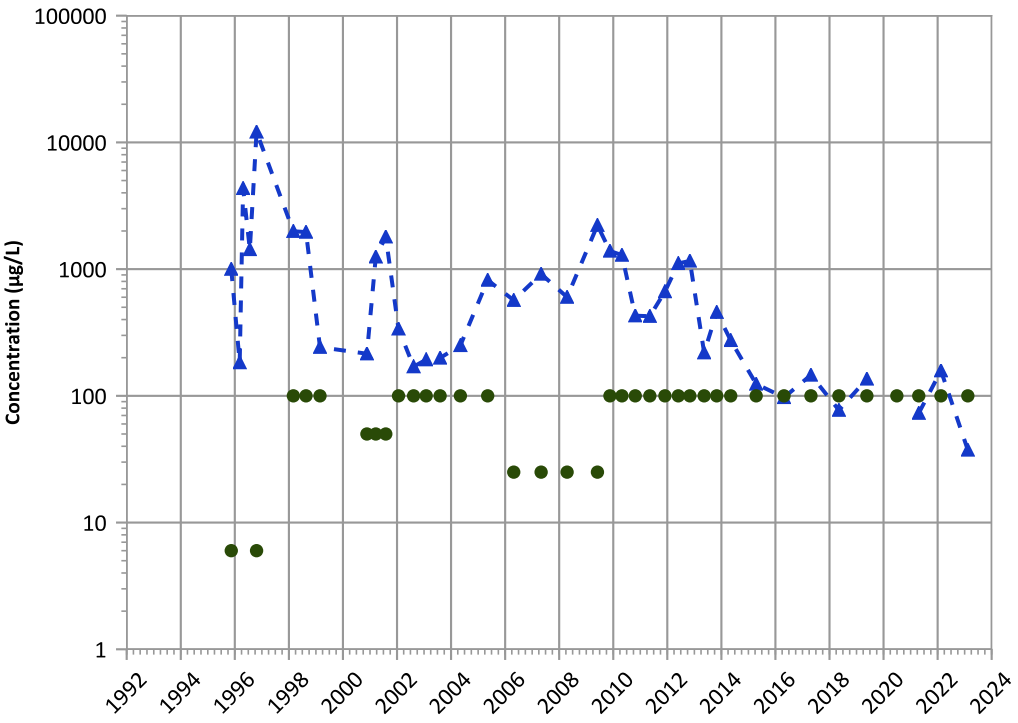
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

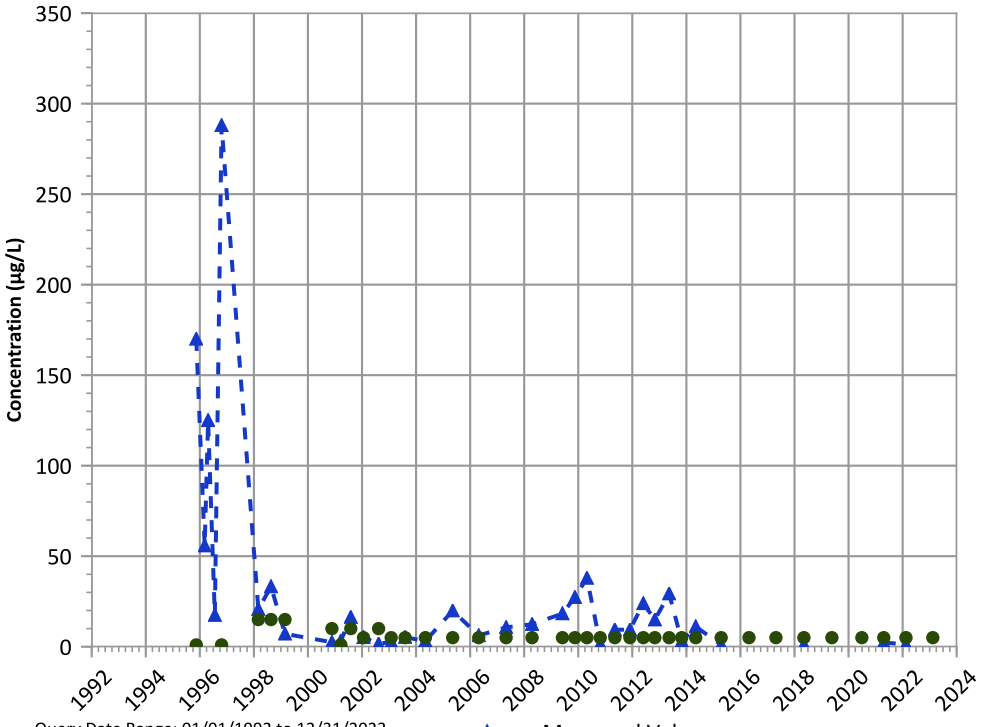


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

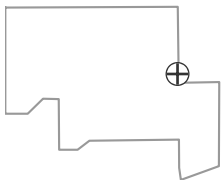
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

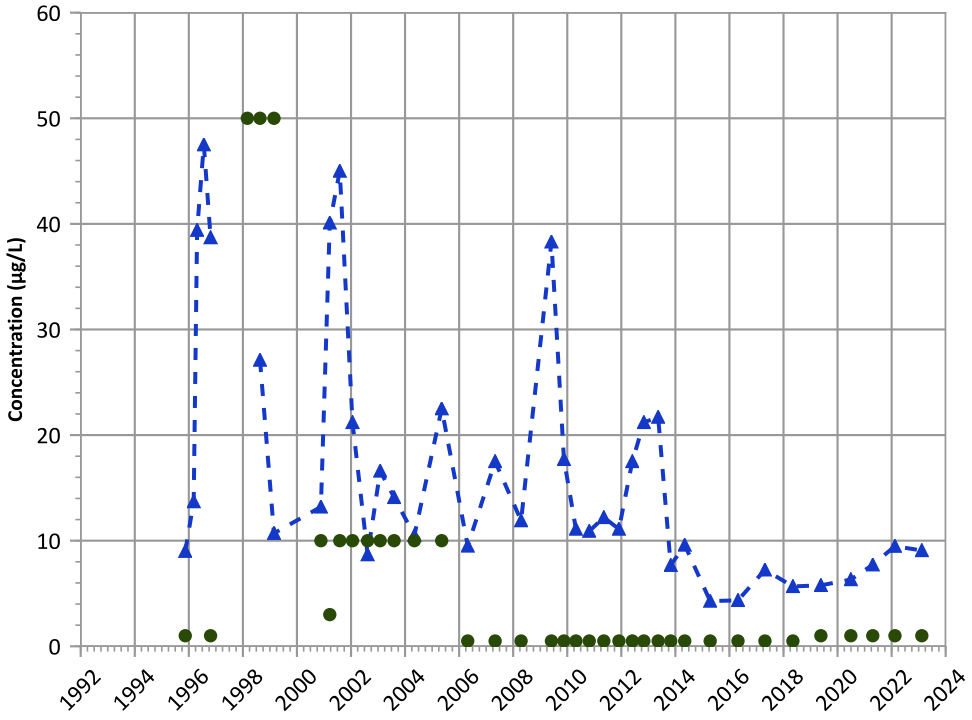
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

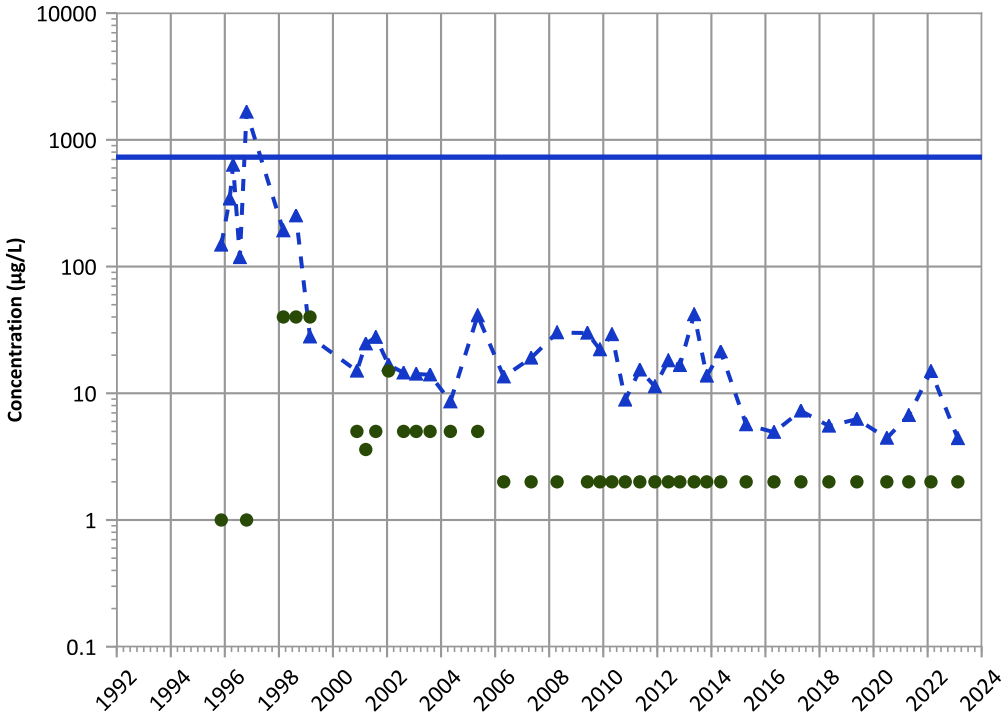


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Nickel Trend



Concentration Trend

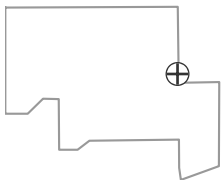
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

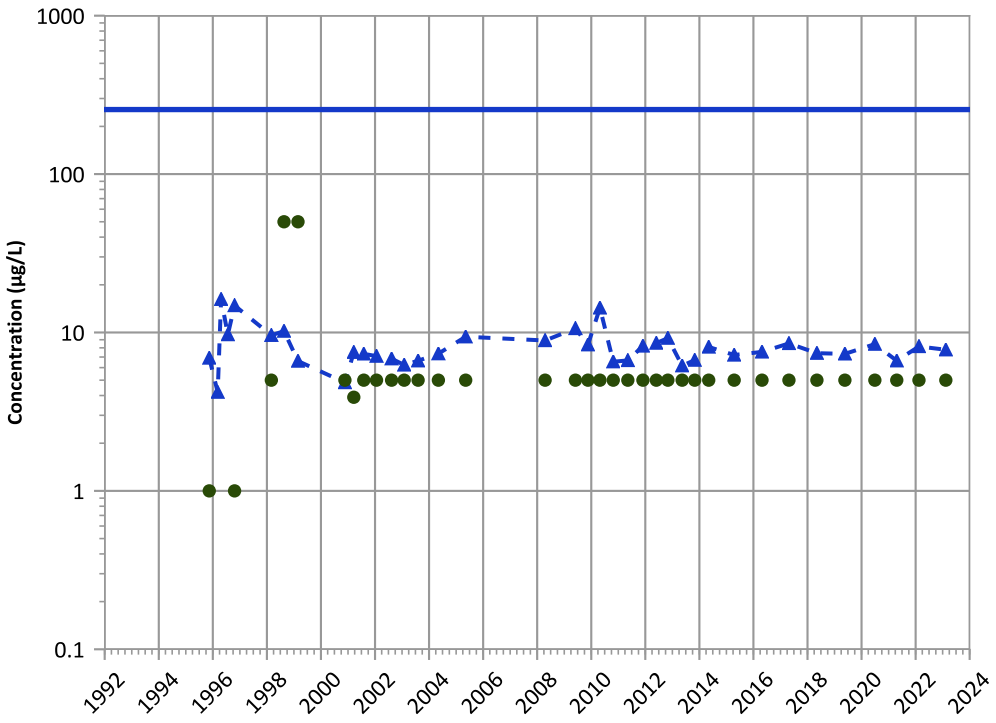
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

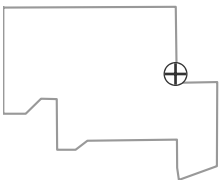
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

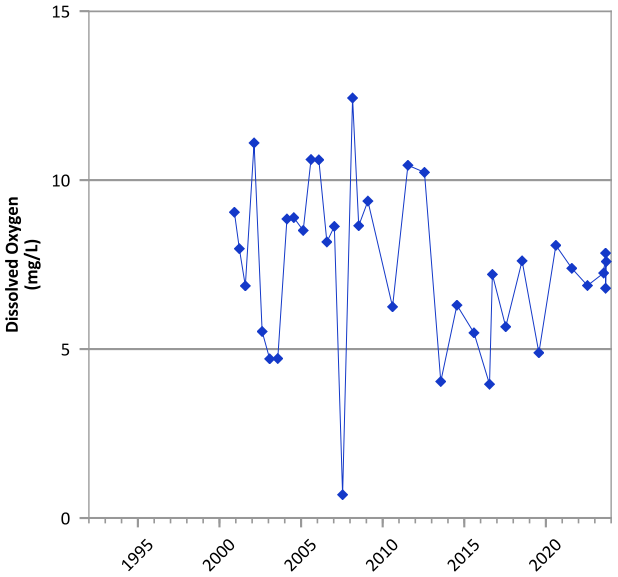
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/13/2023
Analysis Date: 04/01/2024

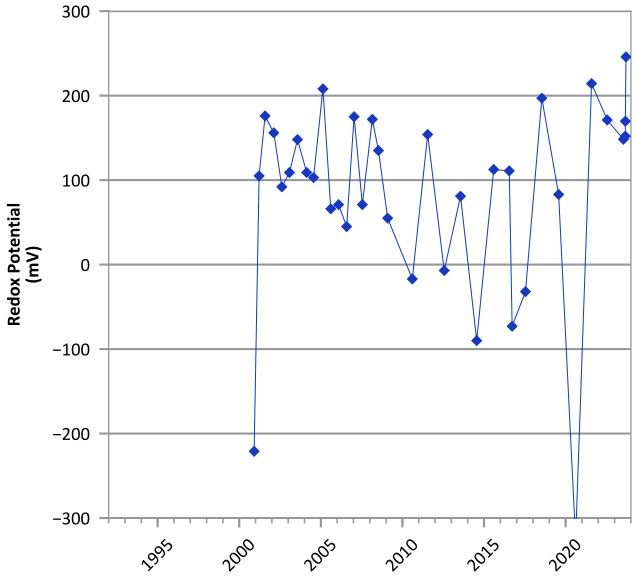
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

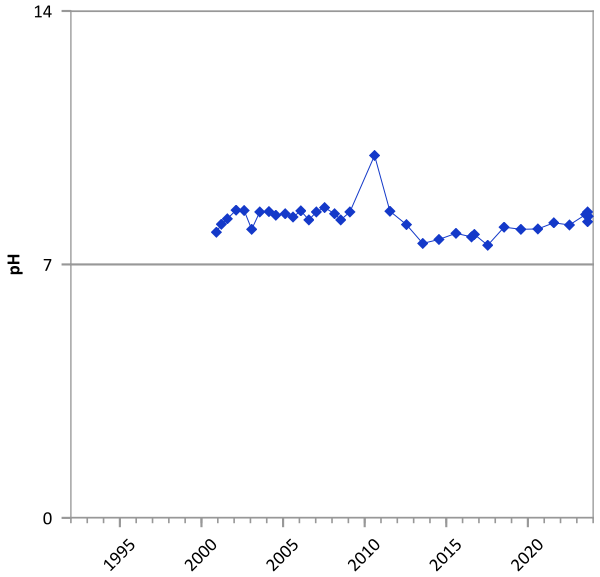
Well Location

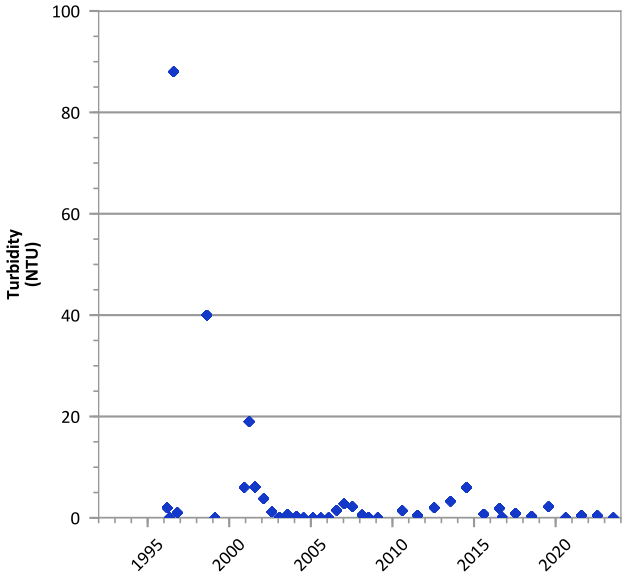


PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

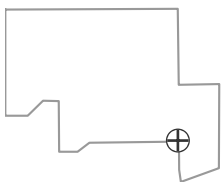






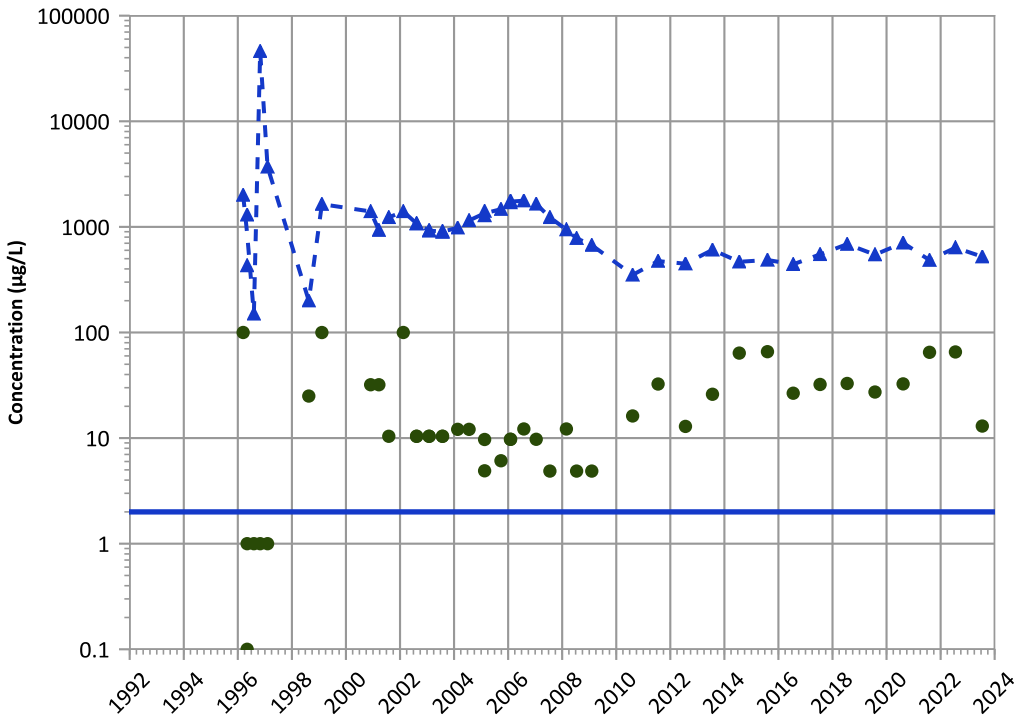


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

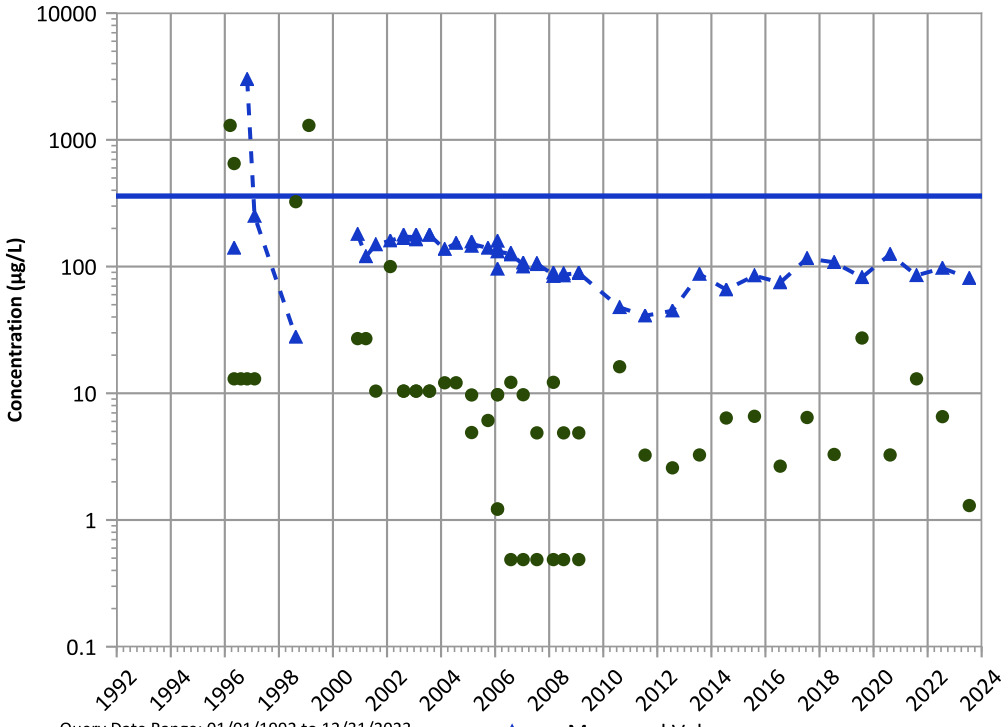


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

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



Concentration Trend

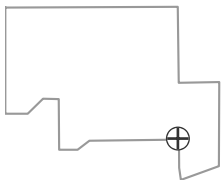
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

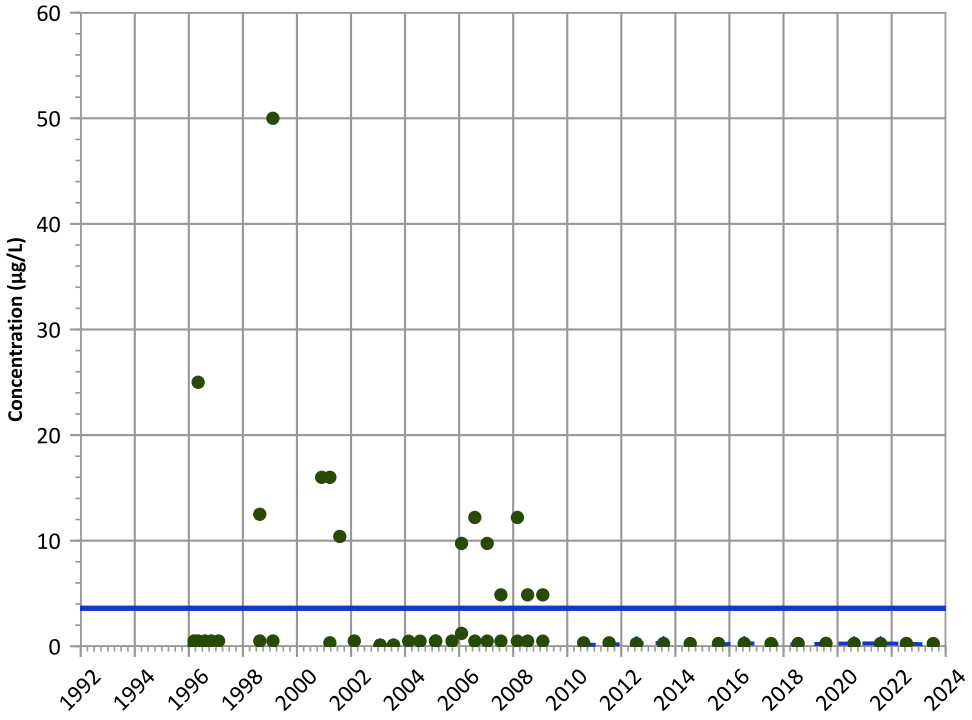
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

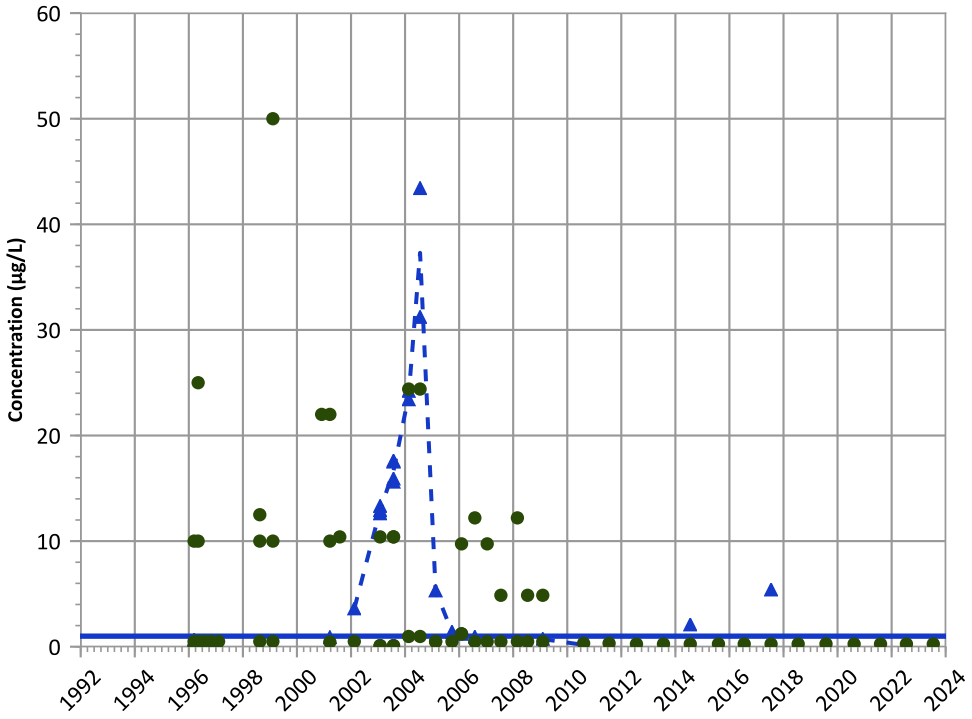


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

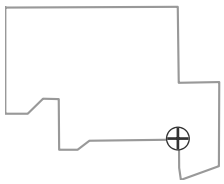
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

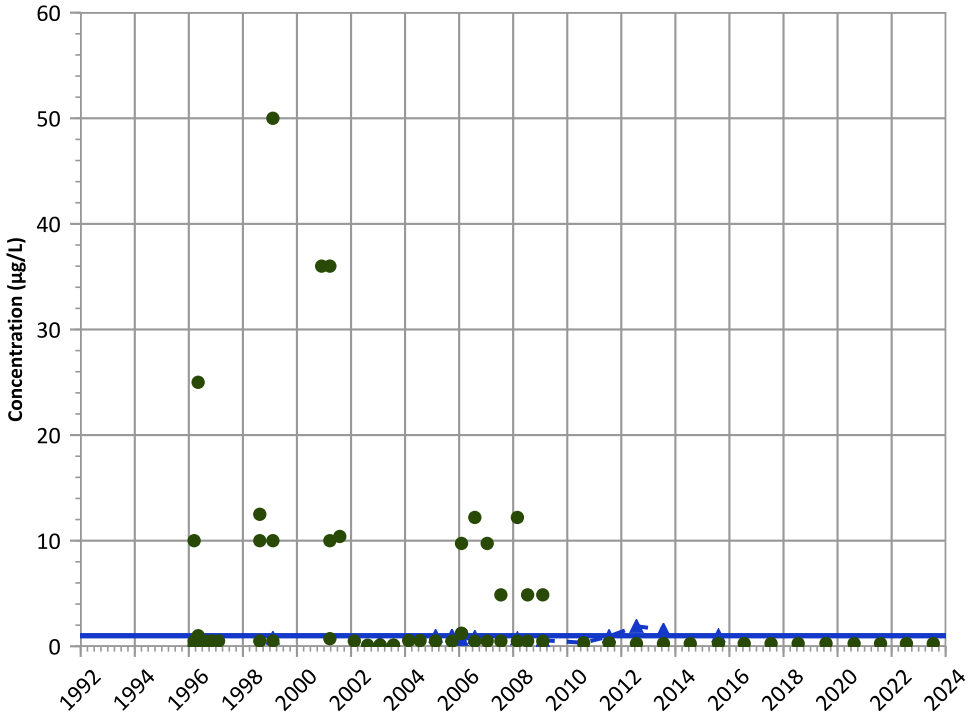
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

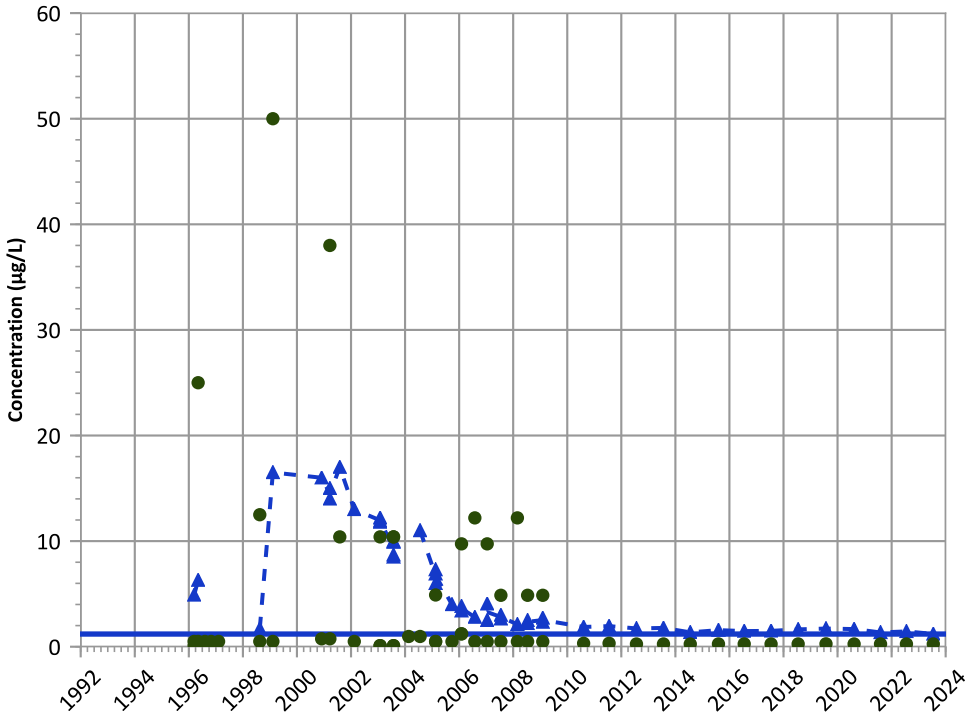


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

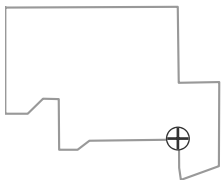
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

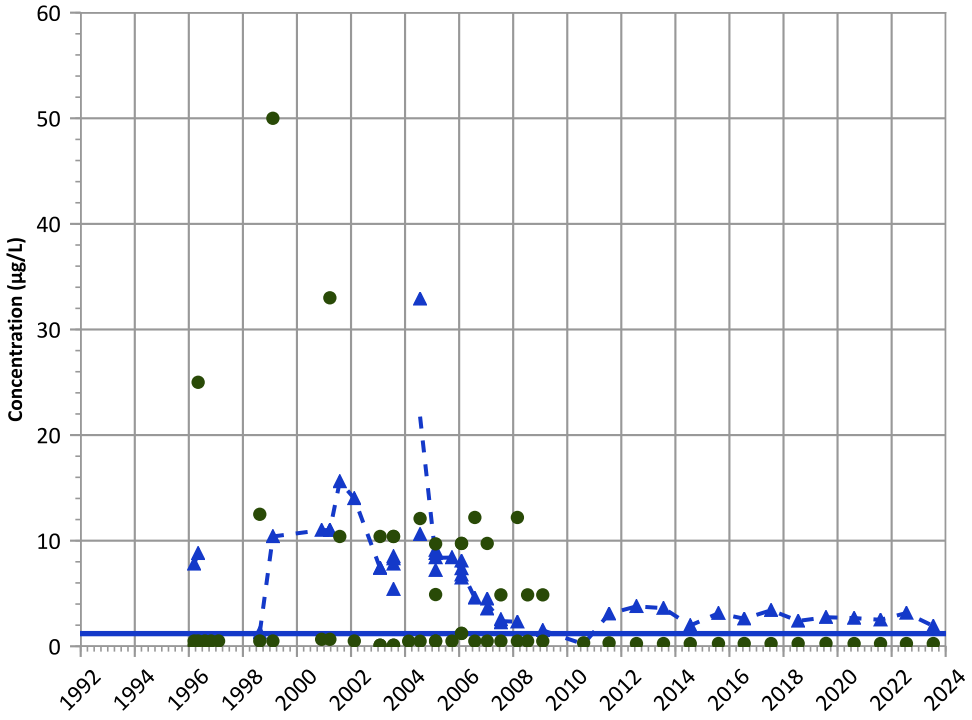
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

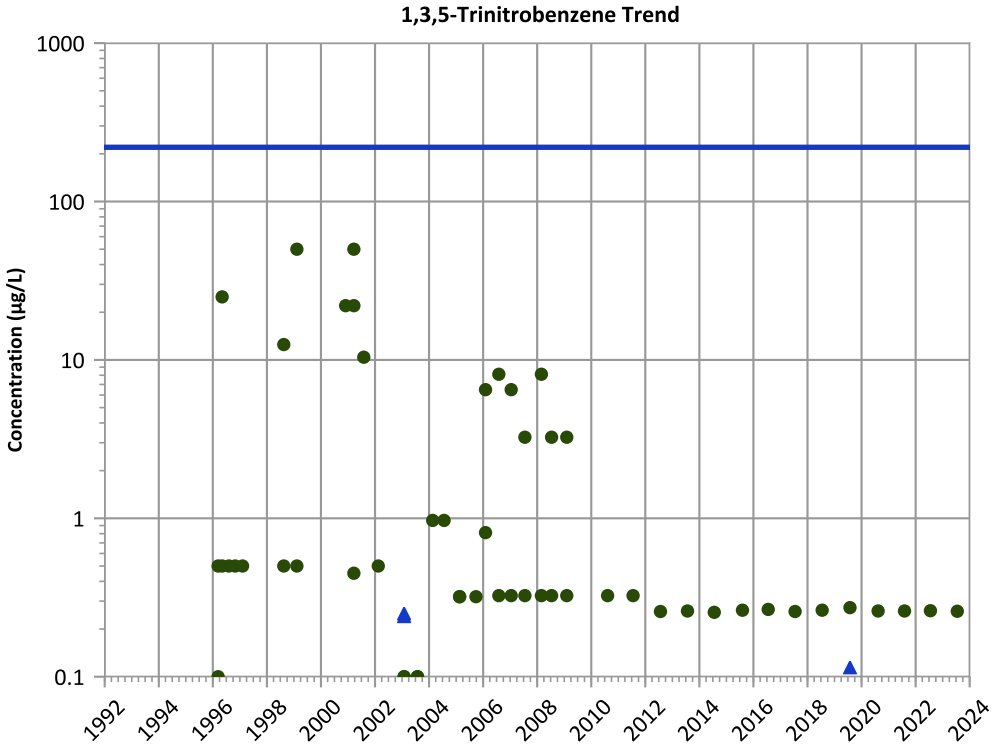


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

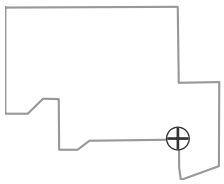
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

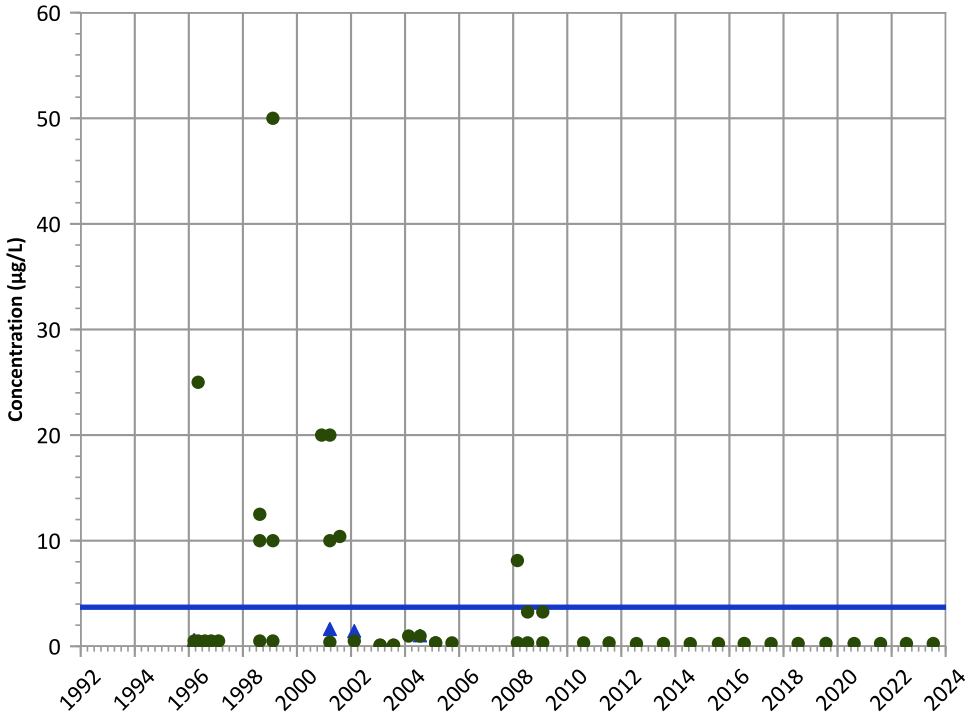
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

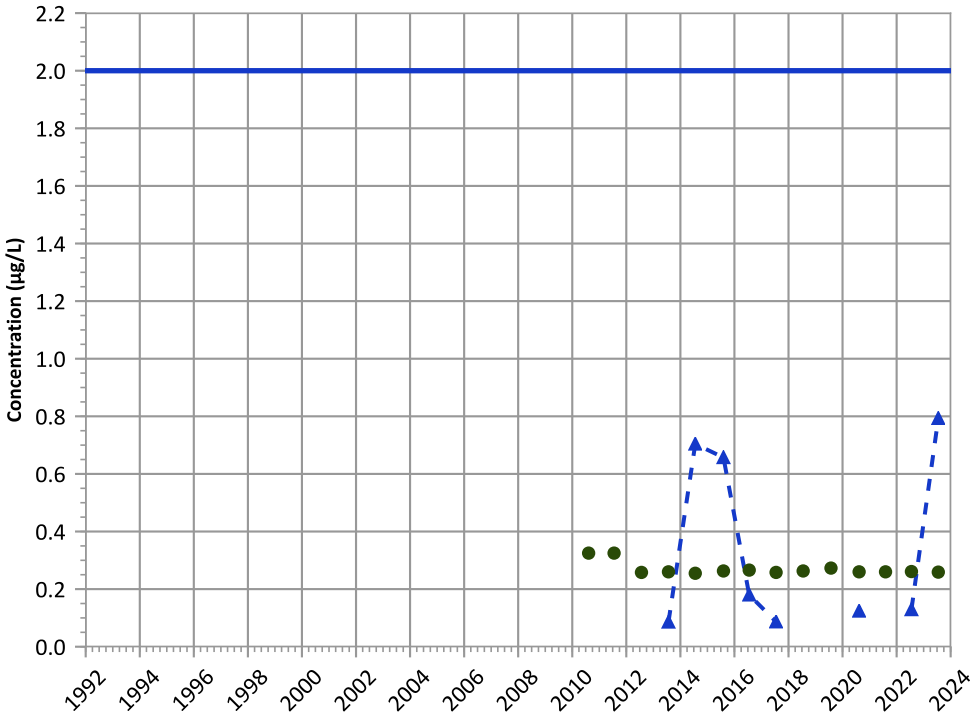
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
No Trend

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



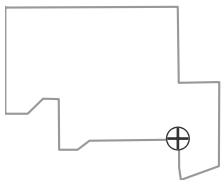
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

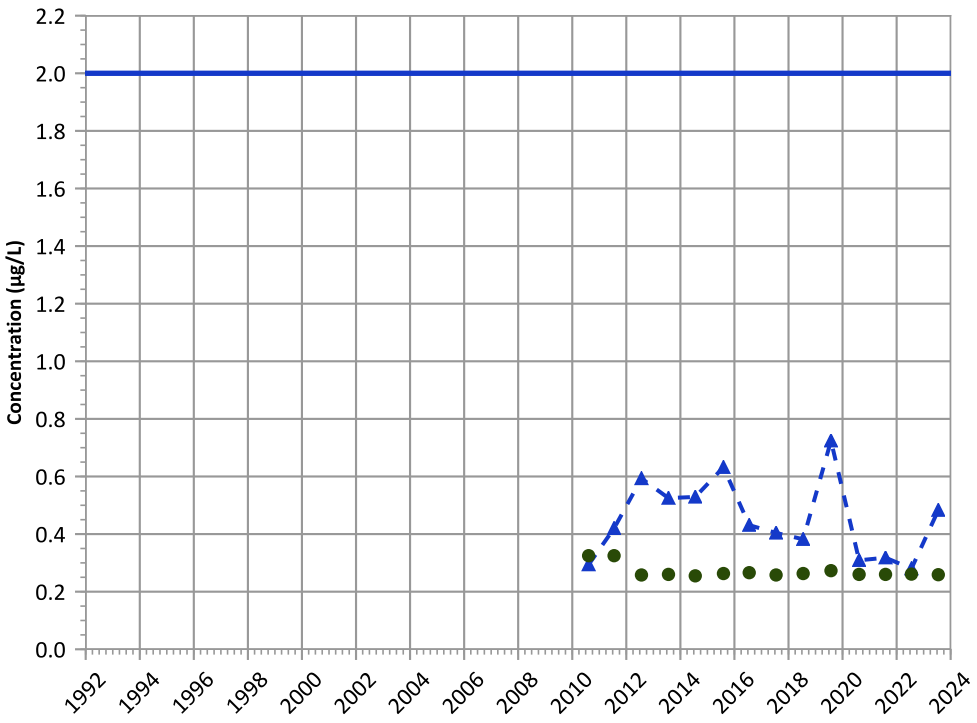
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

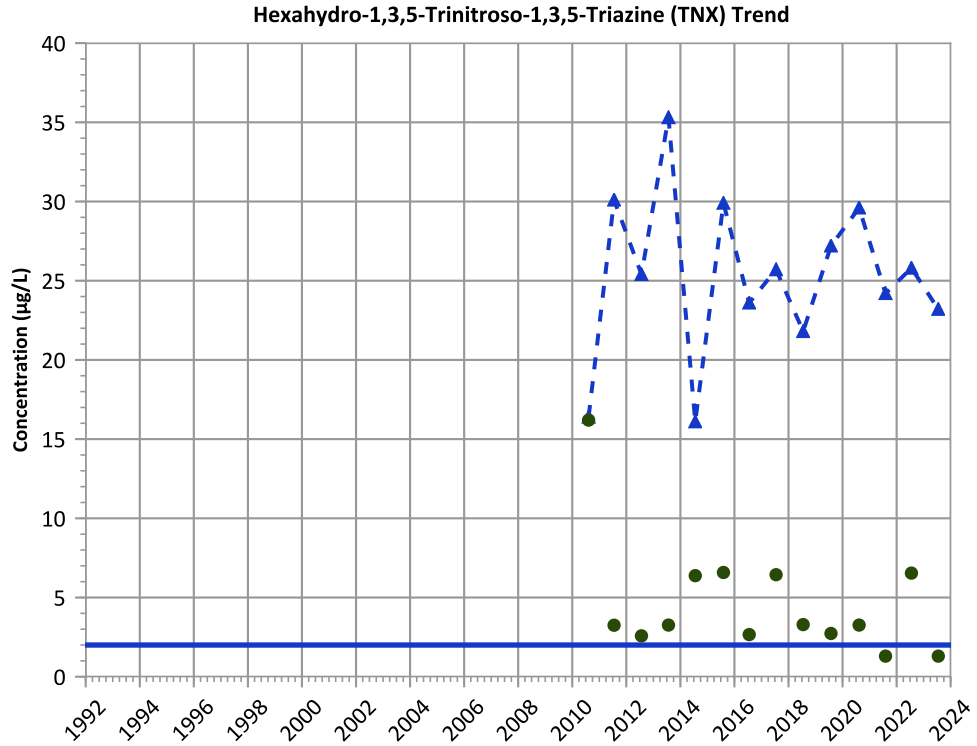


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

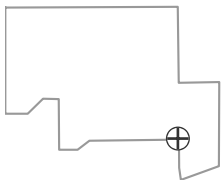
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

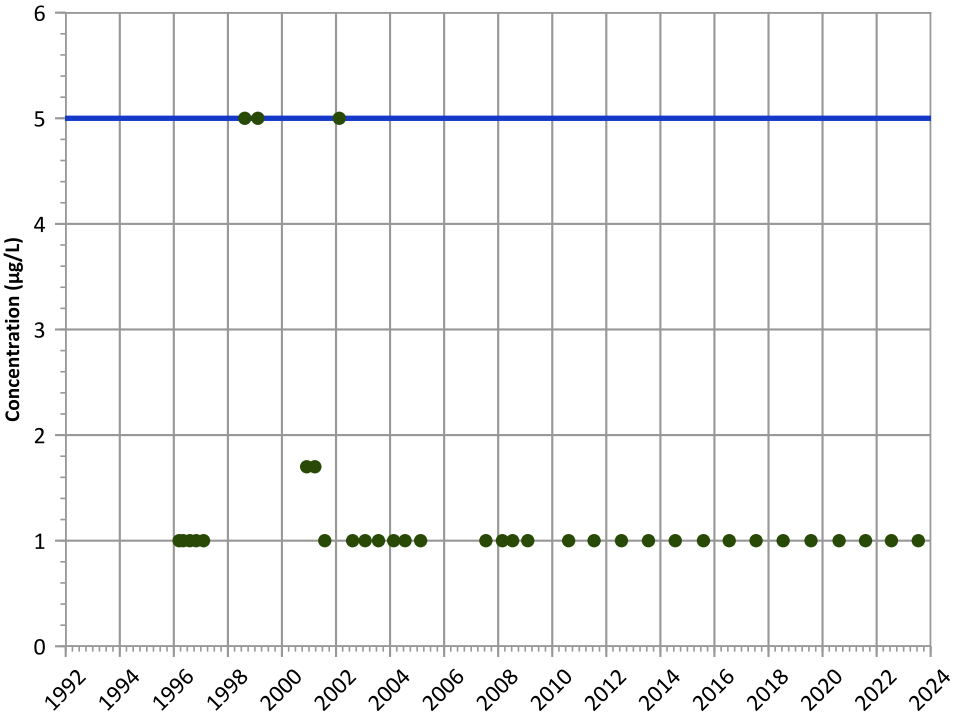
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

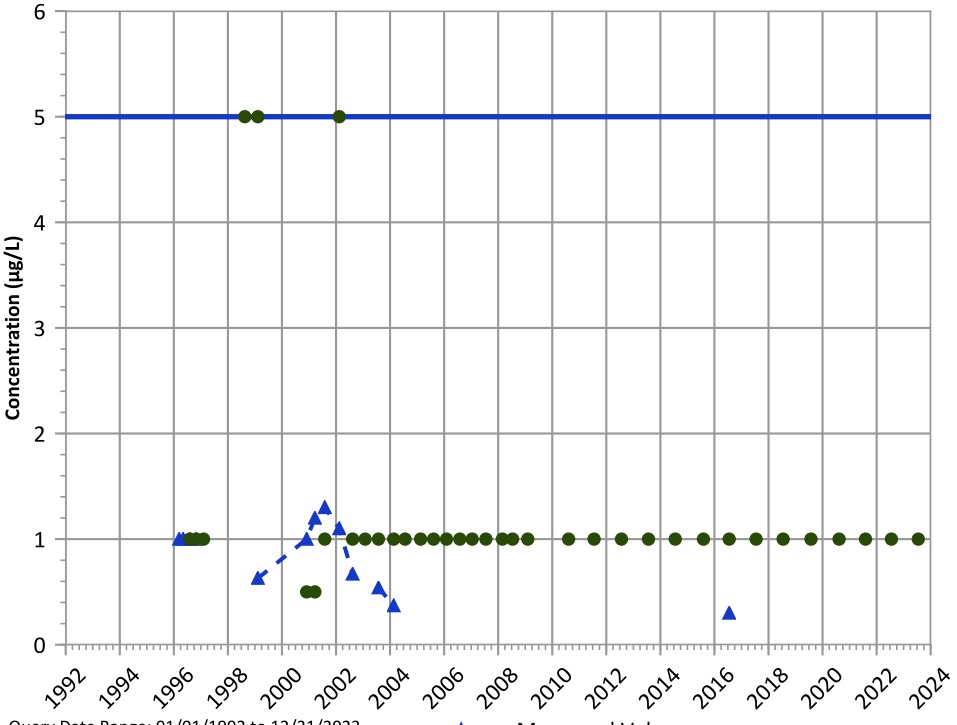


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

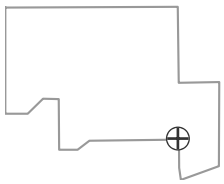
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

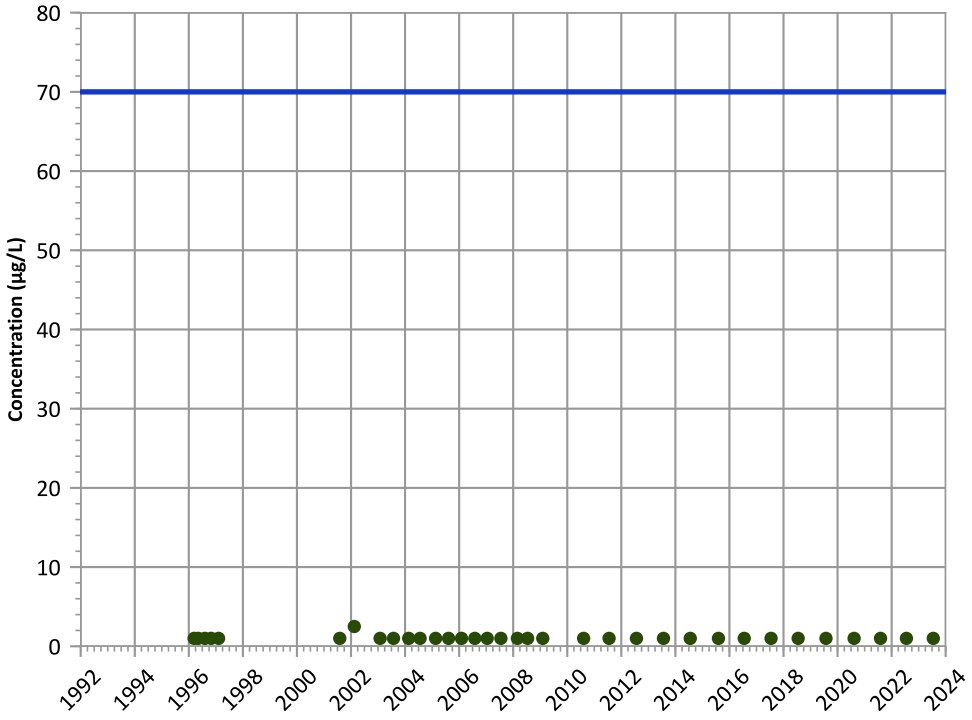
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

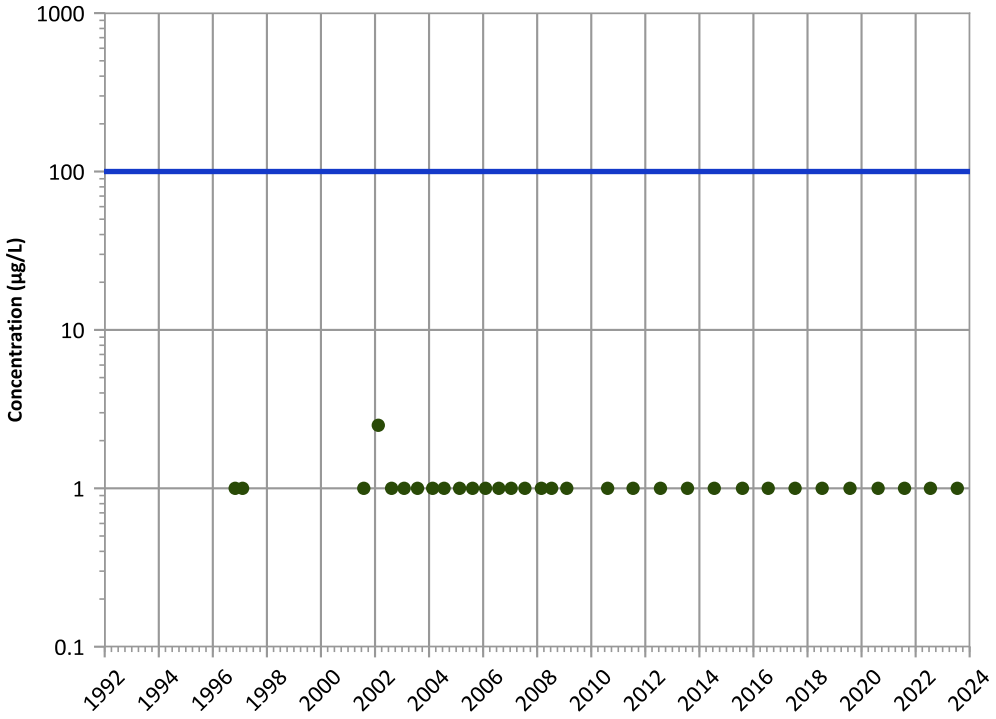
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



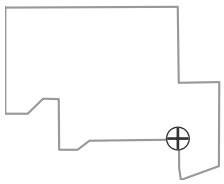
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

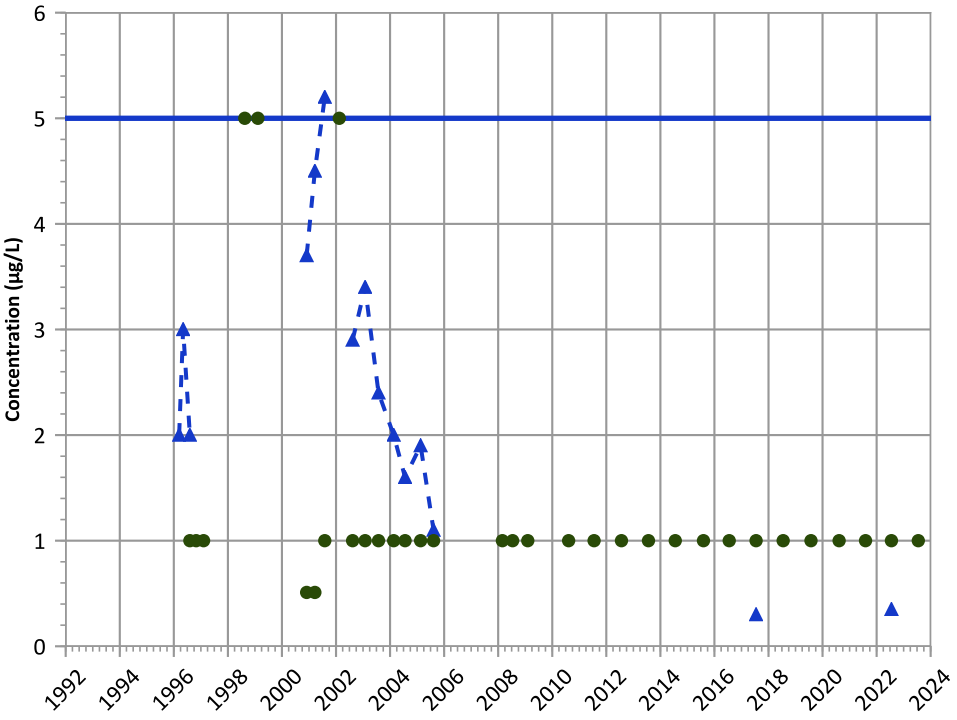
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

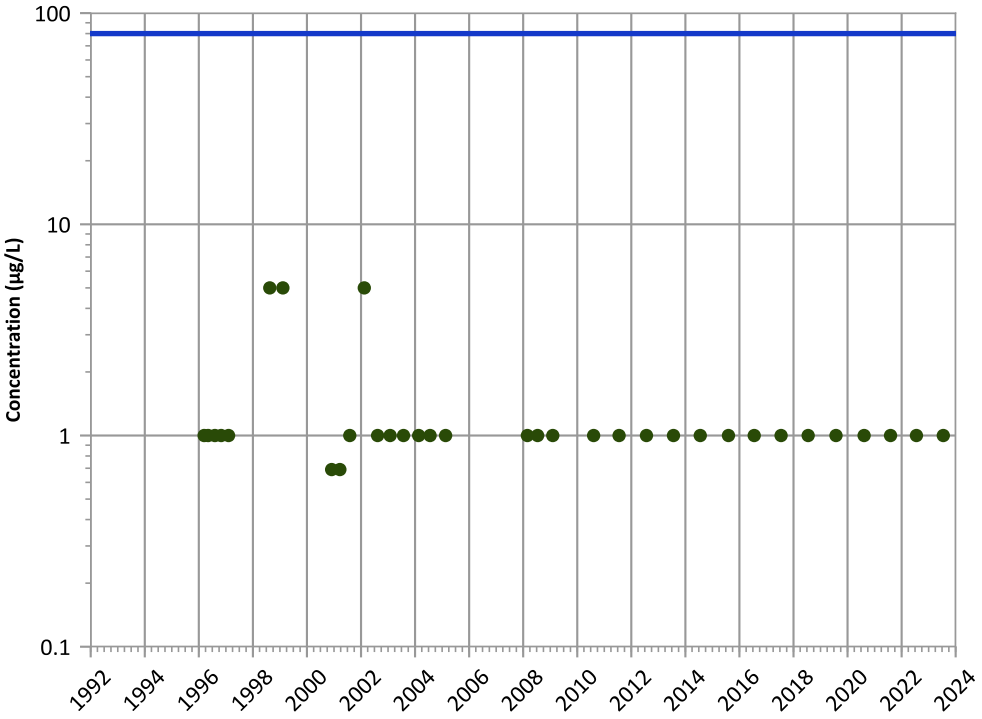


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

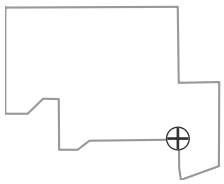
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

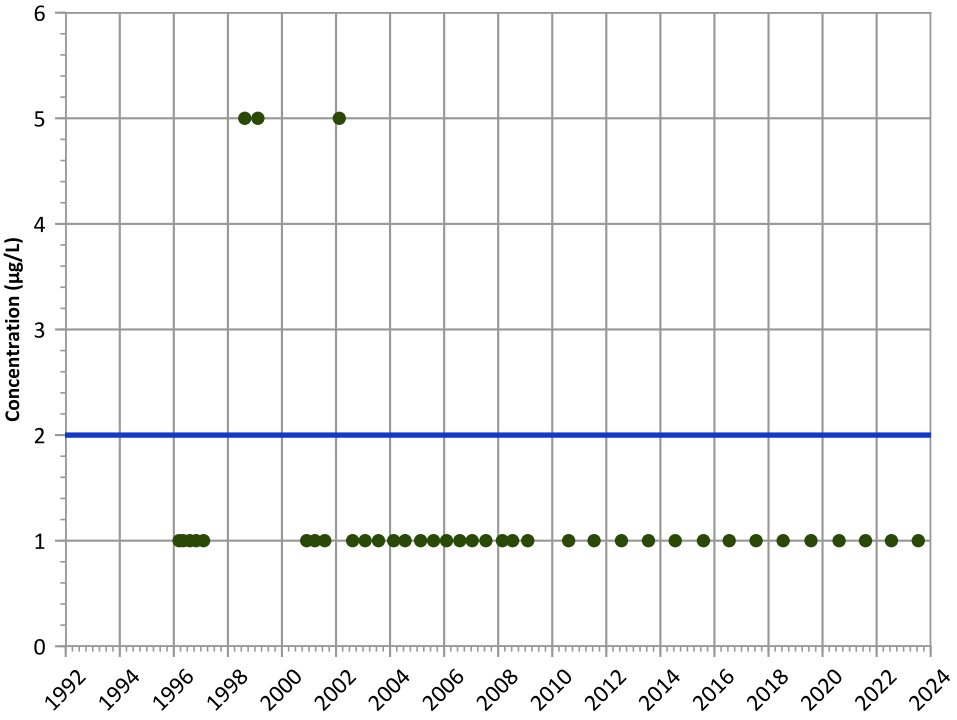
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

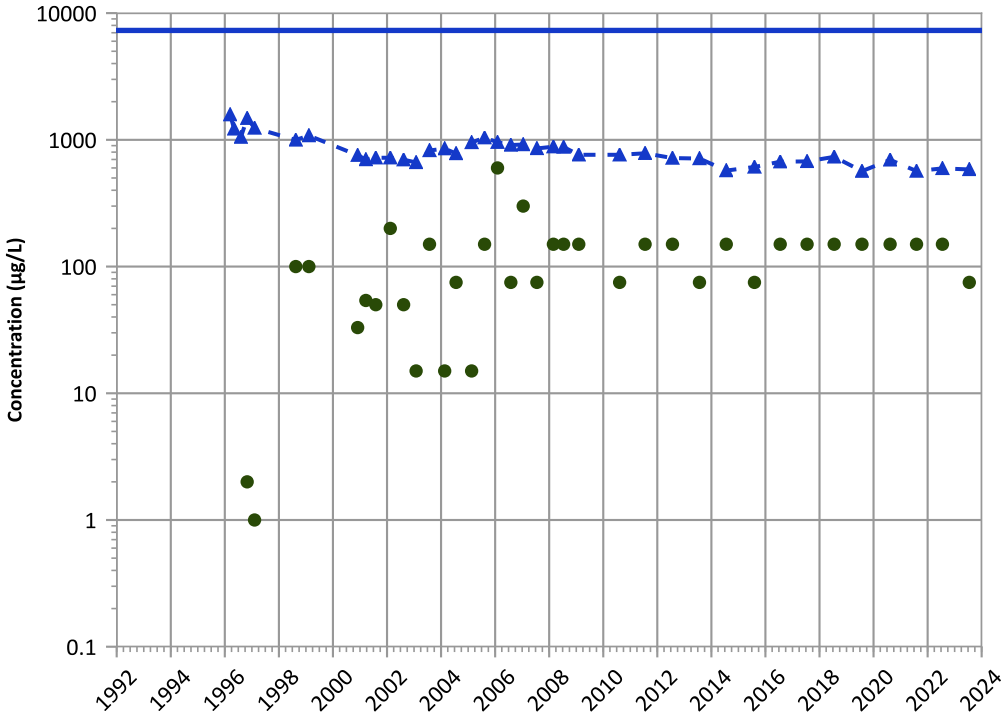


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

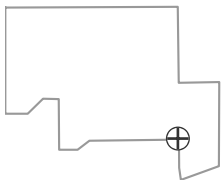
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

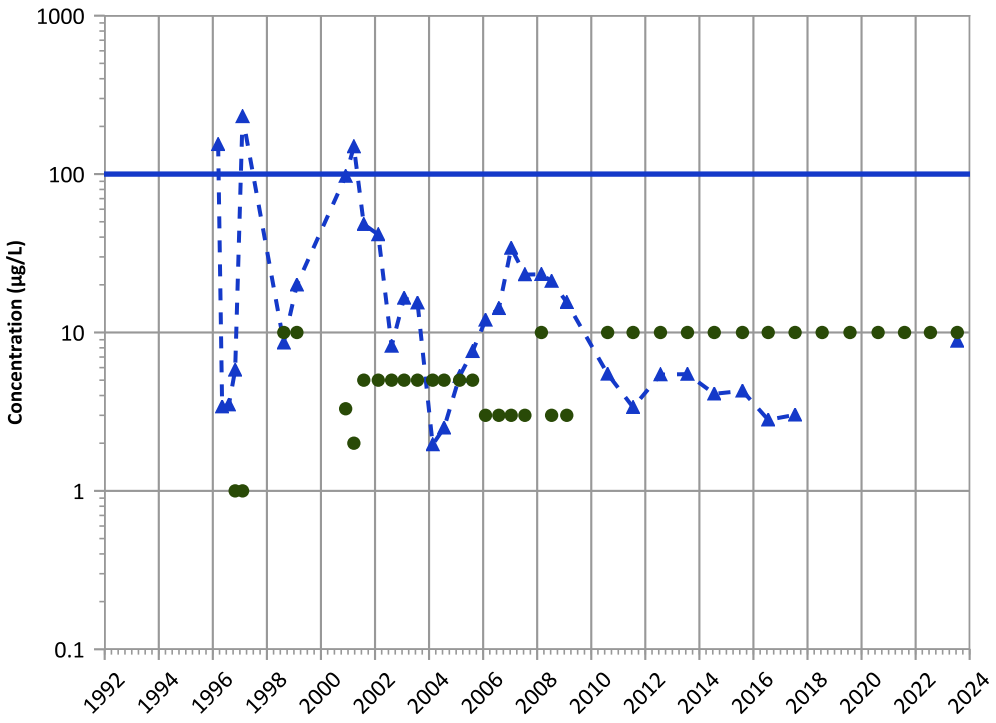
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

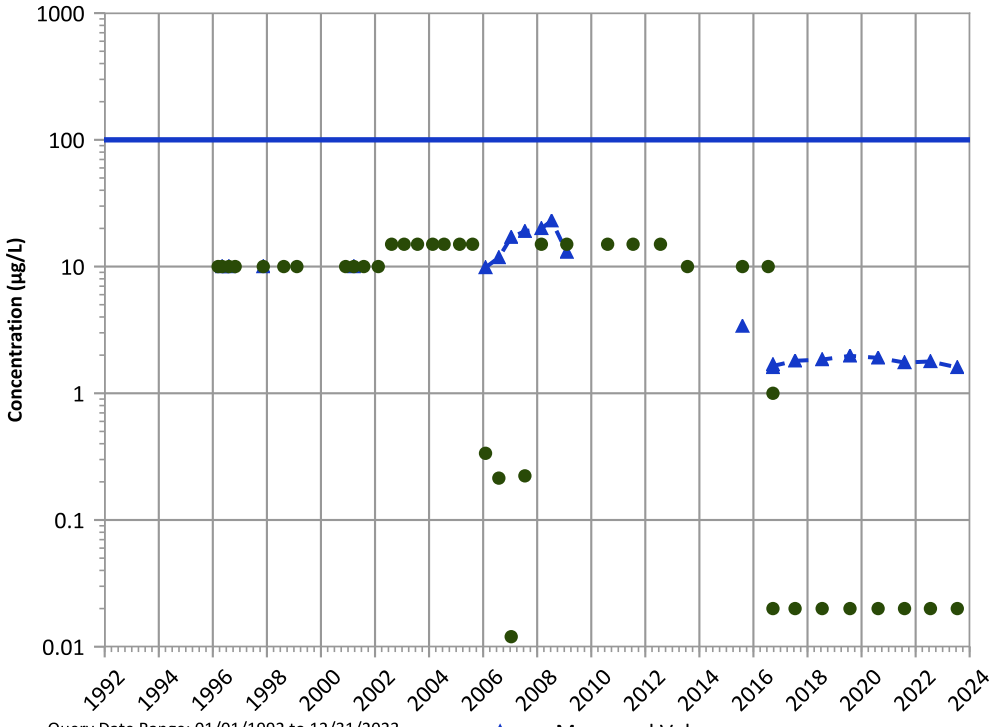


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

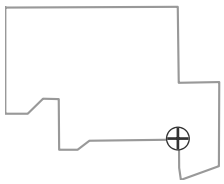
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

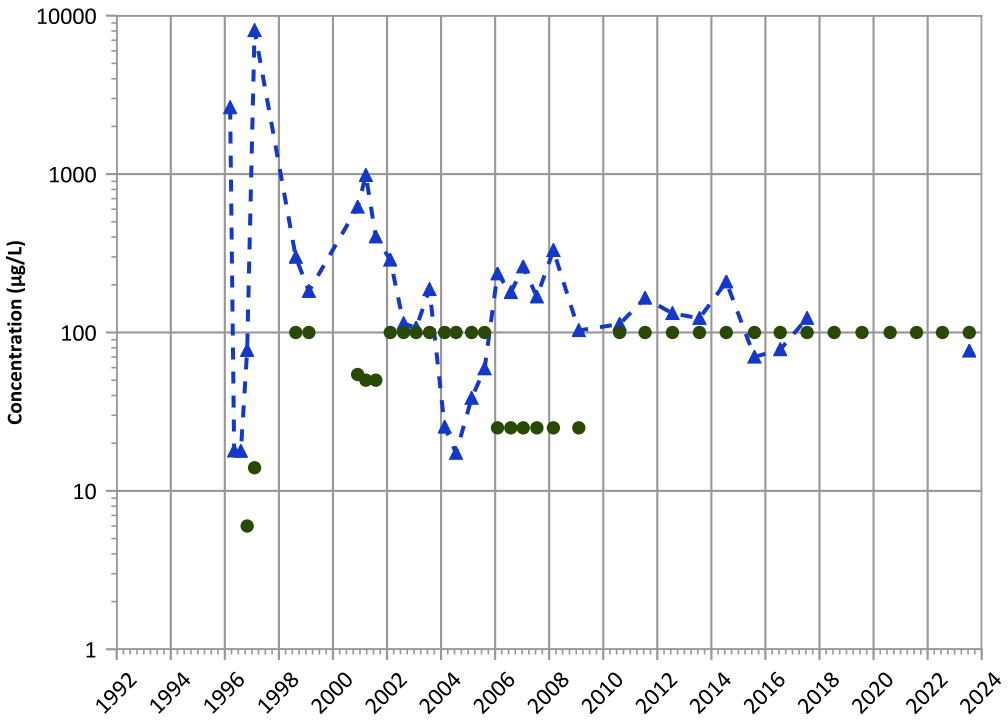
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

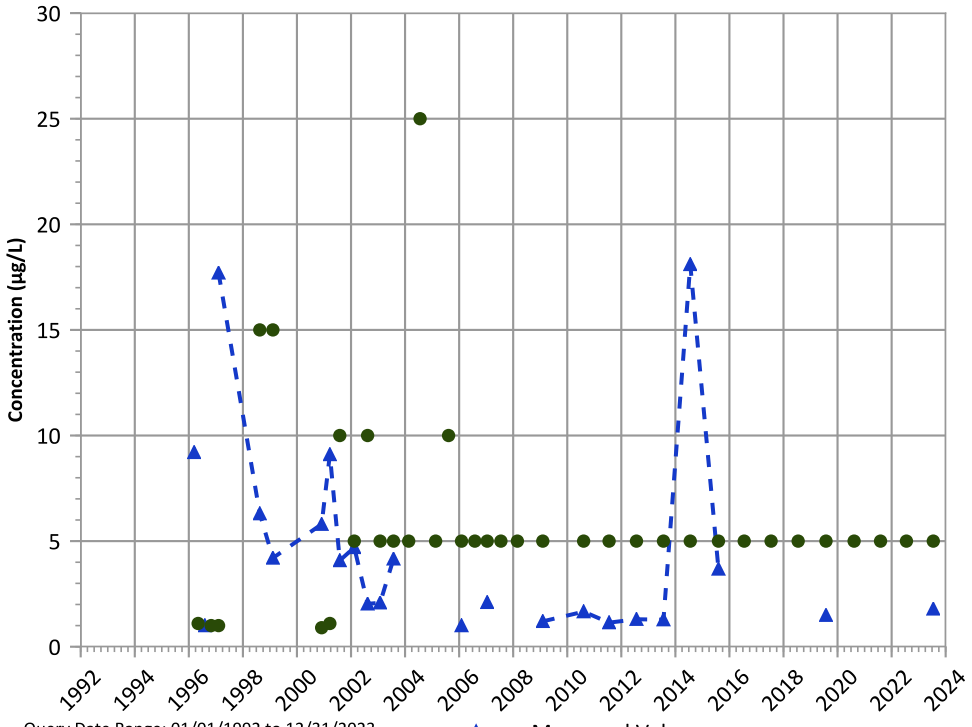


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

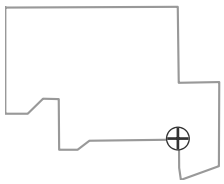
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

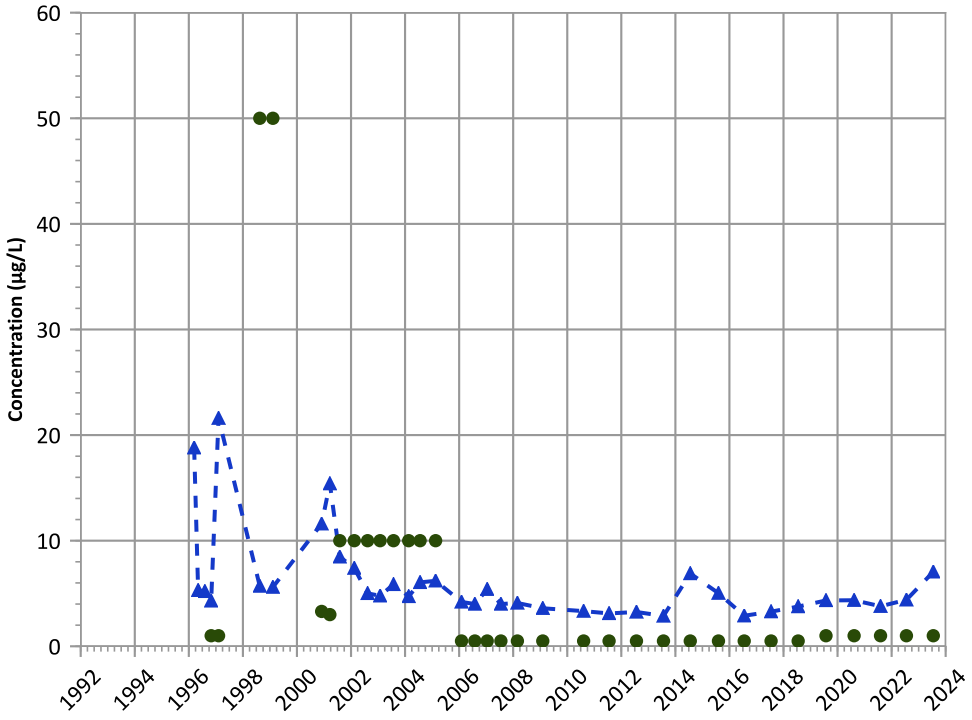
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

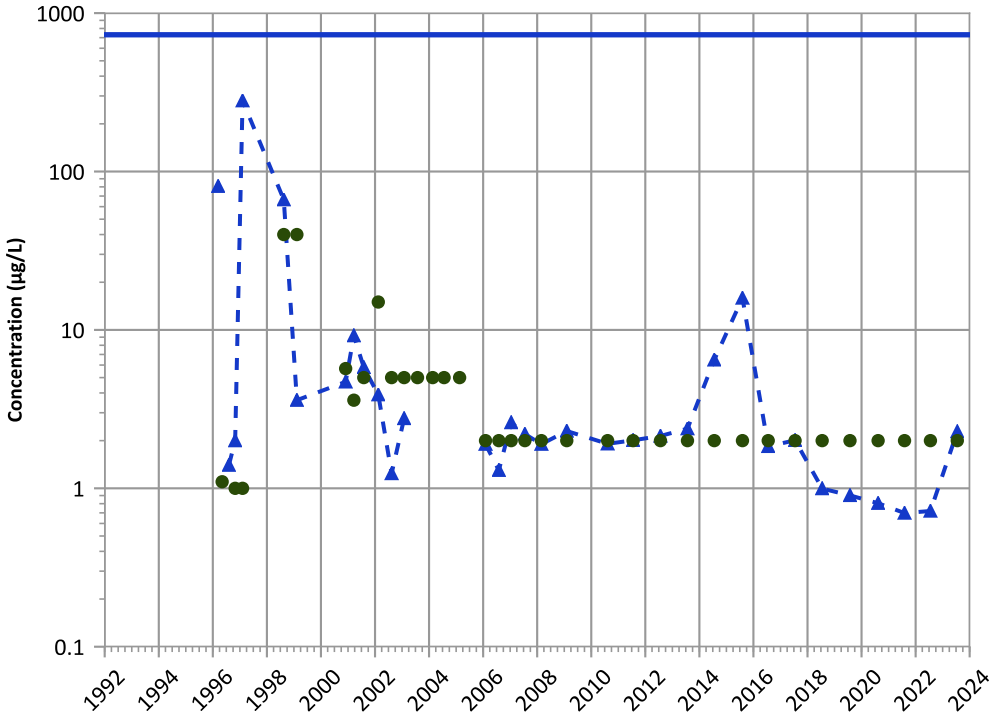


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Nickel Trend



Concentration Trend

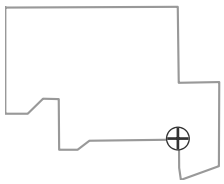
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

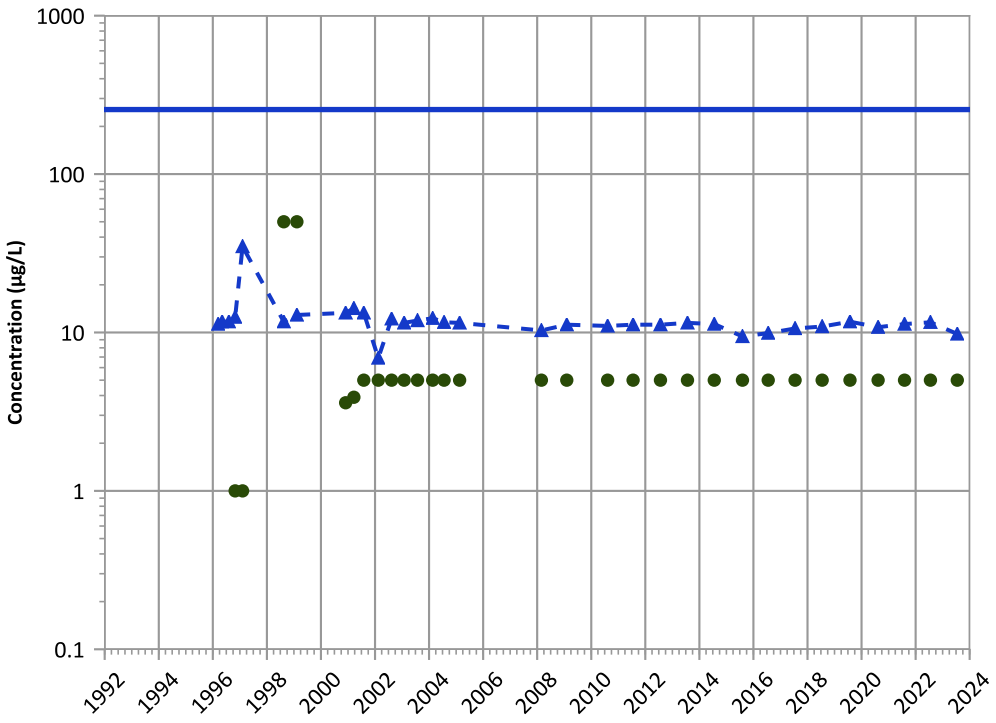
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

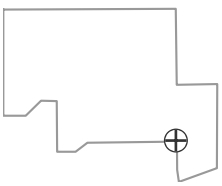
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

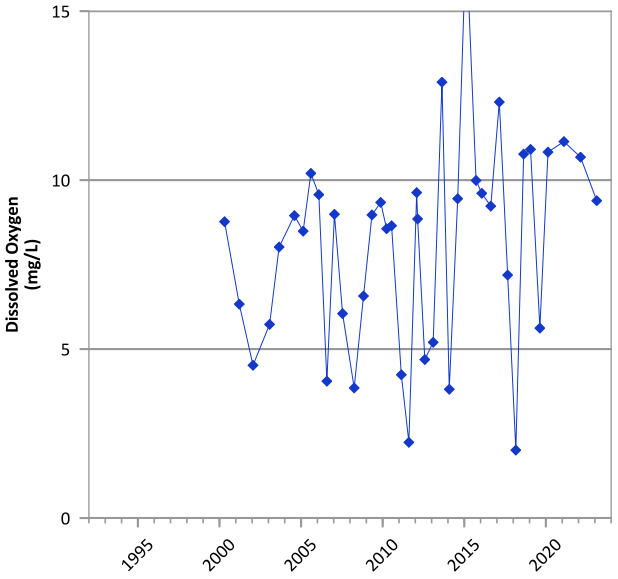
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/13/1996 to 07/18/2023
Analysis Date: 04/01/2024

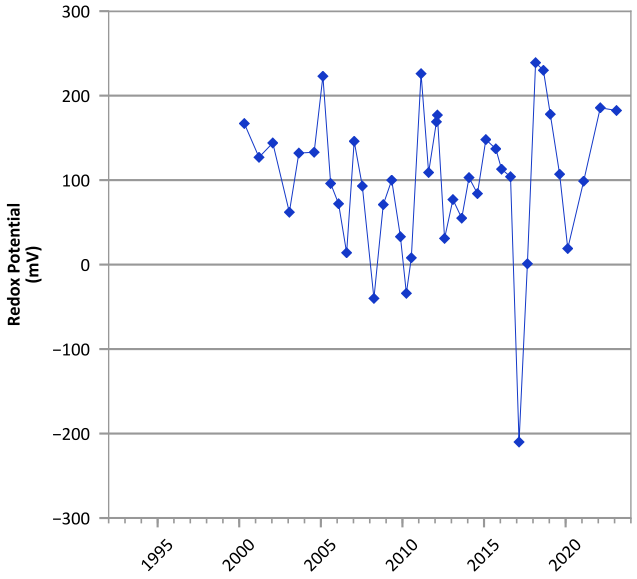
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

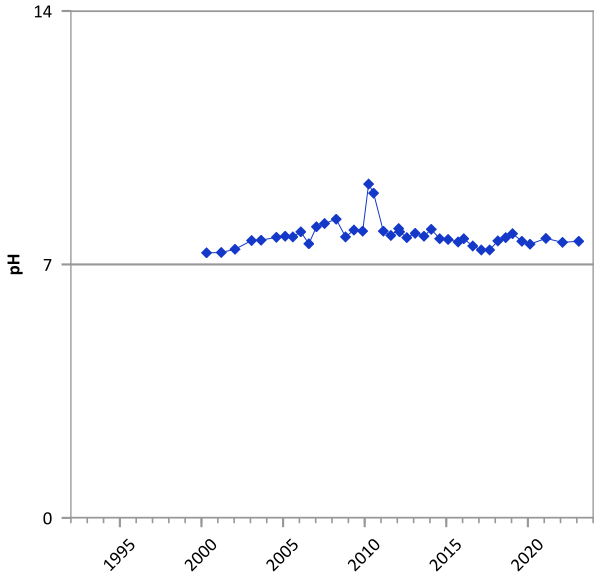
Well Location

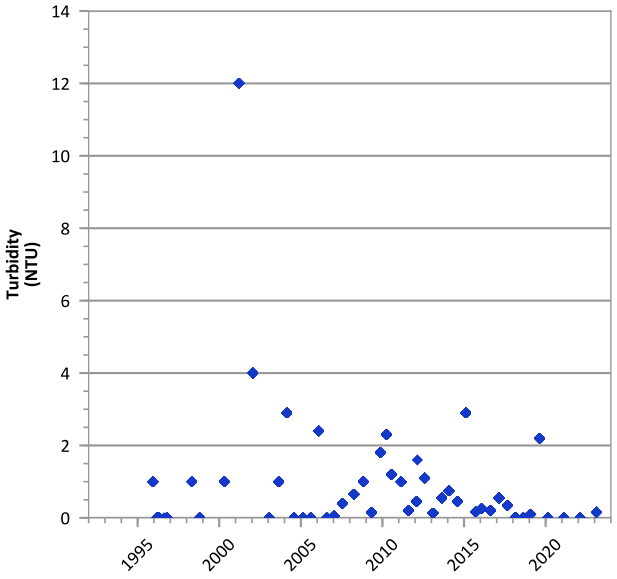


PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

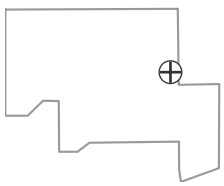






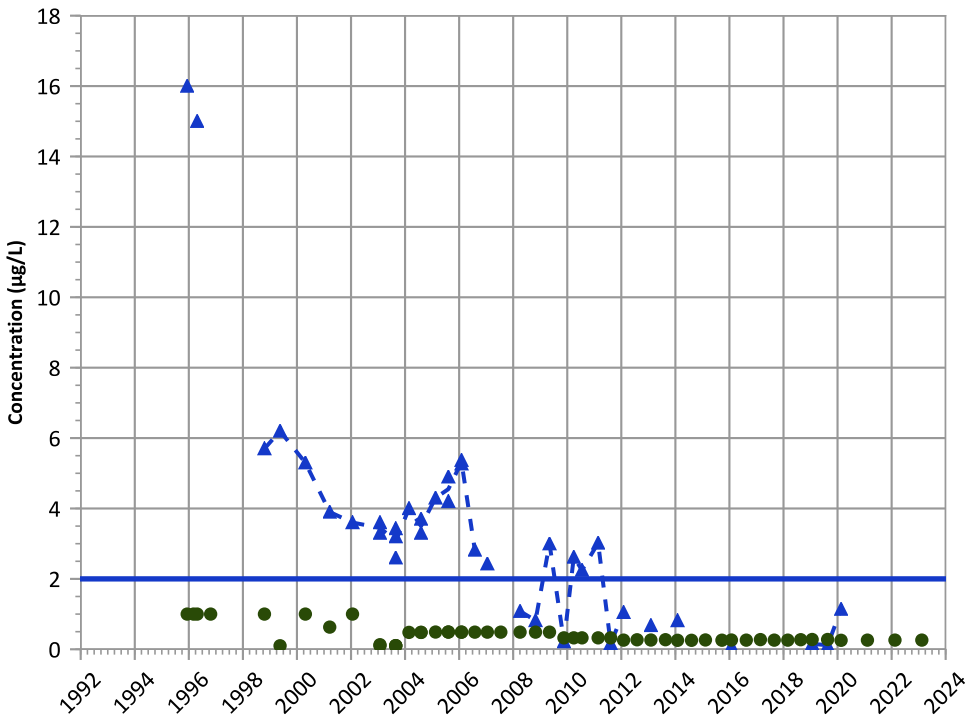


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

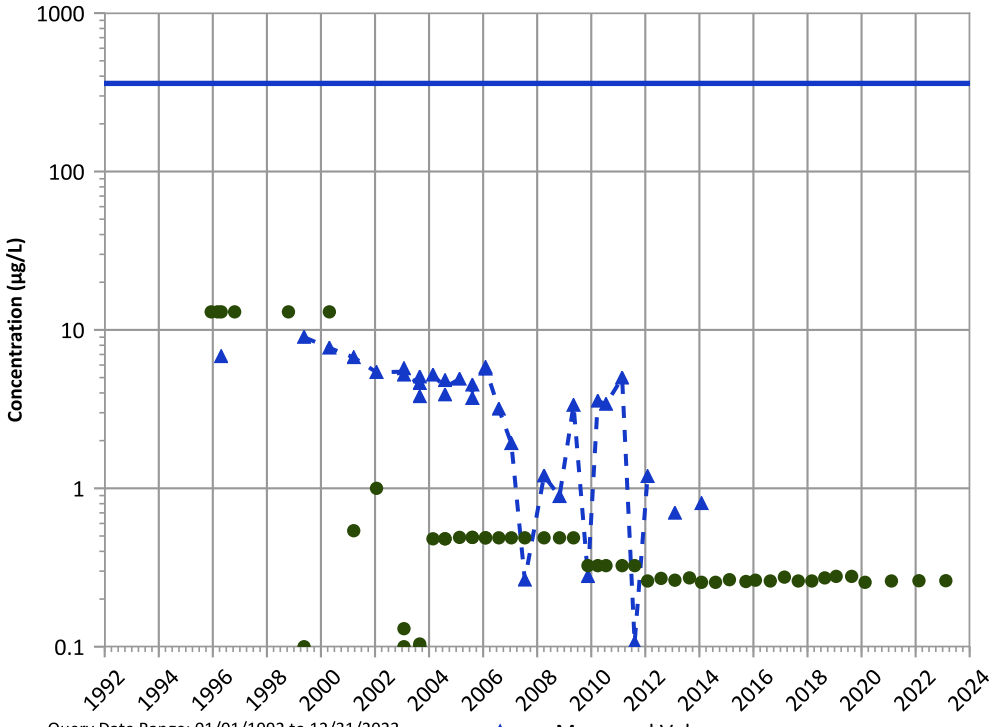


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

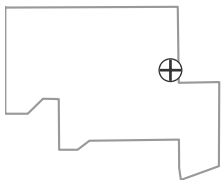
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

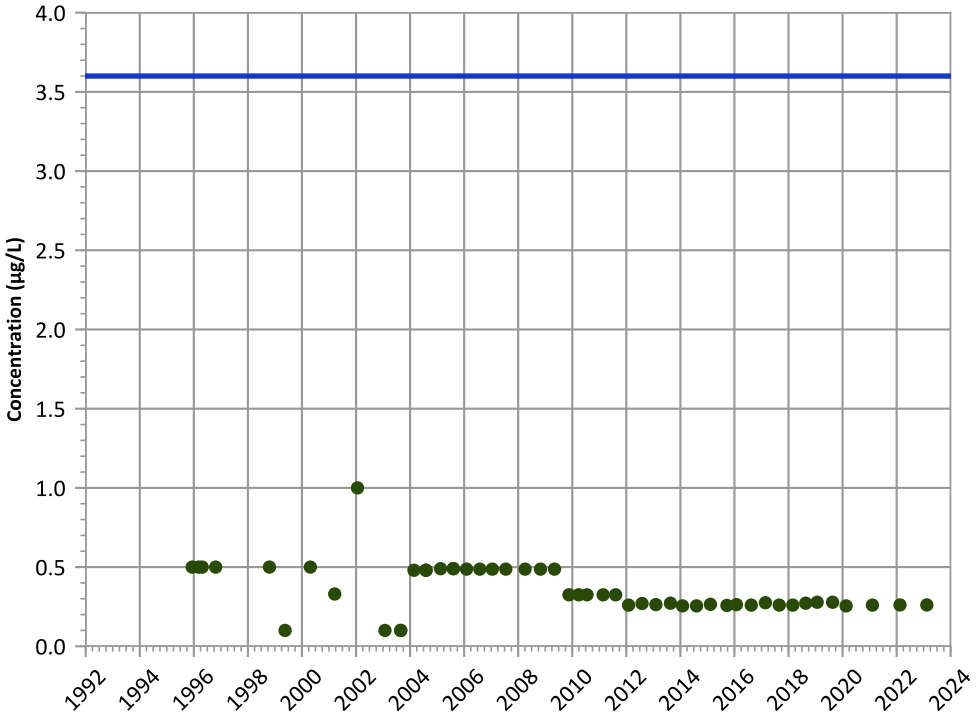
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

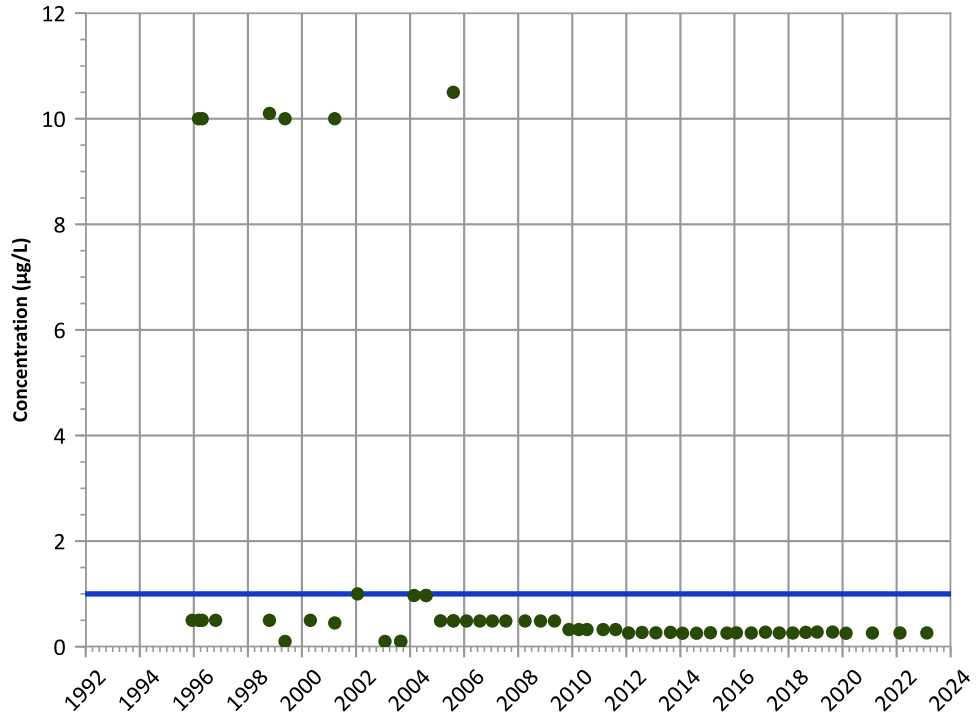


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

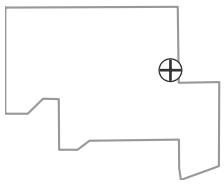
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

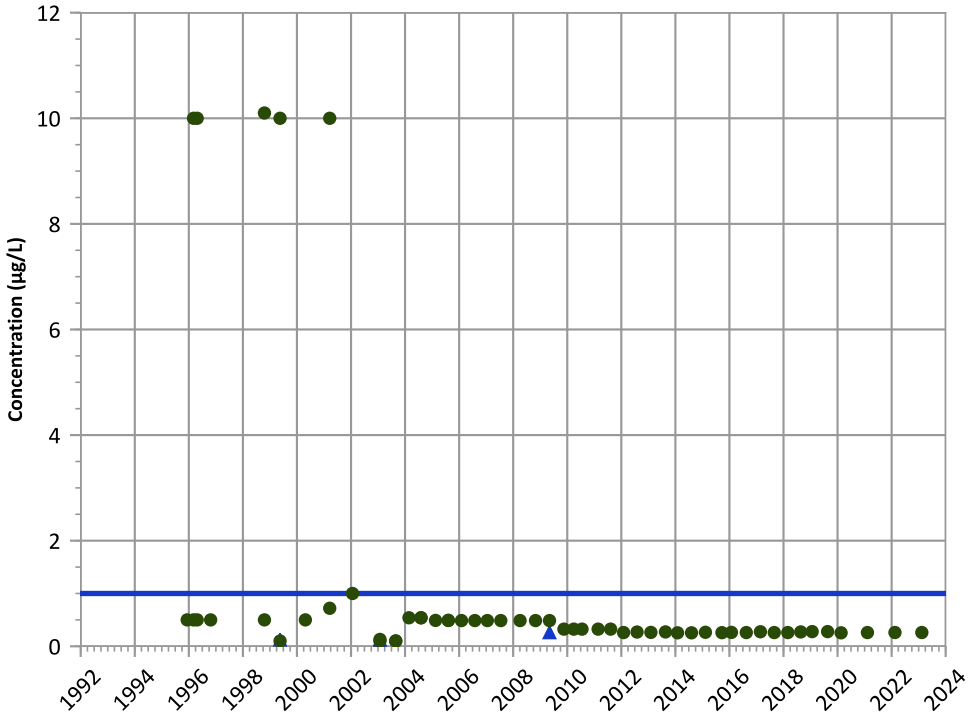
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

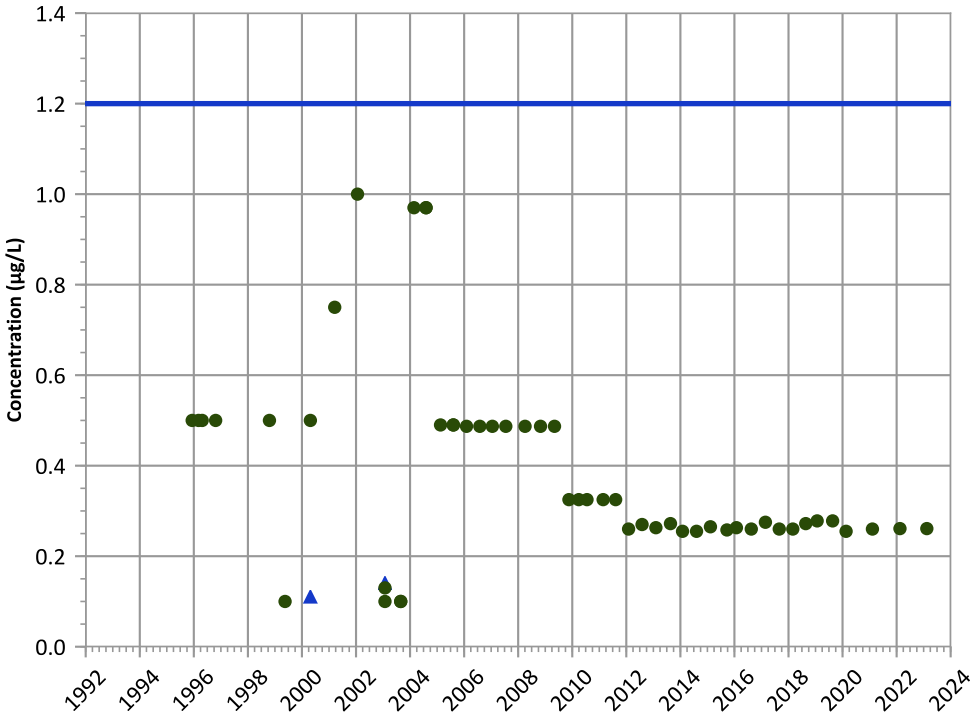


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

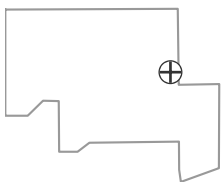
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

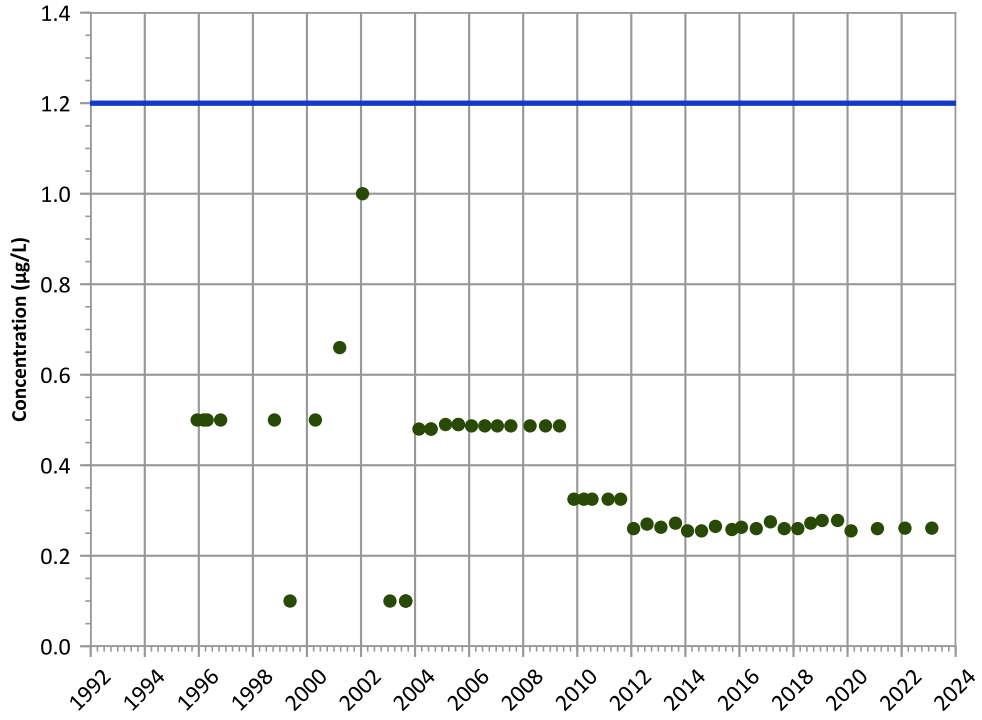
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

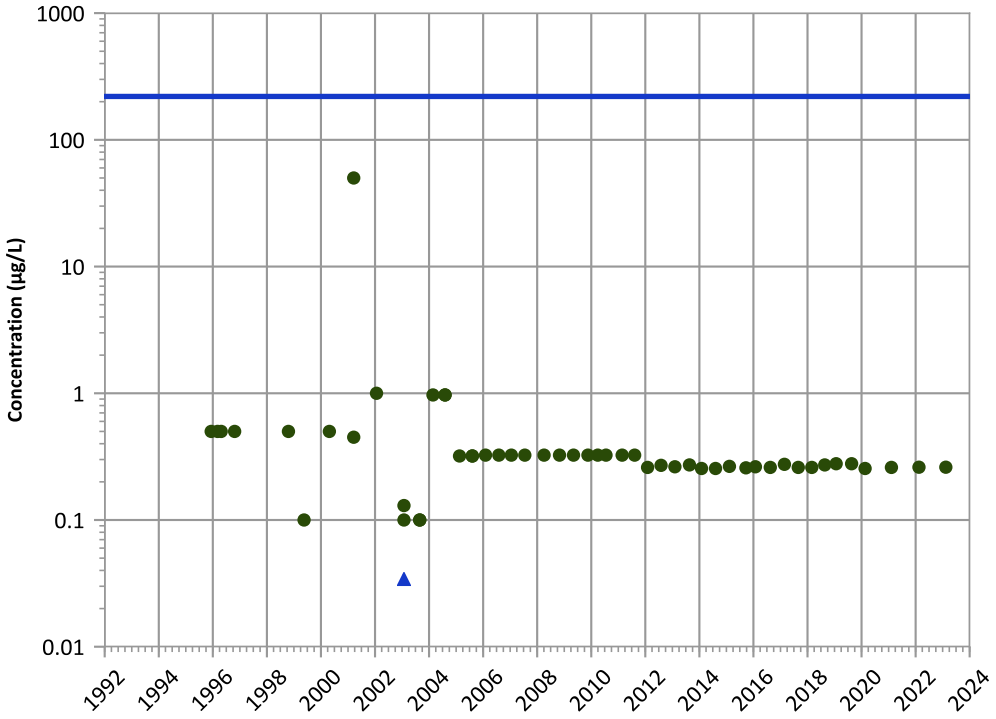


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

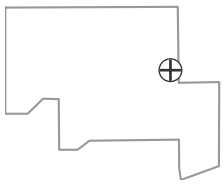
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

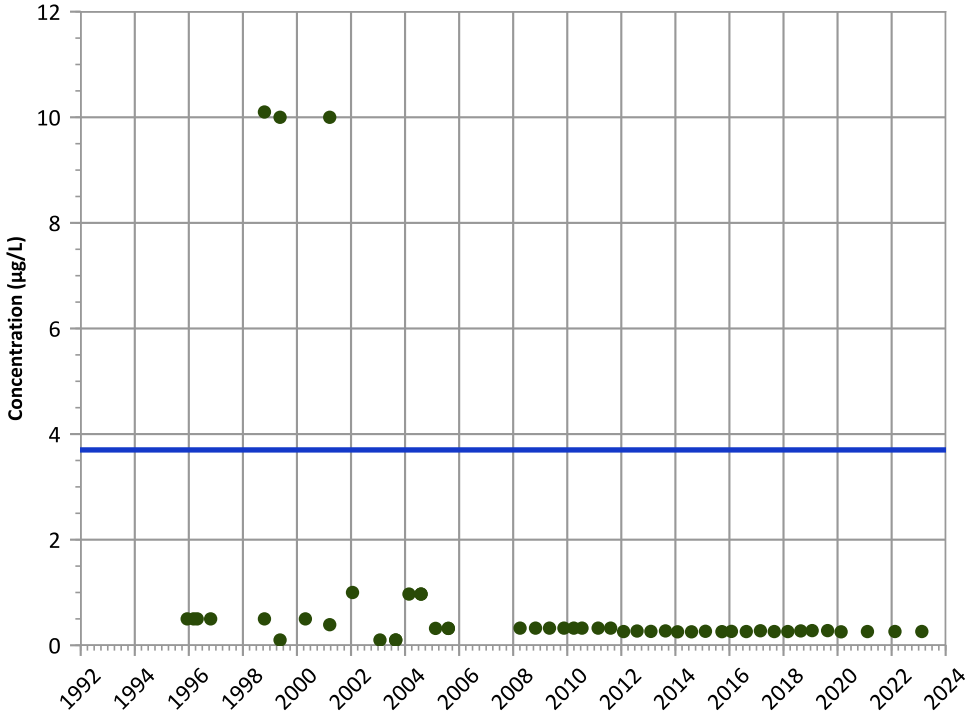
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

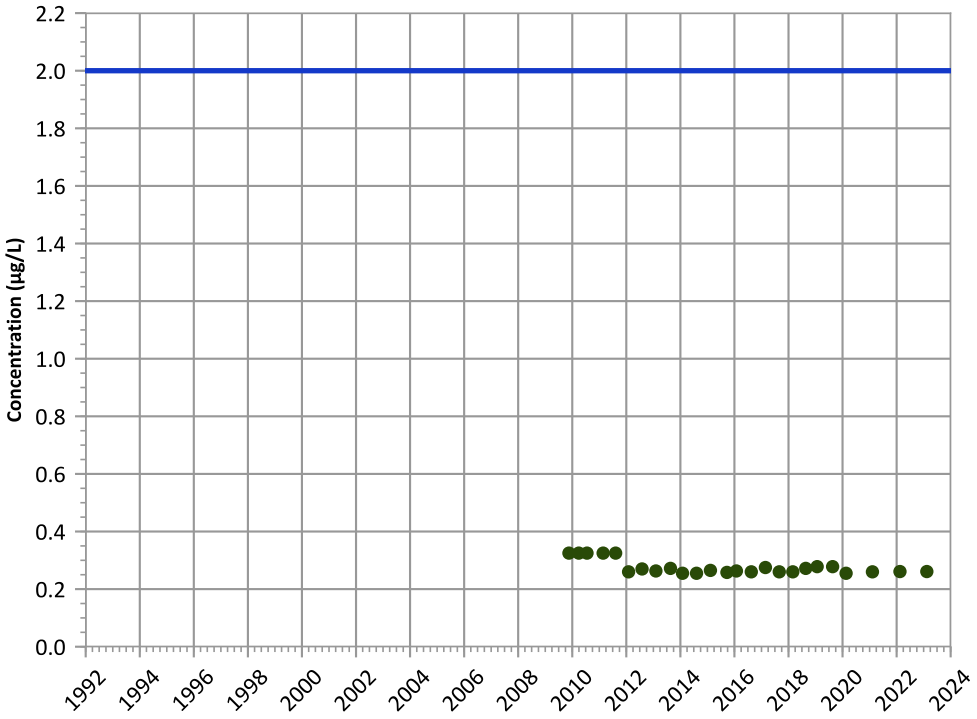


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

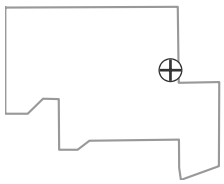
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

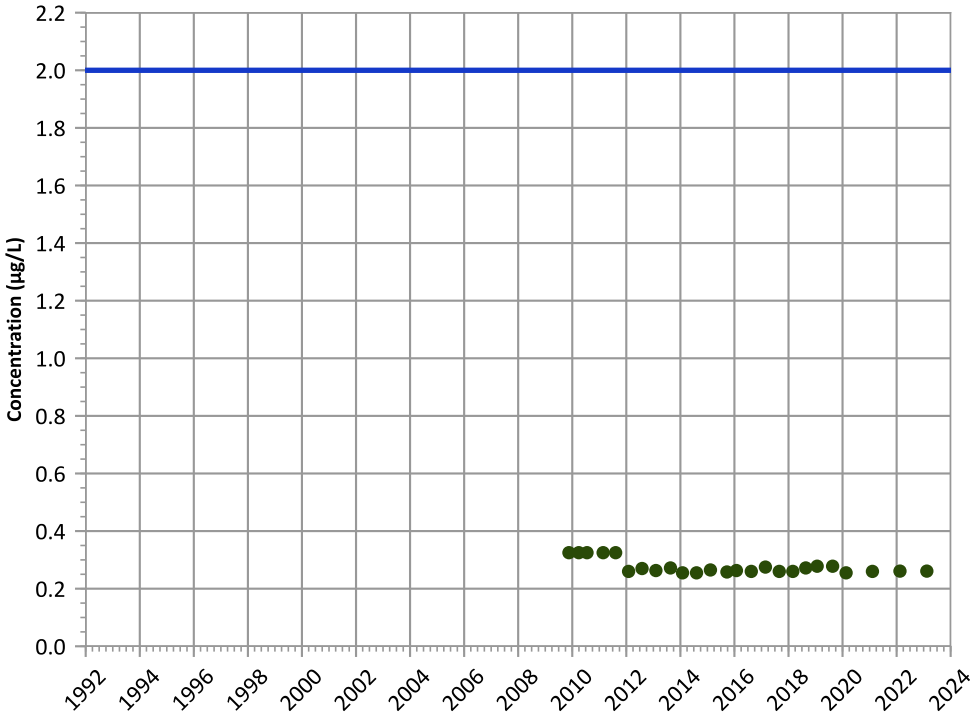
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

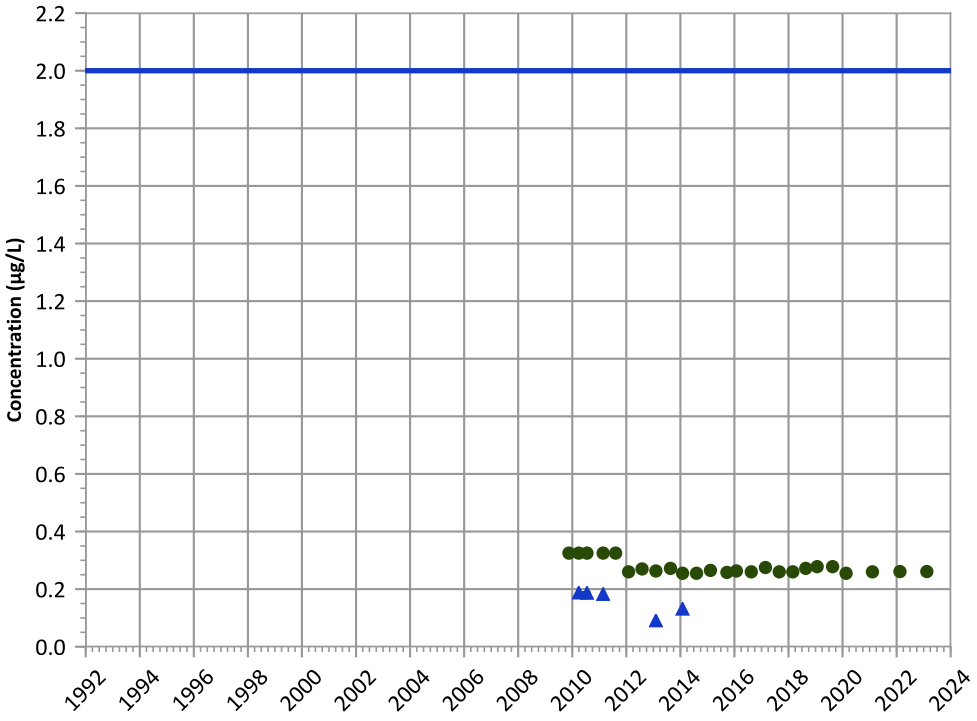


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

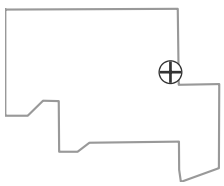
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

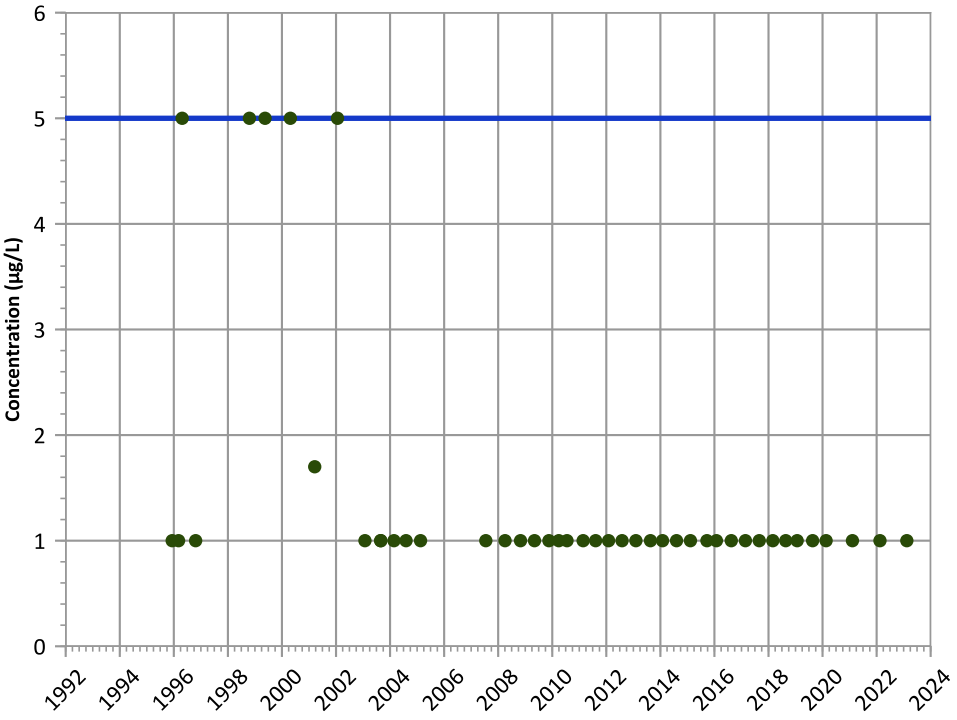
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

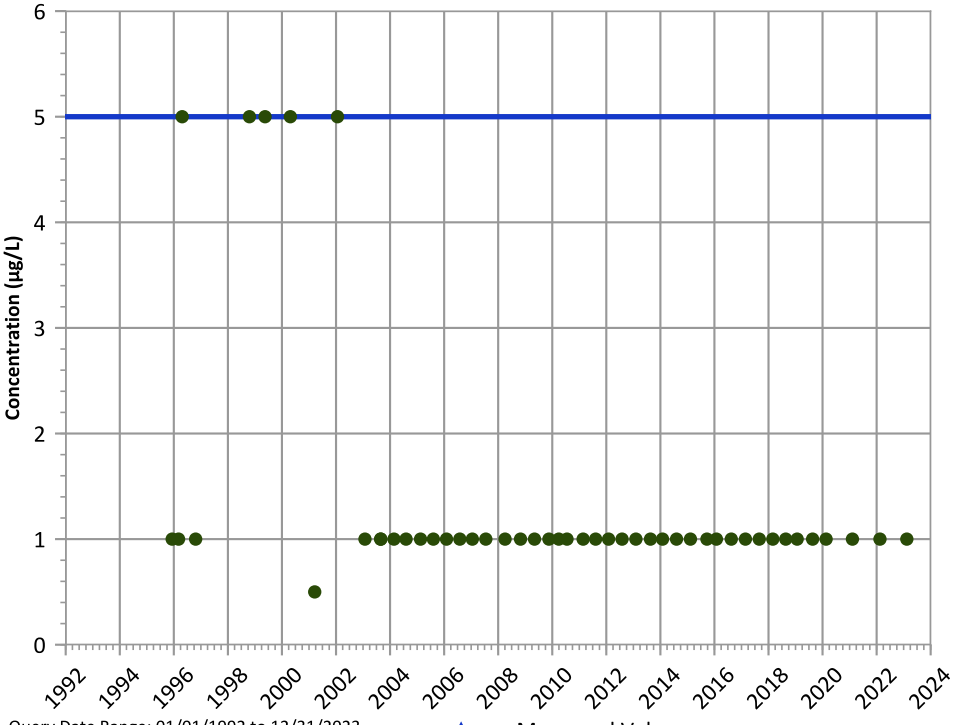
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



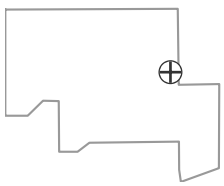
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

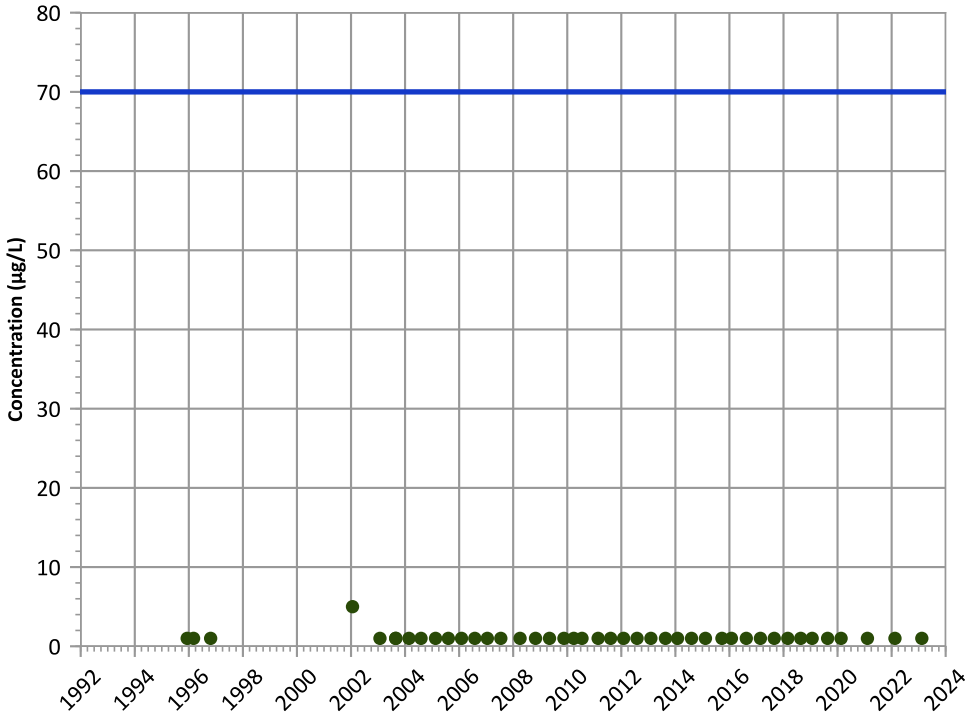
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

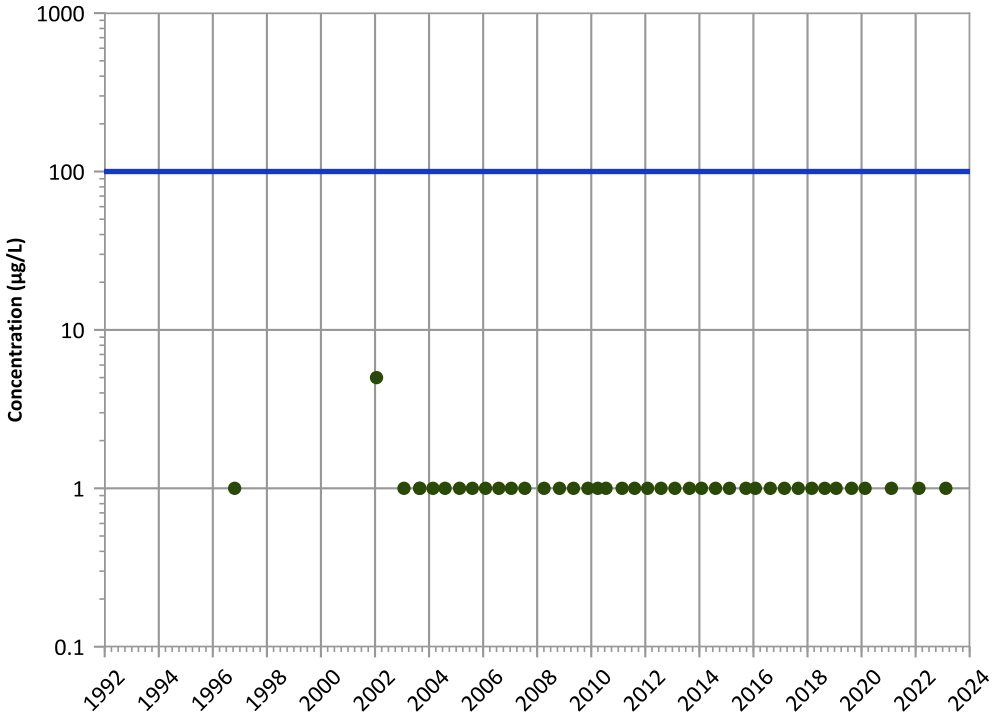
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



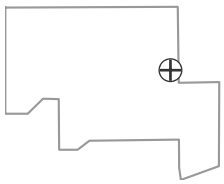
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

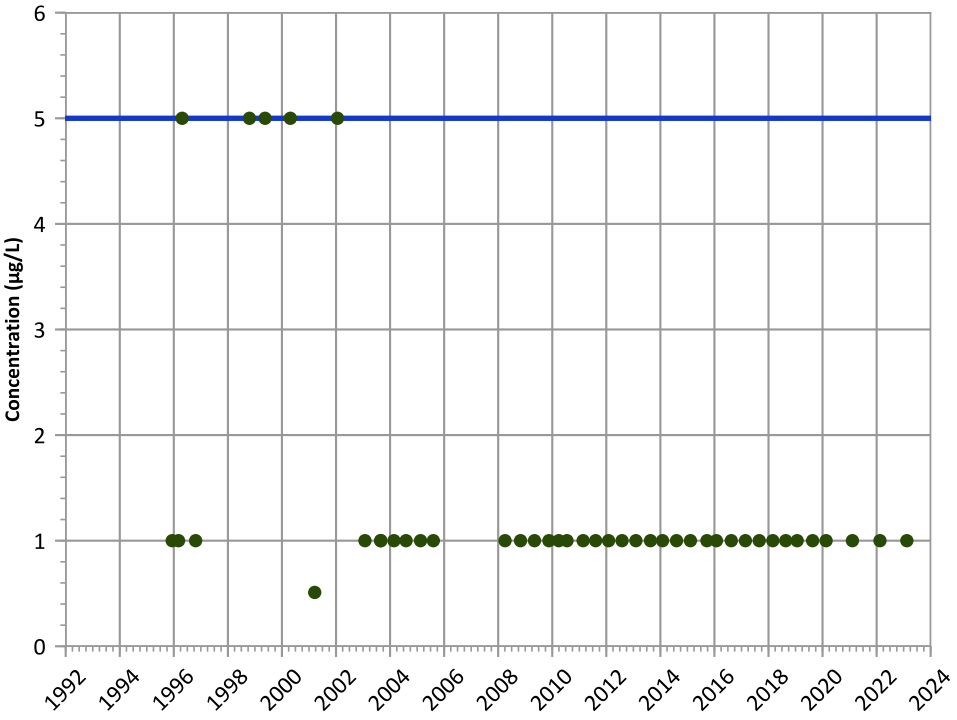
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

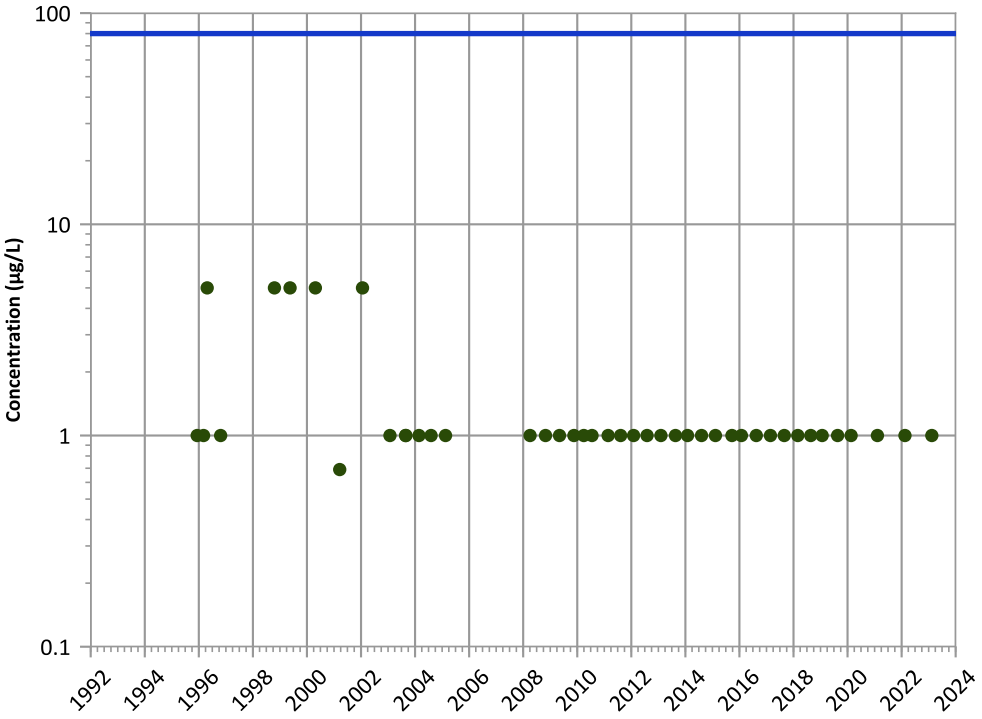


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

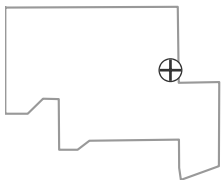
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

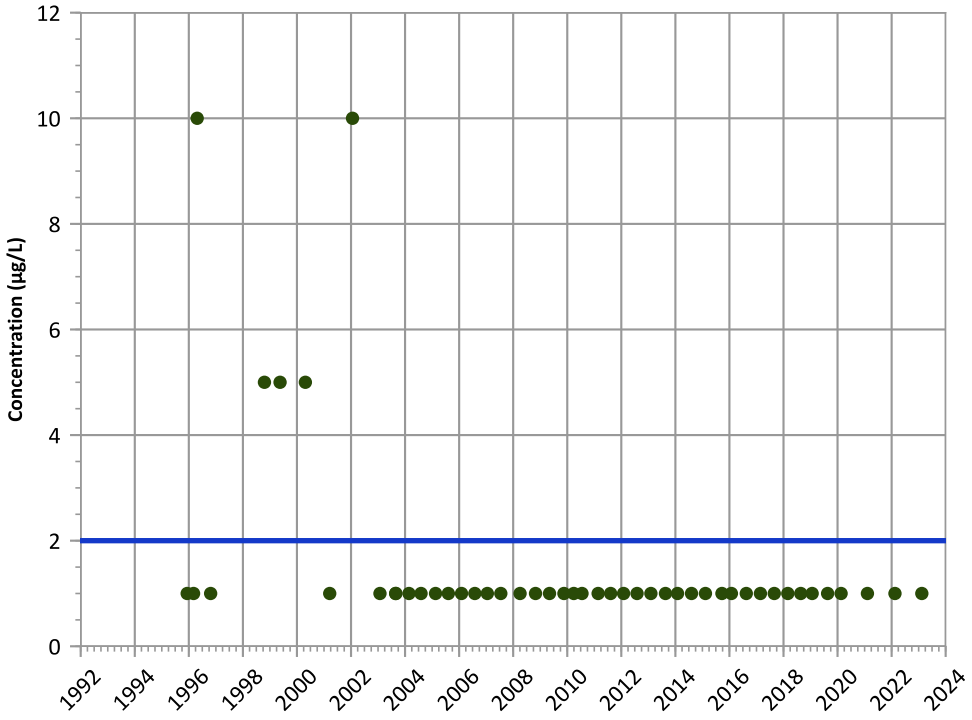
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

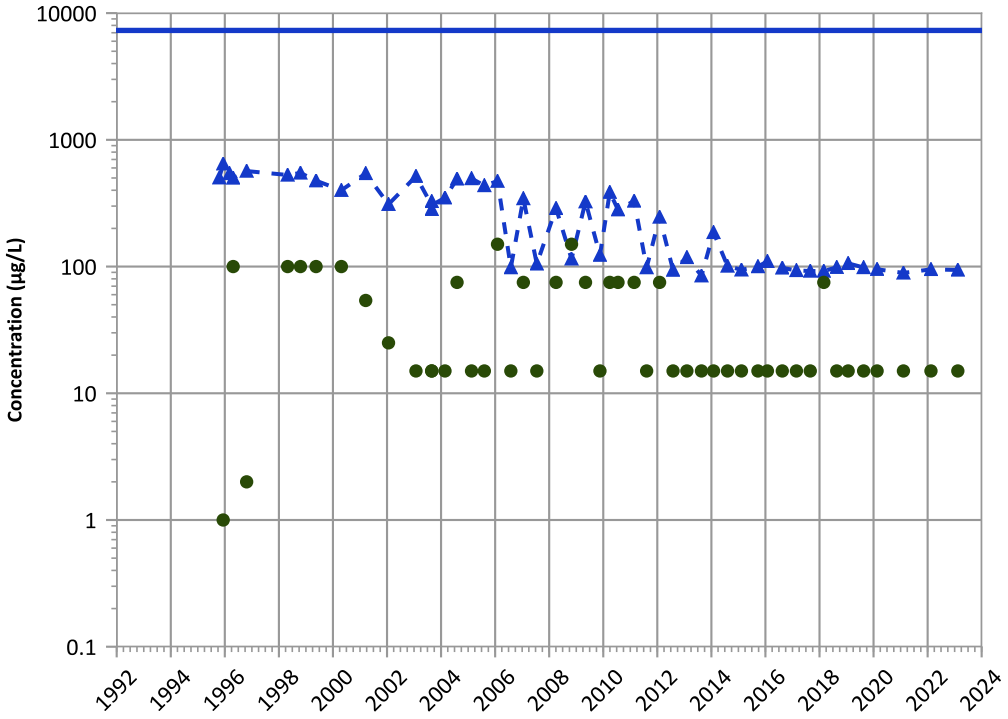


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

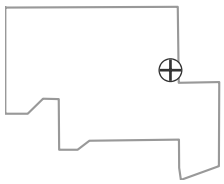
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

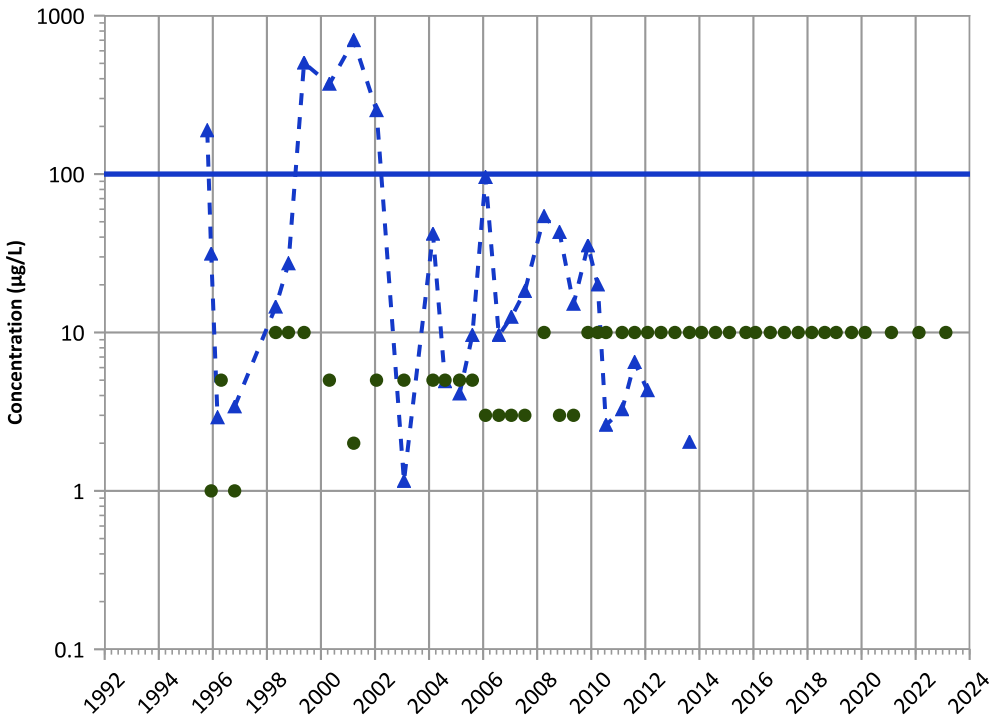
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

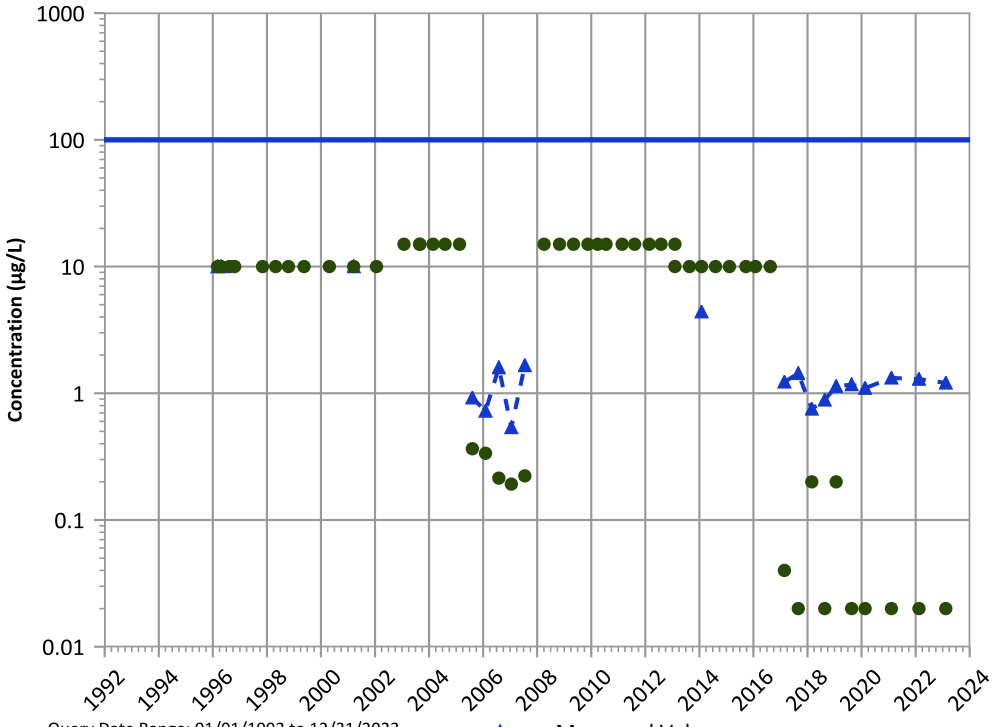


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

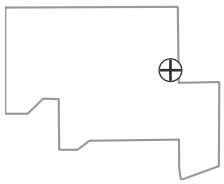
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

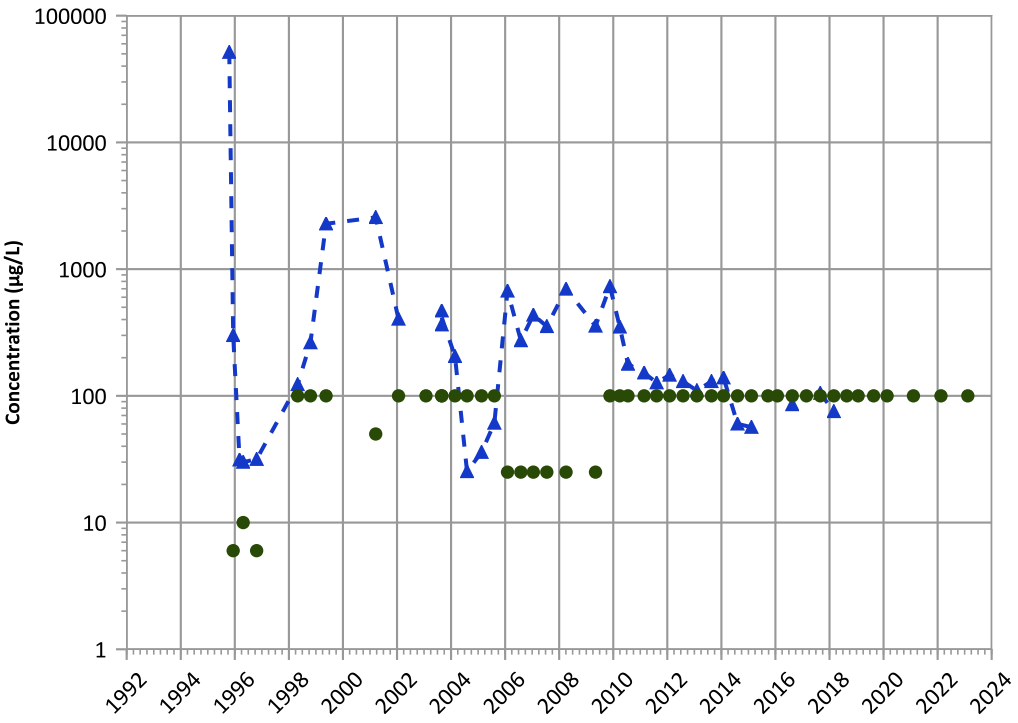
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

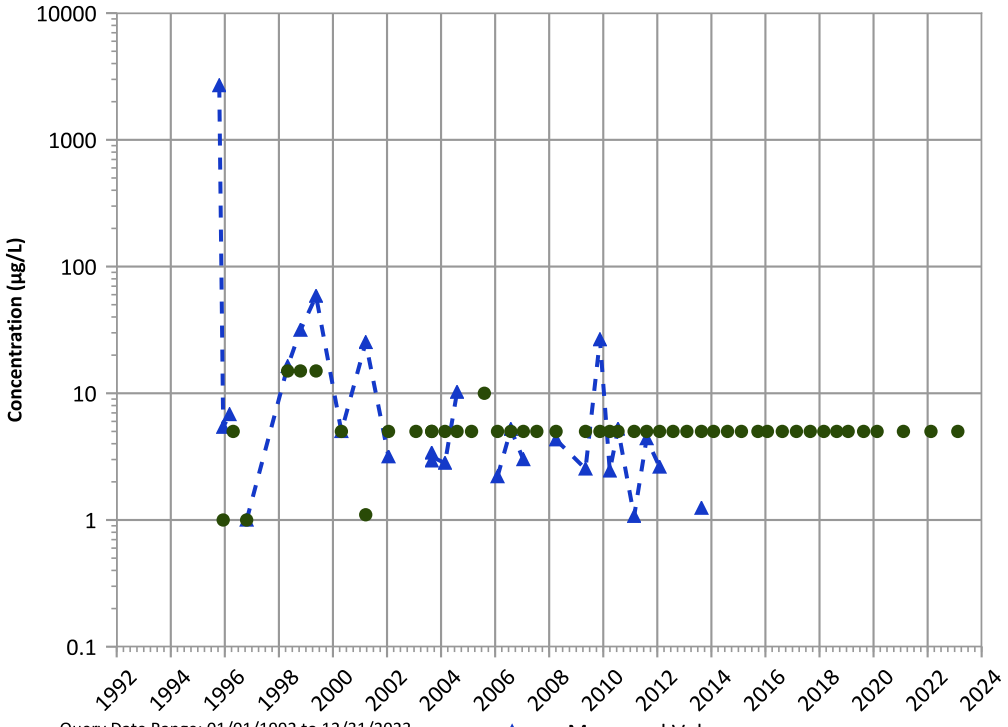
Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



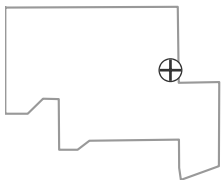
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

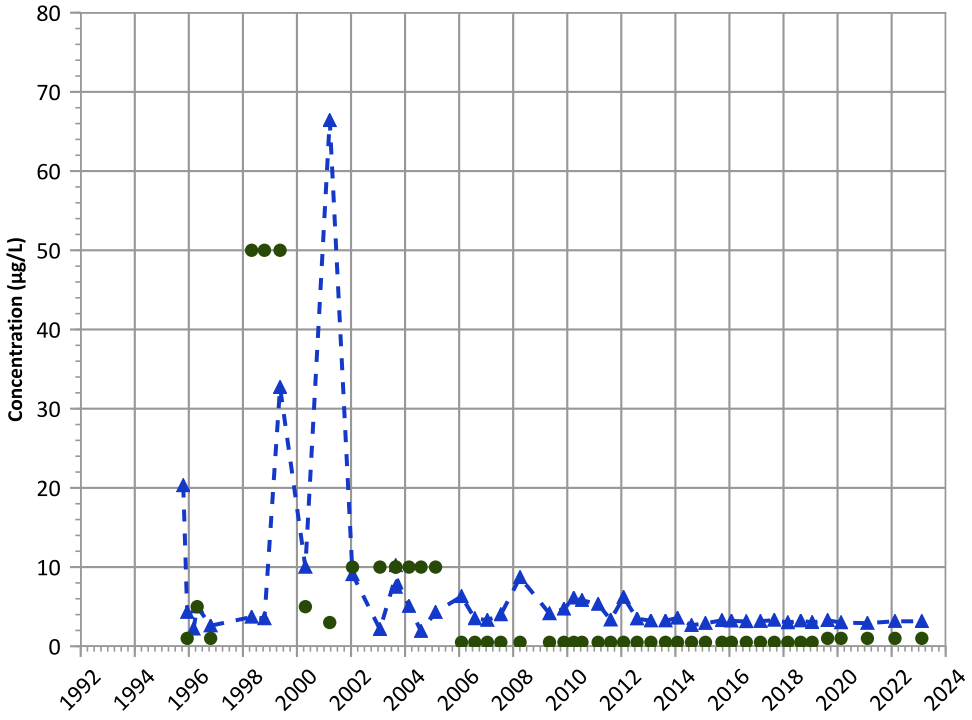
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

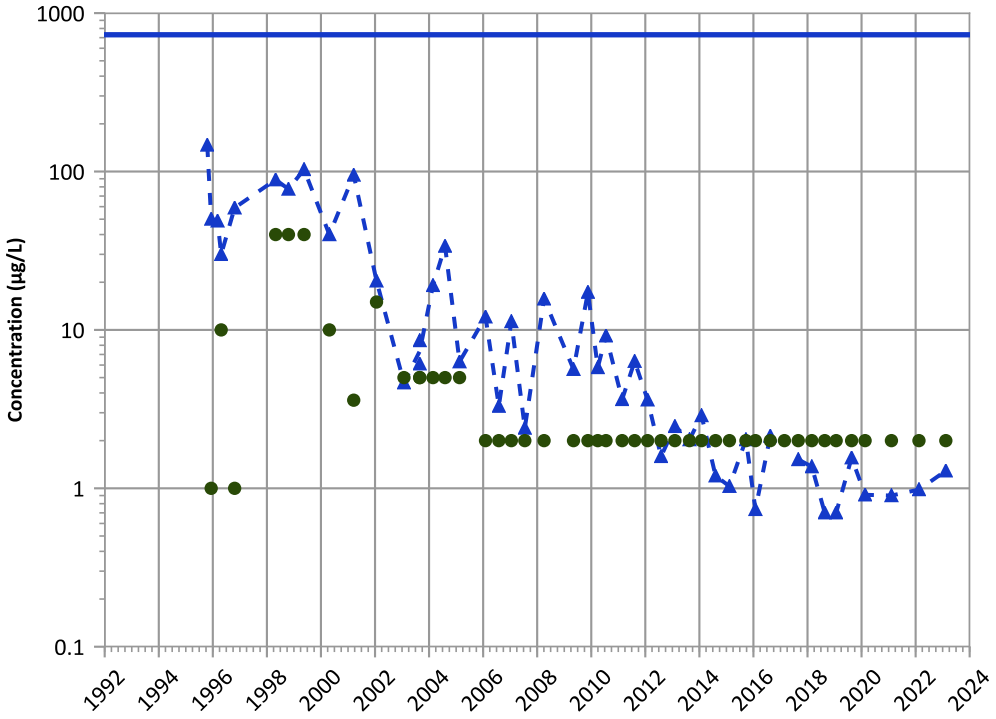


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Nickel Trend



Concentration Trend

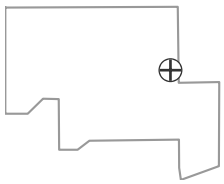
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

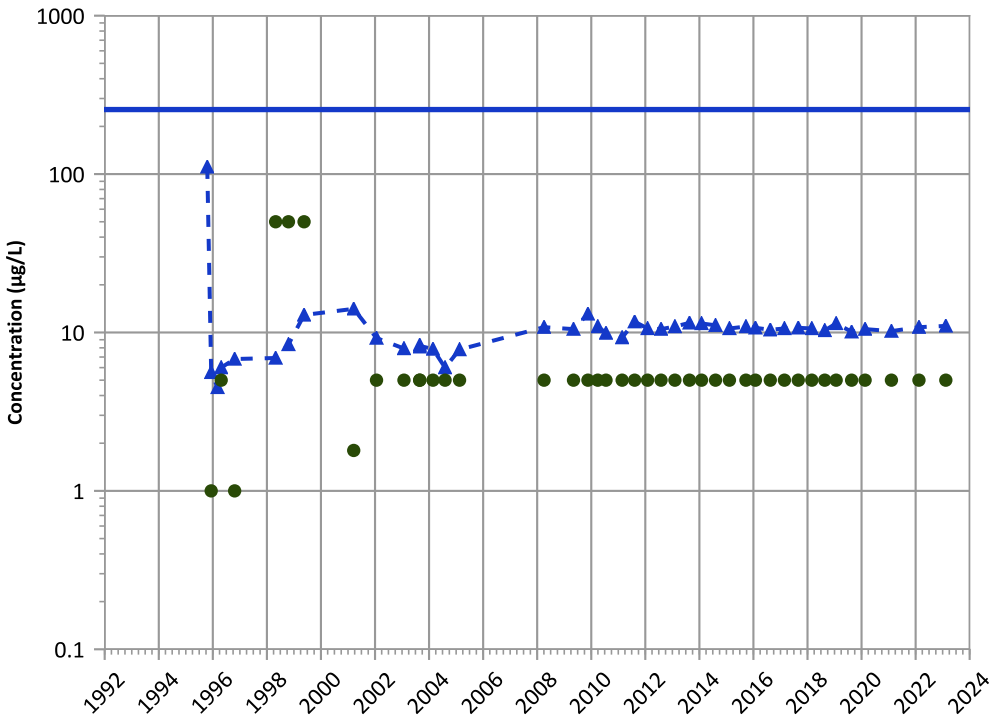
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

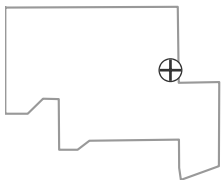
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

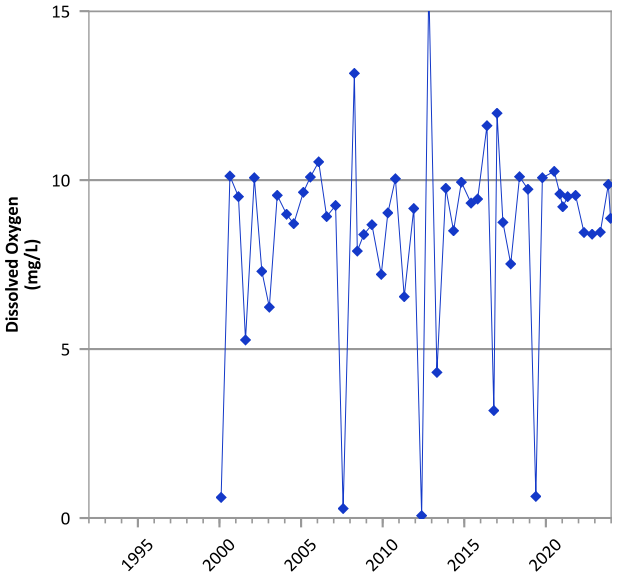
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/18/1995 to 02/13/2023
Analysis Date: 04/01/2024

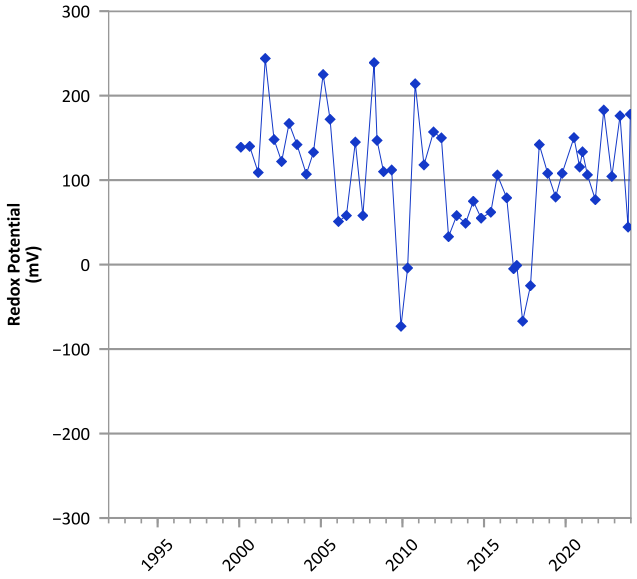
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

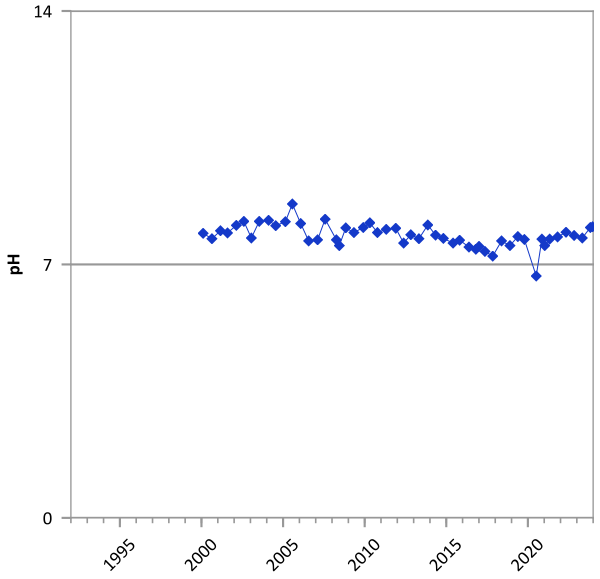
Well Location

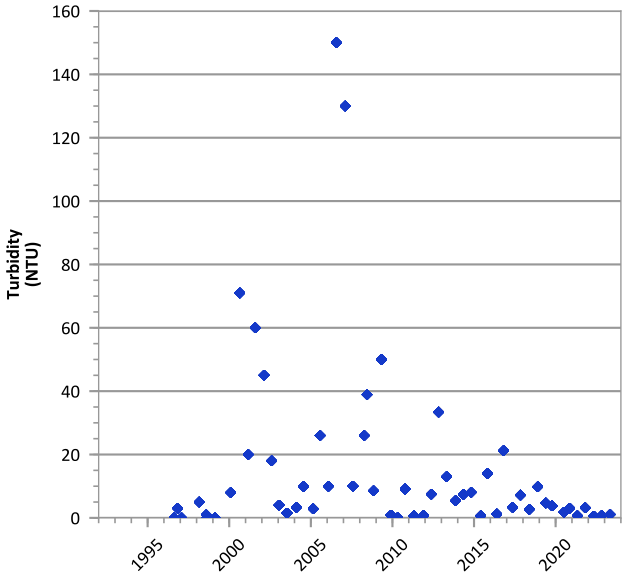


PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

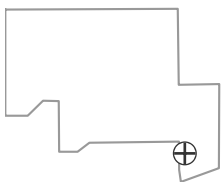






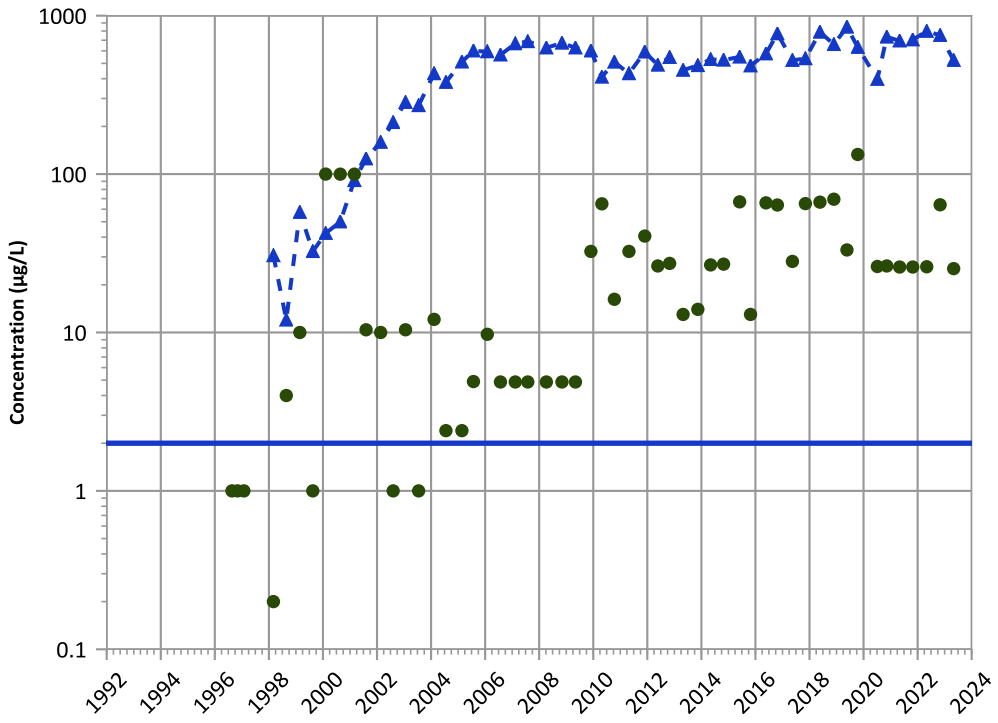


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

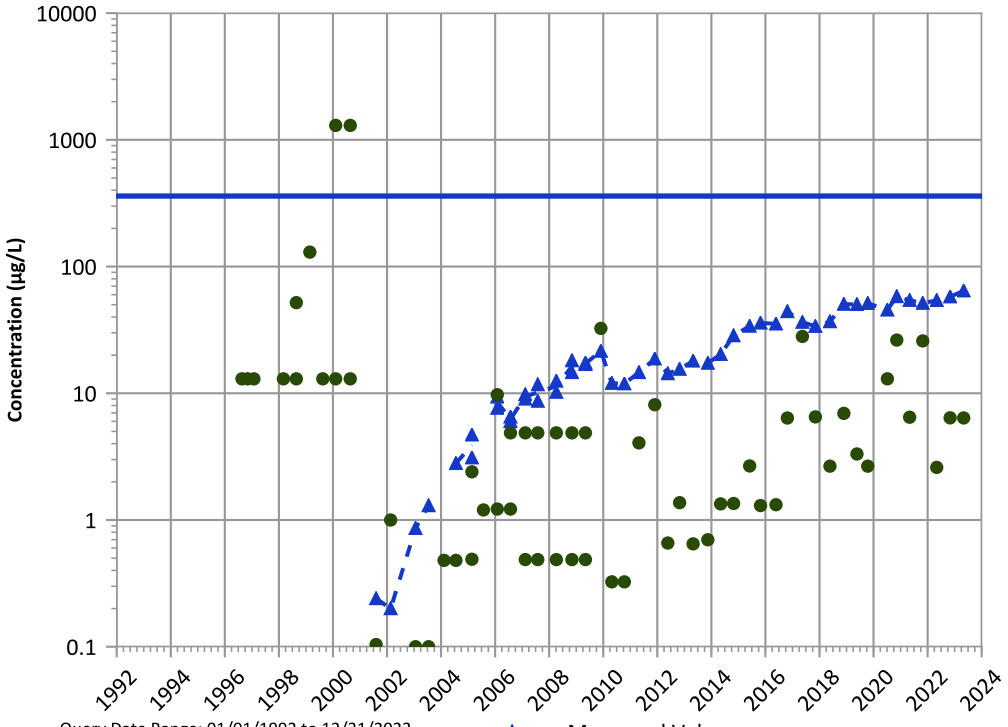


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

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



Concentration Trend

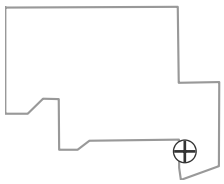
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

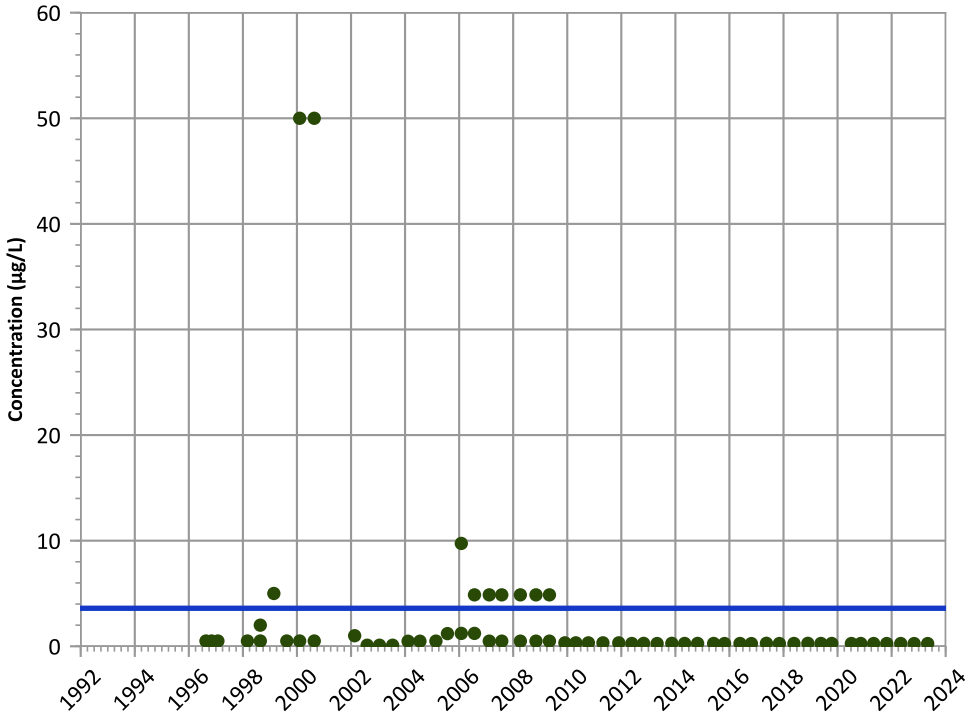
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

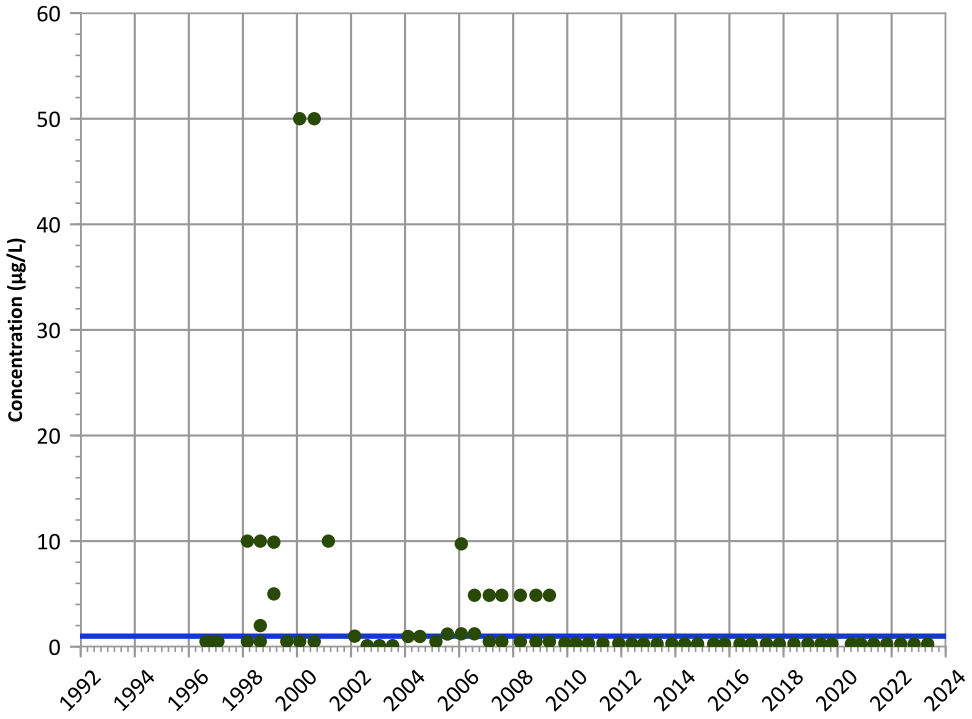


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

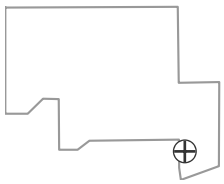
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

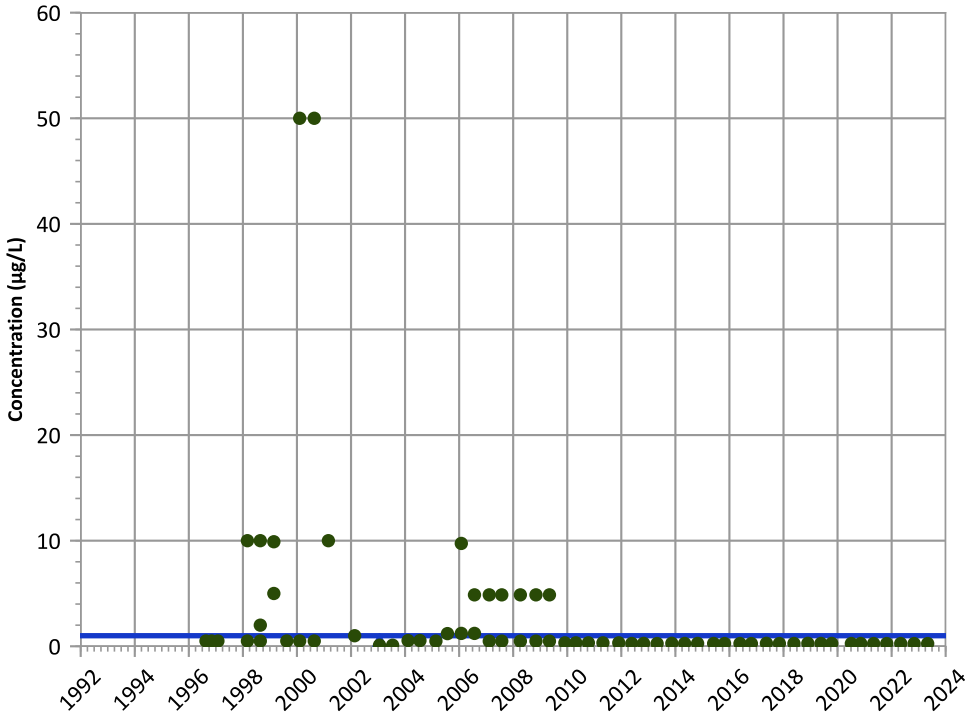
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

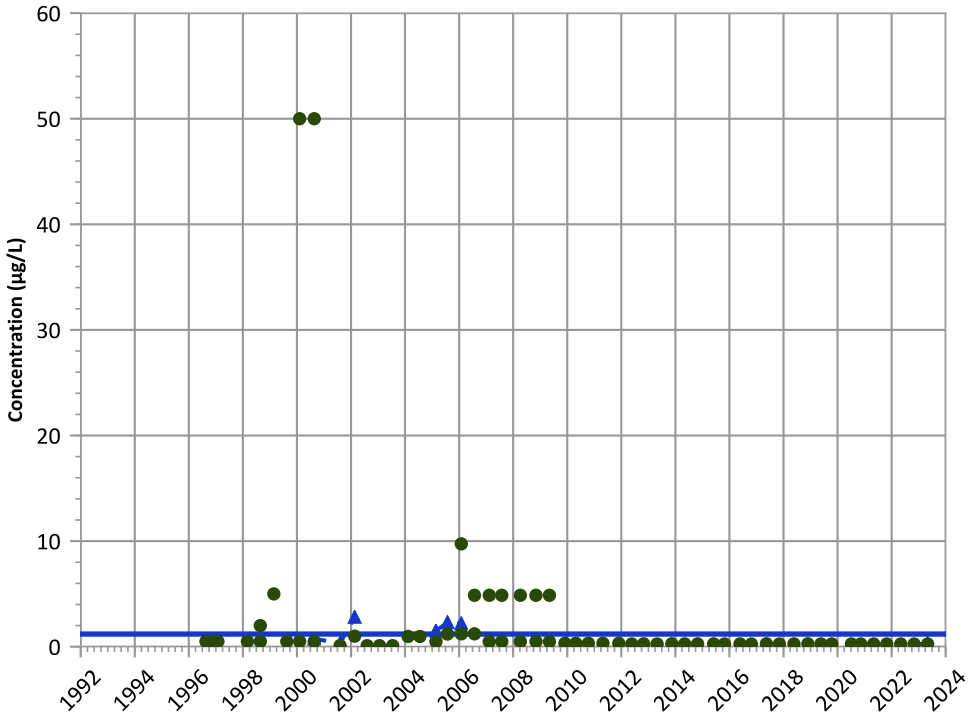


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

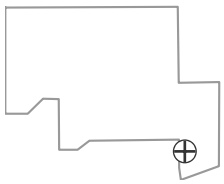
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

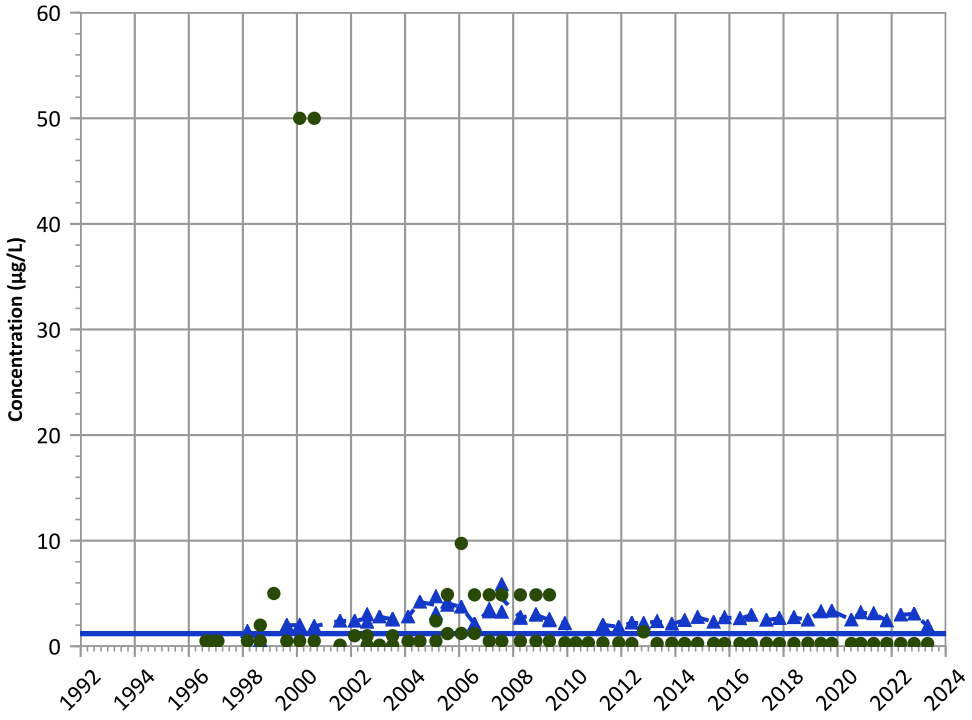
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

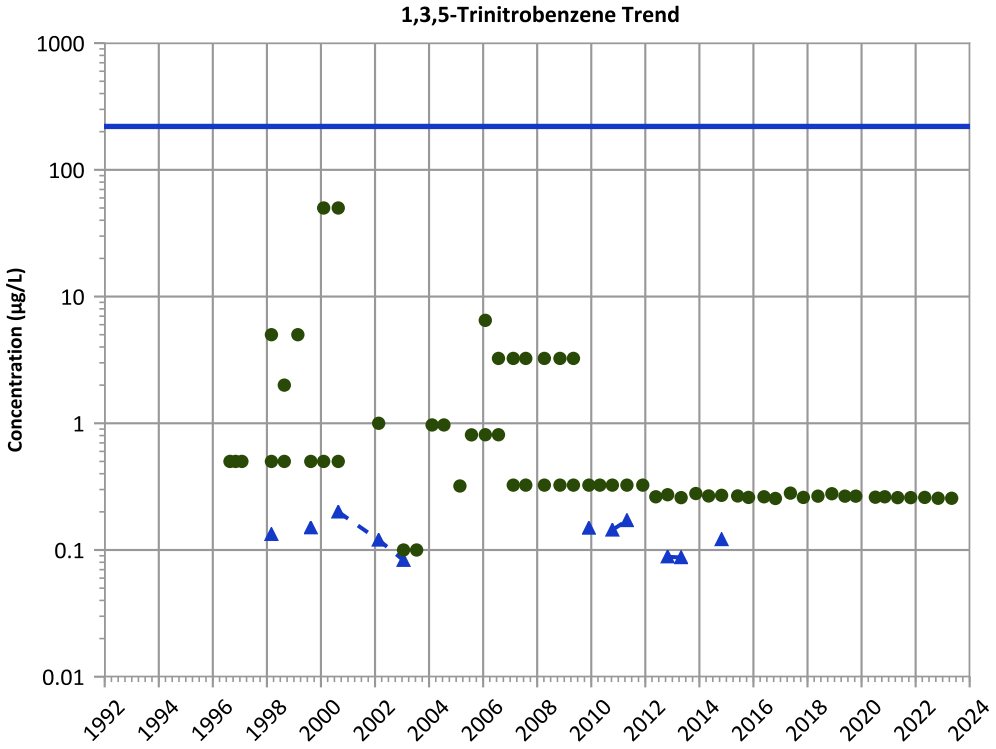


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

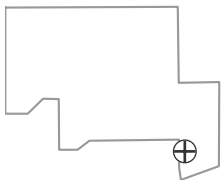
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

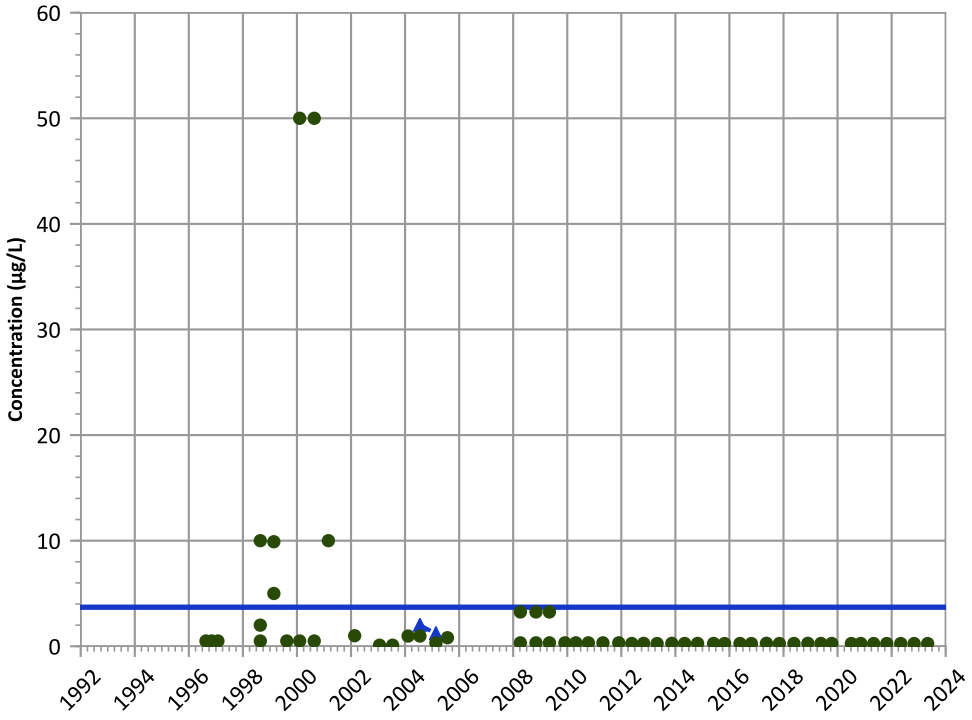
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

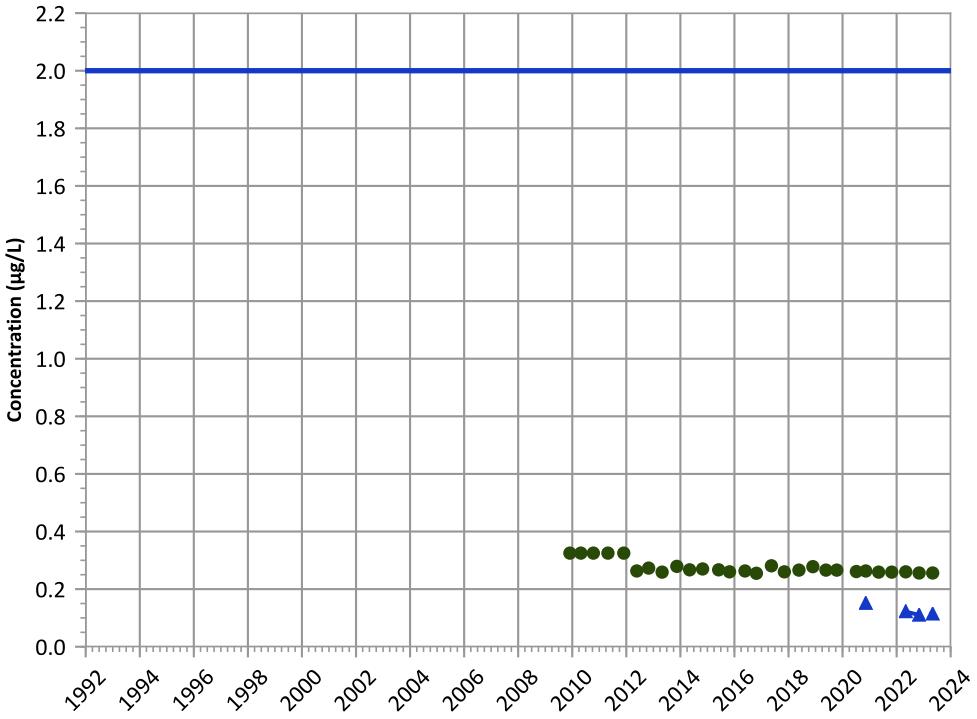


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

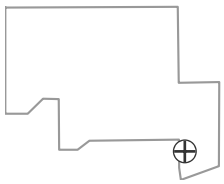
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

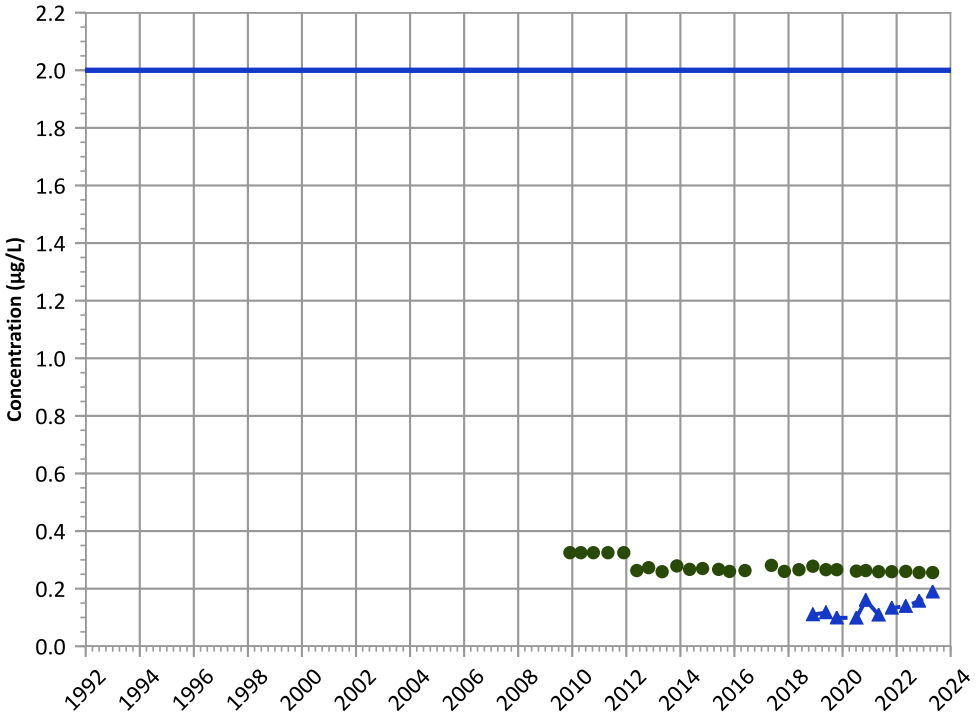
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

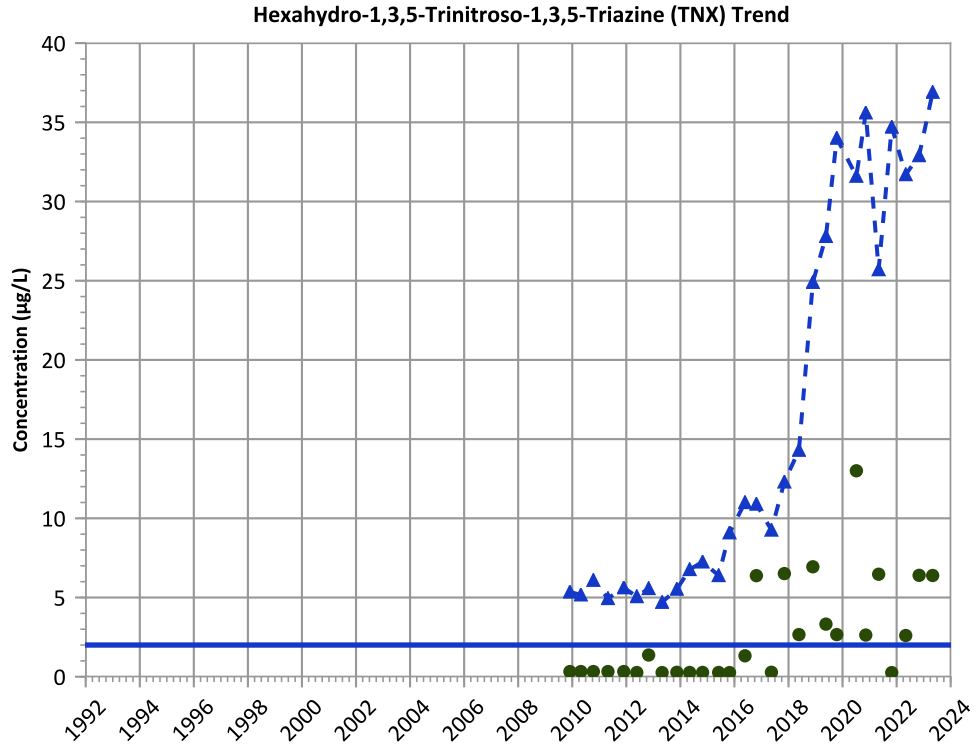


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

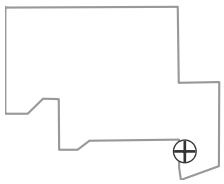
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

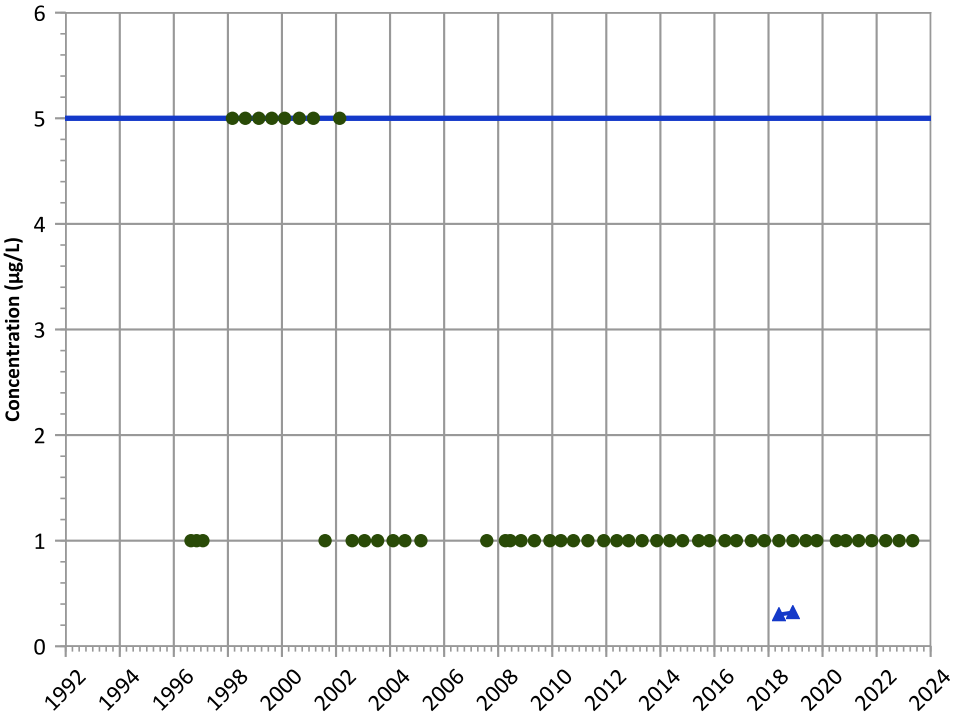
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

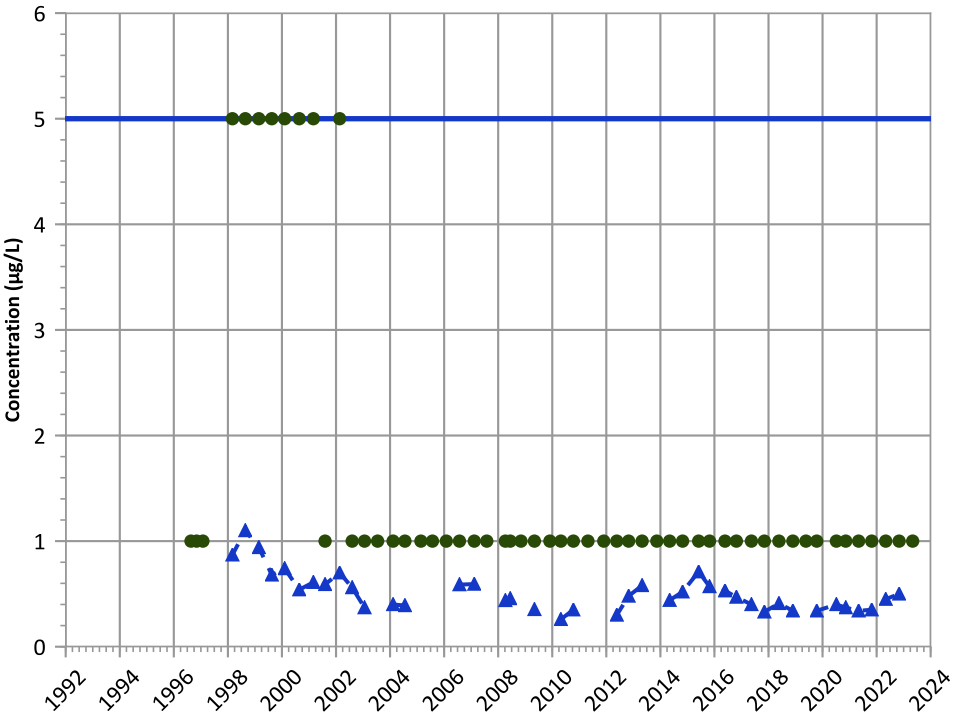


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

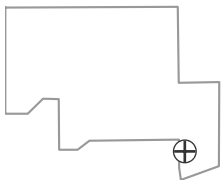
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

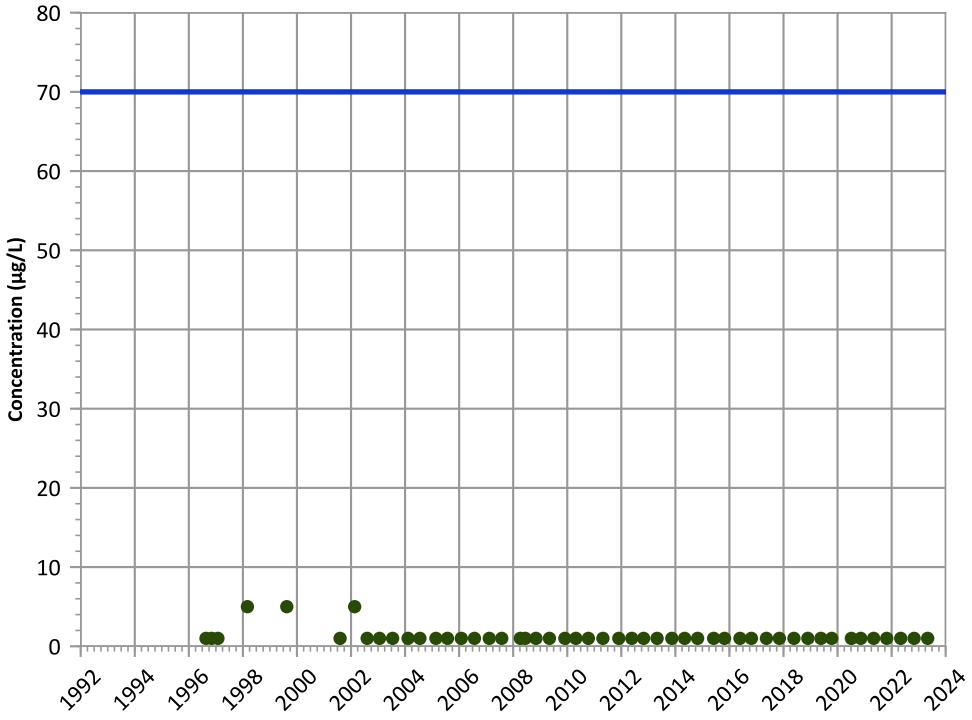
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

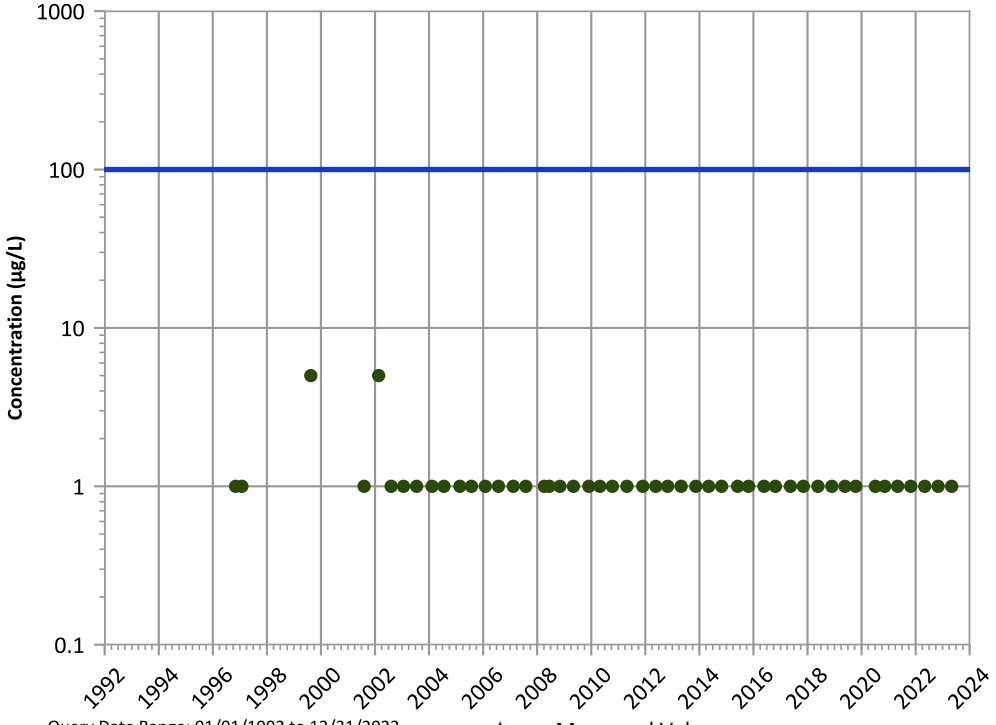
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



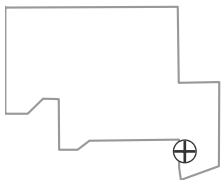
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

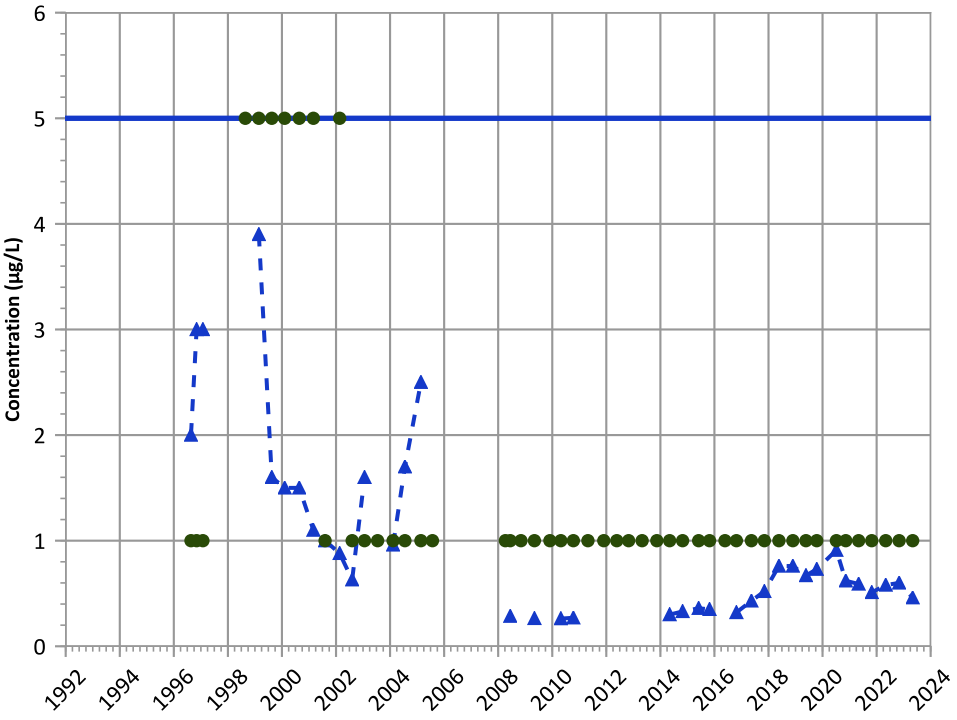
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

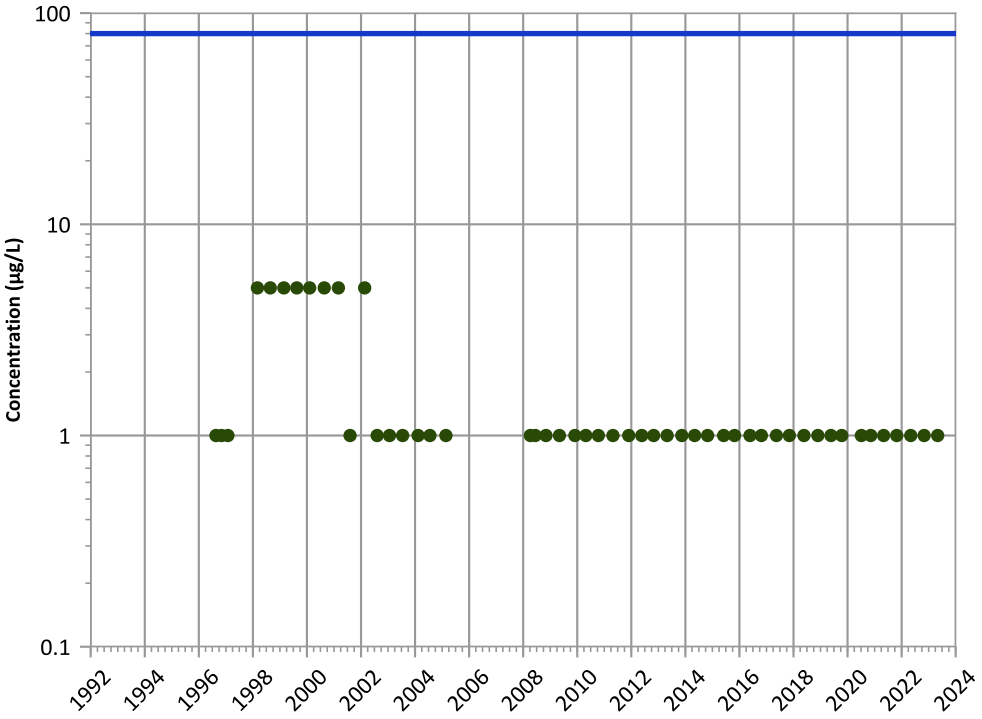


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

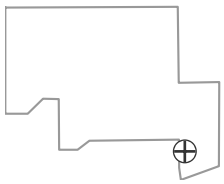
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

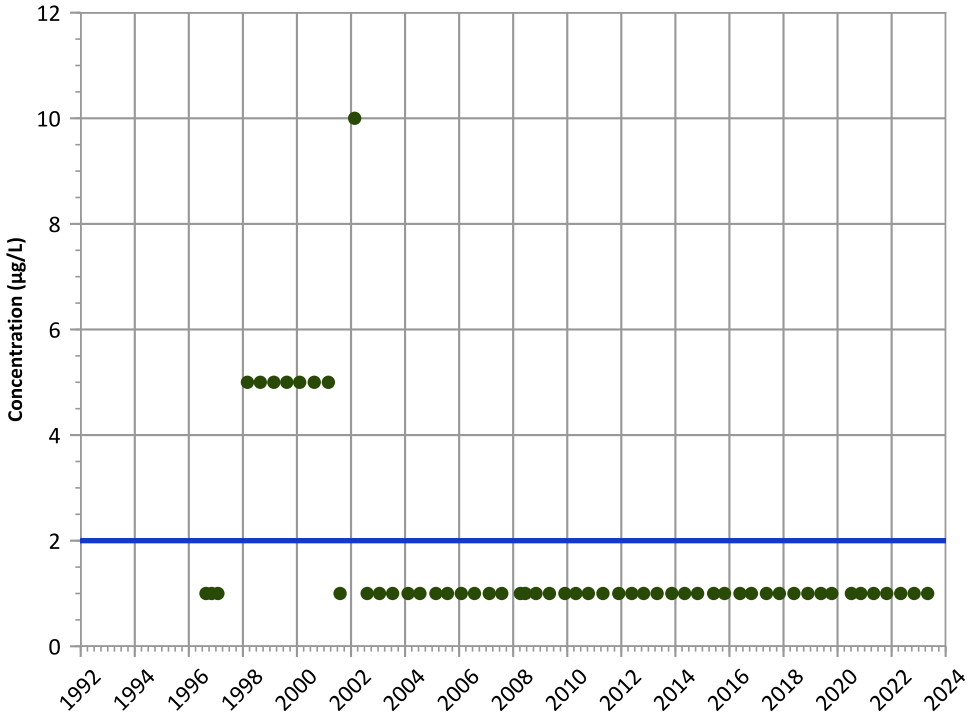
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

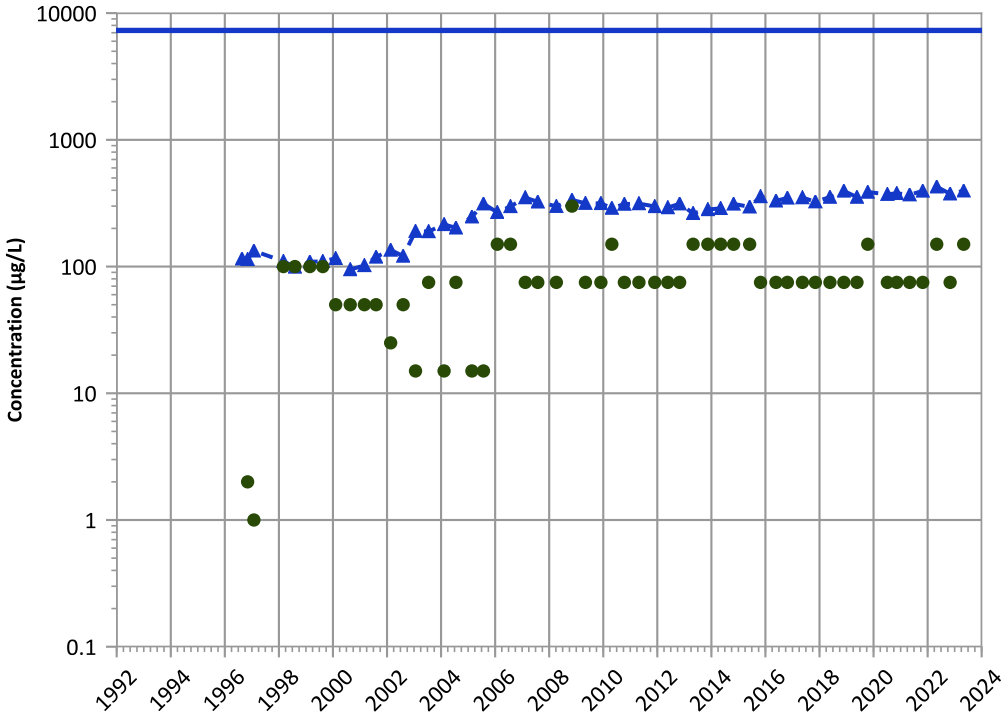


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

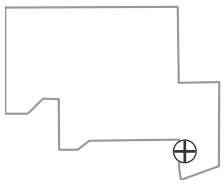
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

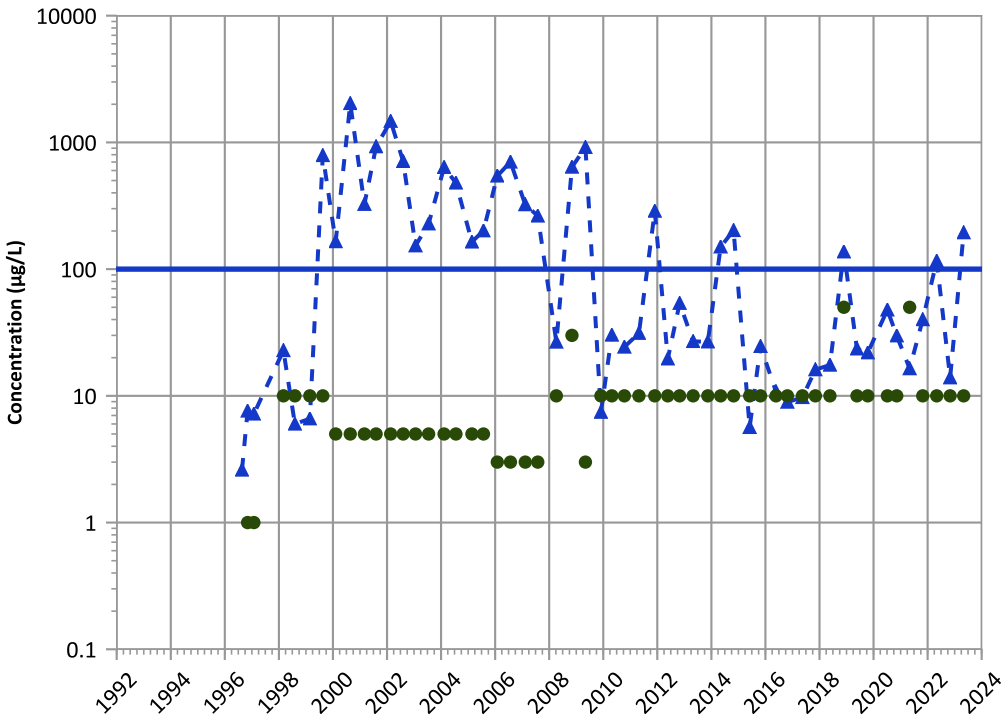
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

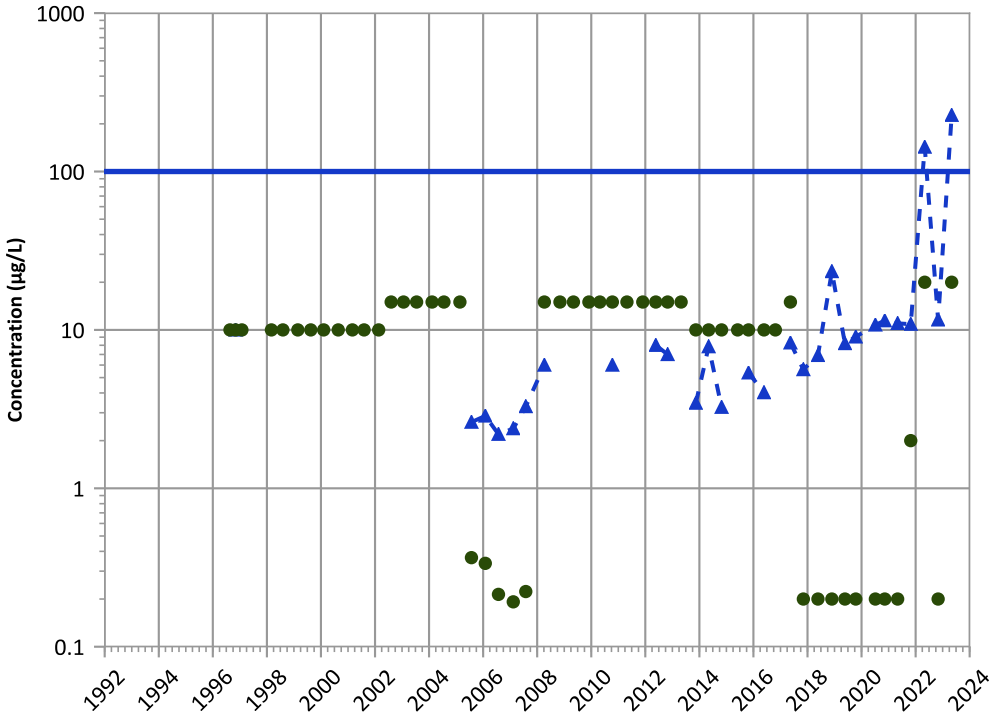


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

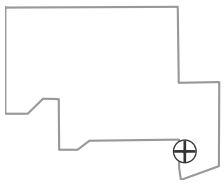
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

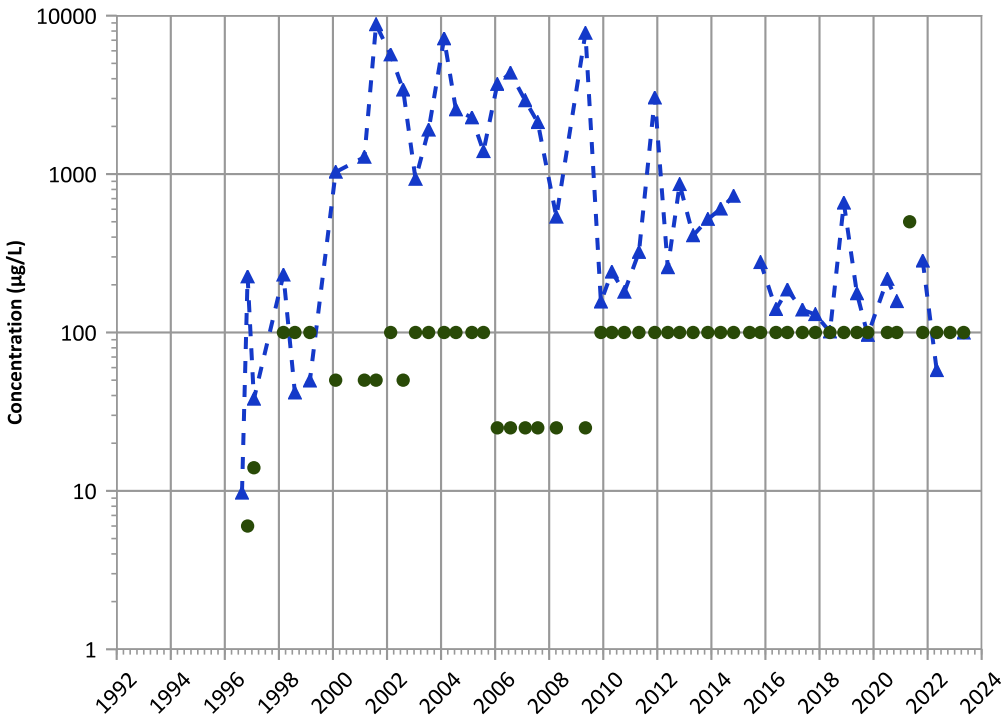
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

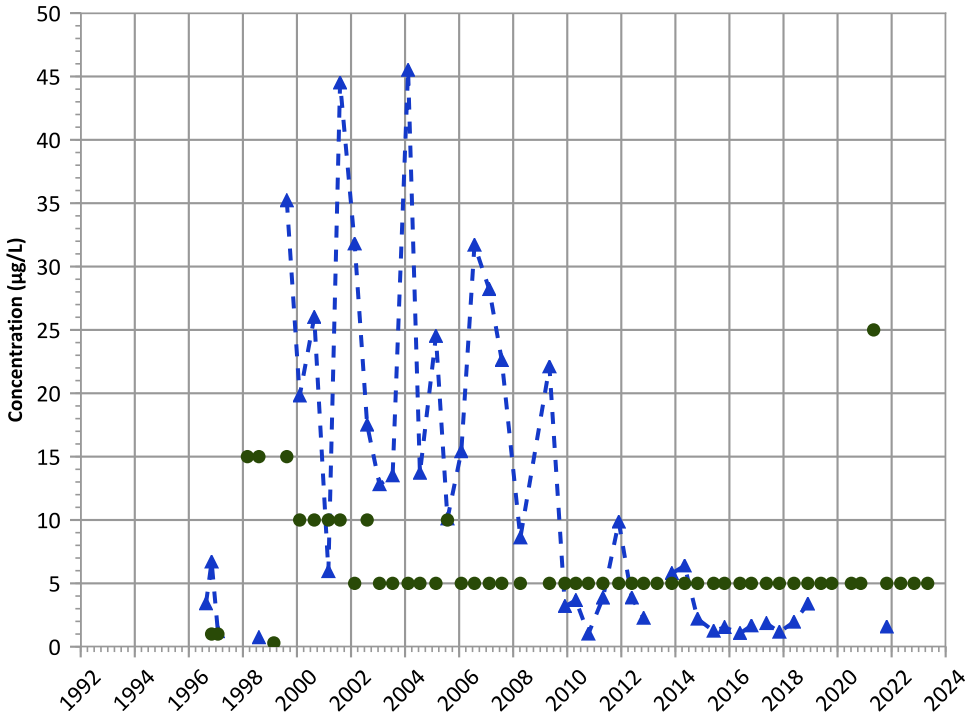


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

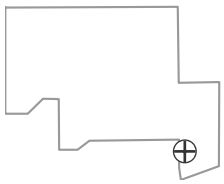
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

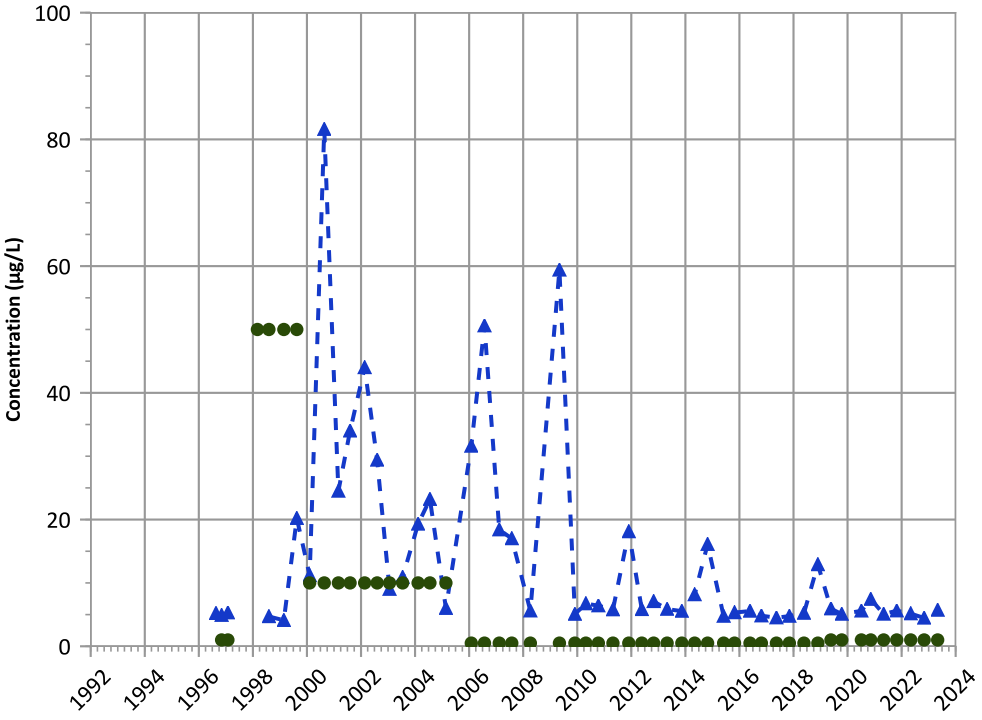
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

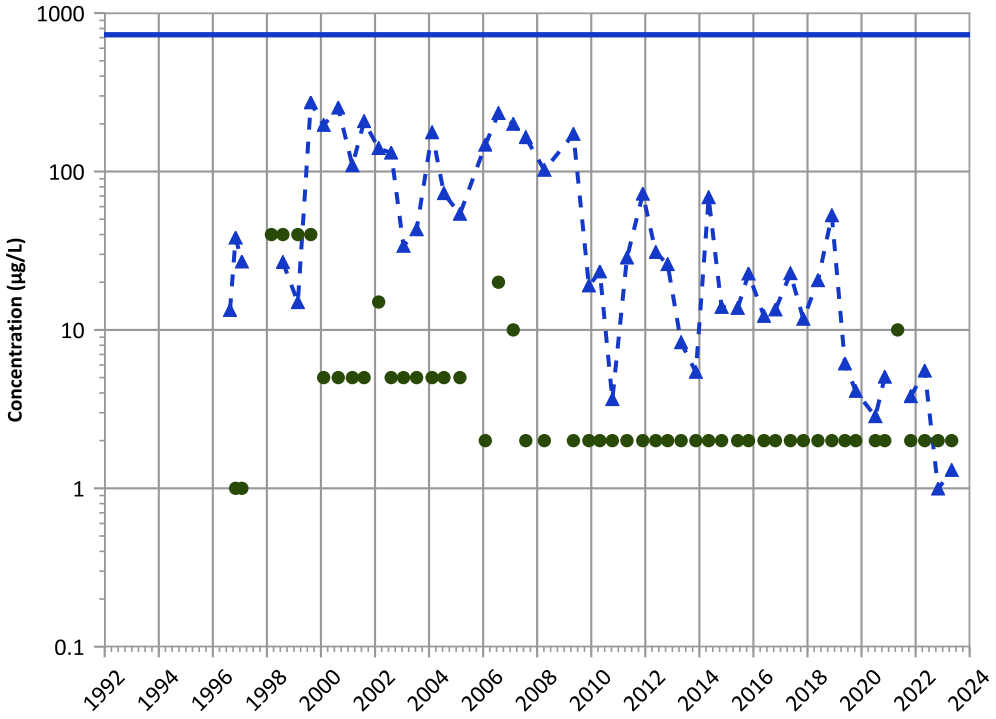


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Nickel Trend



Concentration Trend

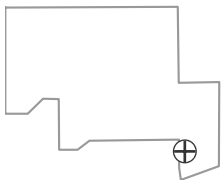
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

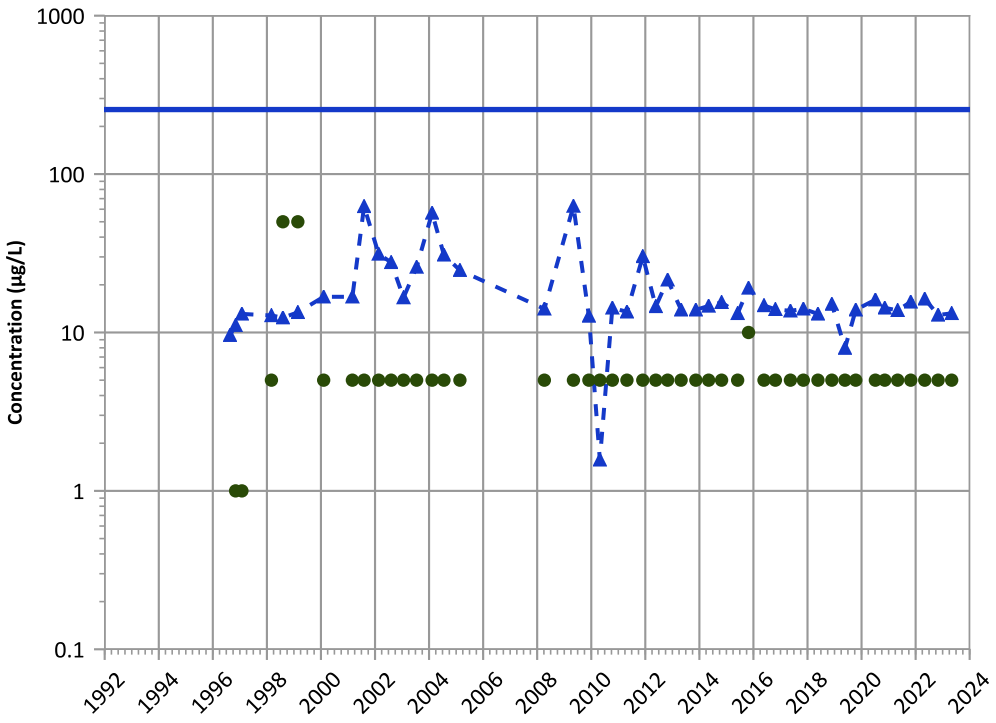
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

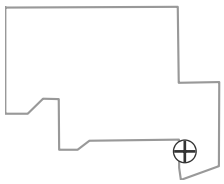
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

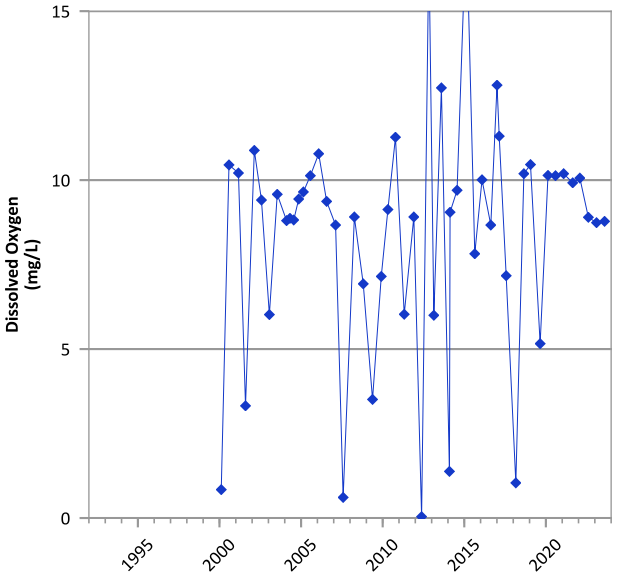
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/1996 to 05/03/2023
Analysis Date: 04/01/2024

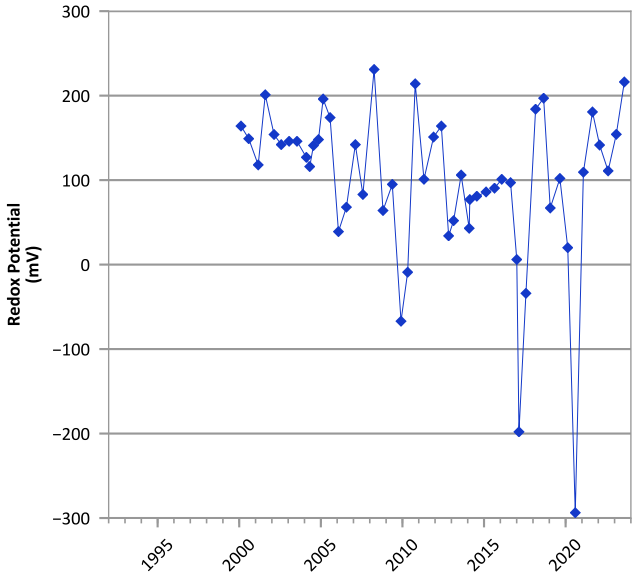
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

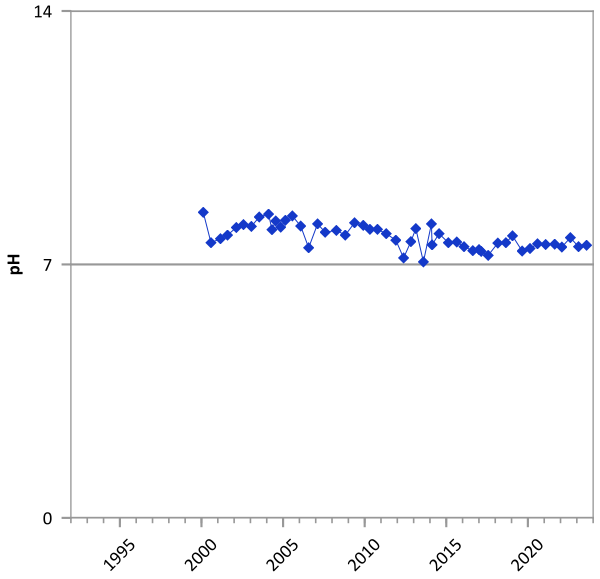
Well Location

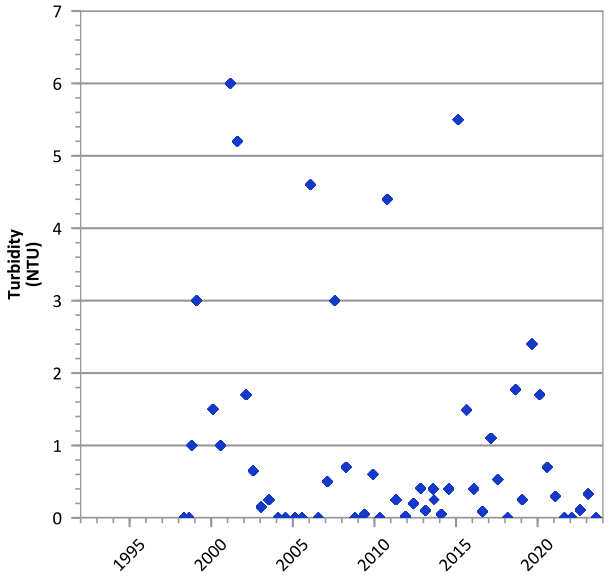


PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

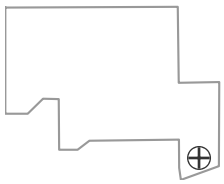






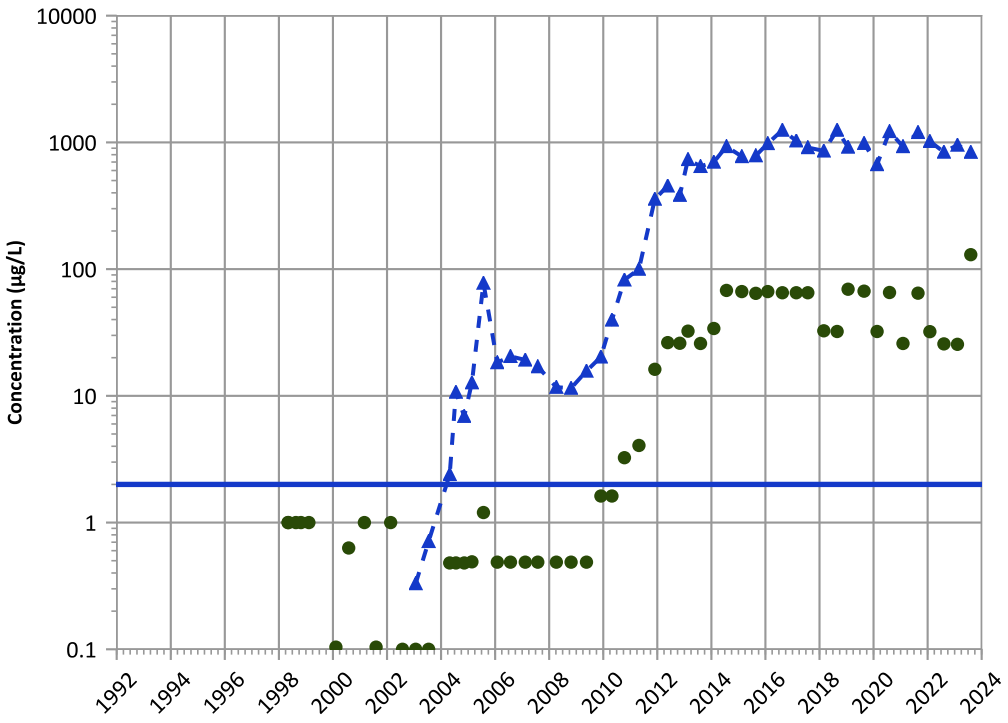


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

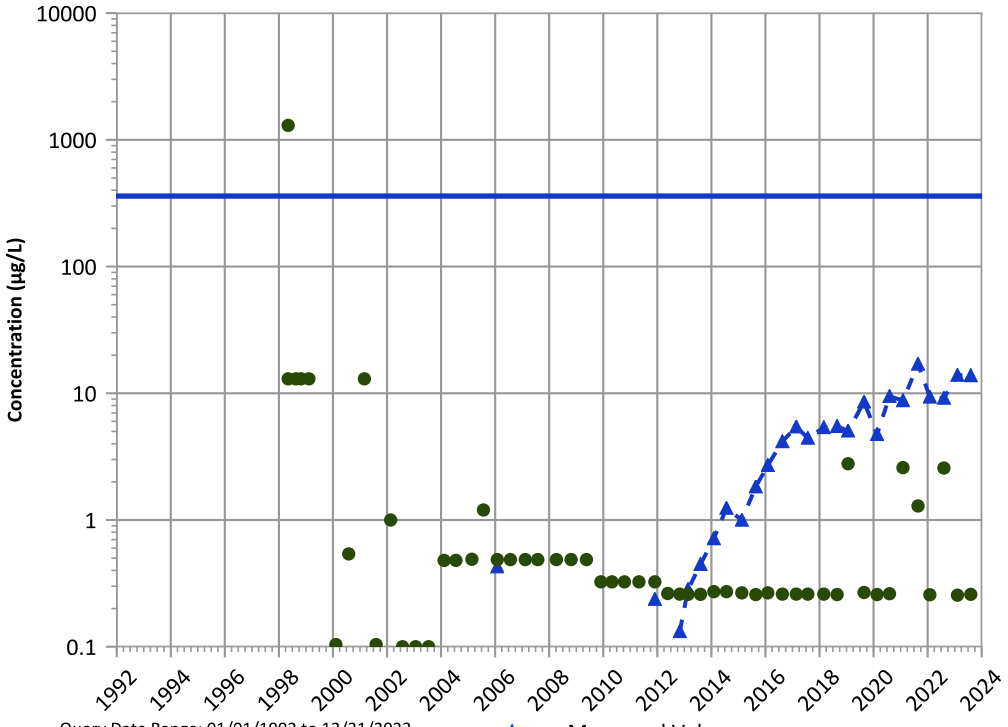


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

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



Concentration Trend

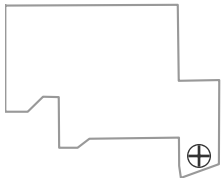
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

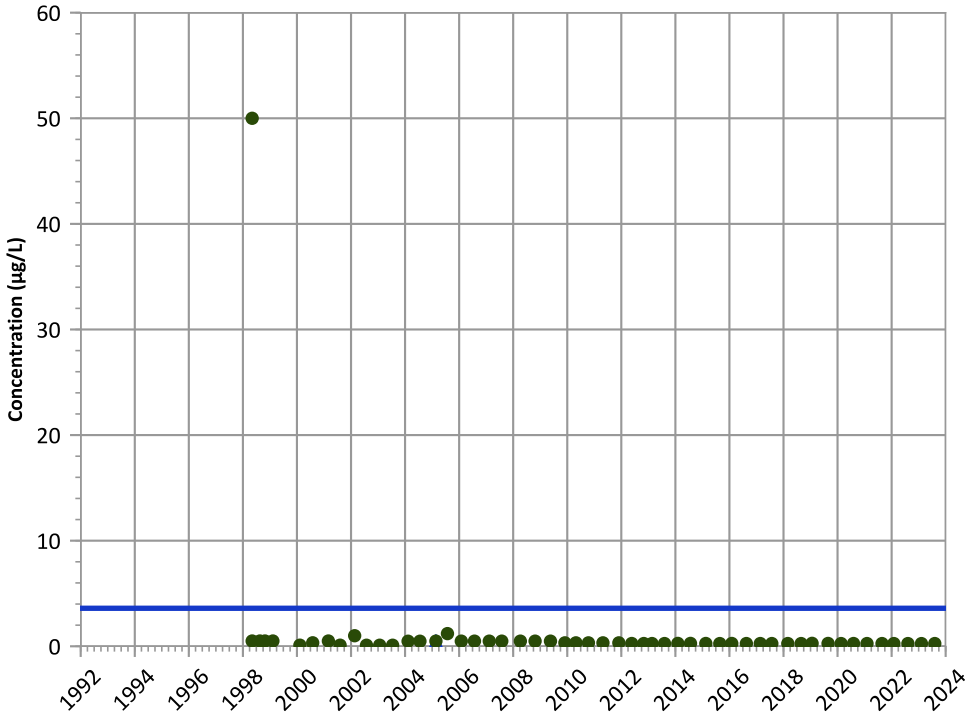
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

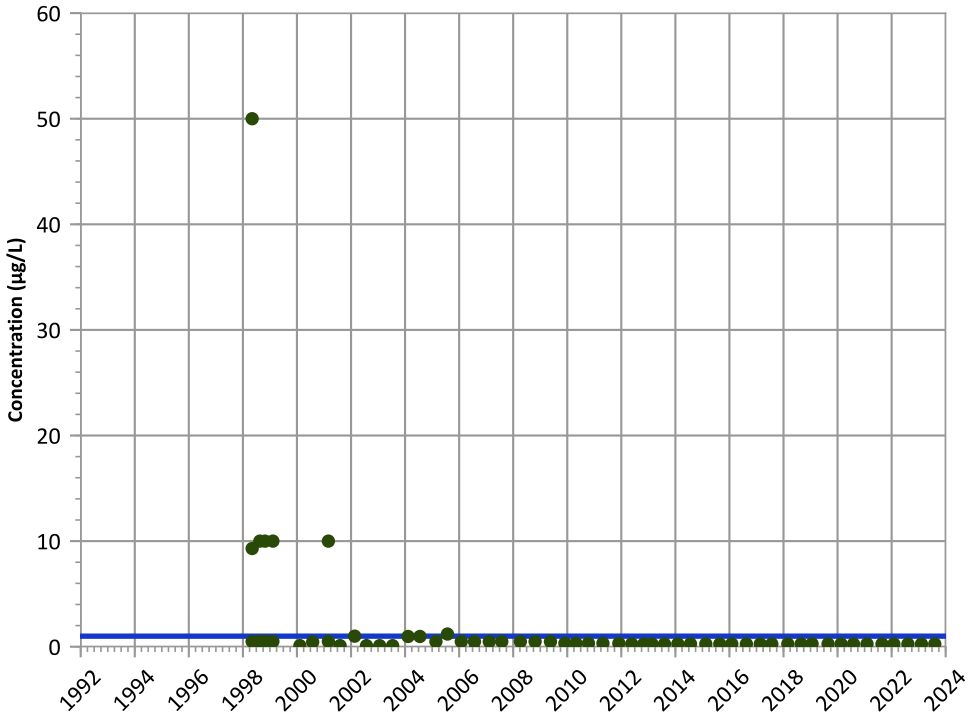


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

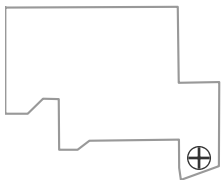
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

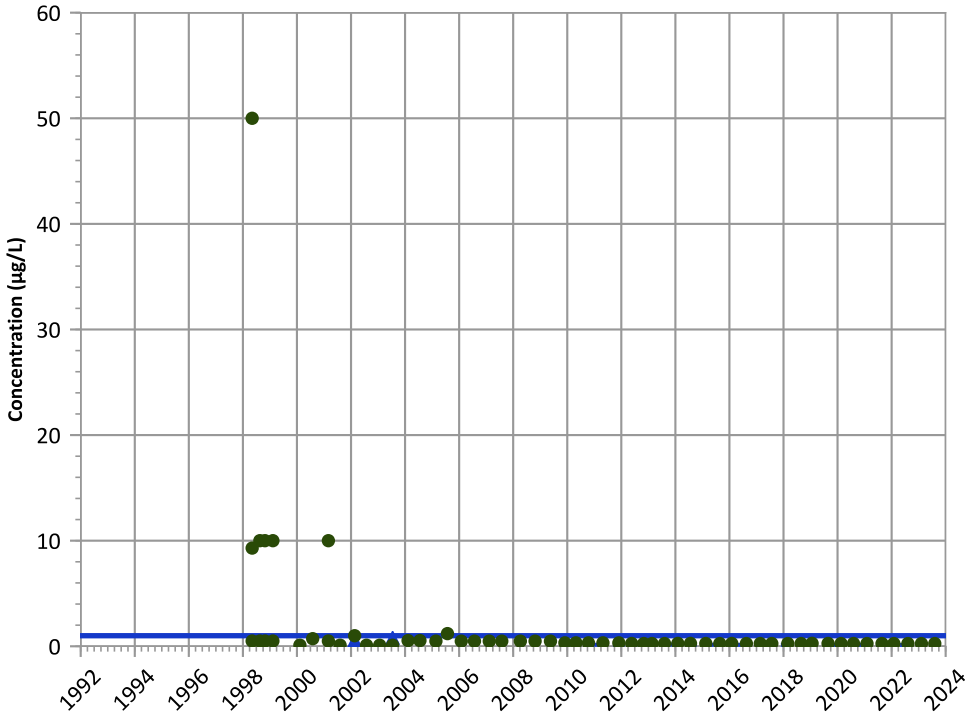
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

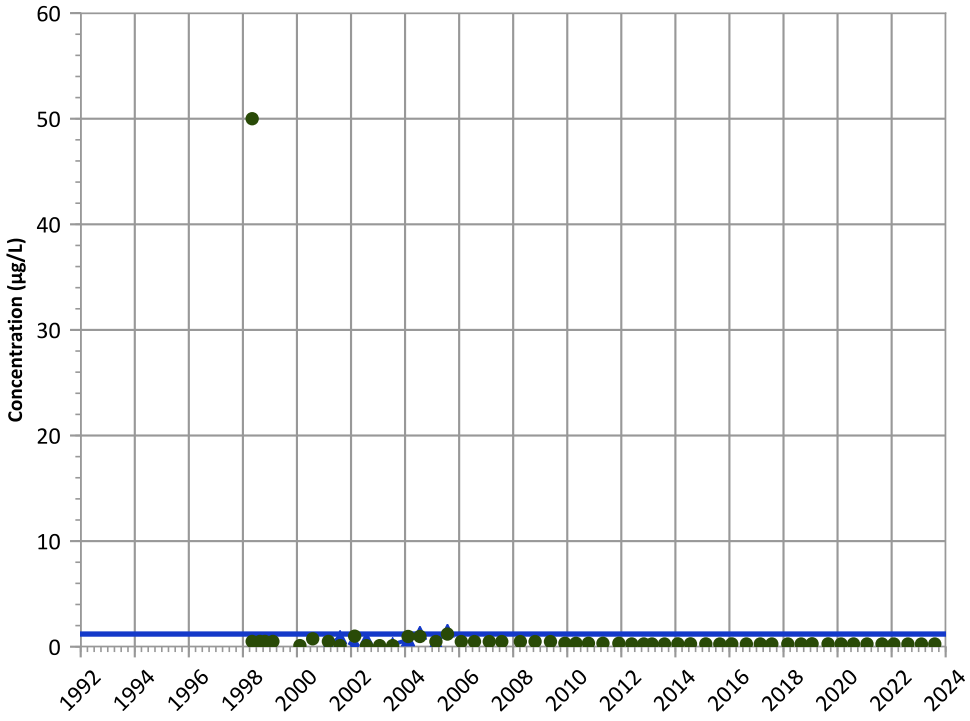


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

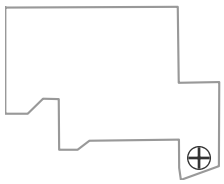
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

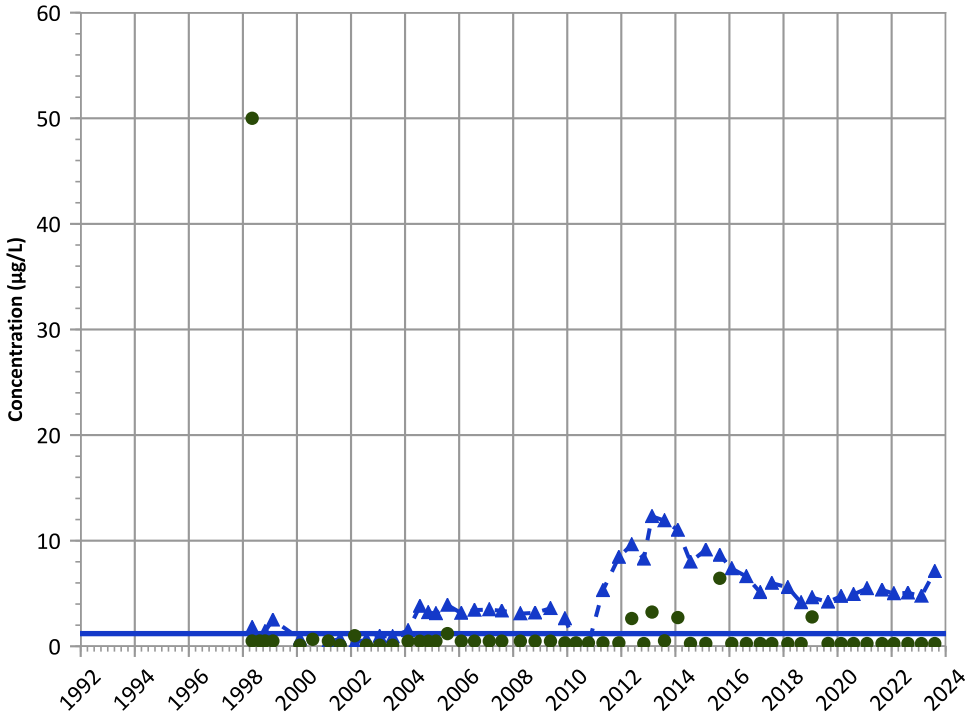
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

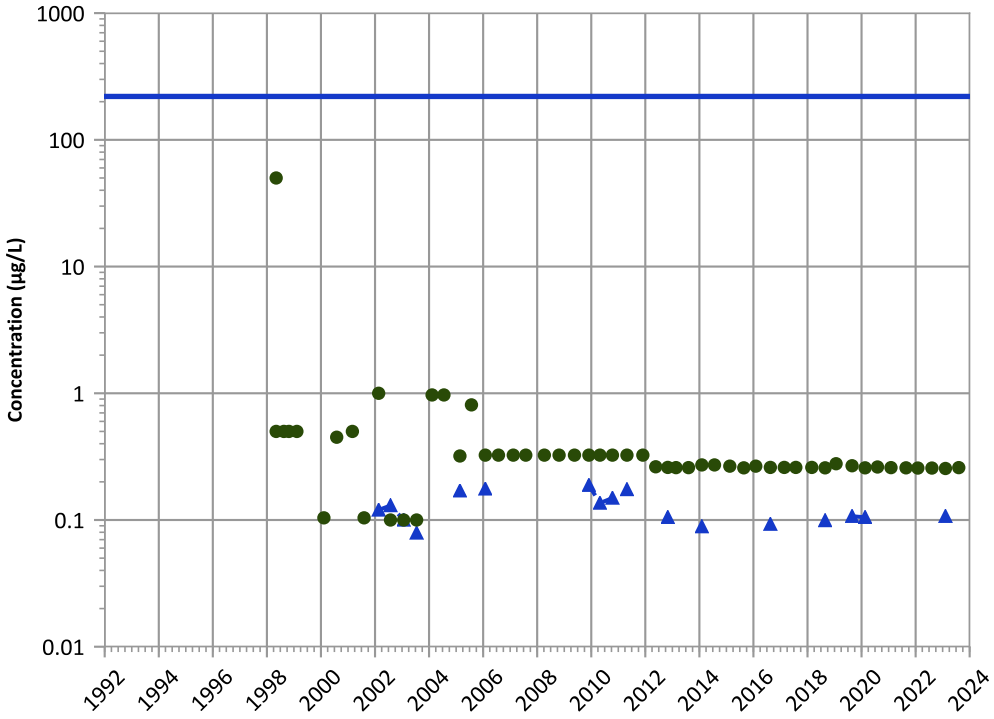


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

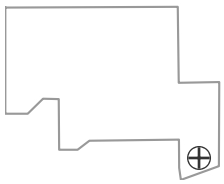
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

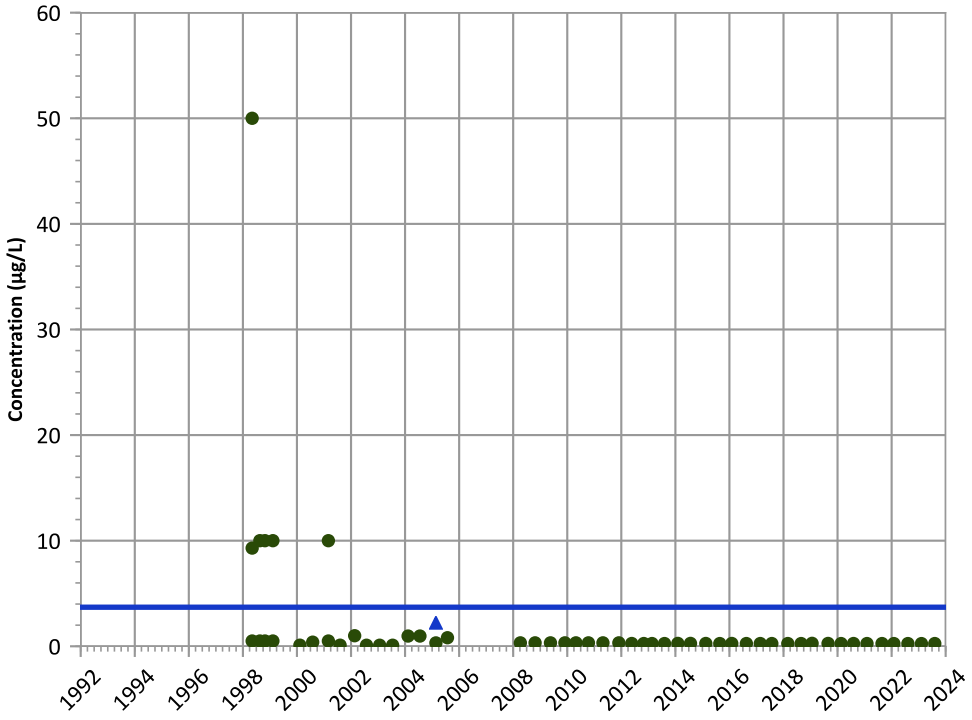
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

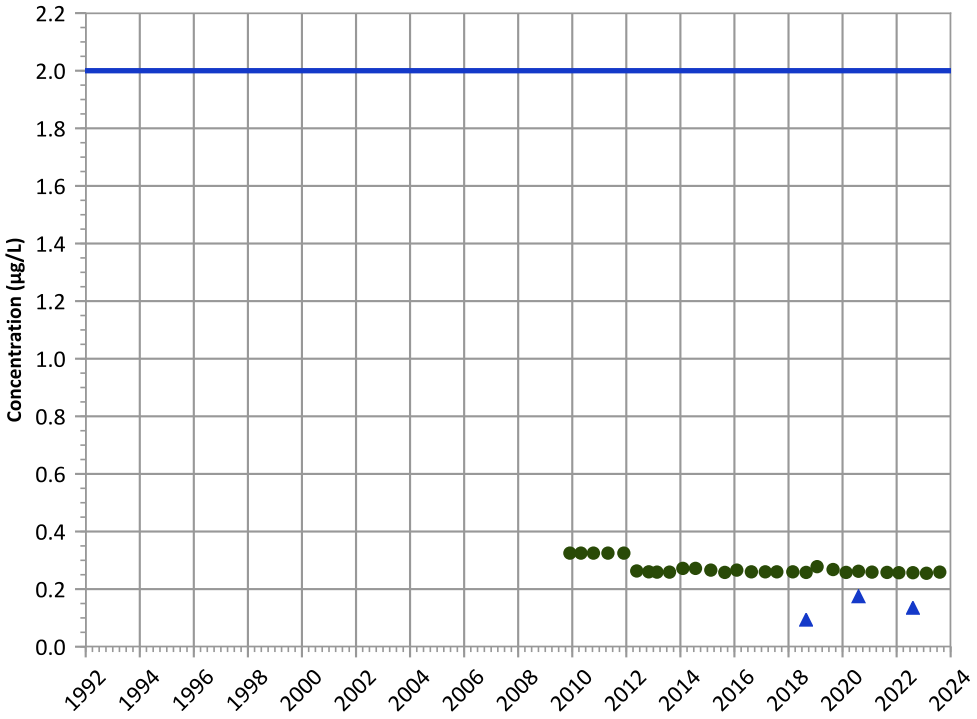


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

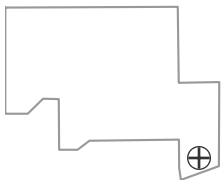
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

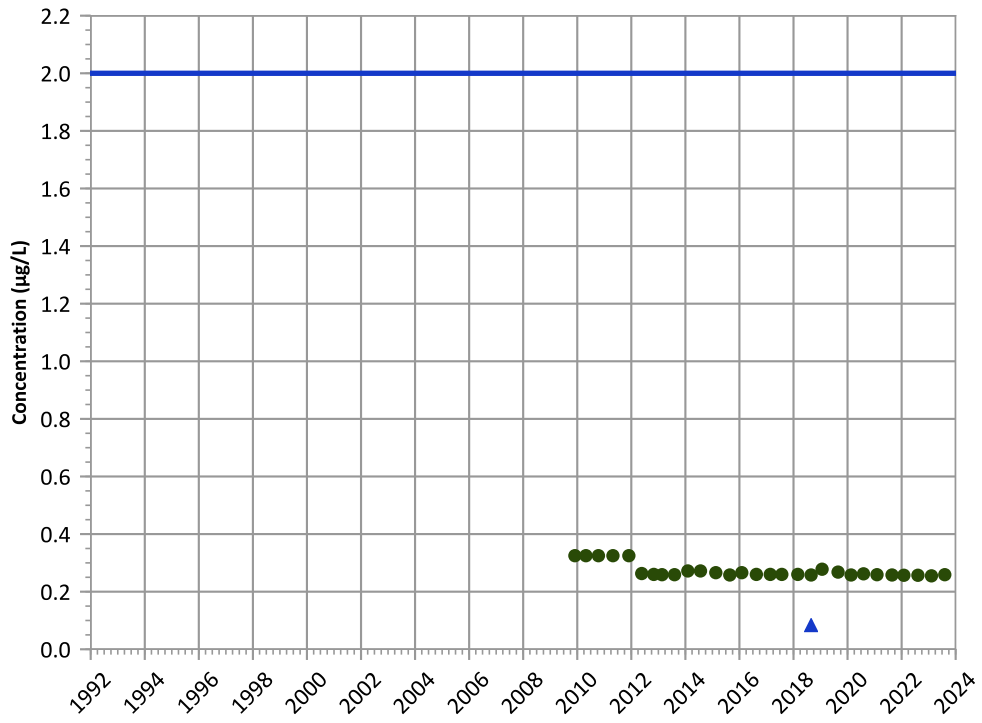
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

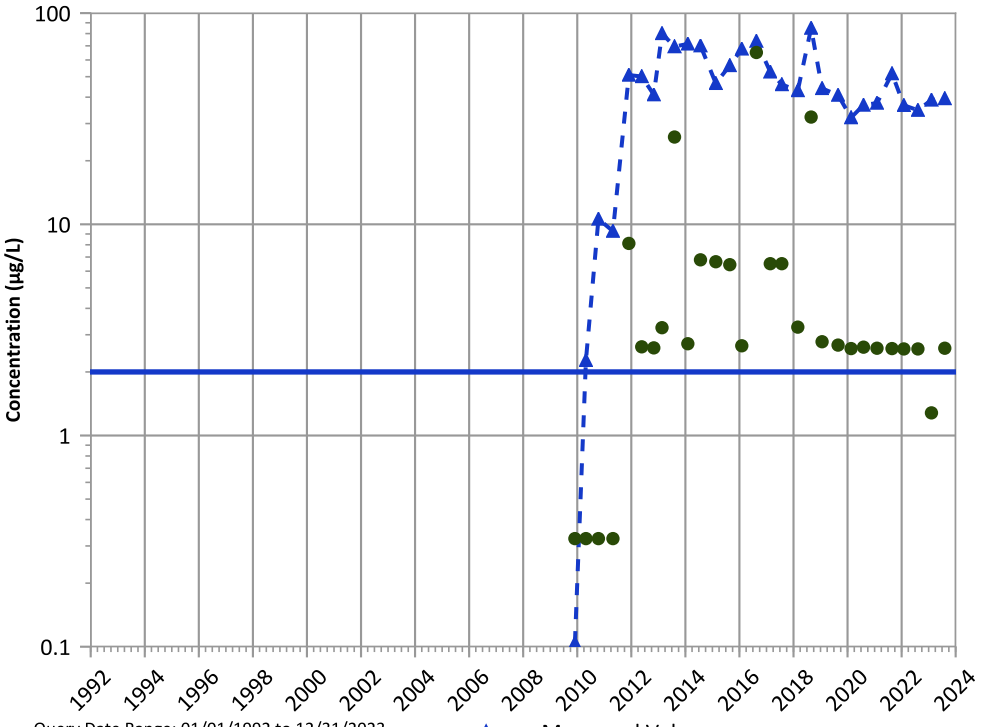


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

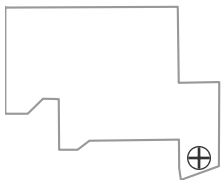
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

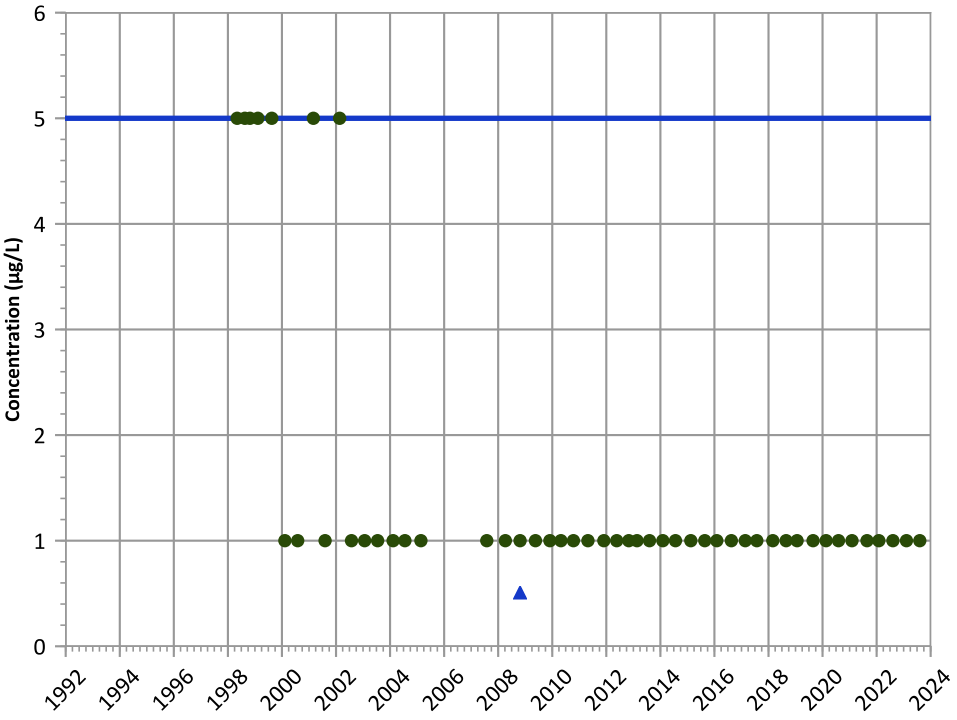
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

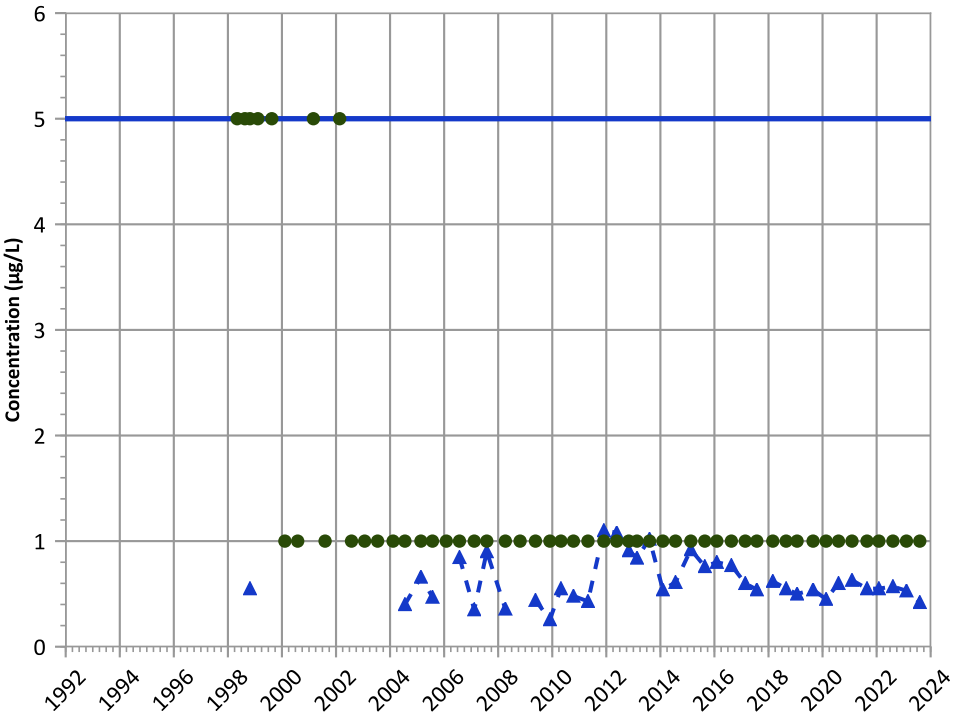


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

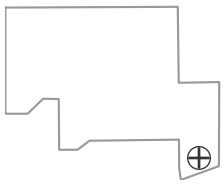
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

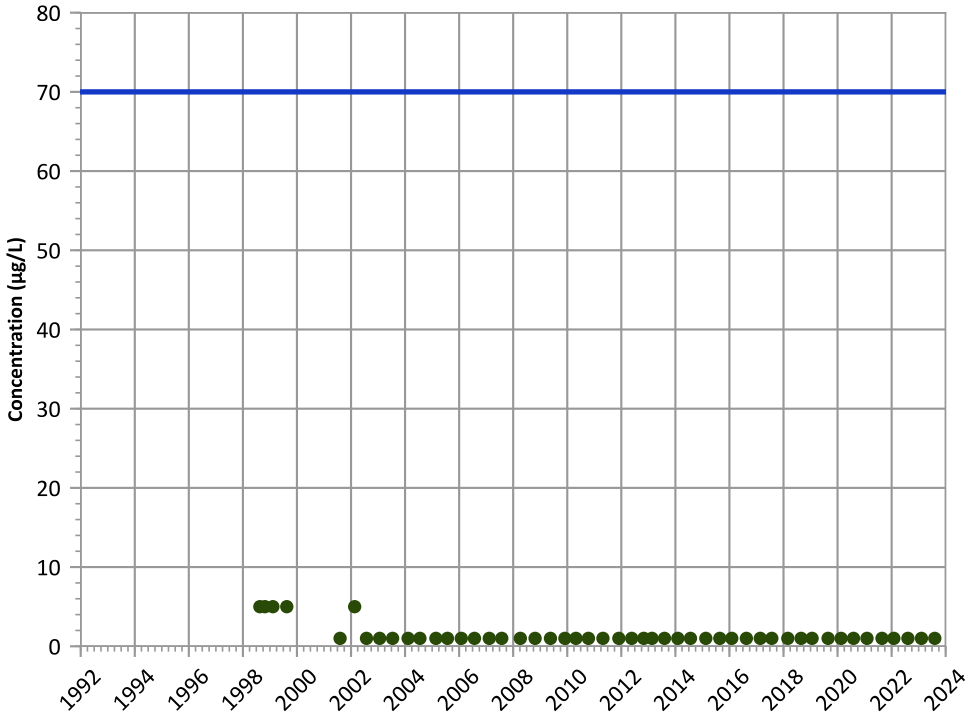
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

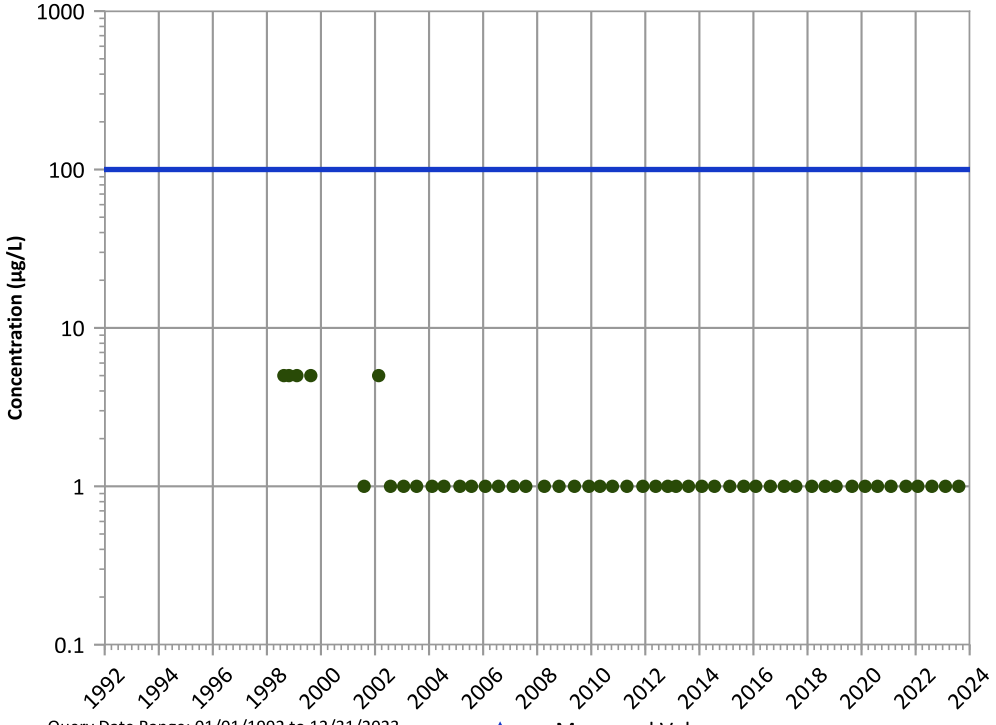
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



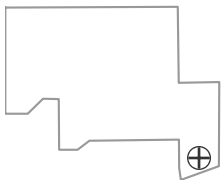
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

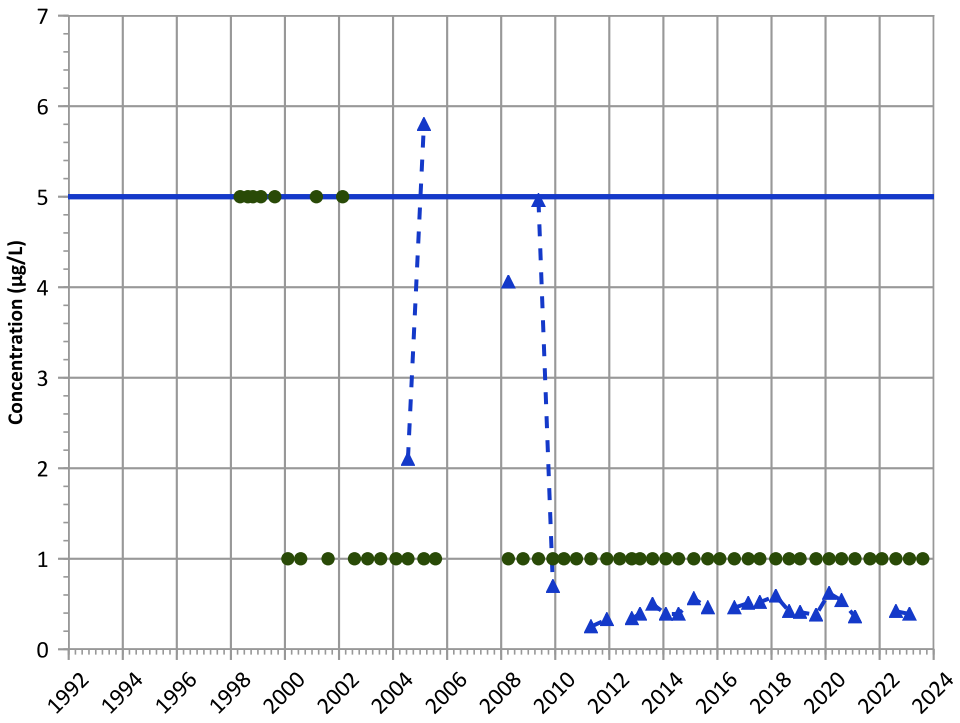
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

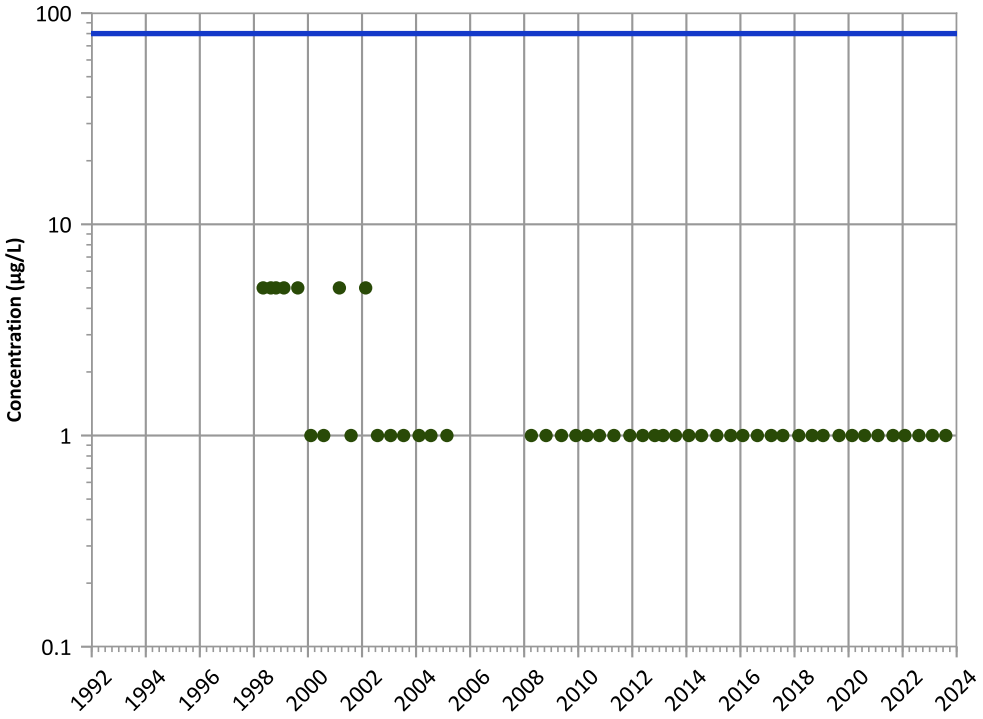


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

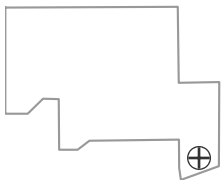
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

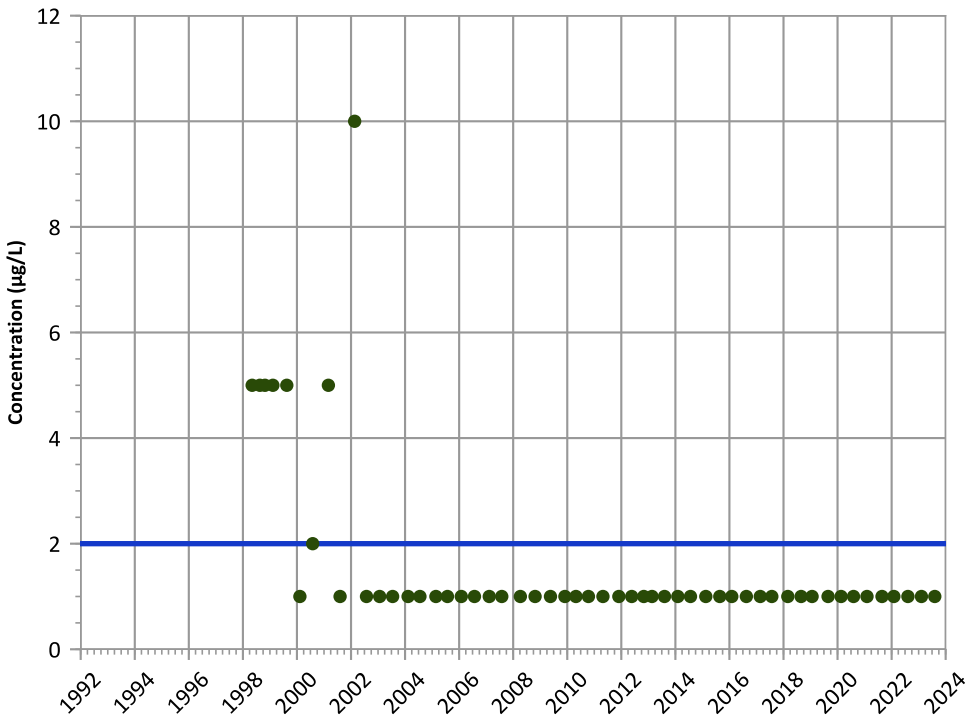
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

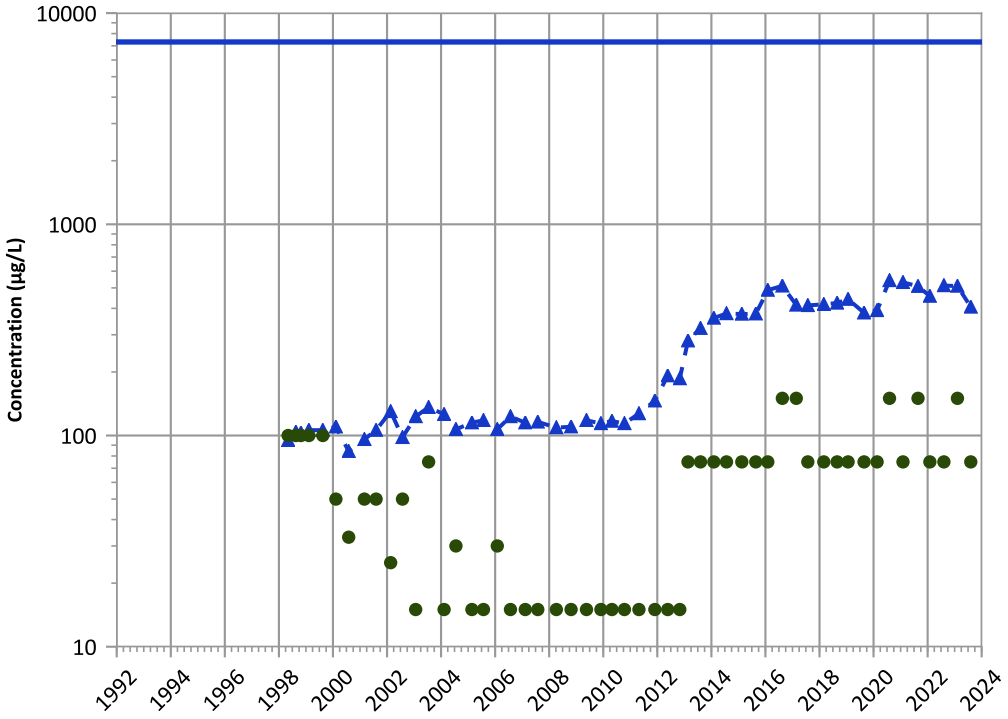


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

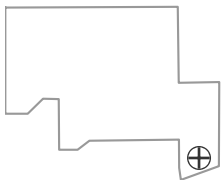
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

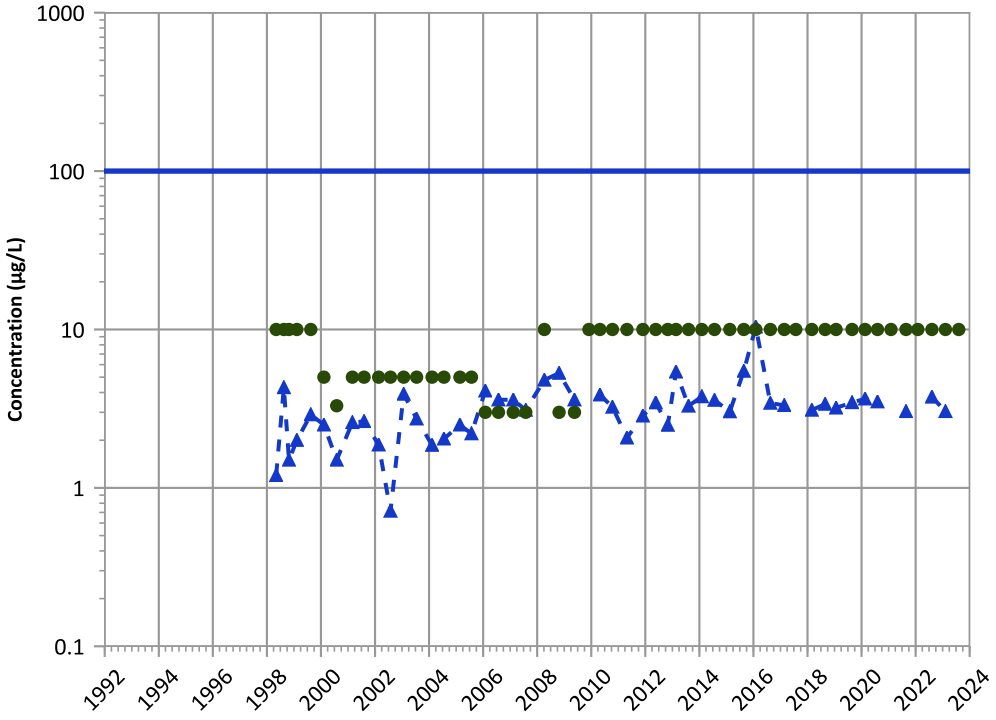
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

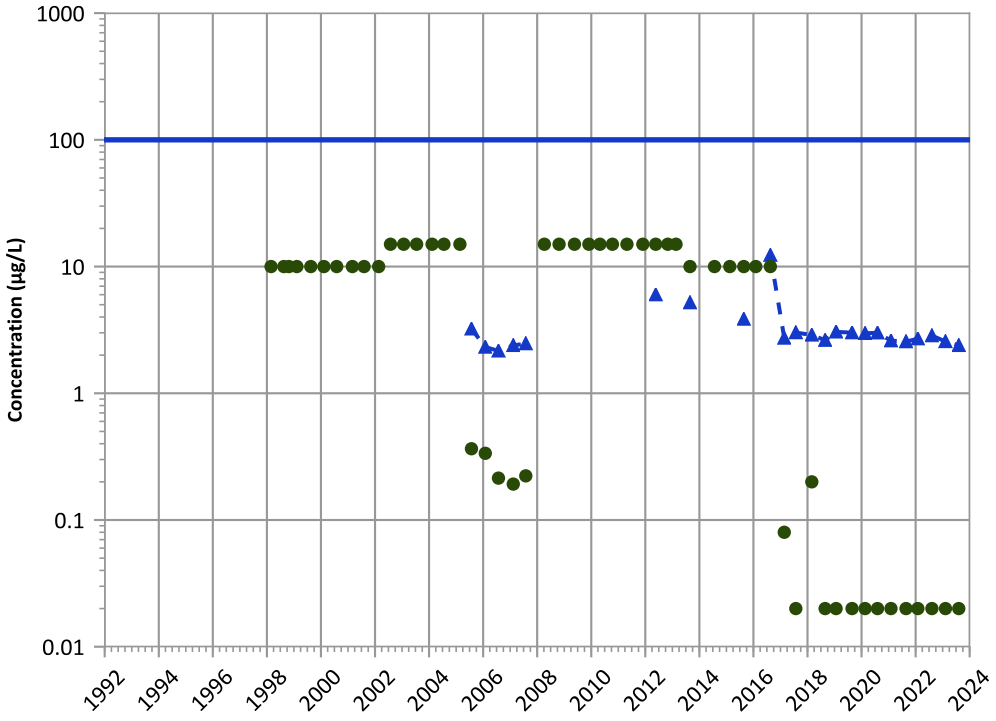


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

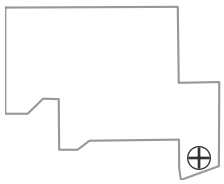
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

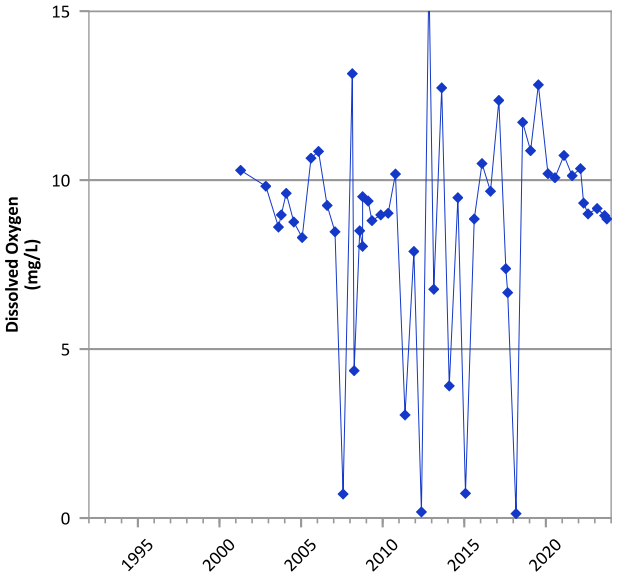
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/26/1998 to 08/07/2023
Analysis Date: 04/01/2024

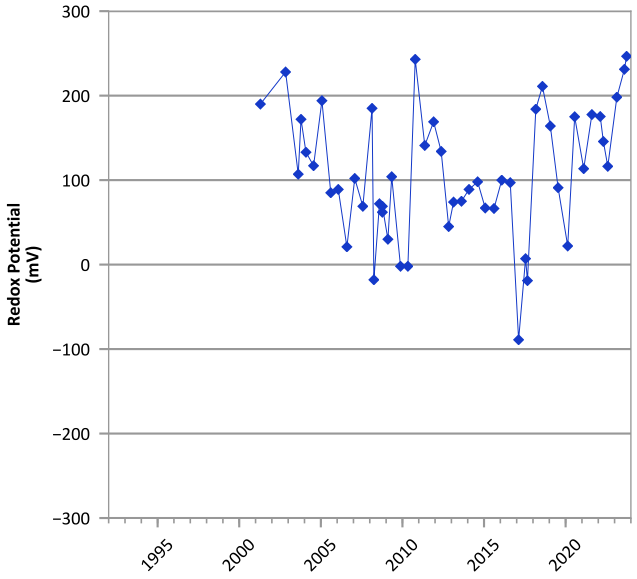
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

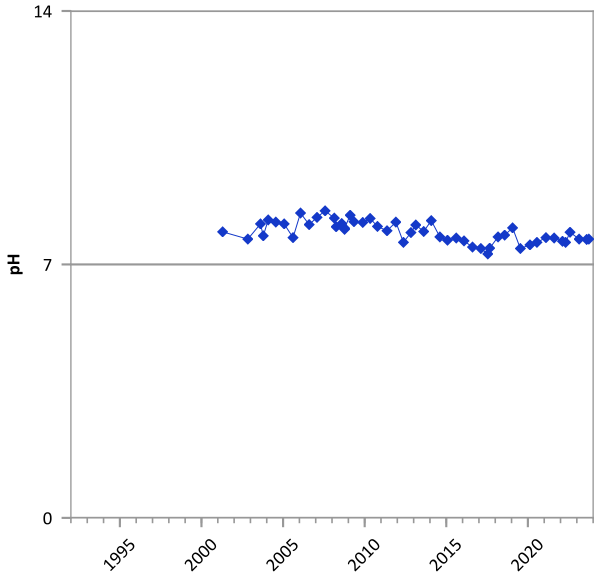
Well Location

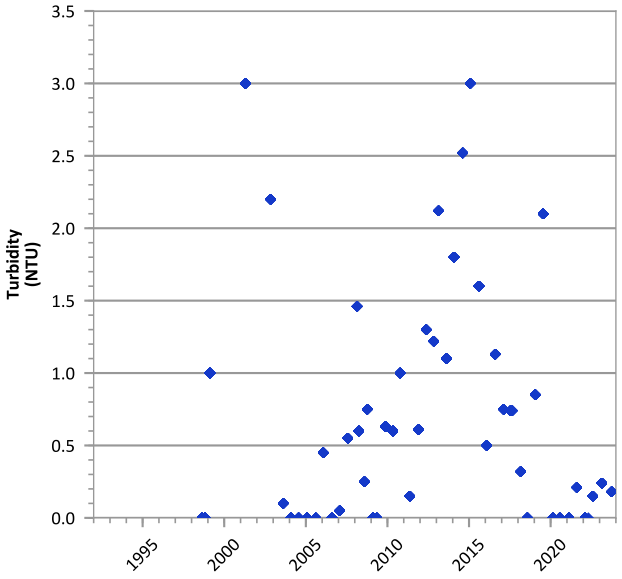


PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

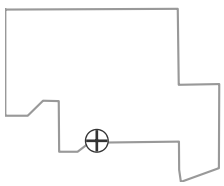






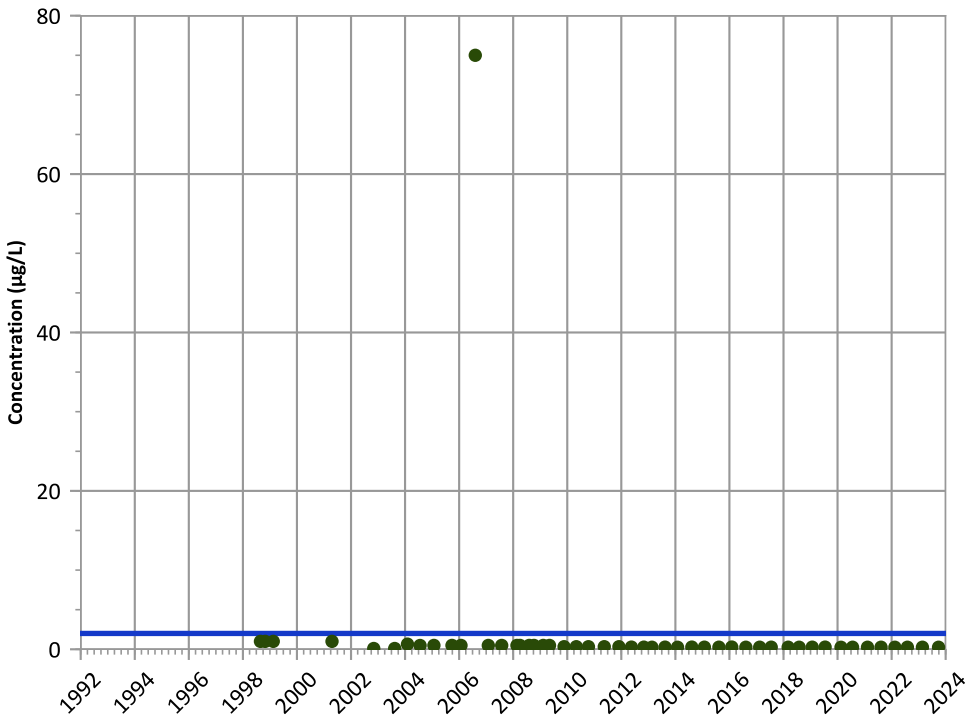


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

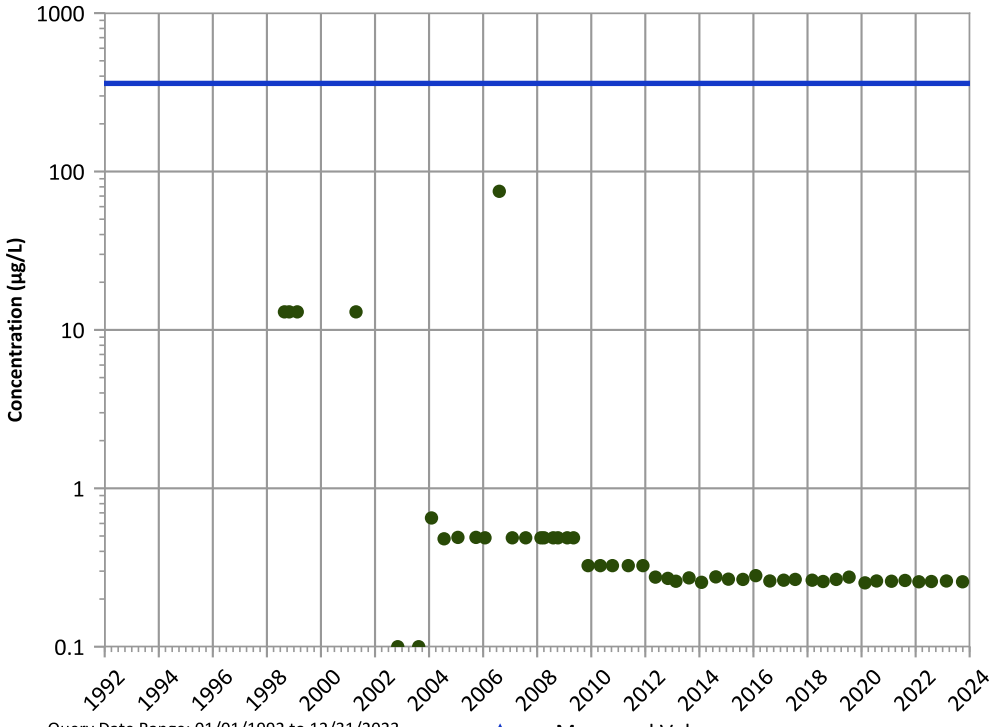


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

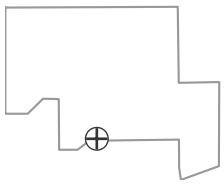
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

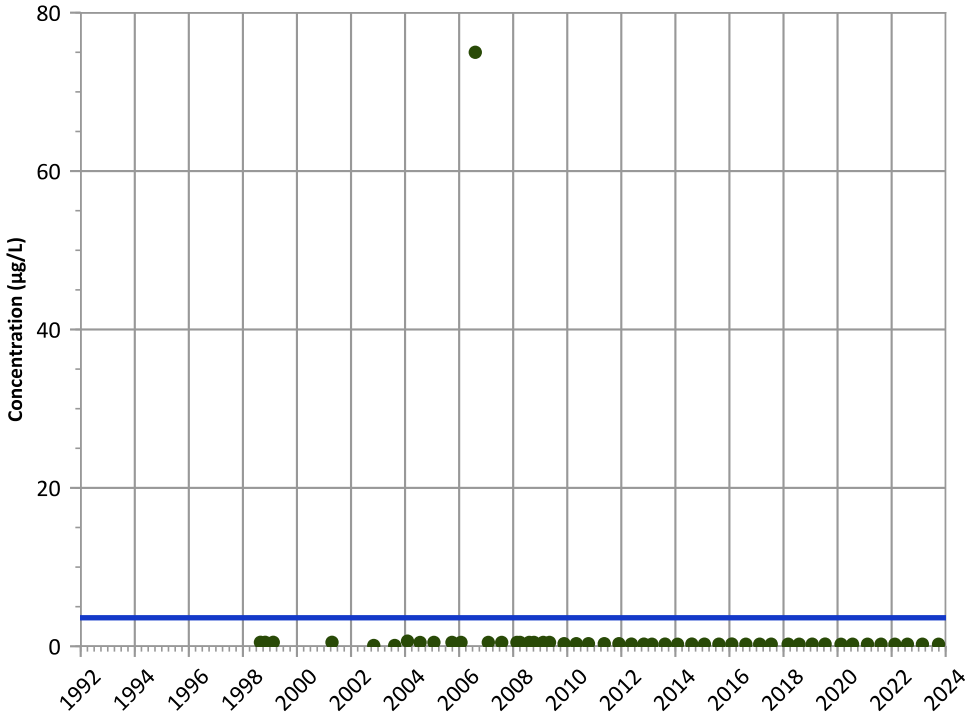
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

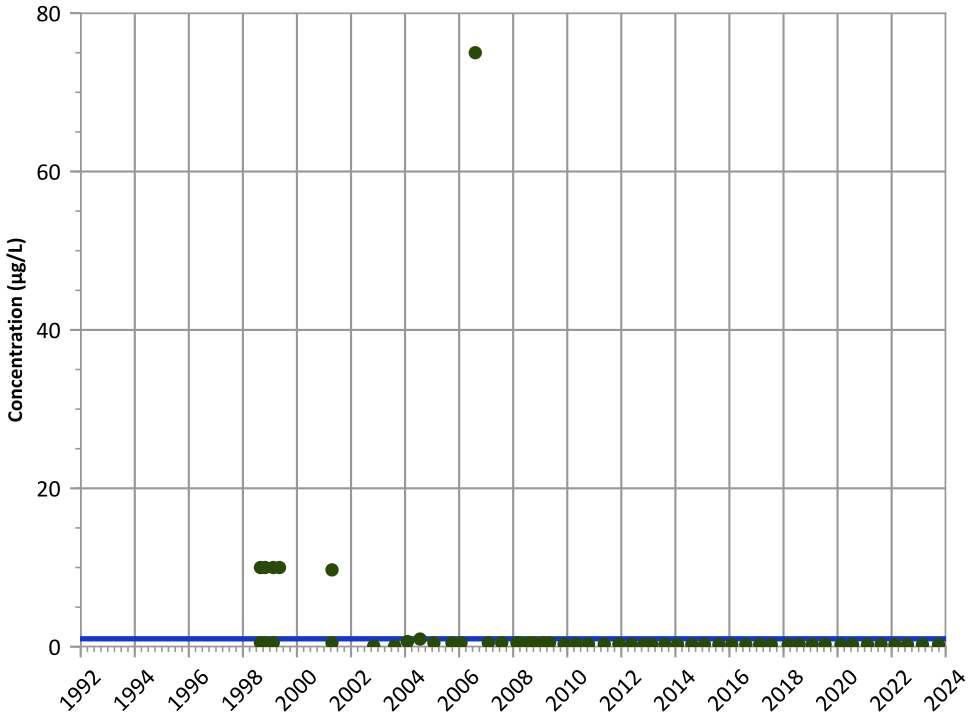
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



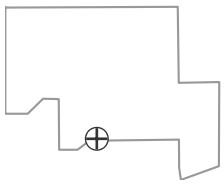
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

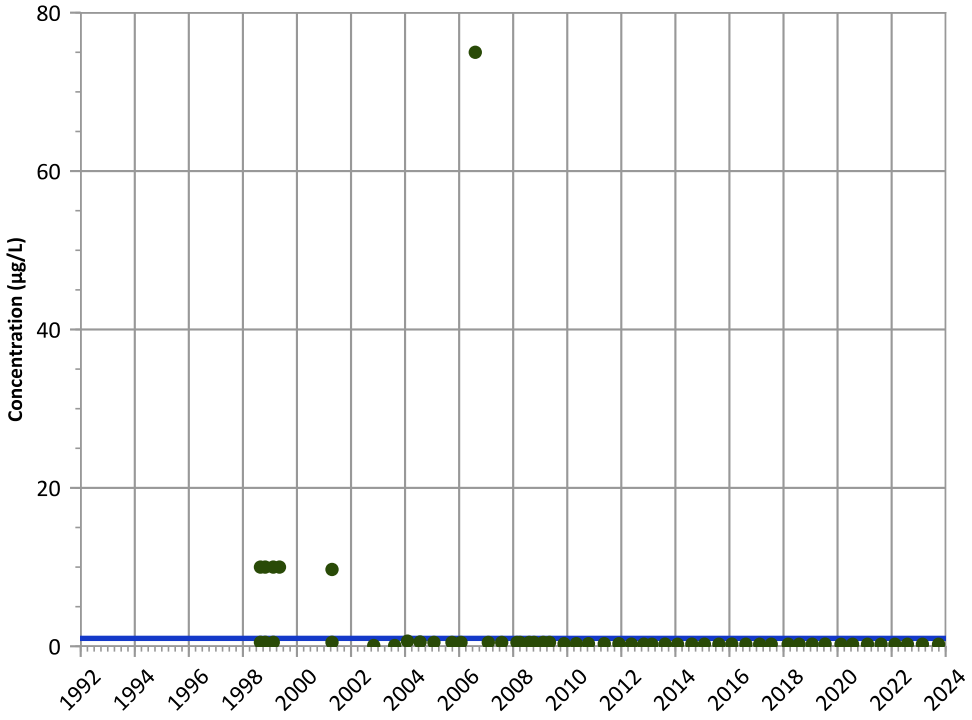
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

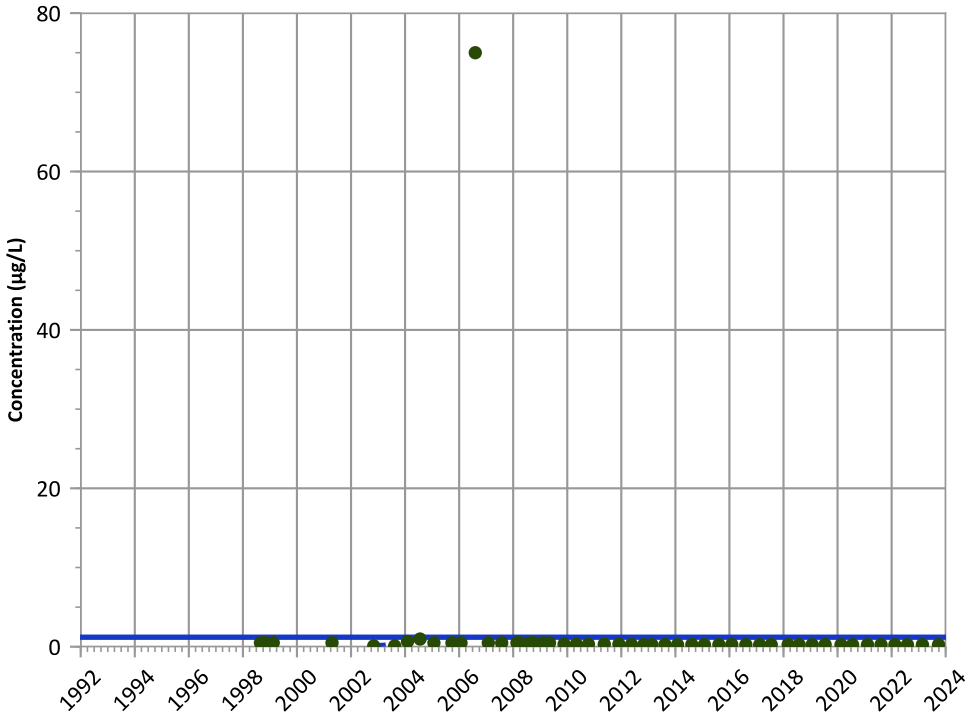
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



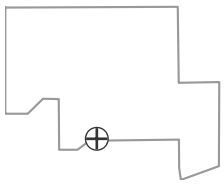
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

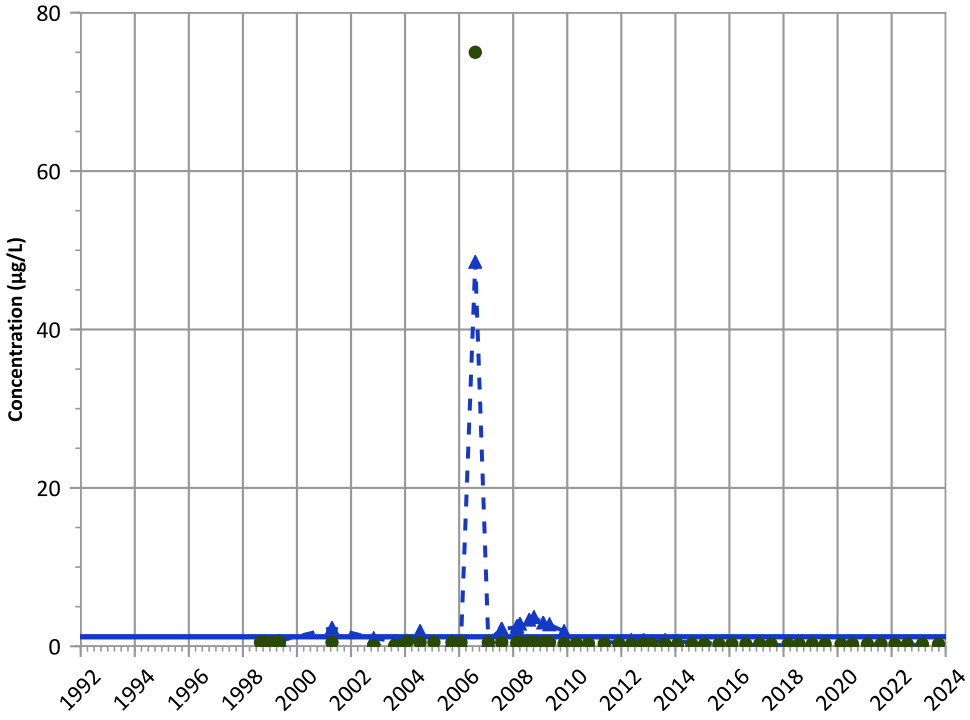
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

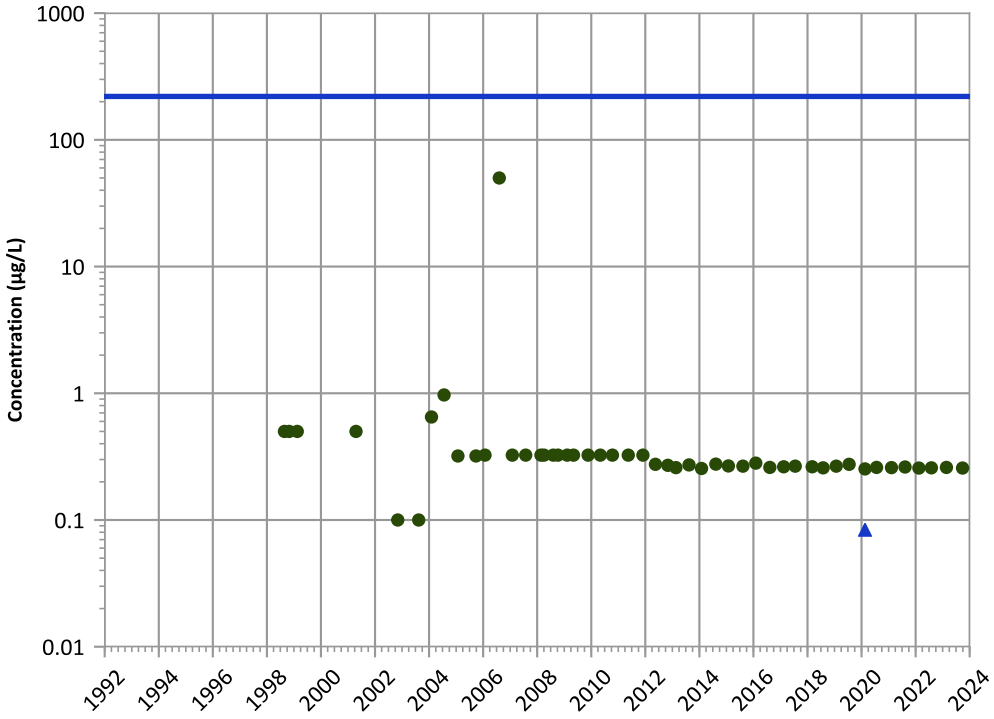


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

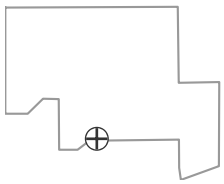
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

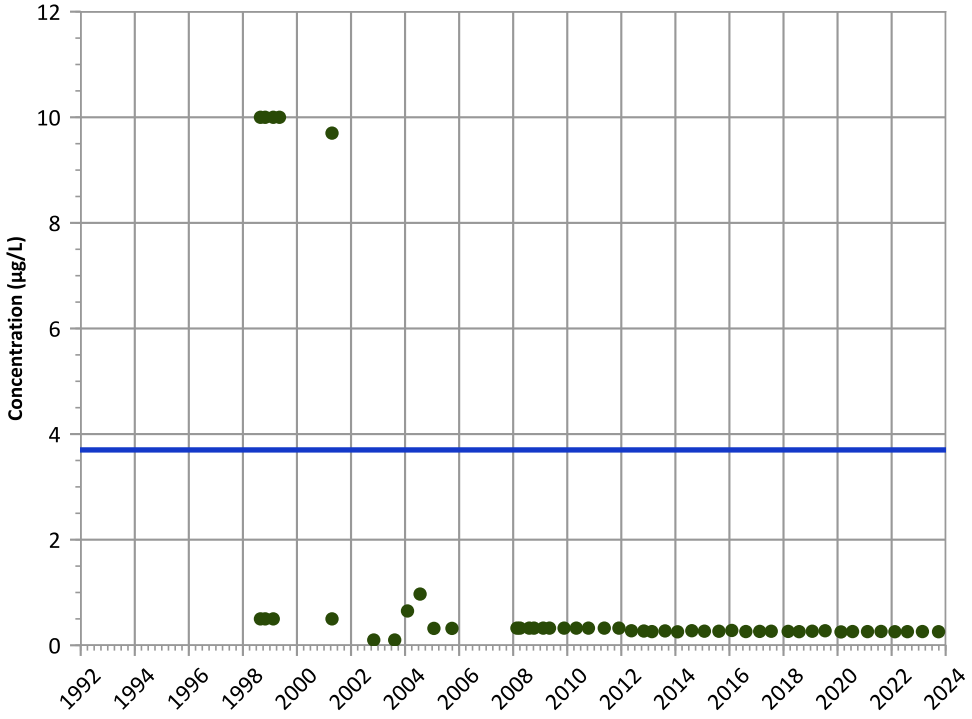
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

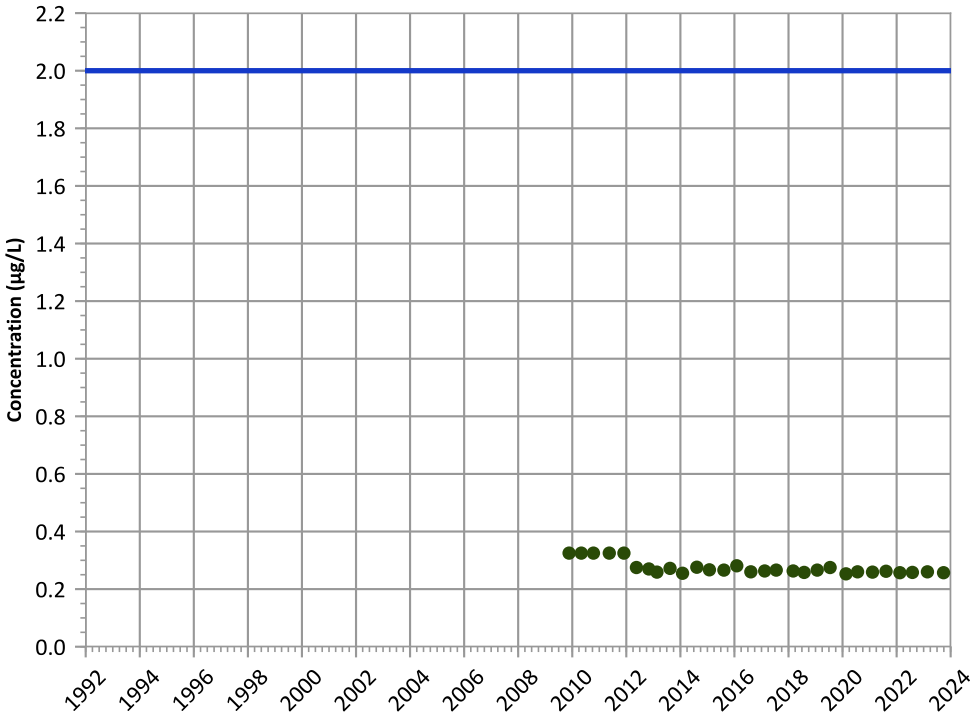
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



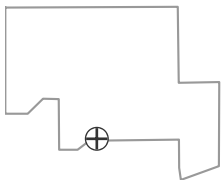
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

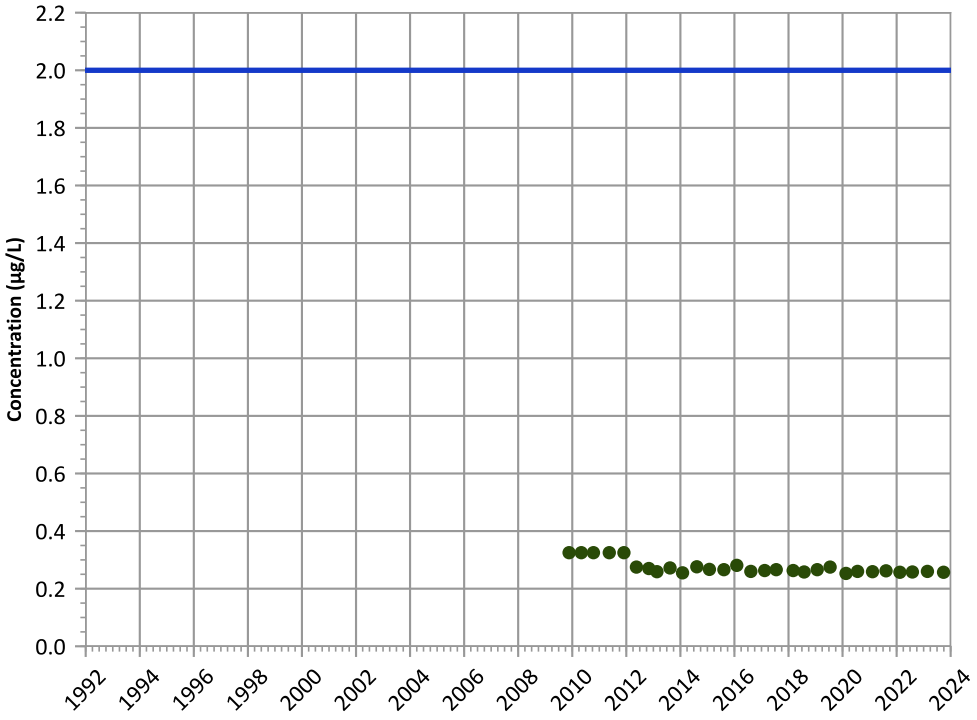
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

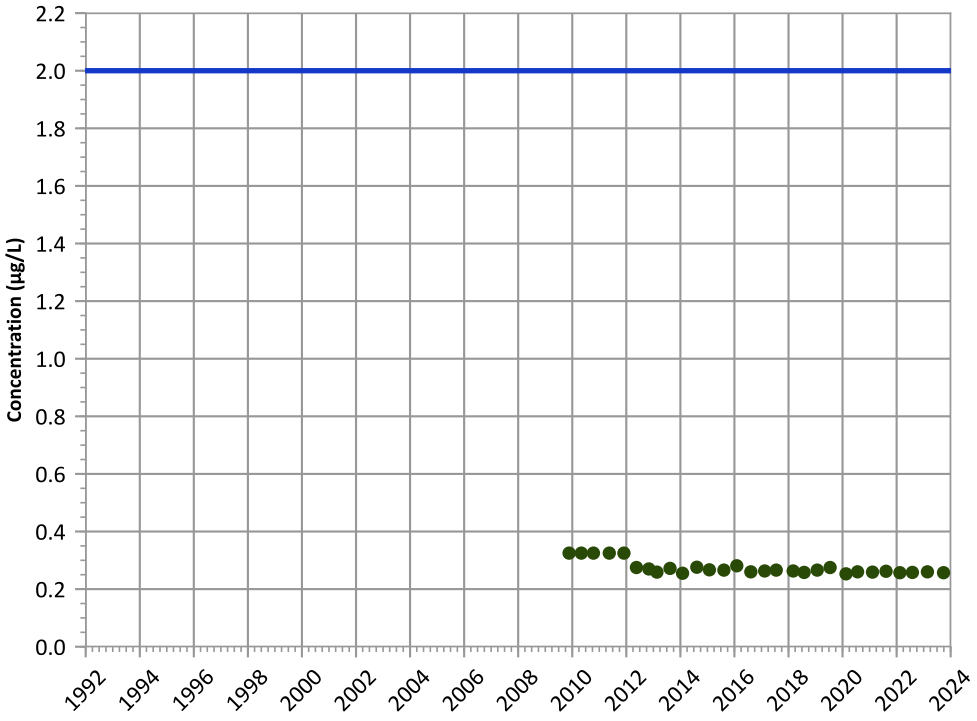


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

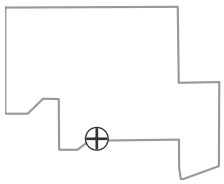
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

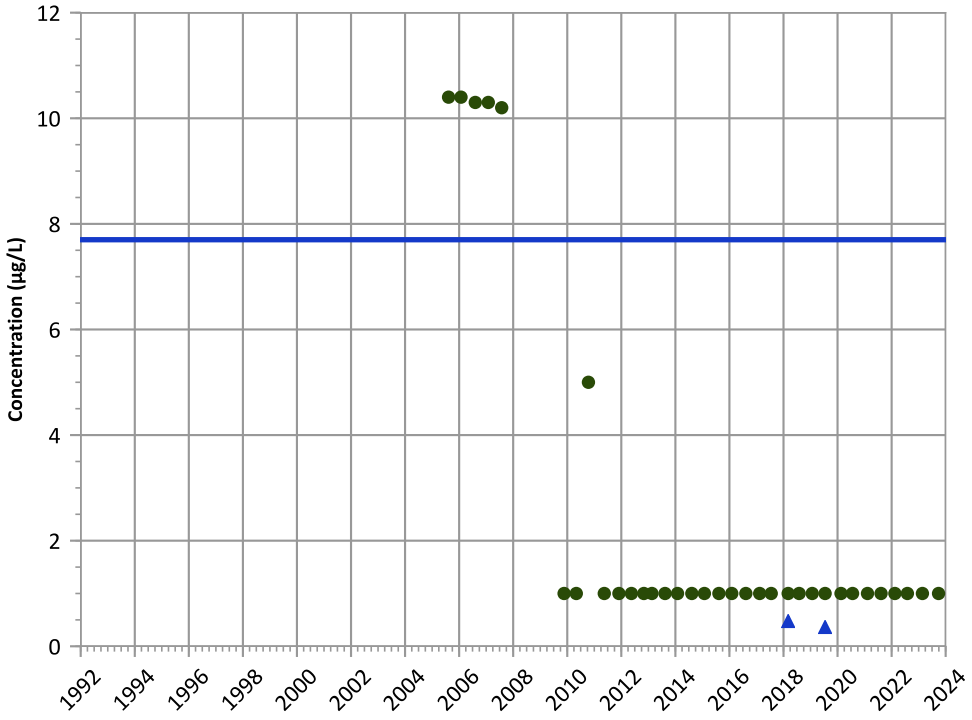
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

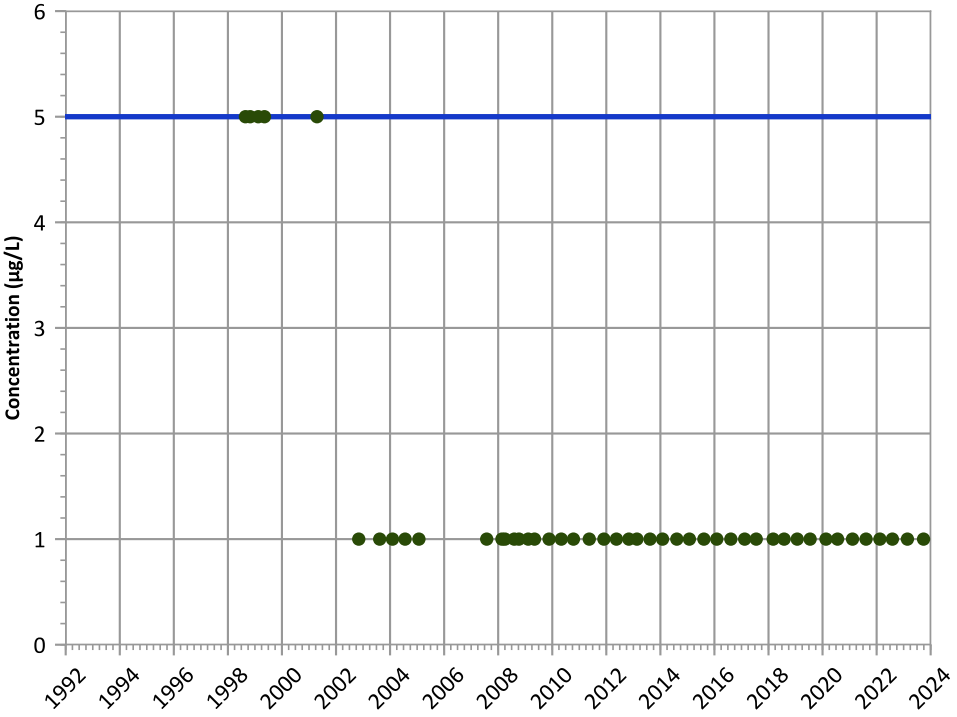


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

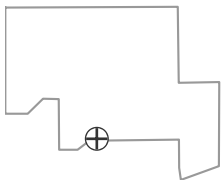
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

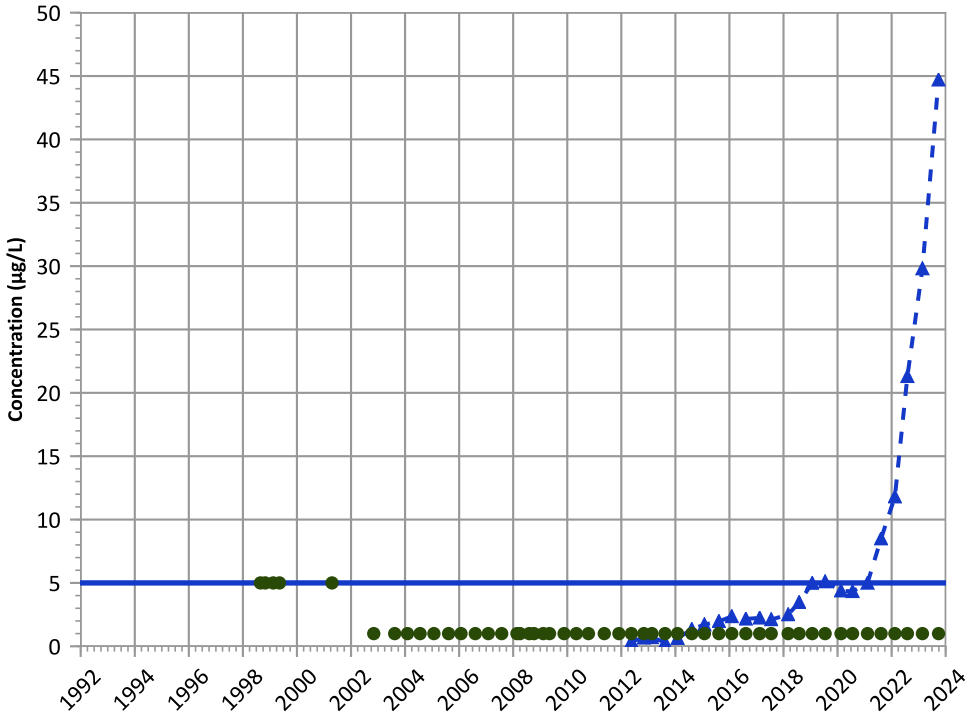
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

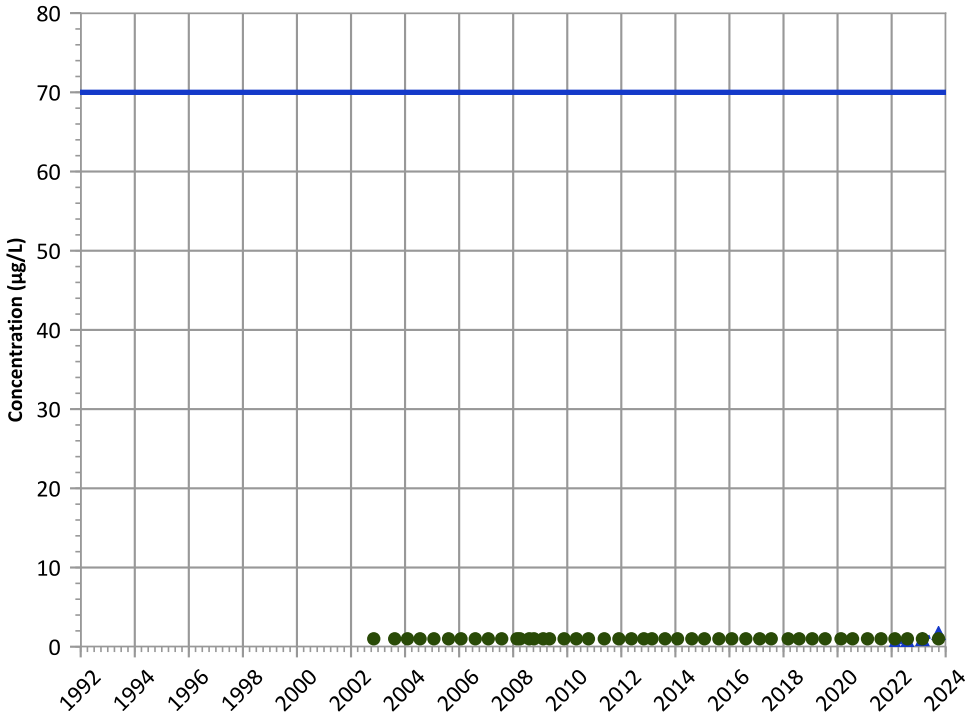


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

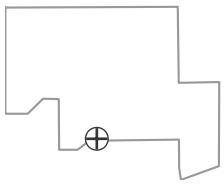
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

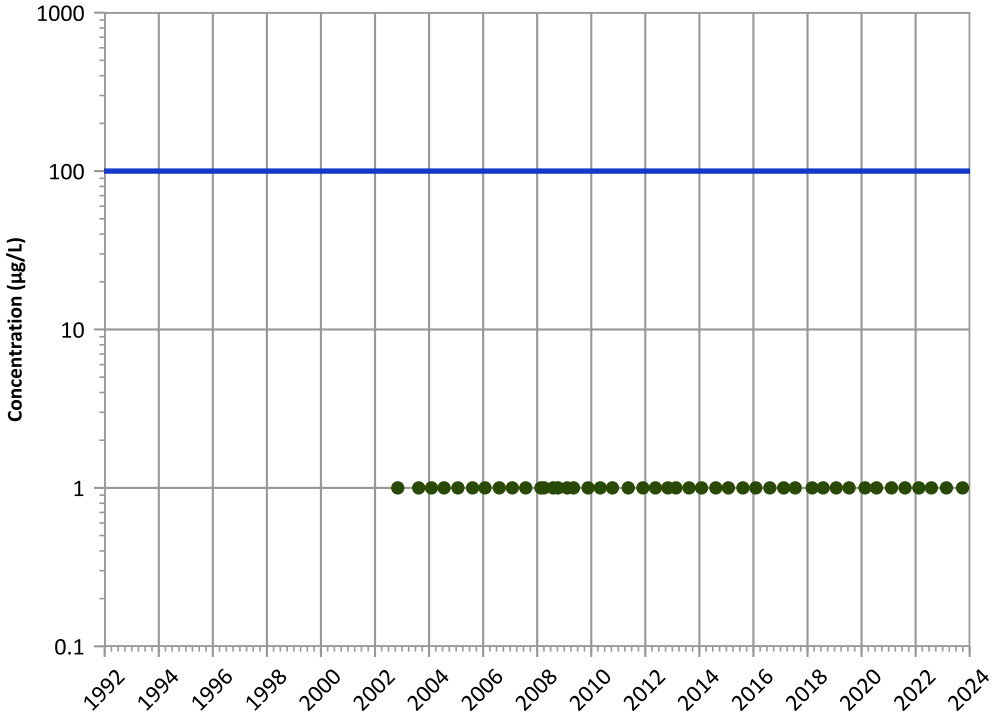
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

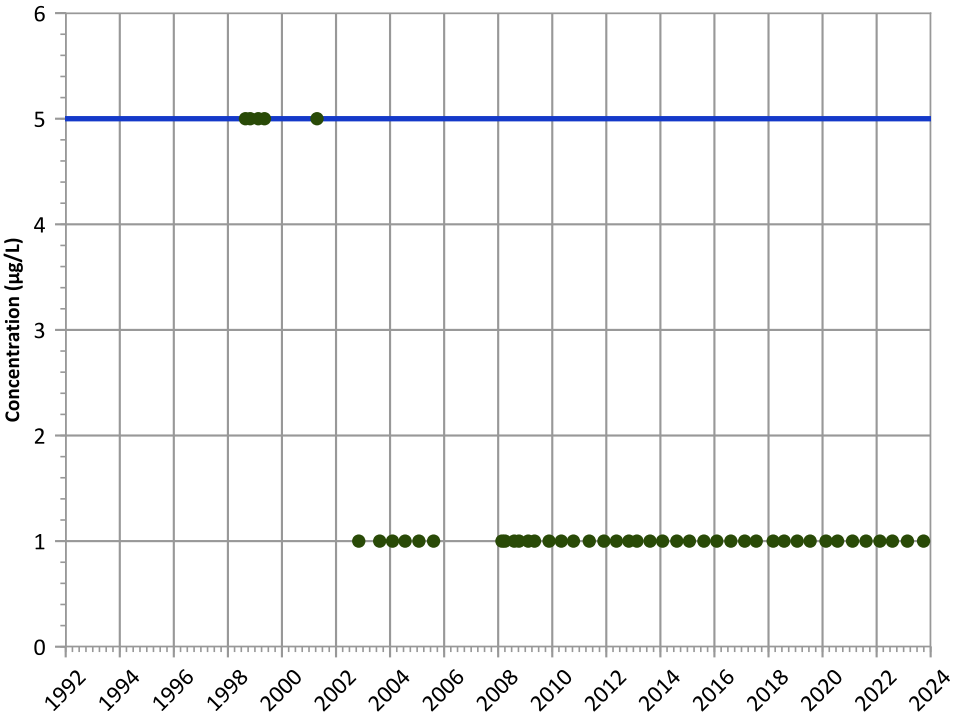


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

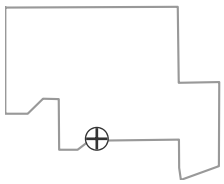
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

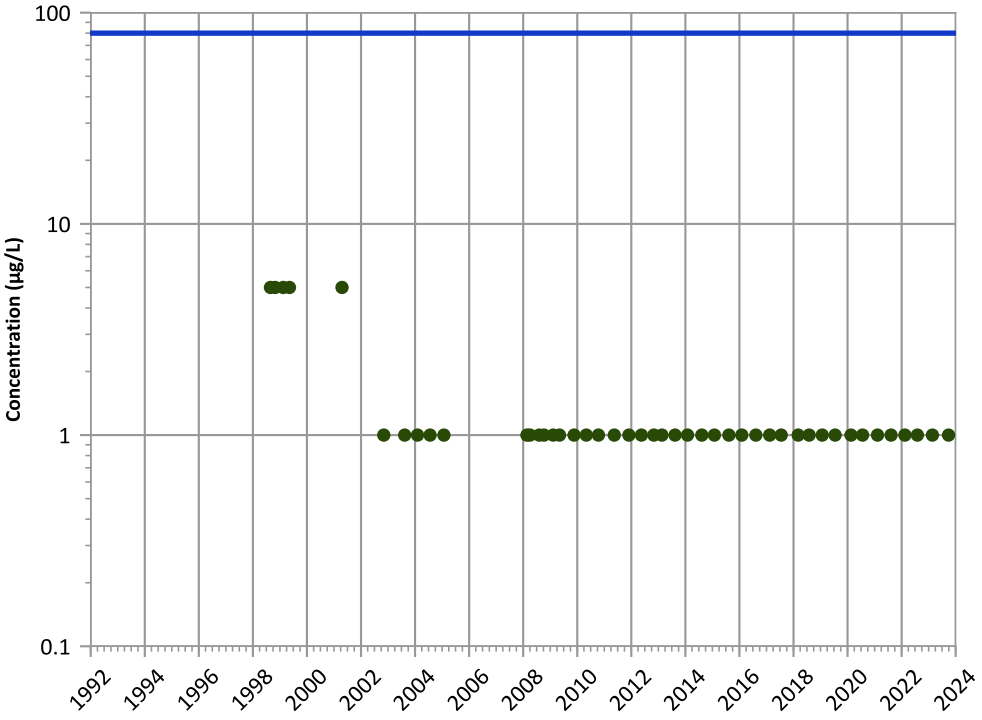
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

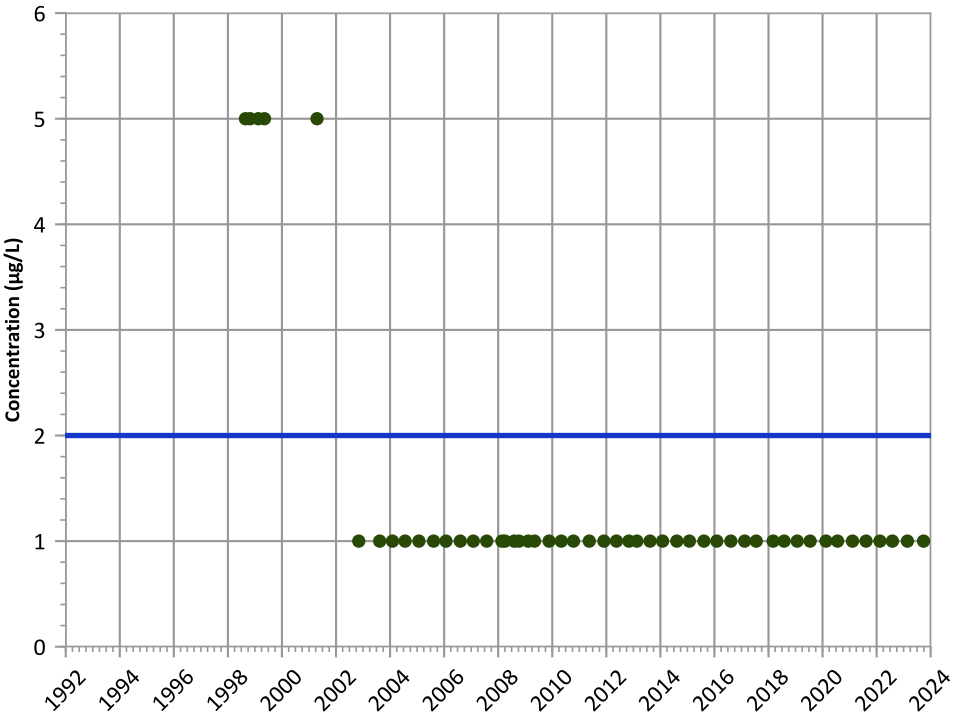


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

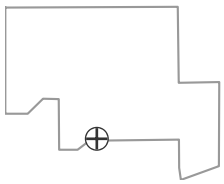
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

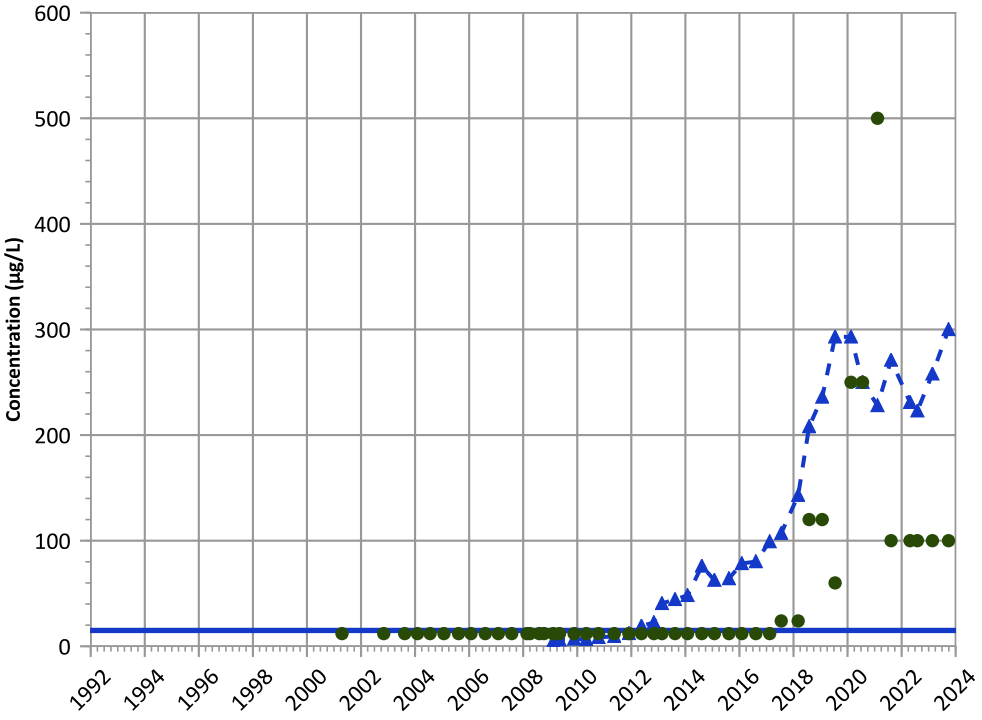
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

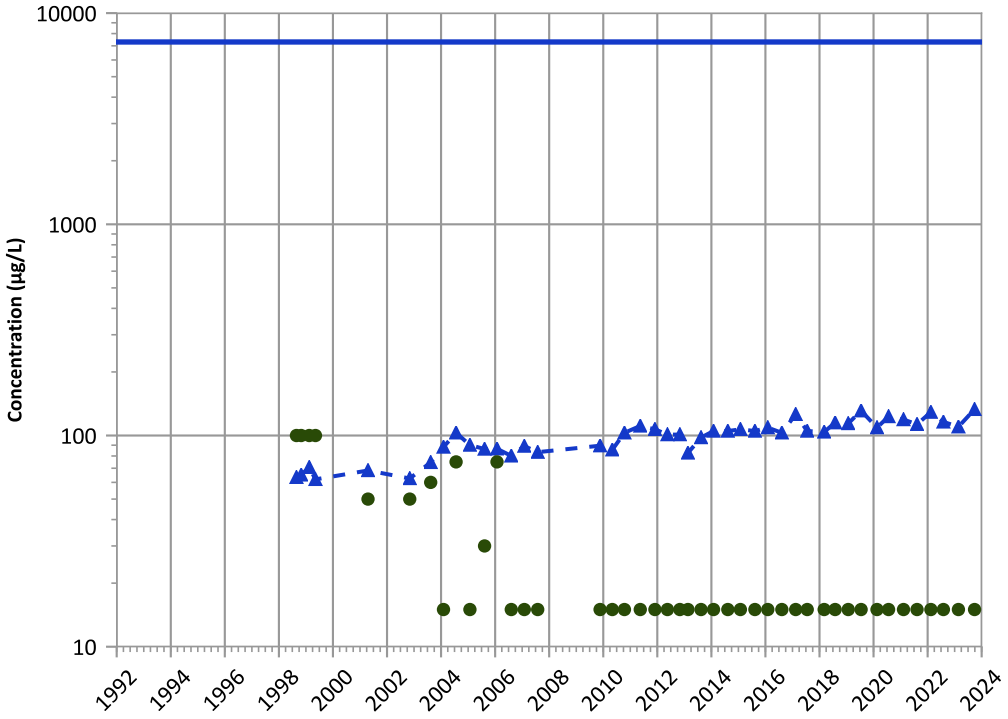


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

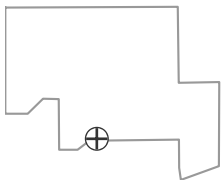
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

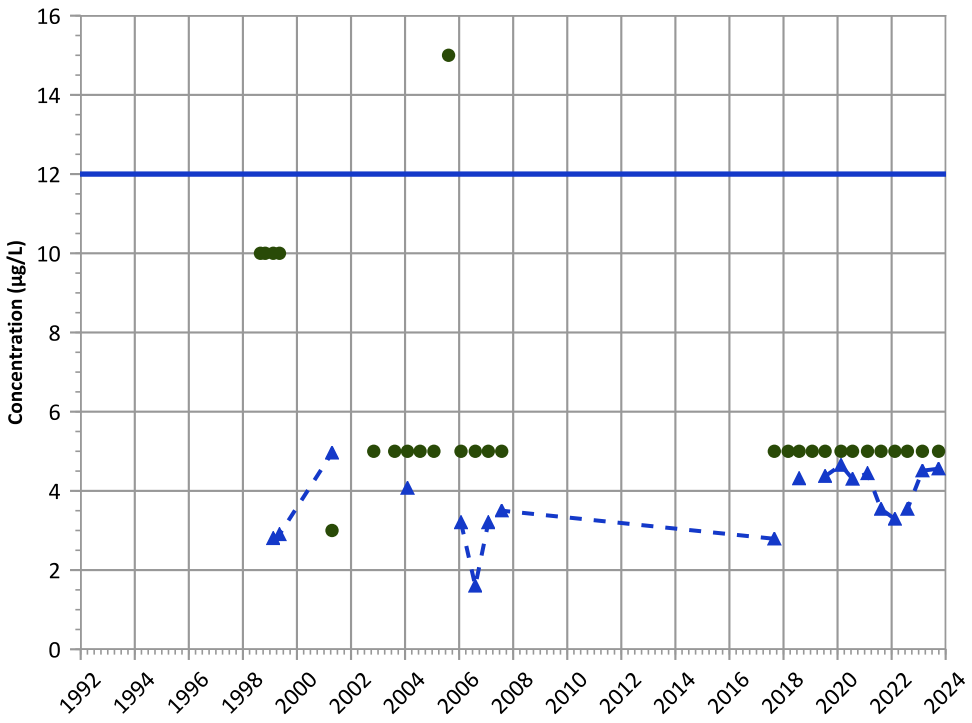
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

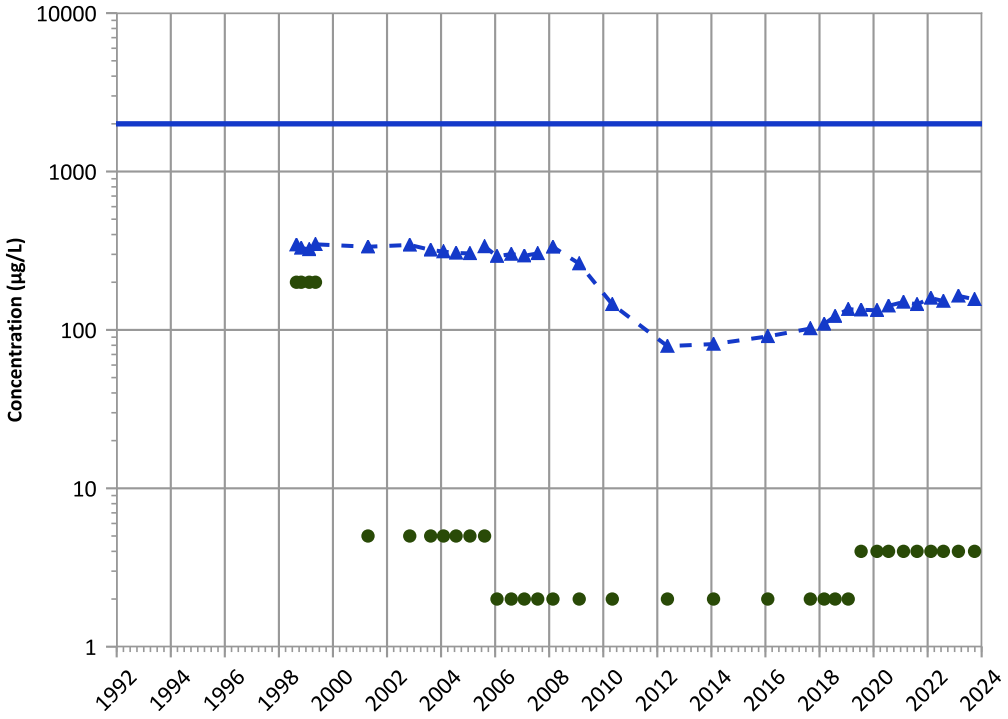


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Barium Trend



Concentration Trend

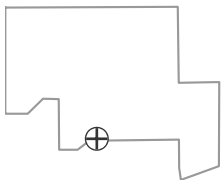
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

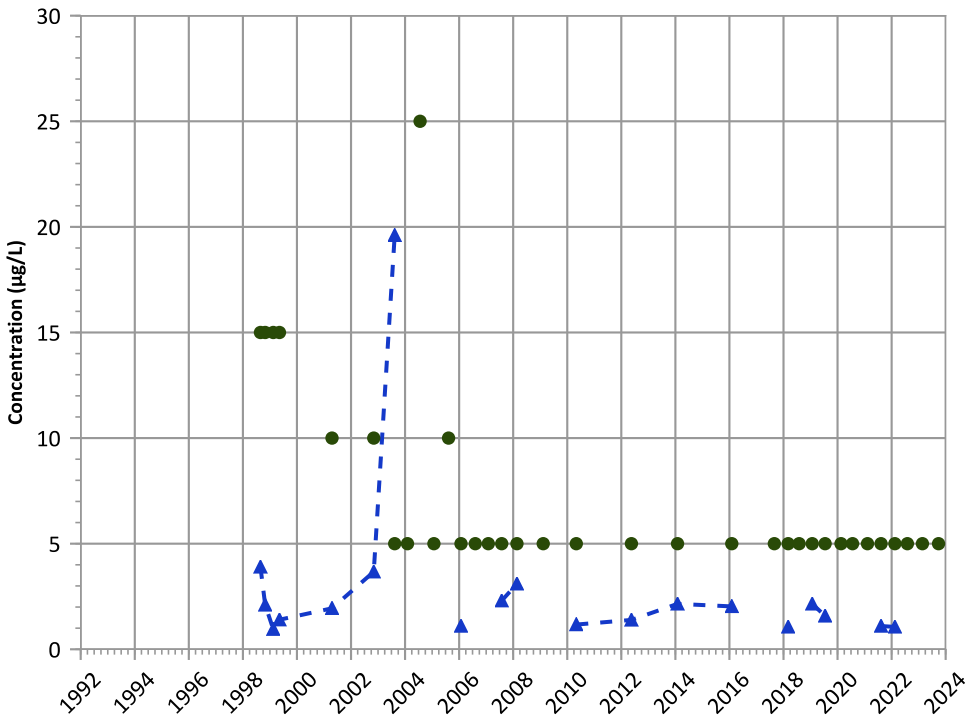
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

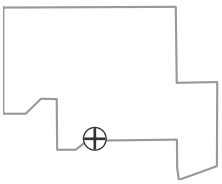
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

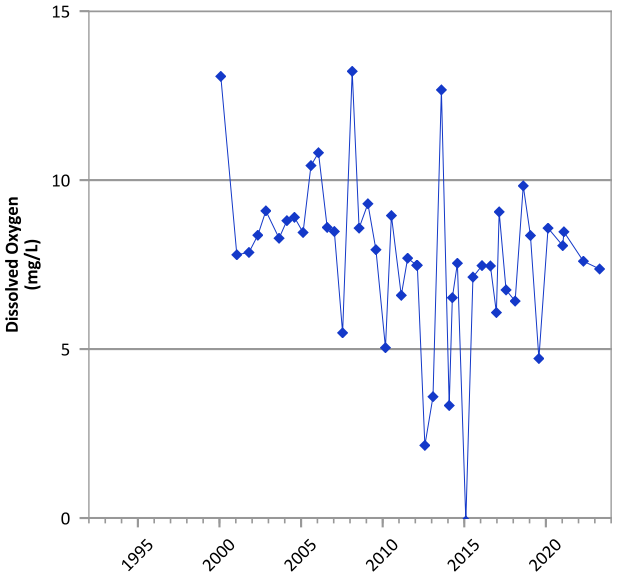
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/1998 to 09/27/2023
Analysis Date: 04/01/2024

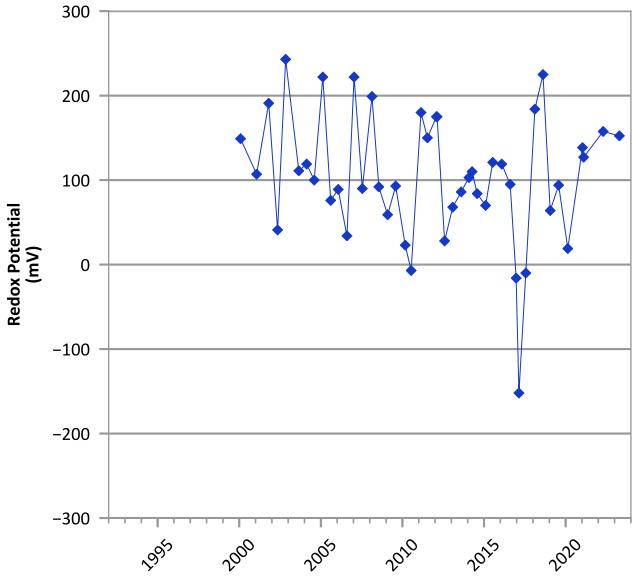
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

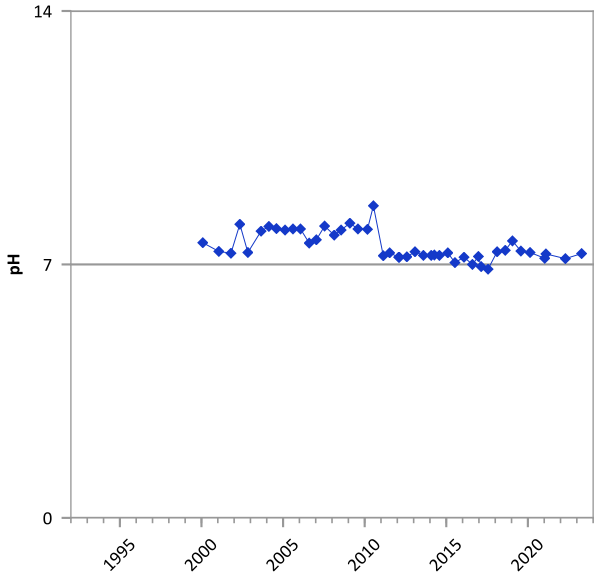
Well Location

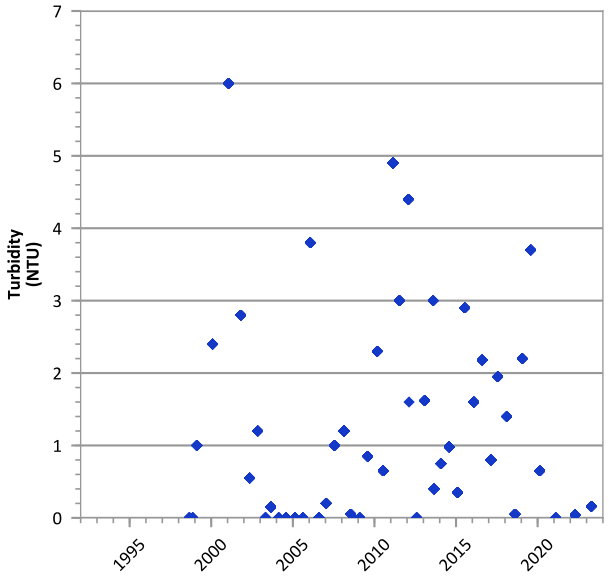


PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

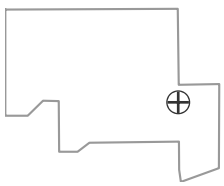






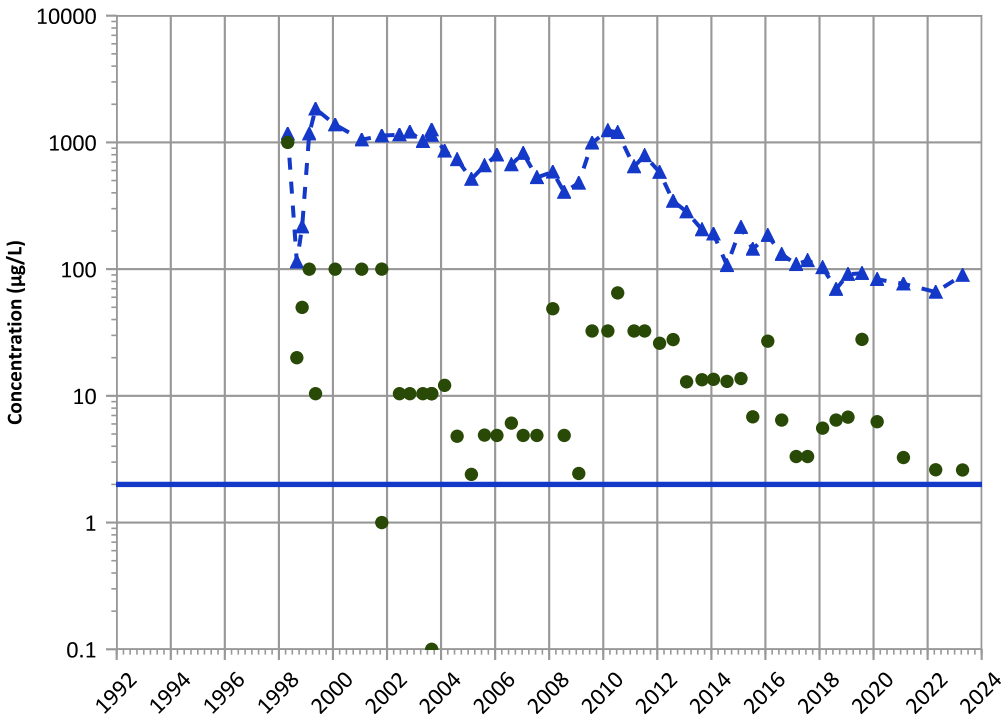


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

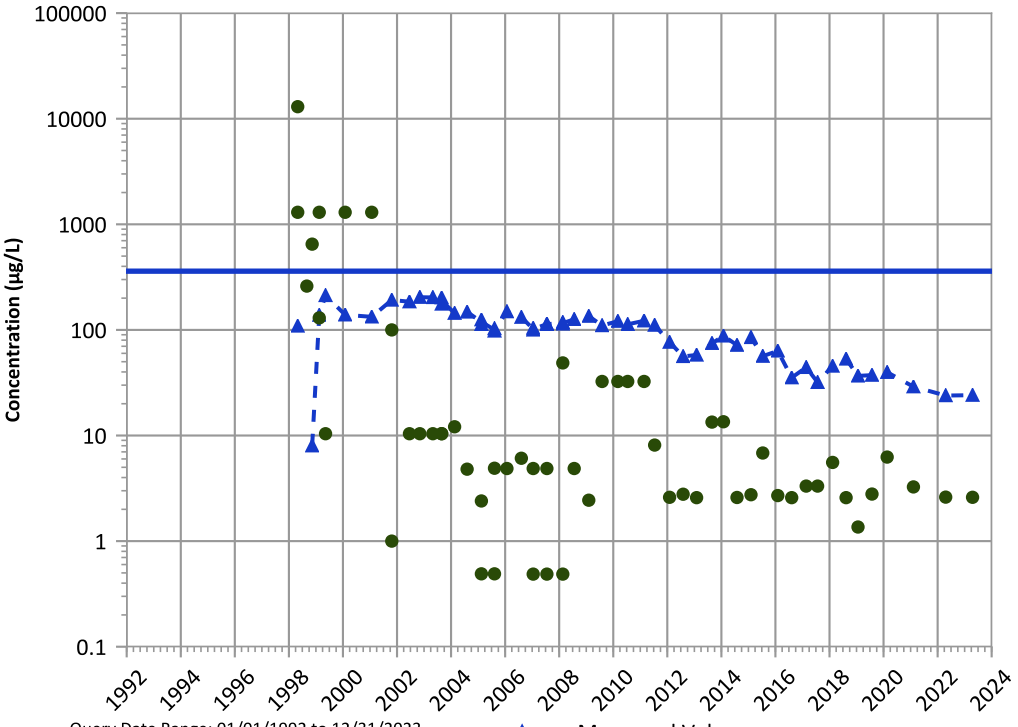


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

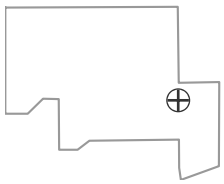
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

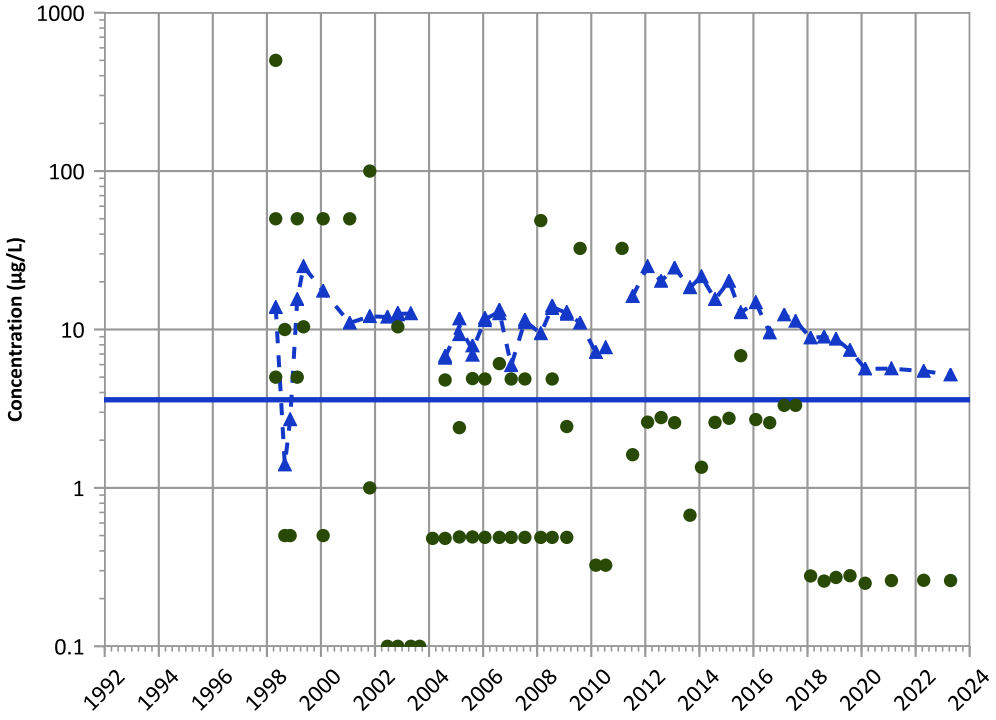
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

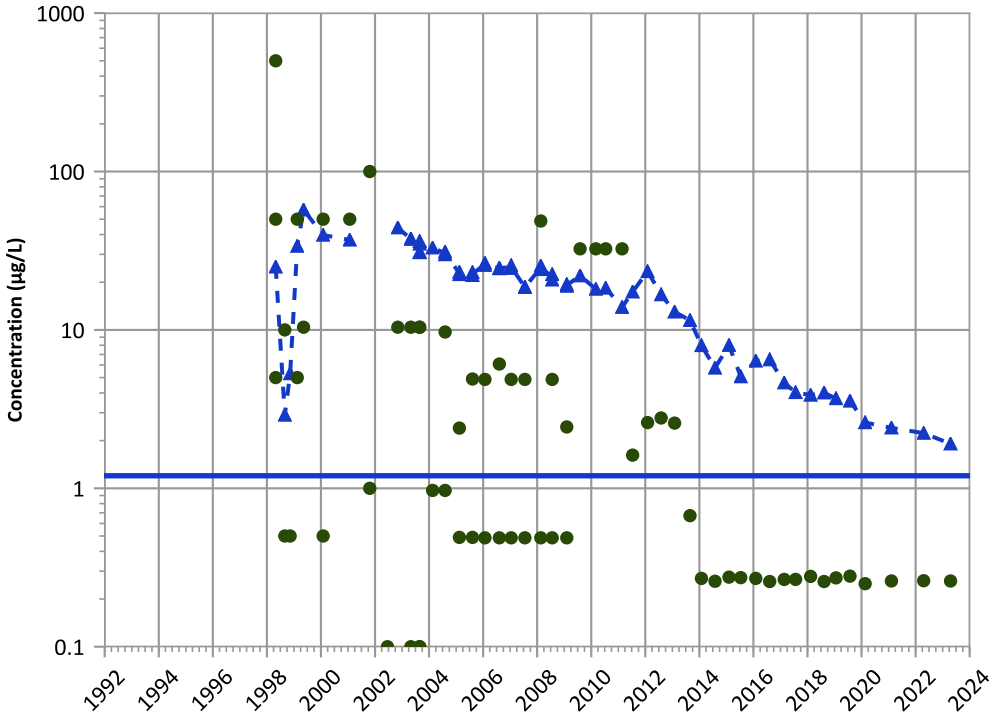


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

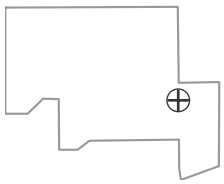
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

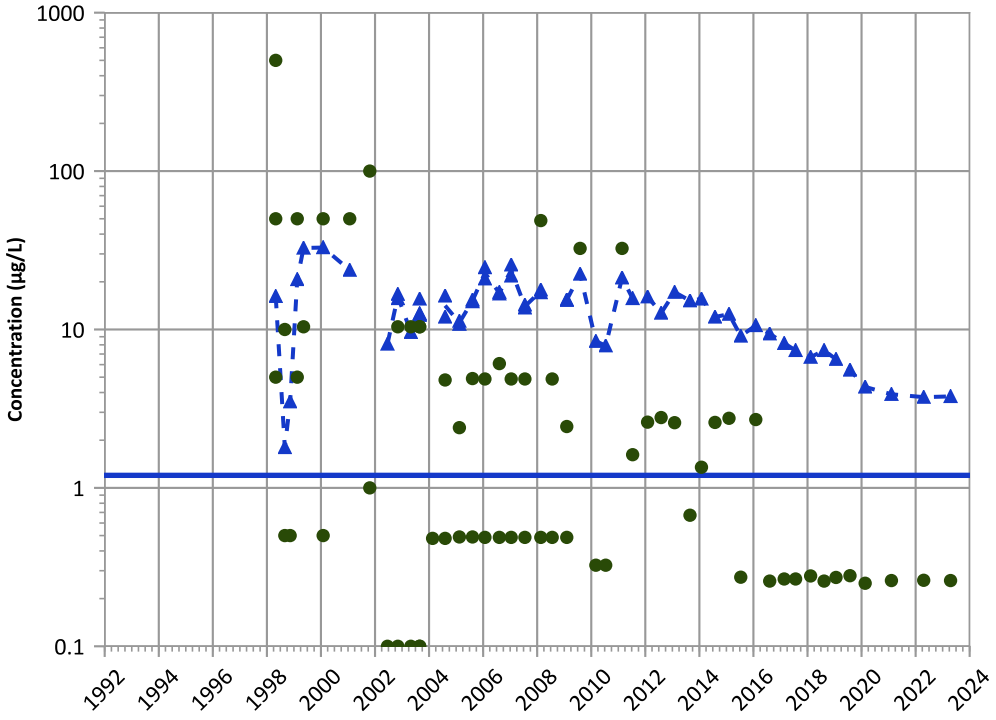
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

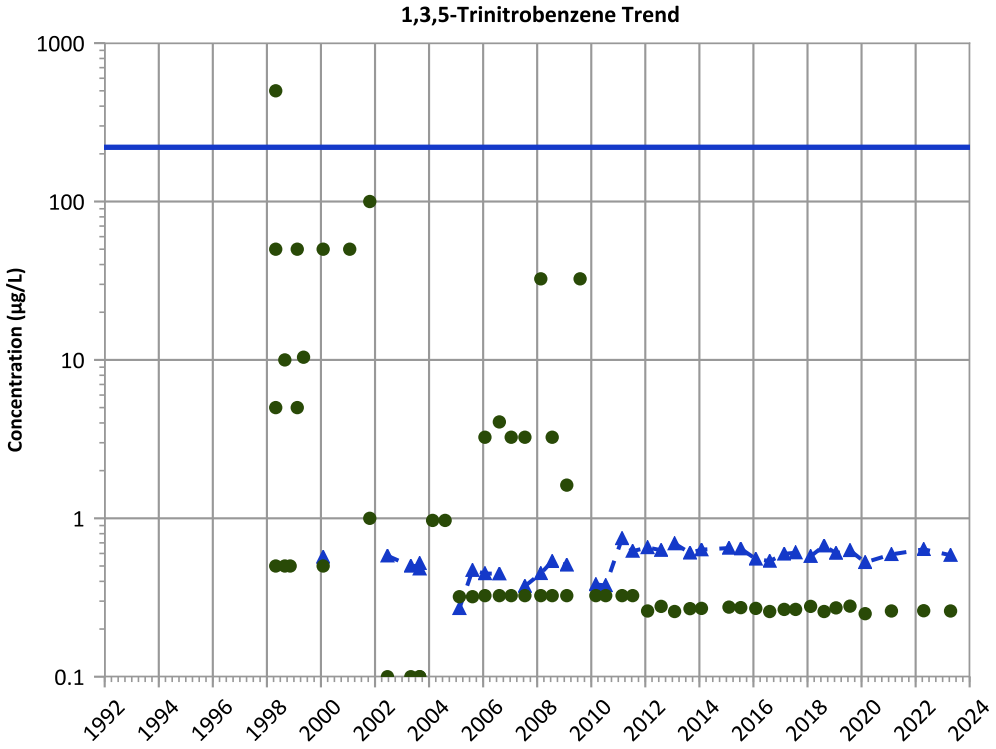


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

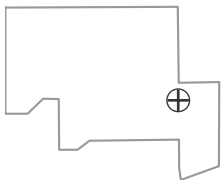
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

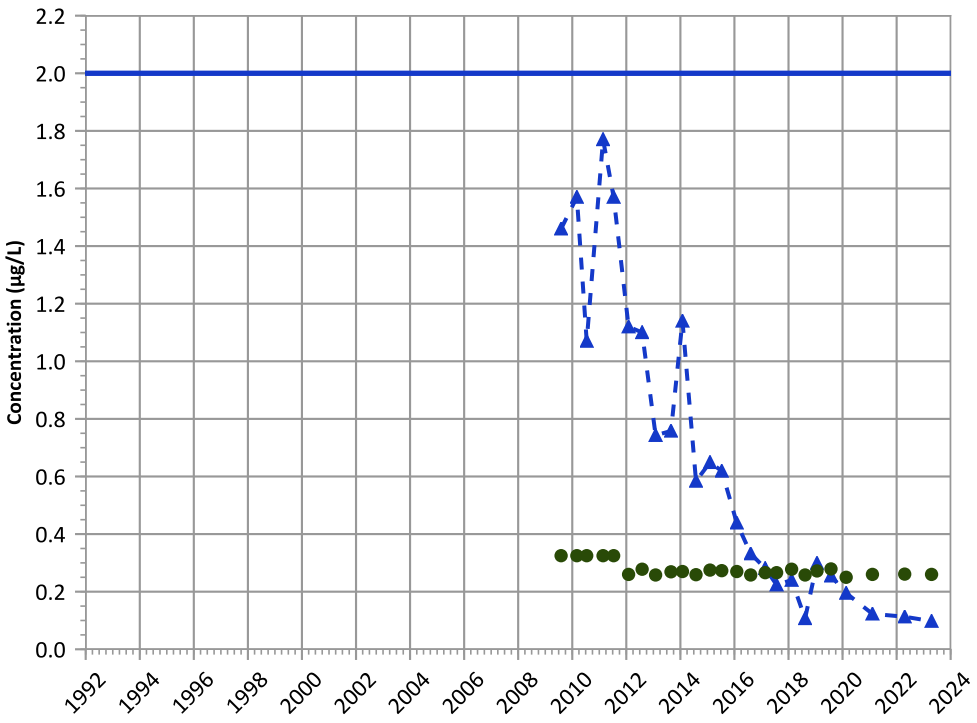
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

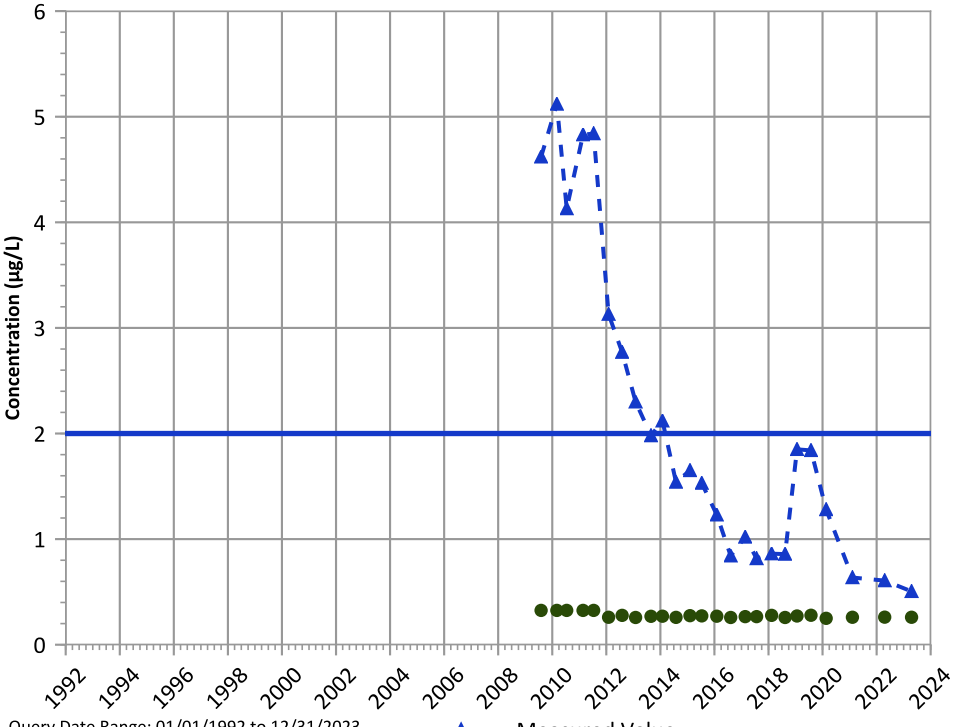


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

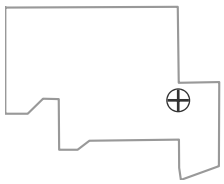
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

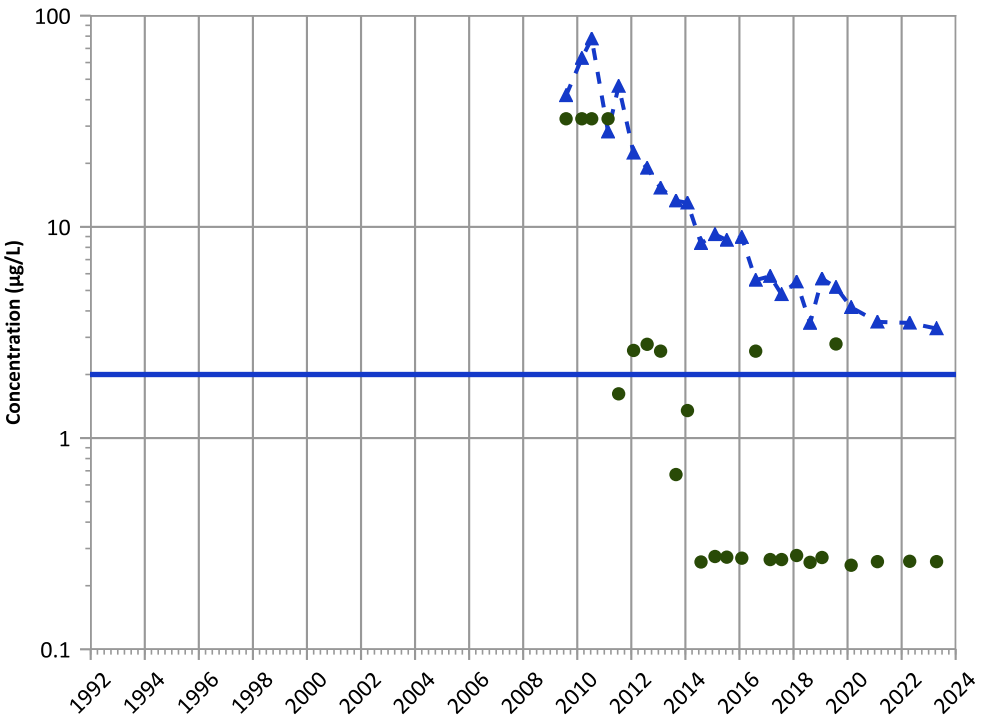
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

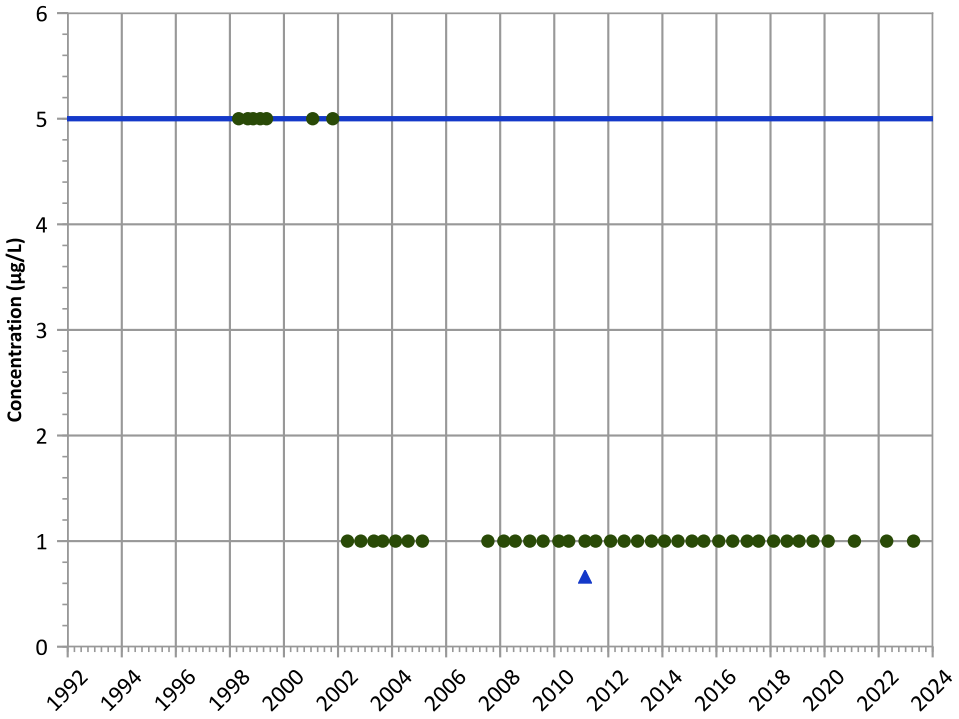


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

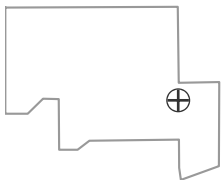
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

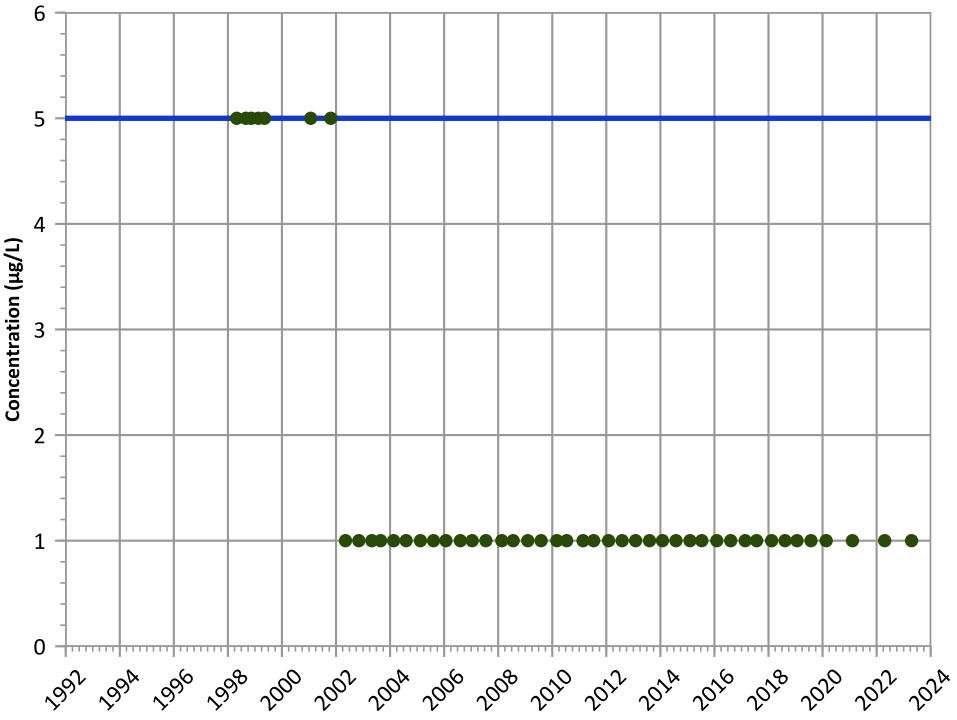
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

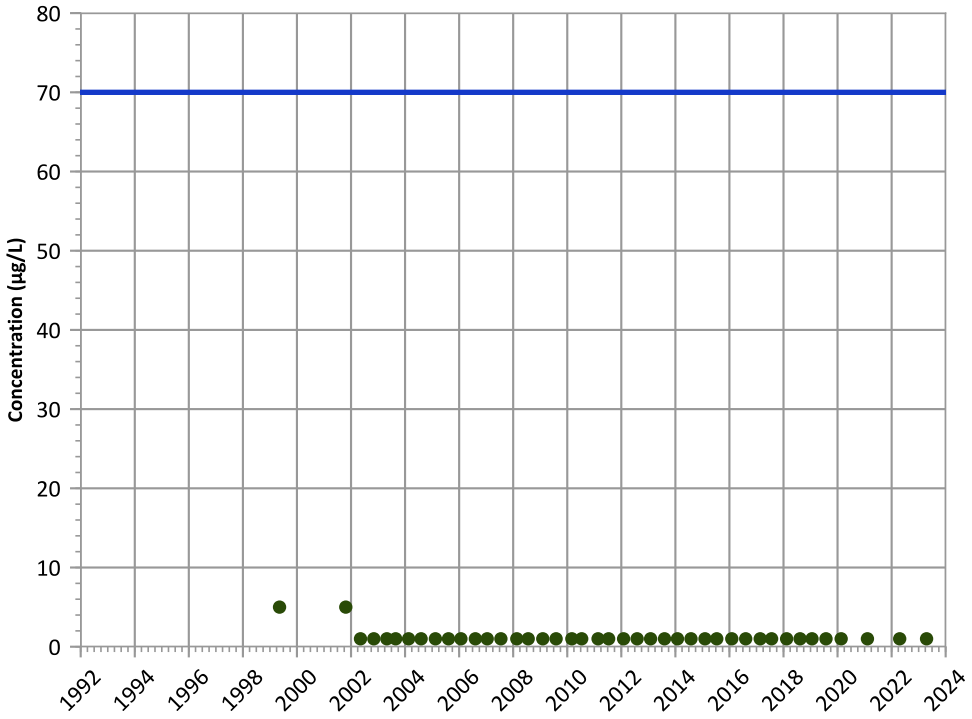
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



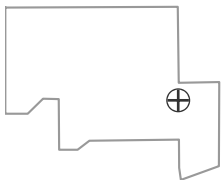
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

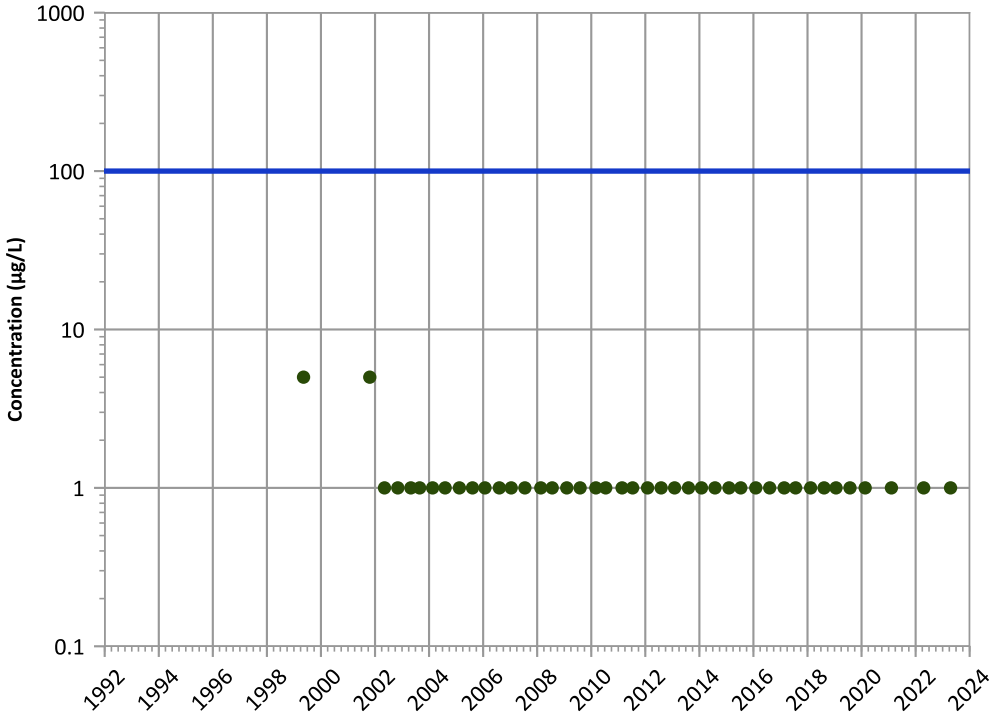
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

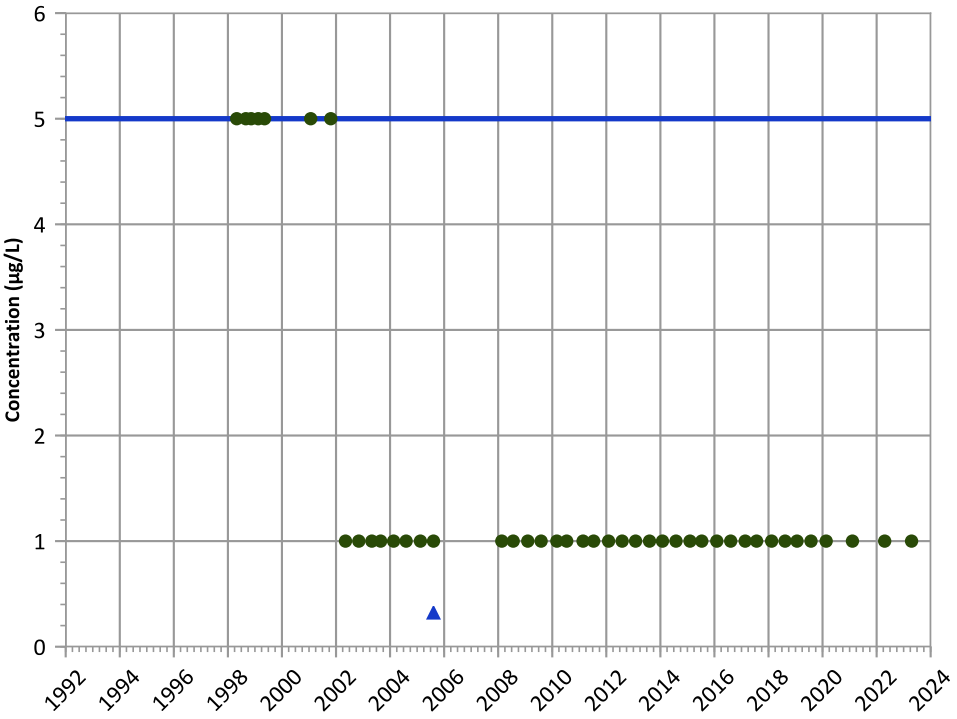


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

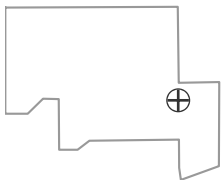
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

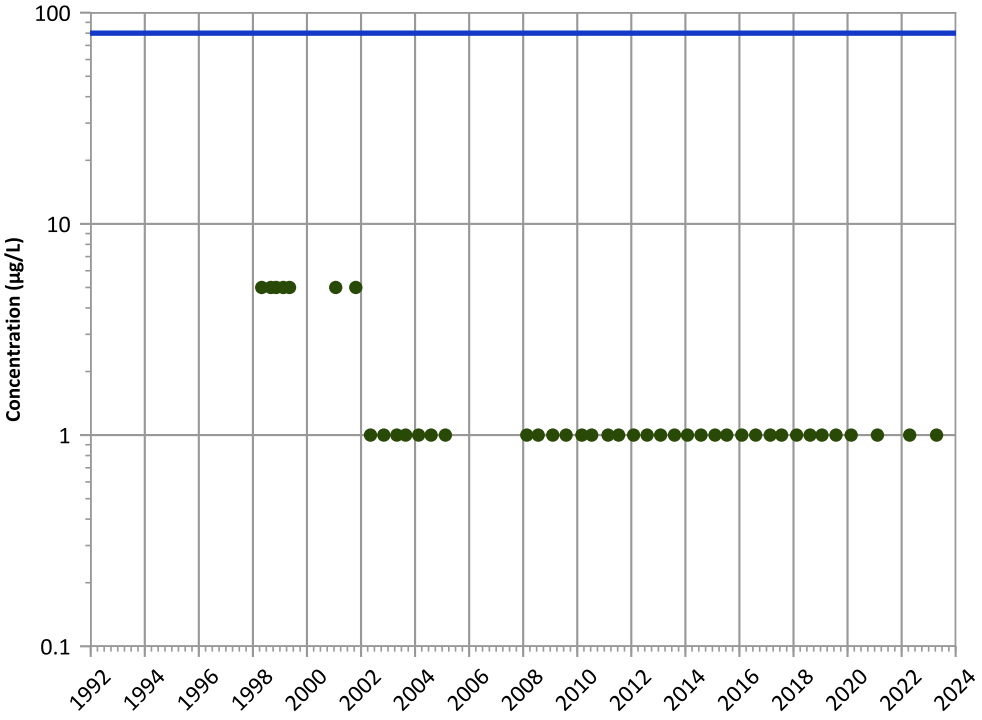
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

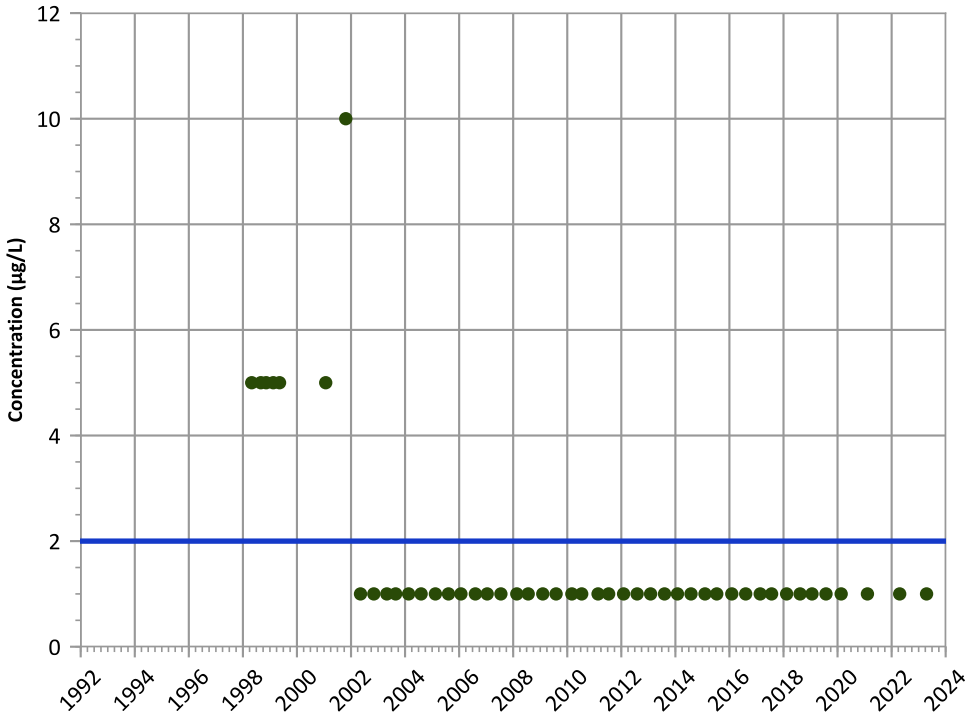
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



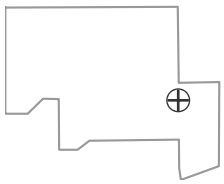
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

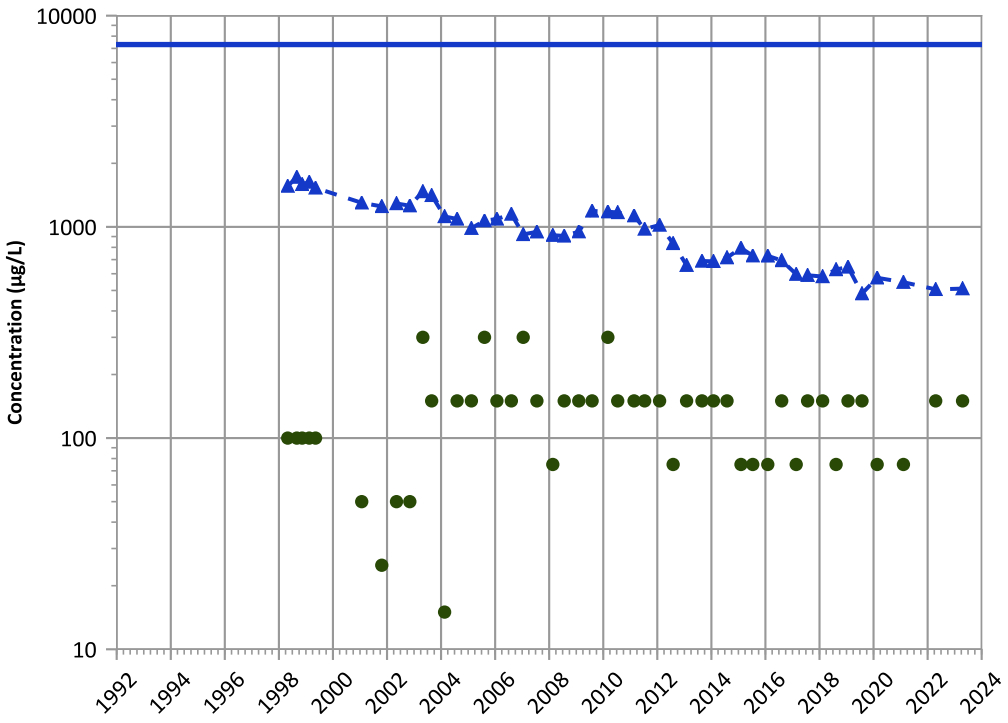
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

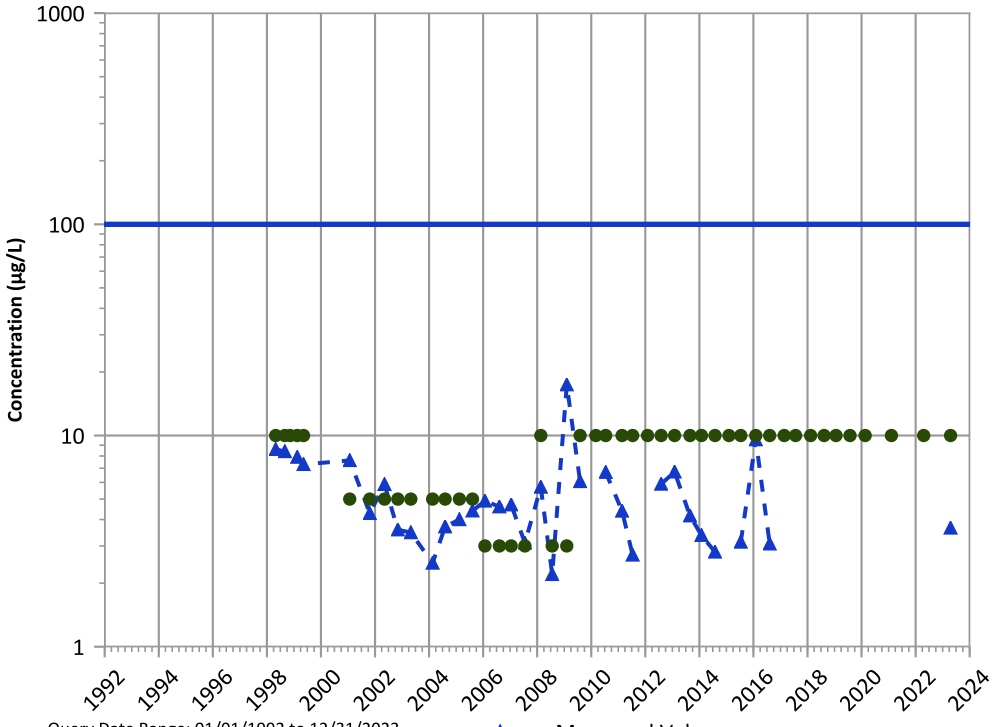


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chromium, Total Trend



Concentration Trend

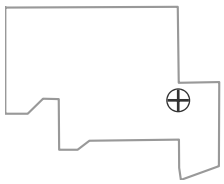
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

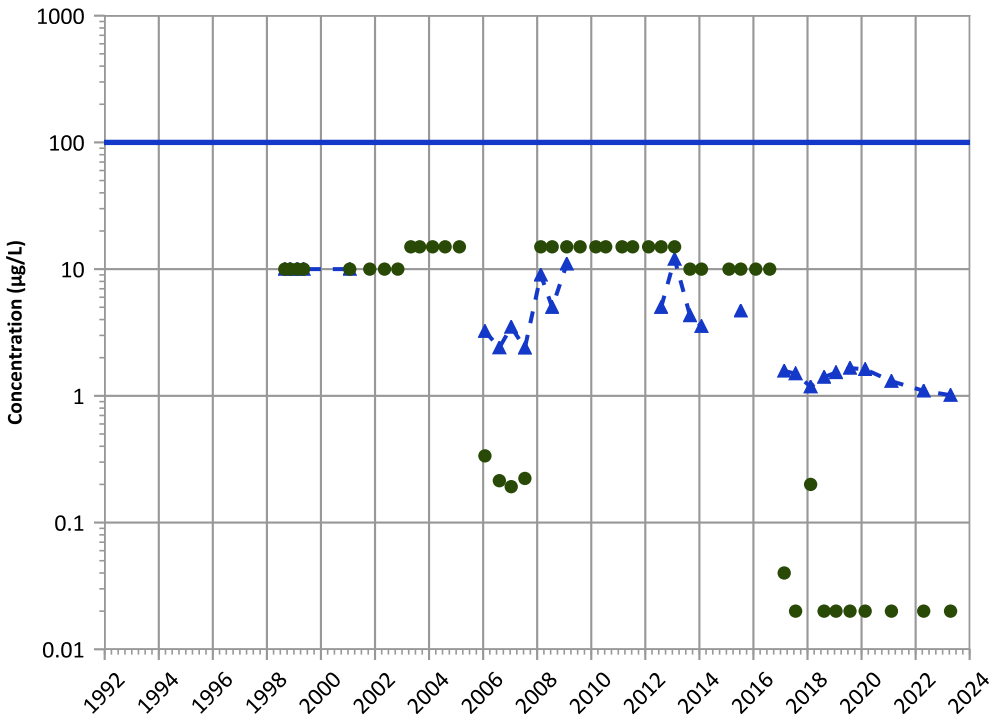
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

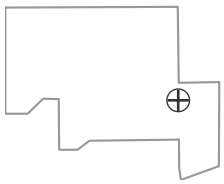
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

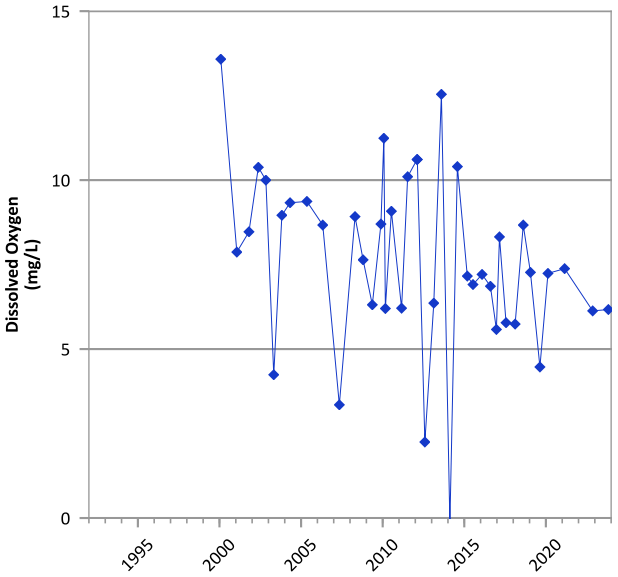
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/30/1998 to 04/18/2023
Analysis Date: 04/01/2024

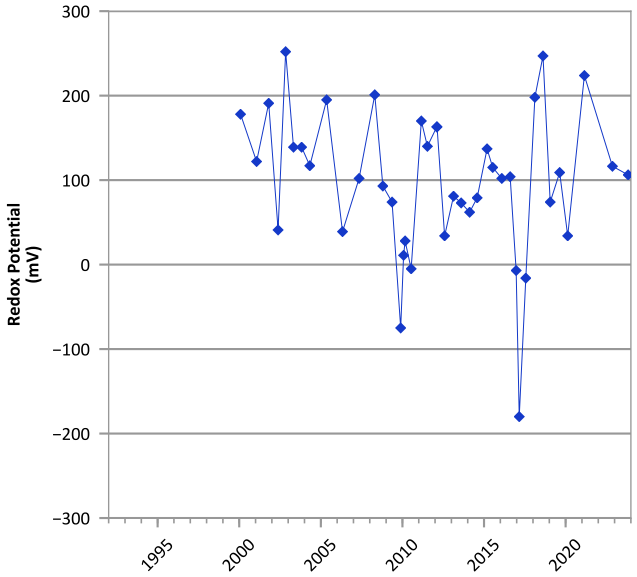
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

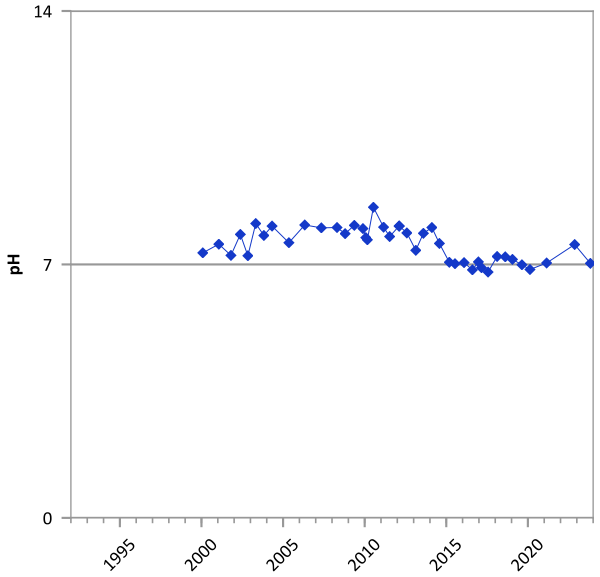
Well Location

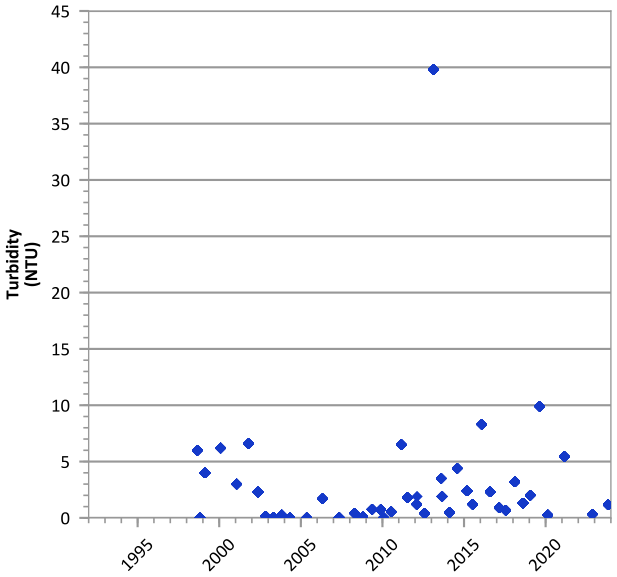


PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

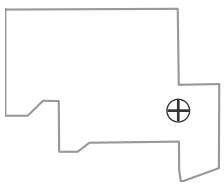






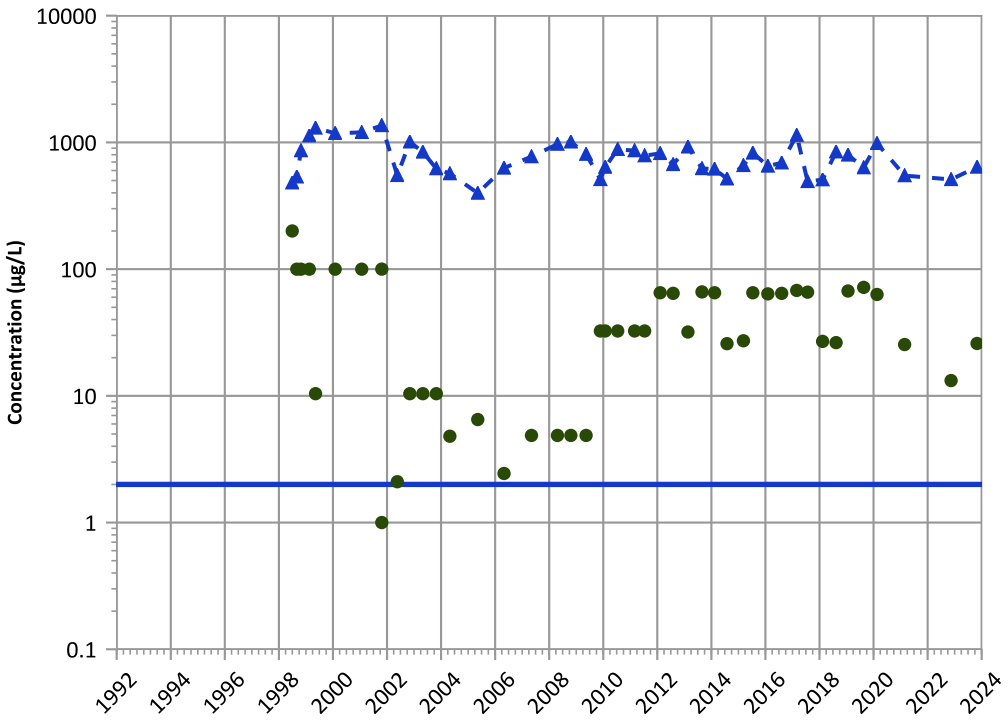


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

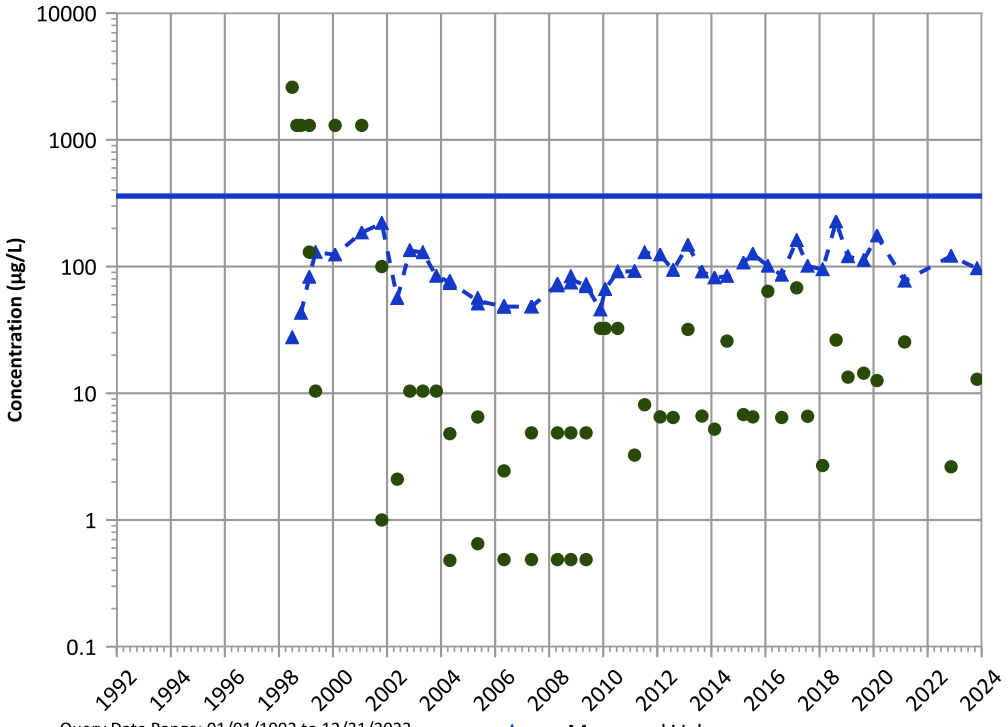


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

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



Concentration Trend

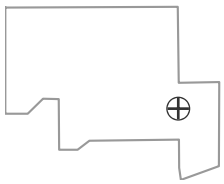
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

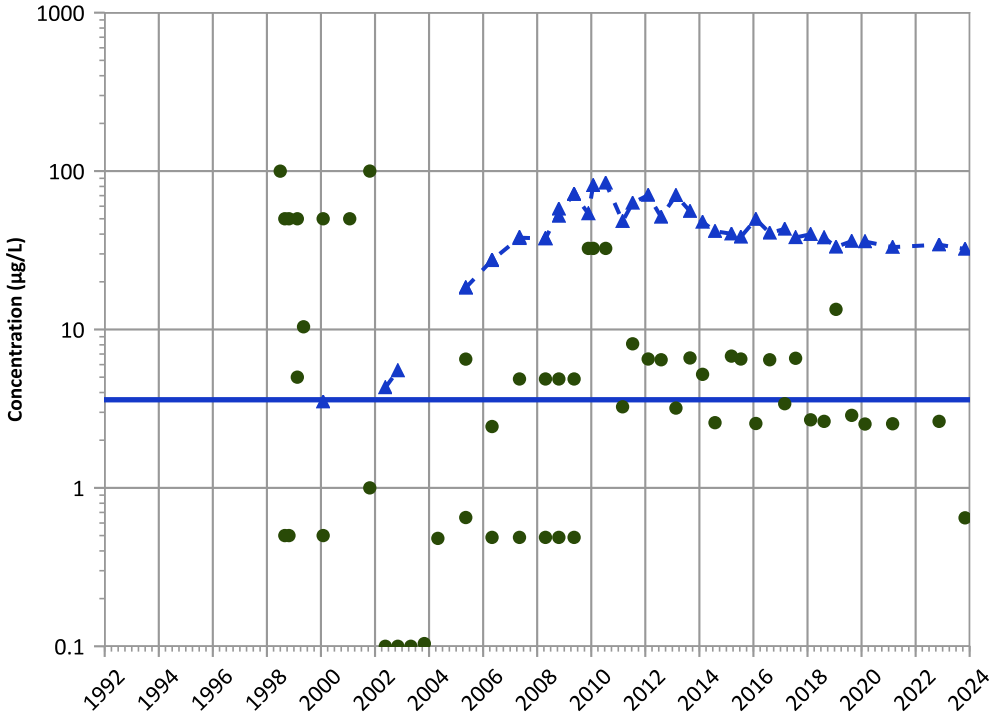
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

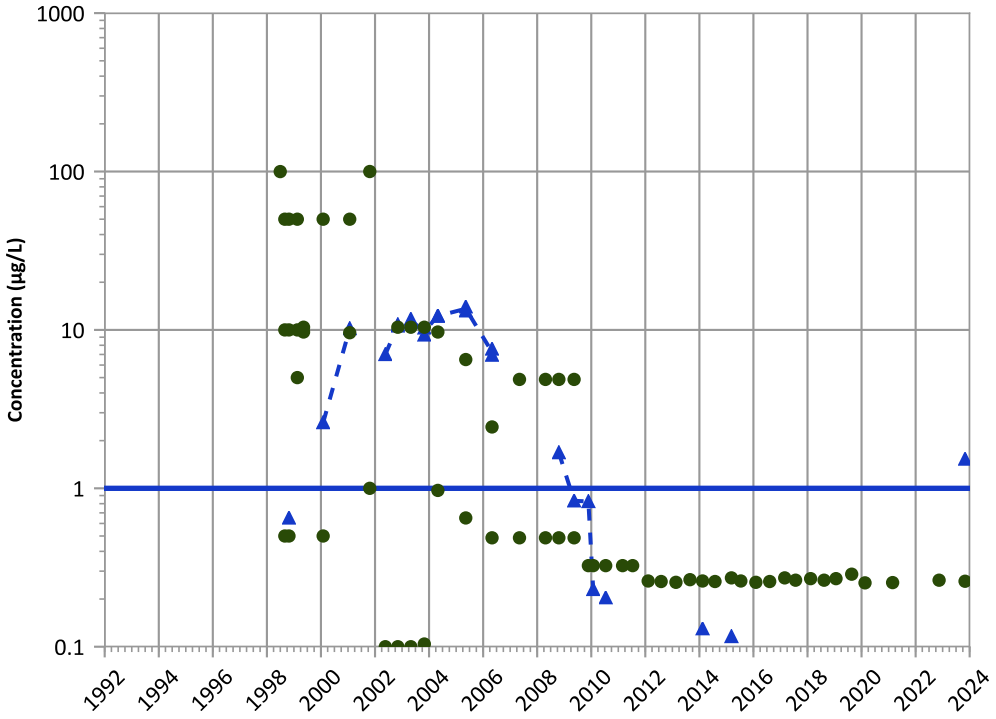


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

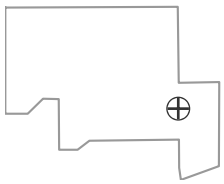
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

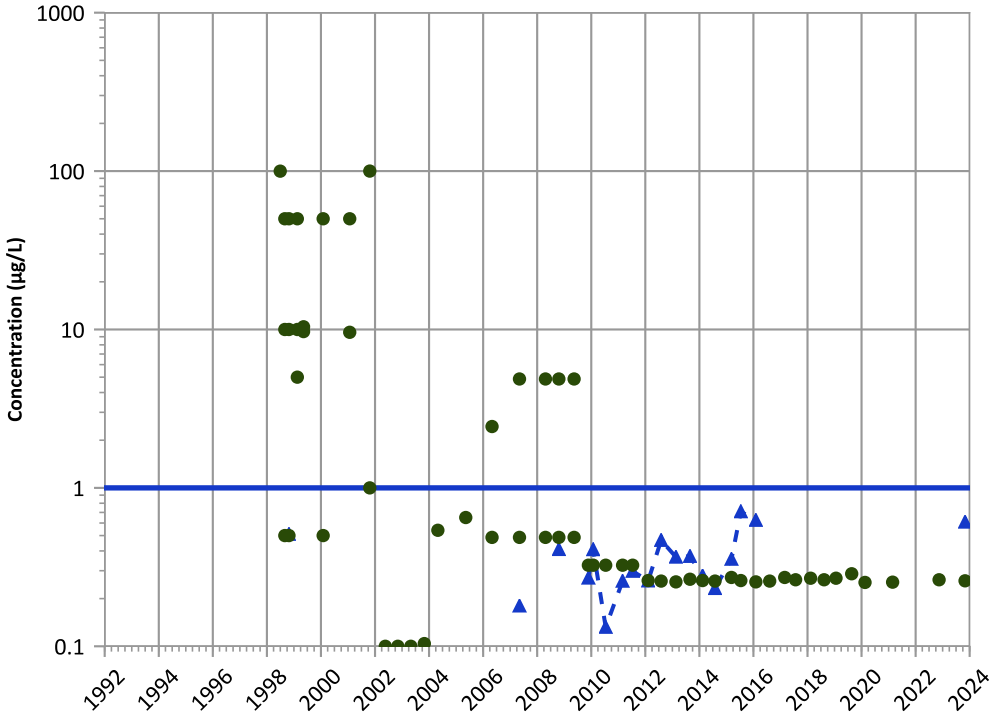
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

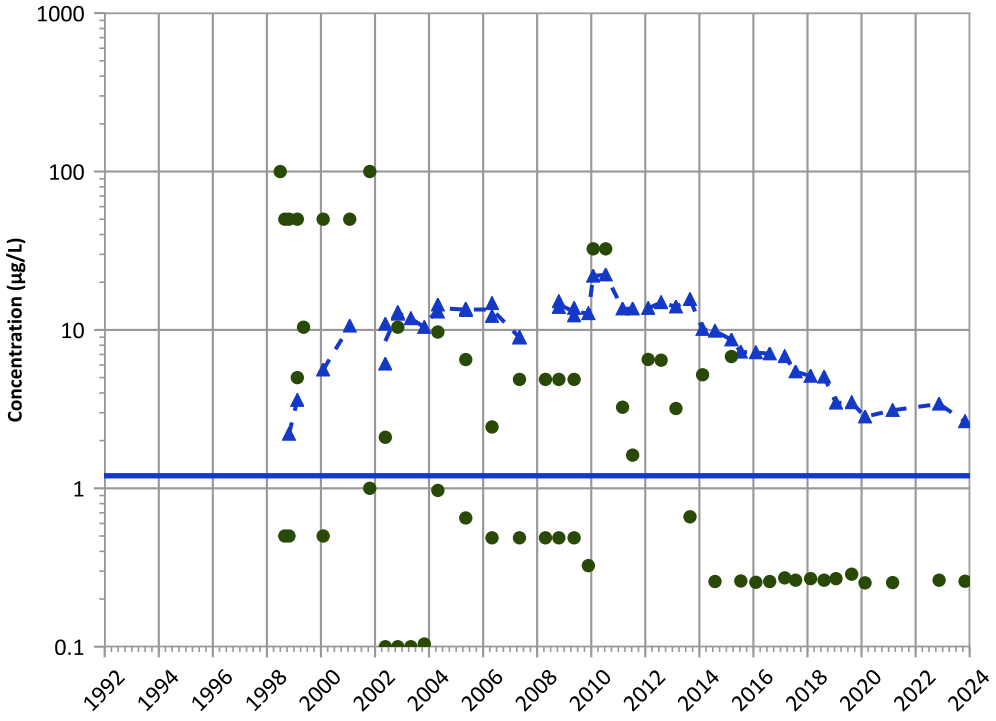


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

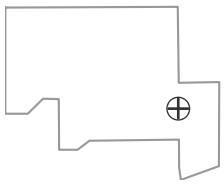
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

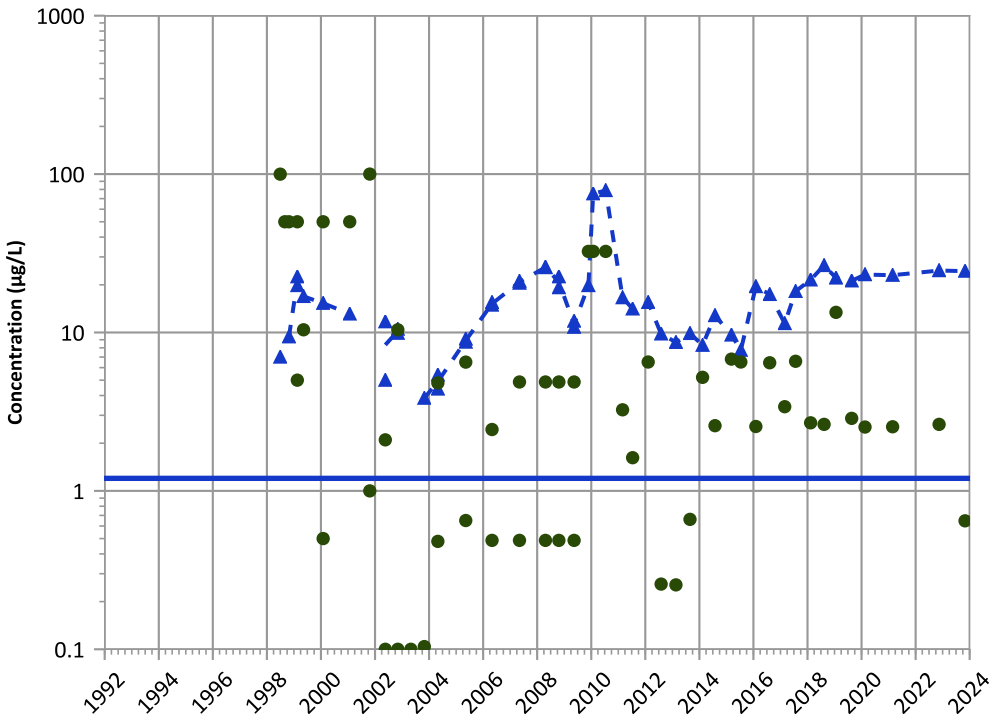
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

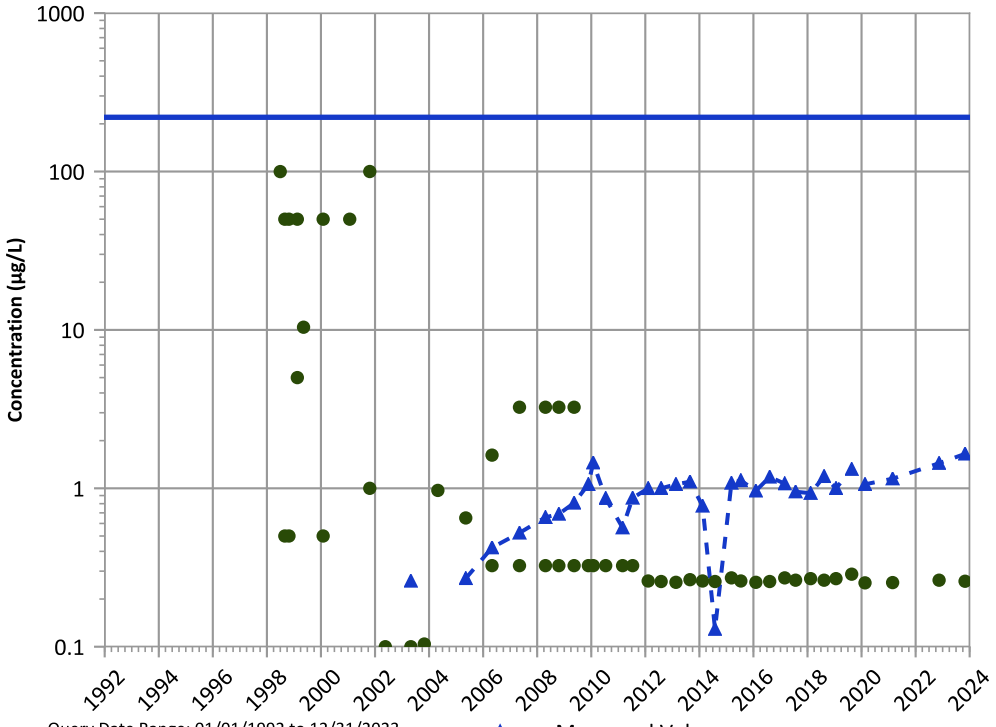


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

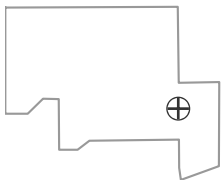
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

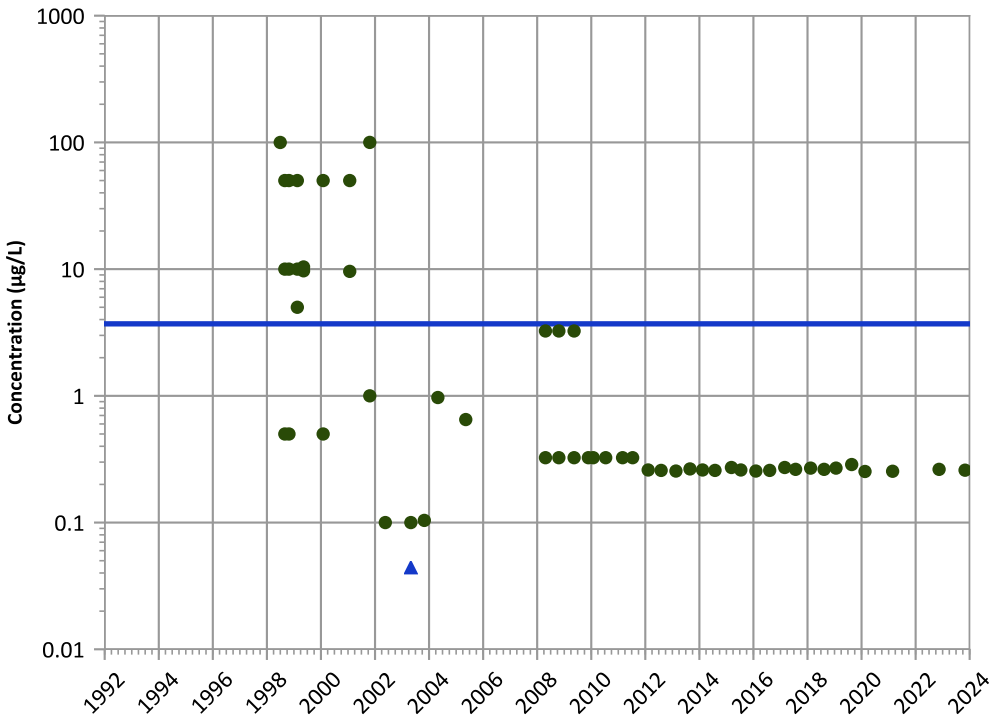
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

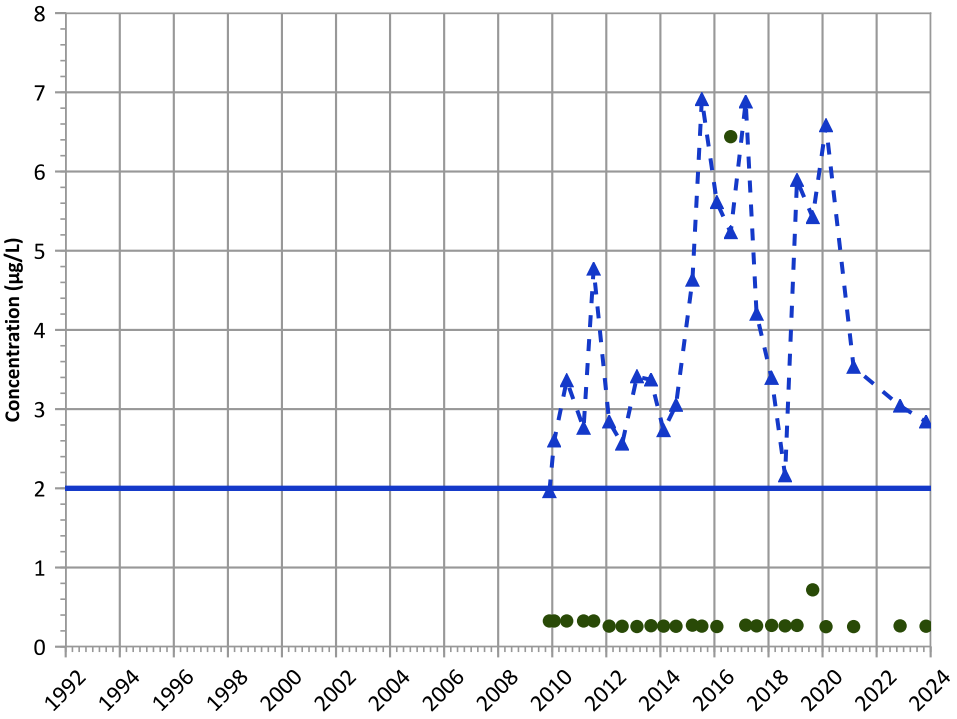


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

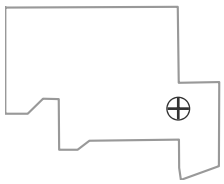
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

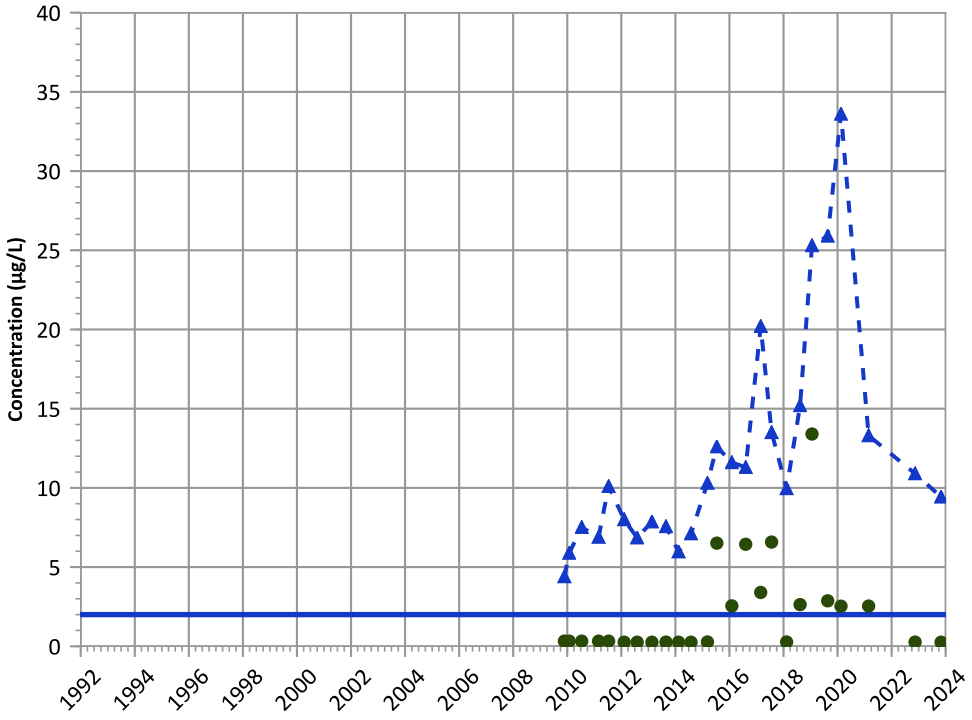
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

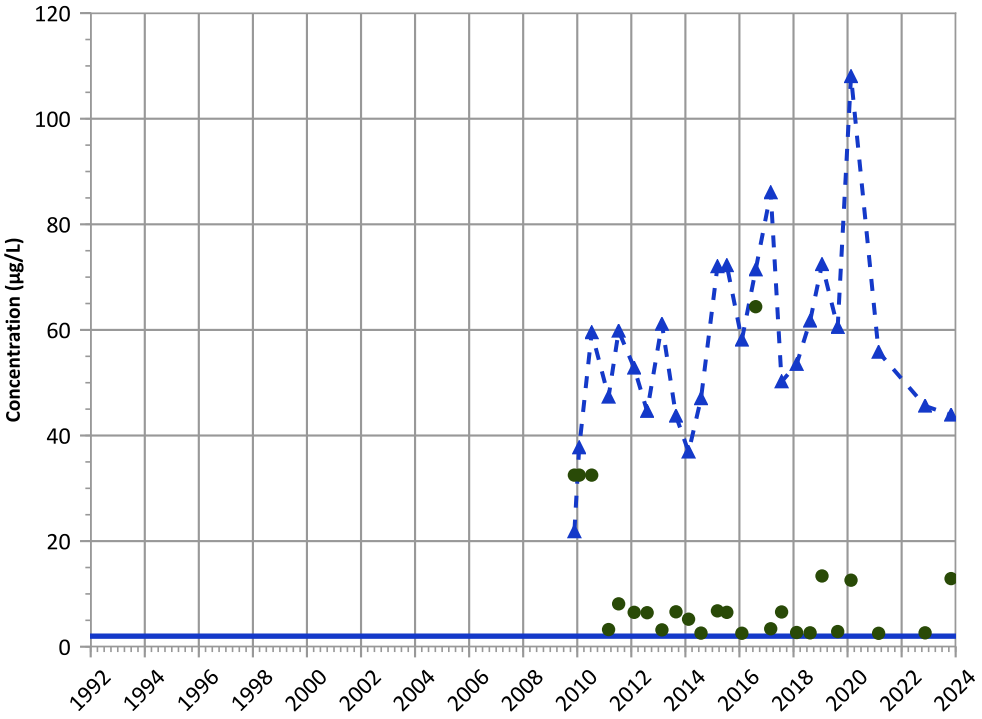


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

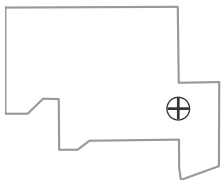
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

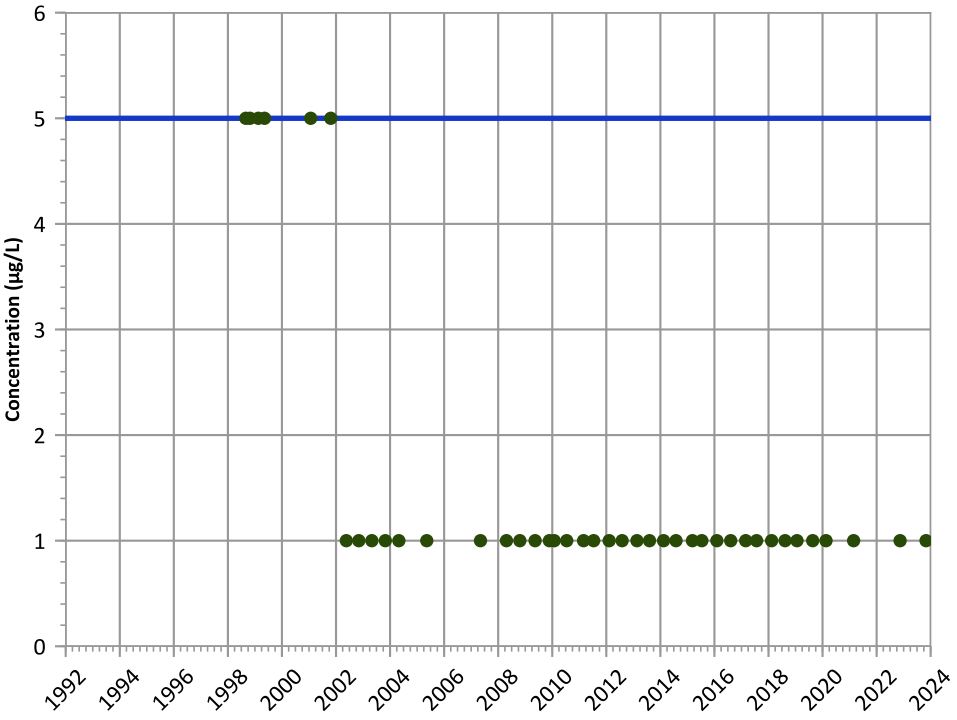
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

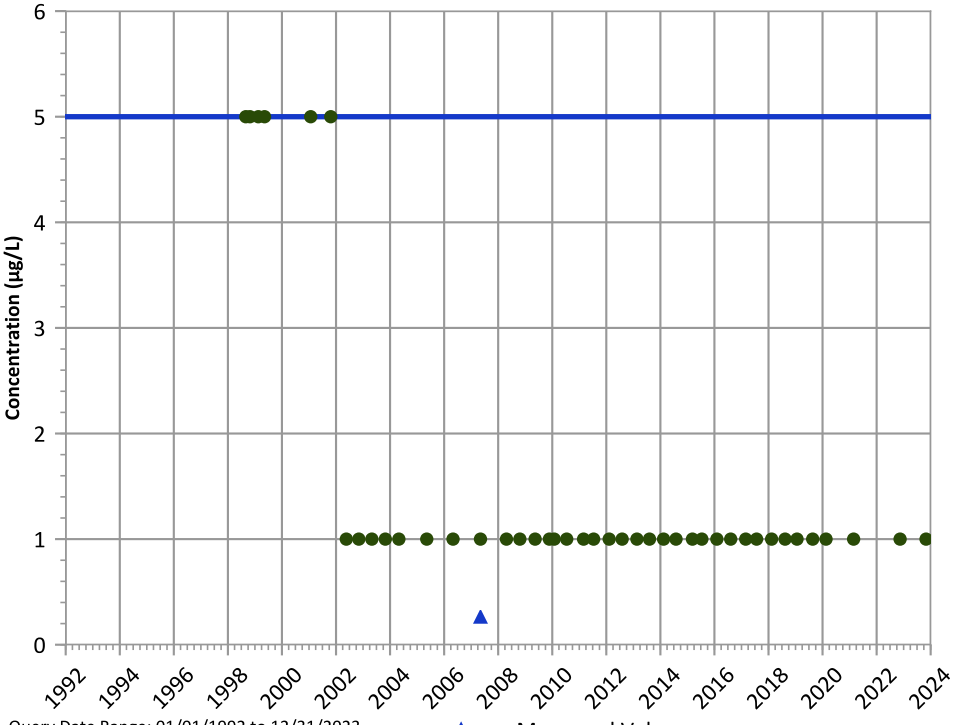


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

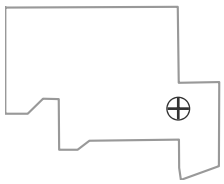
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

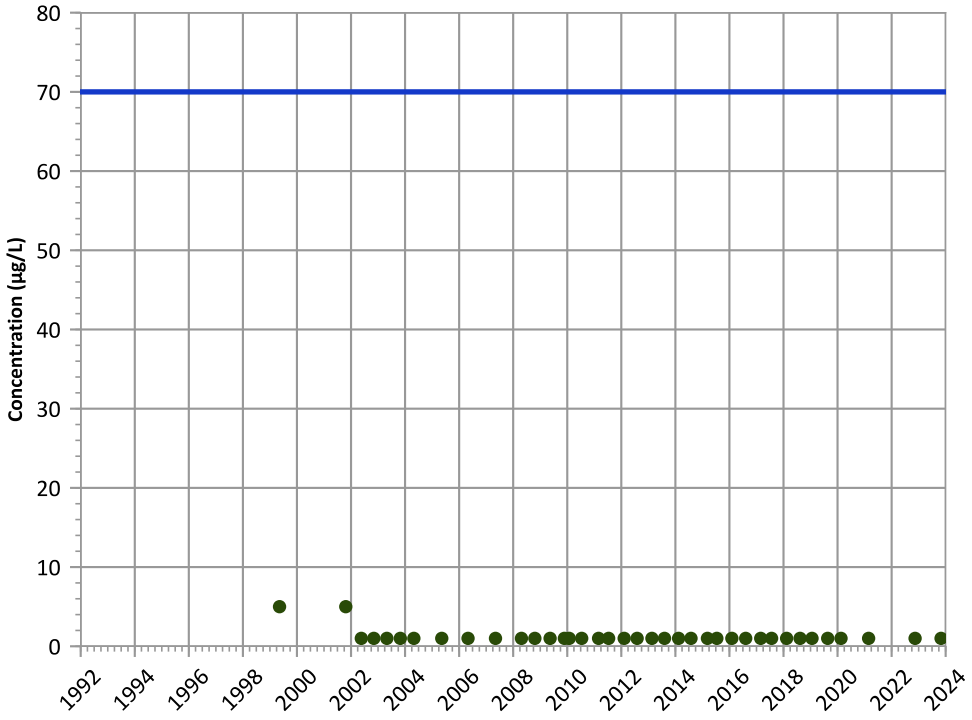
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

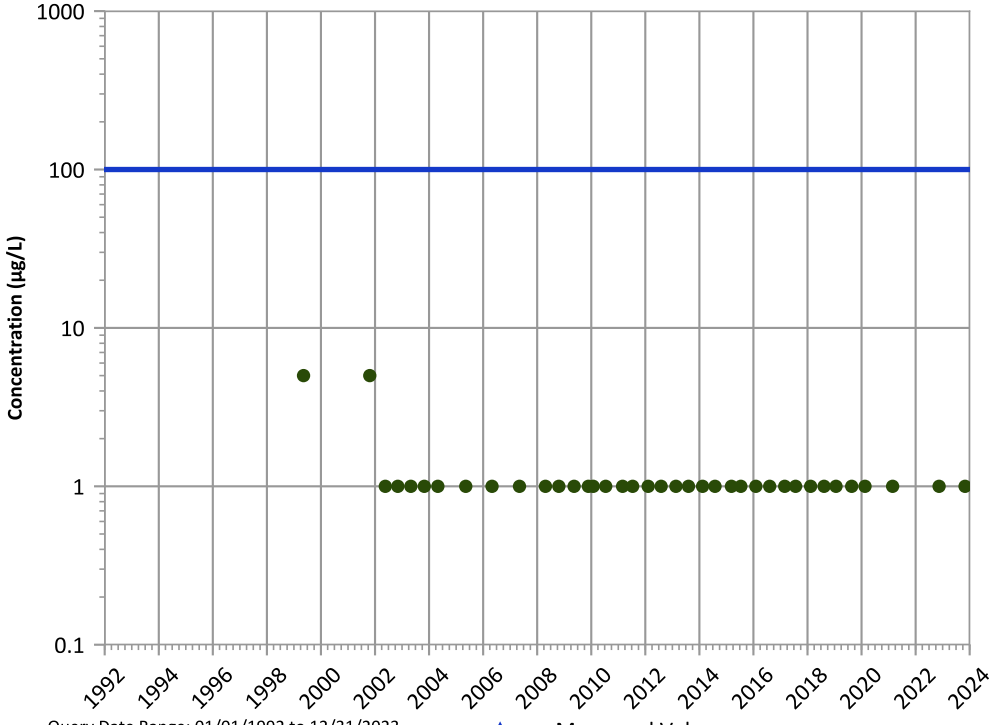
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



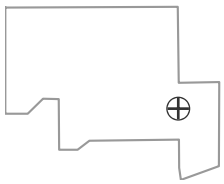
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

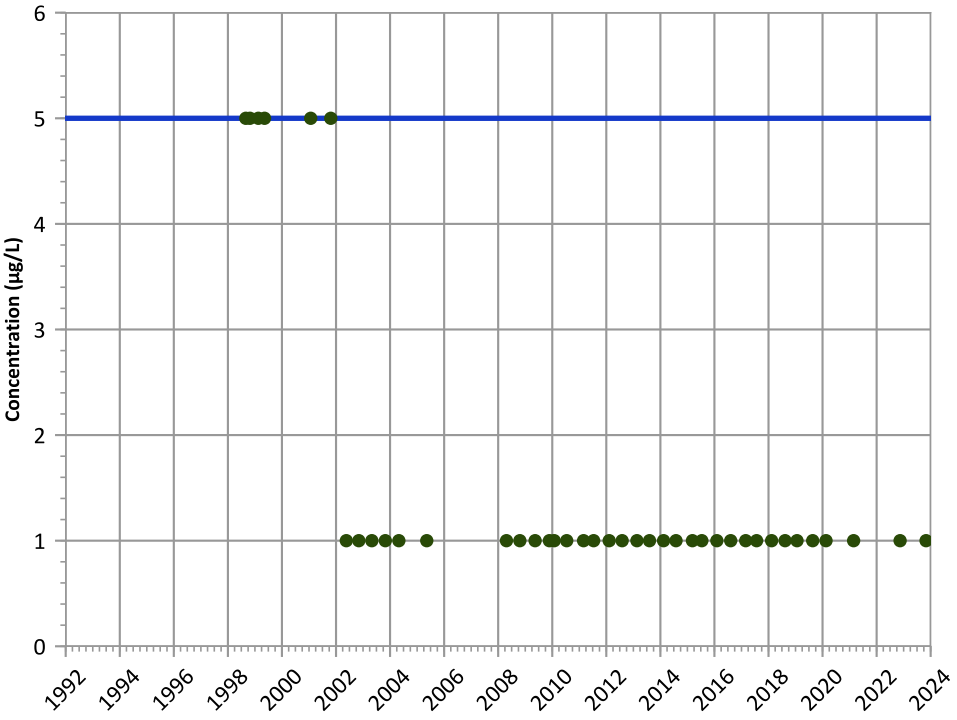
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

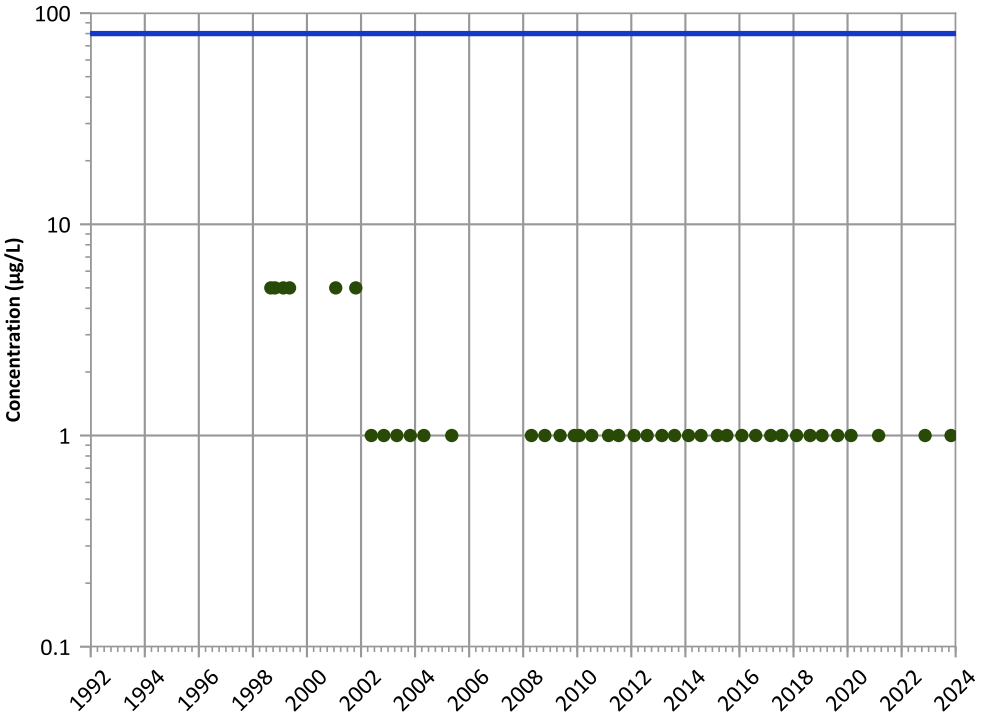


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

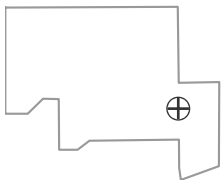
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

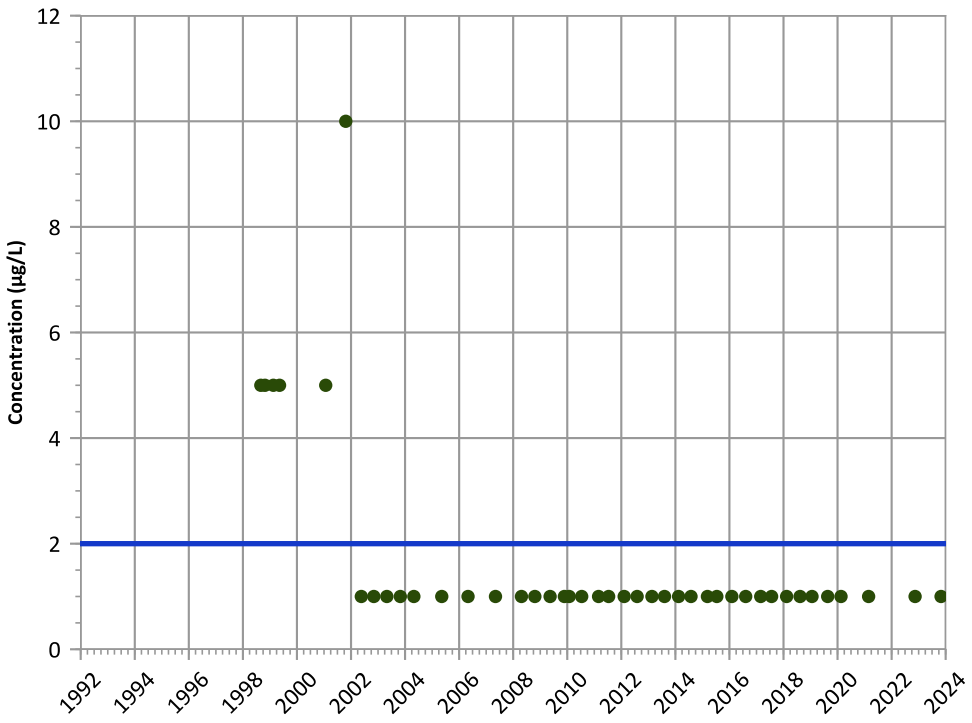
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

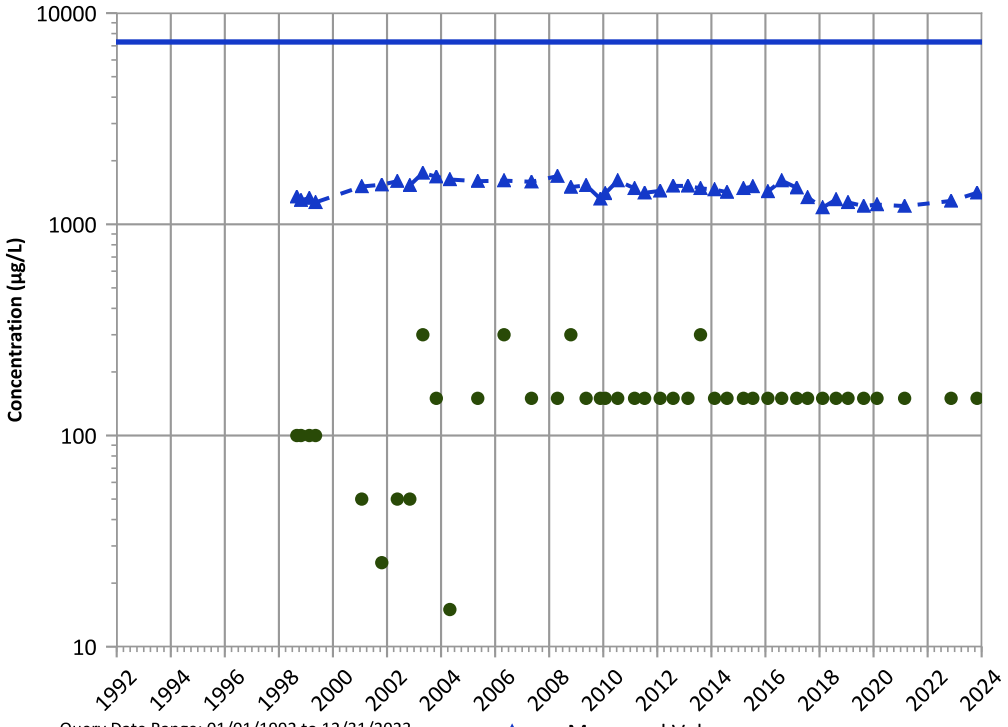


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

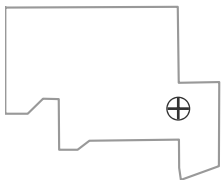
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

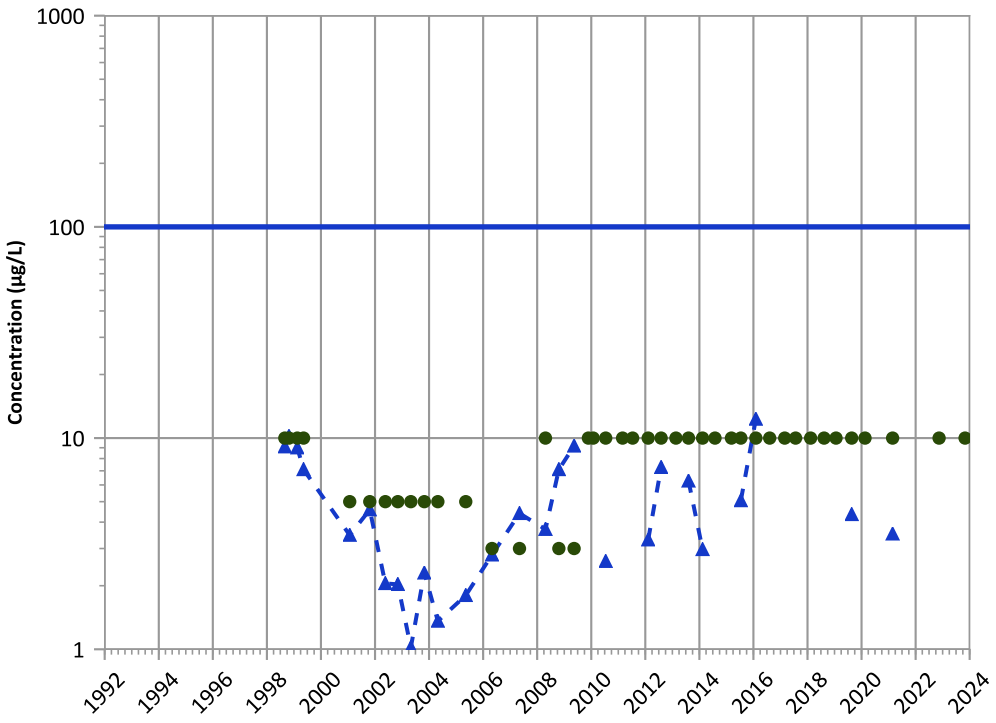
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

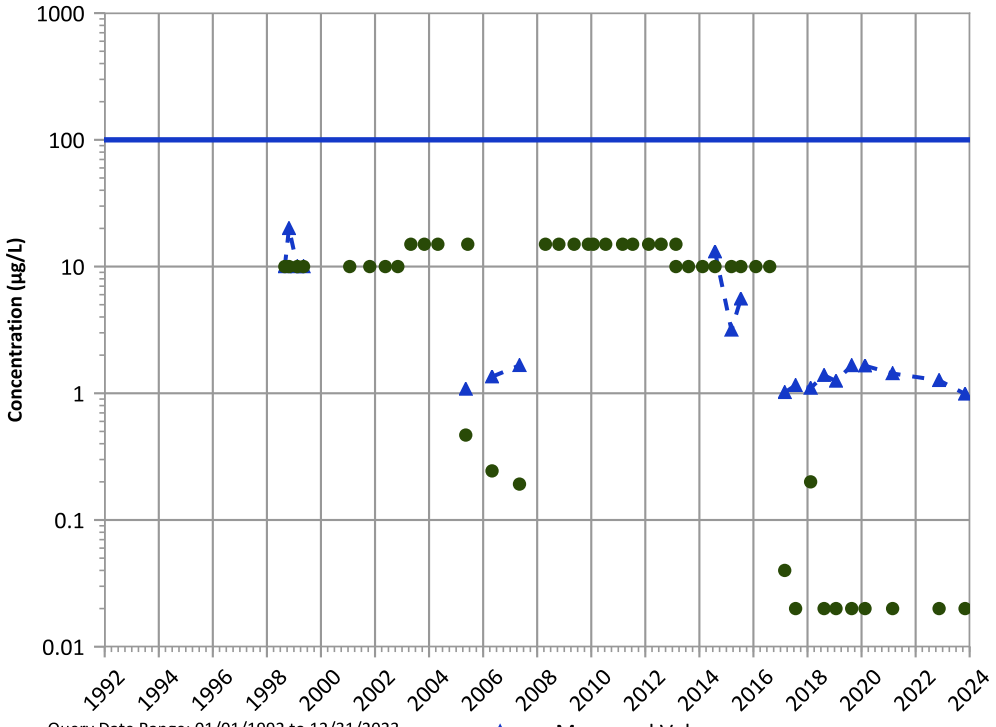


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

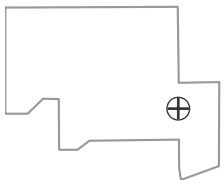
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

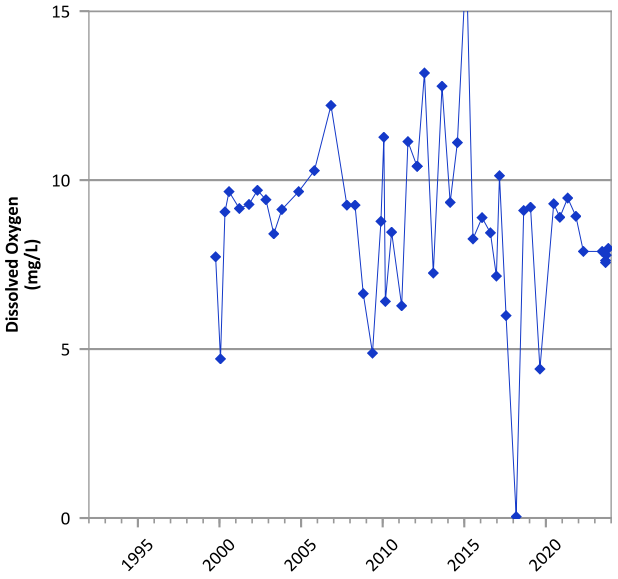
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/30/1998 to 10/31/2023
Analysis Date: 04/01/2024

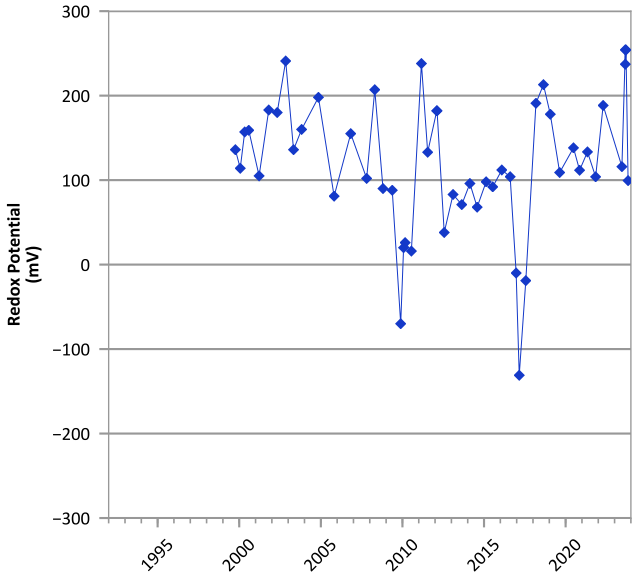
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

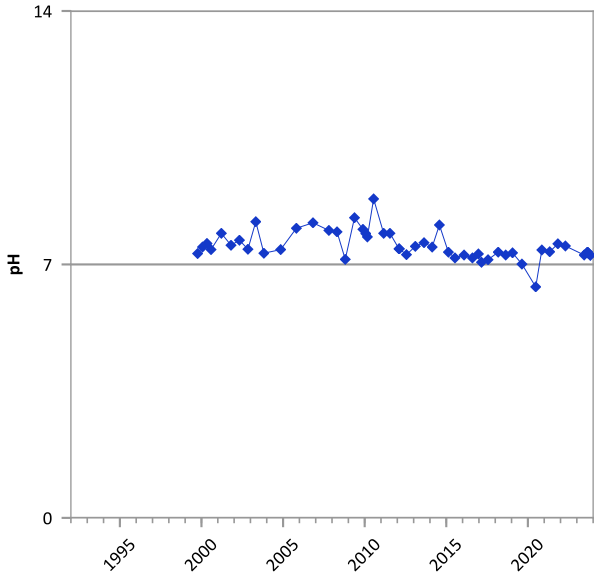
Well Location

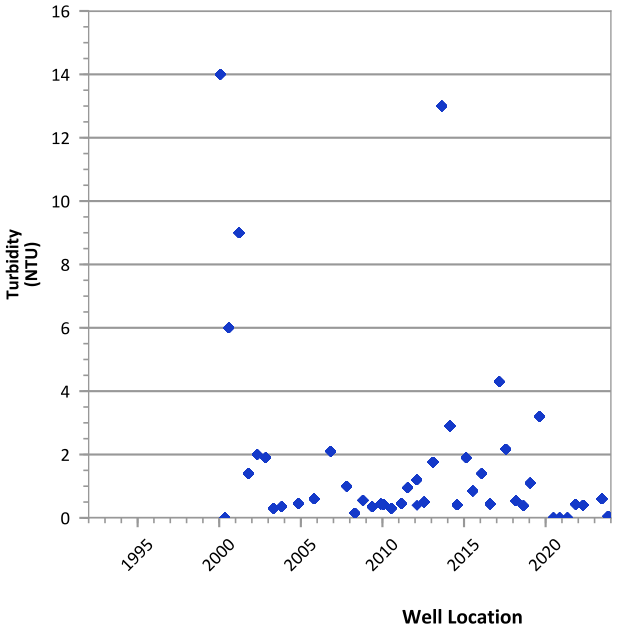


PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

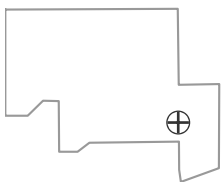






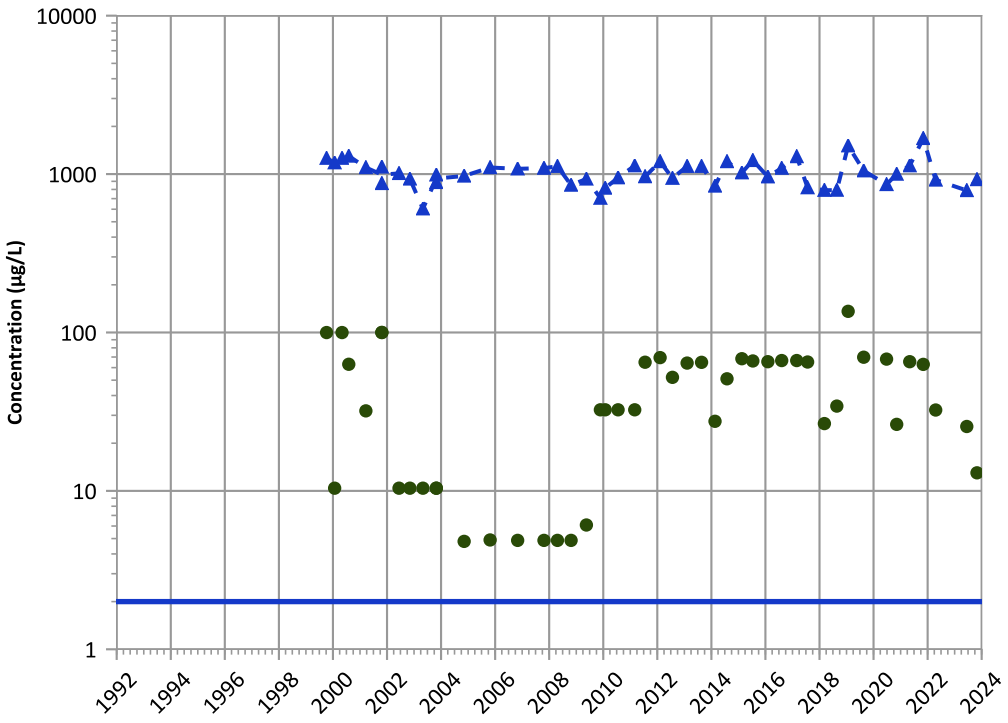


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

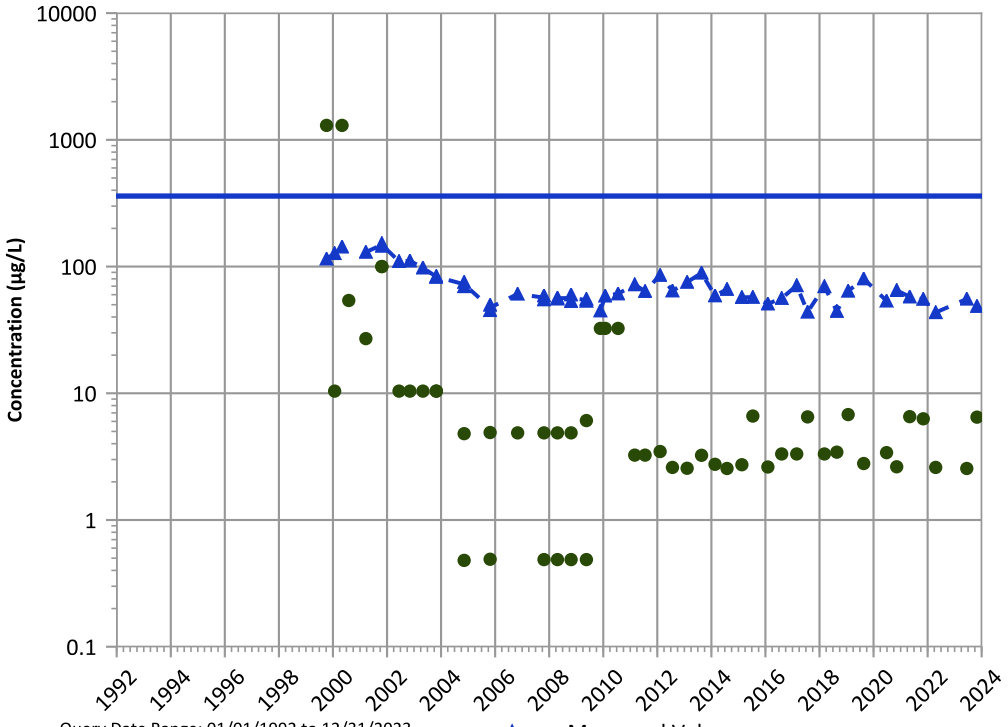


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

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



Concentration Trend

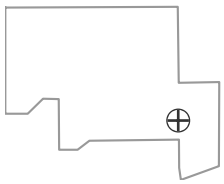
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

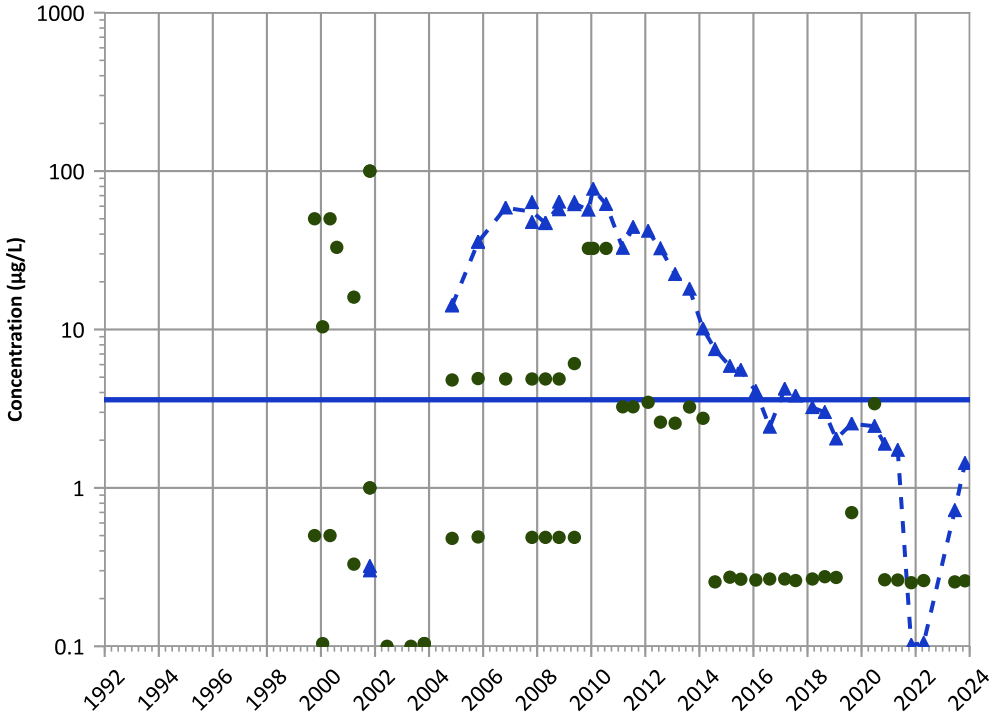
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

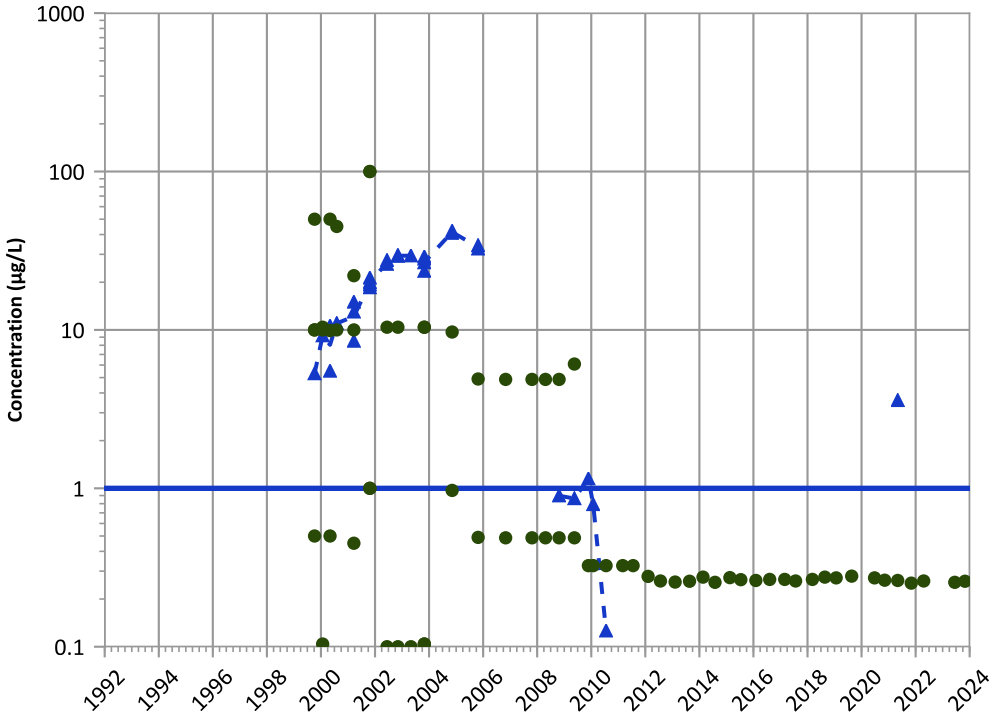


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

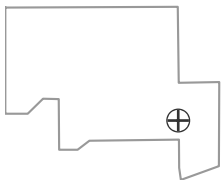
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

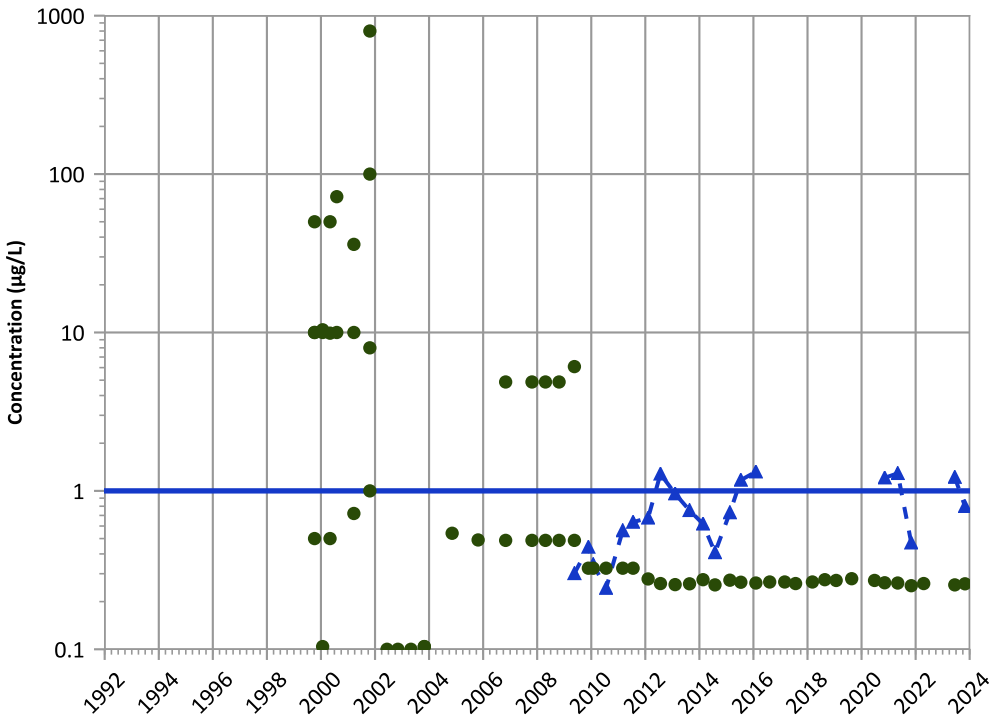
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

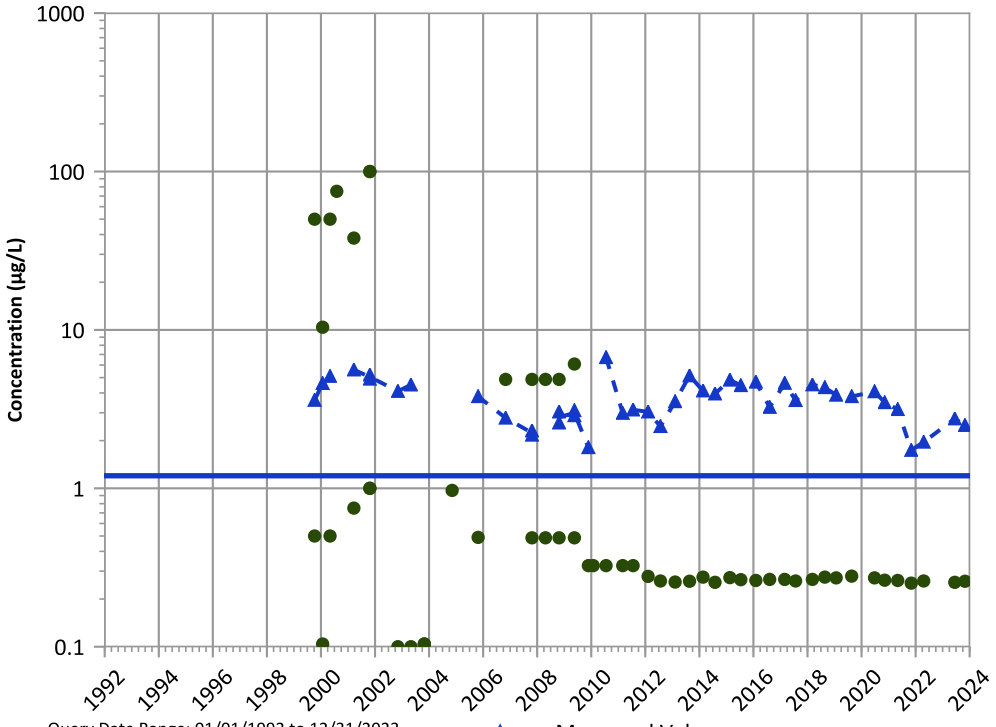


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

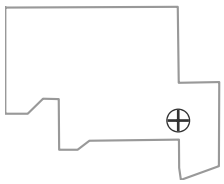
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

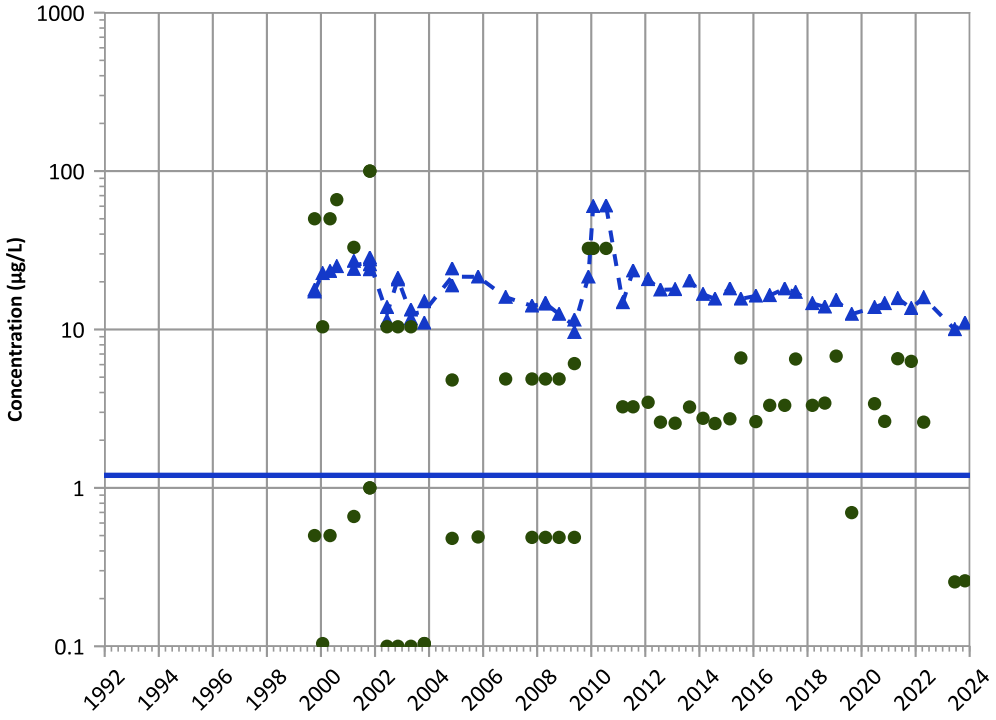
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

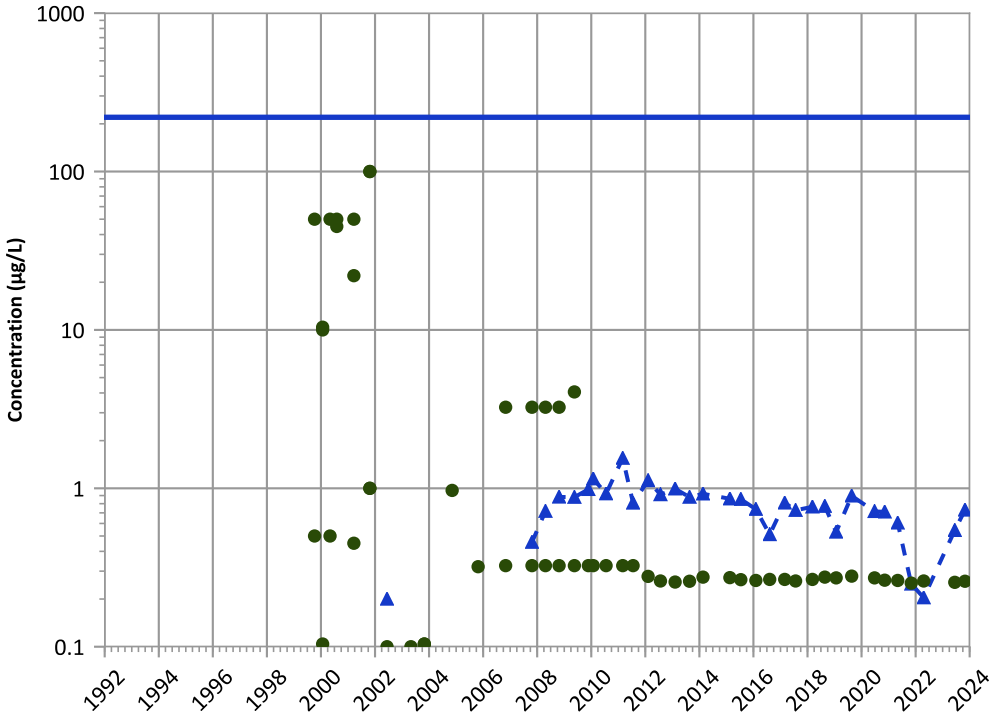


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

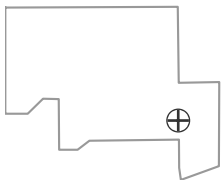
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

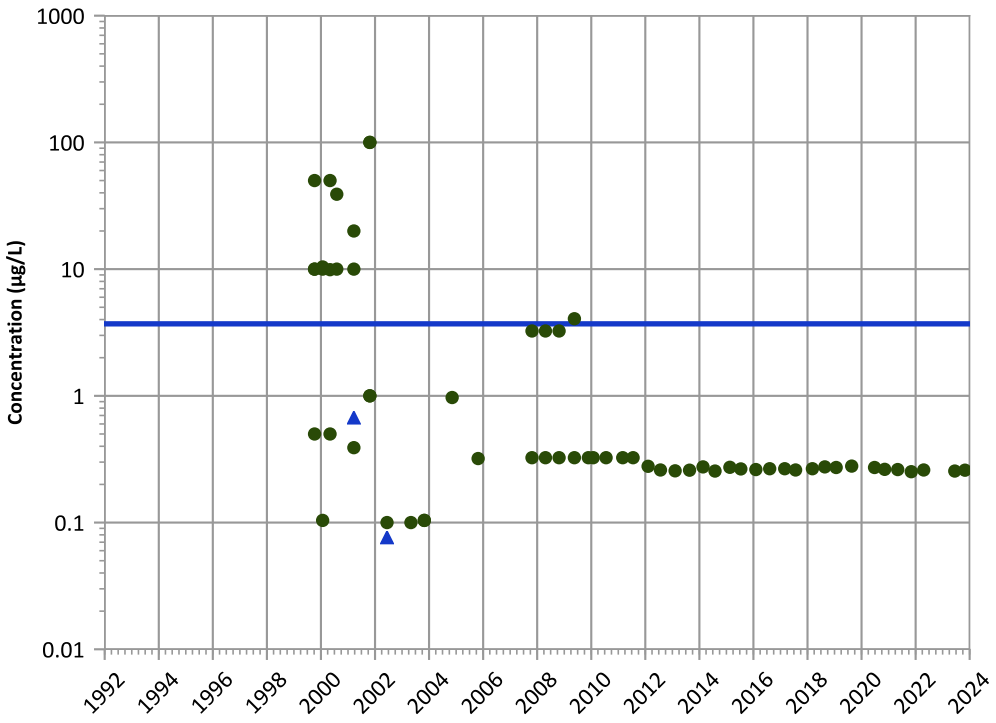
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

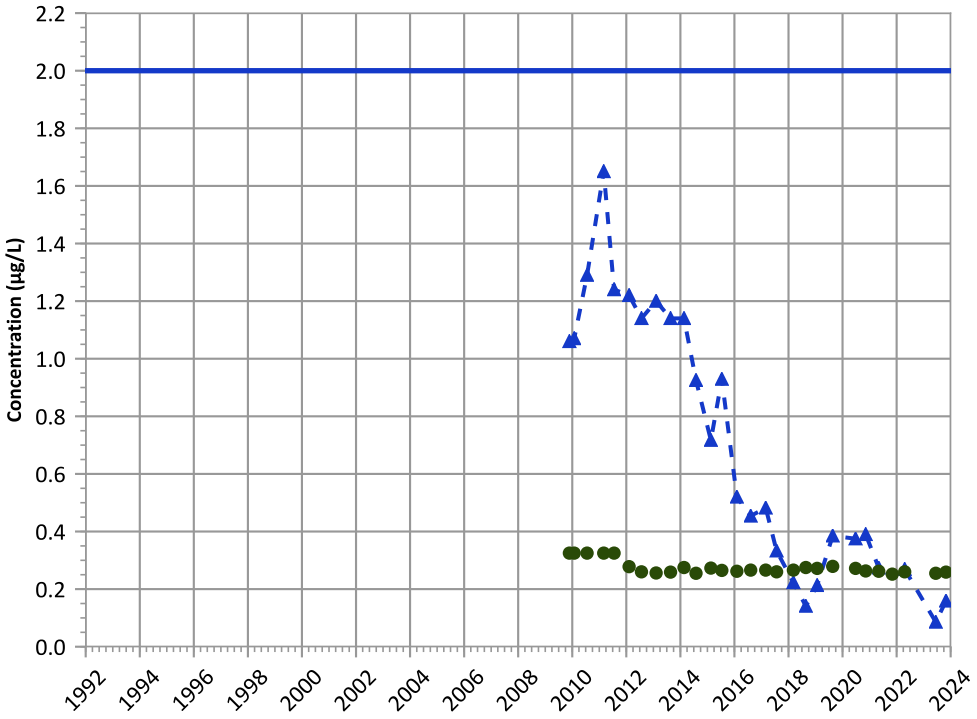


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

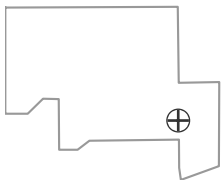
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

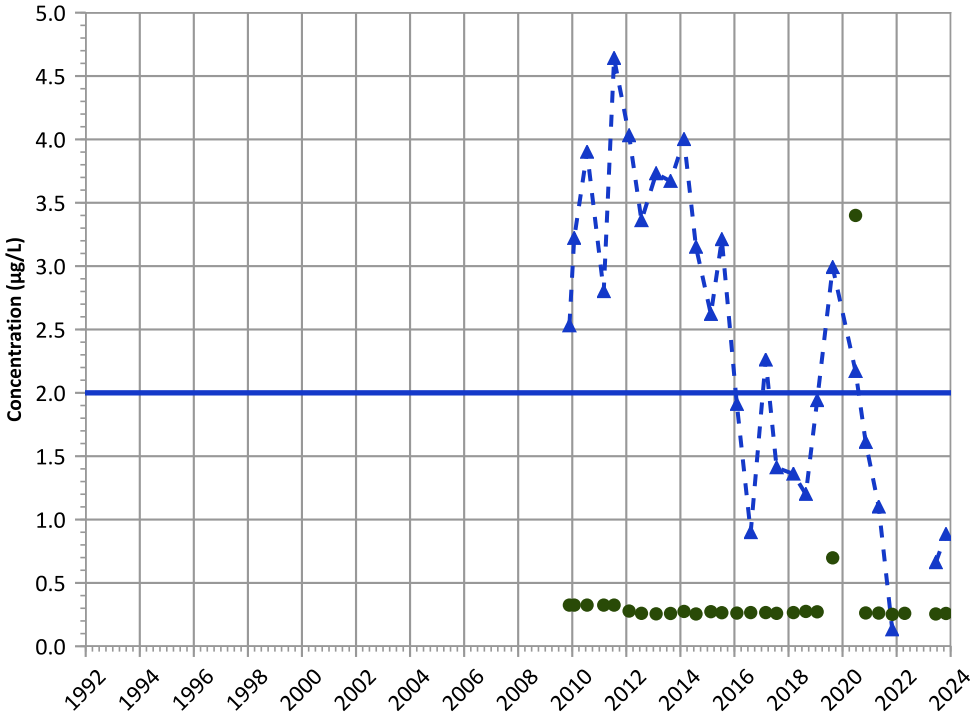
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

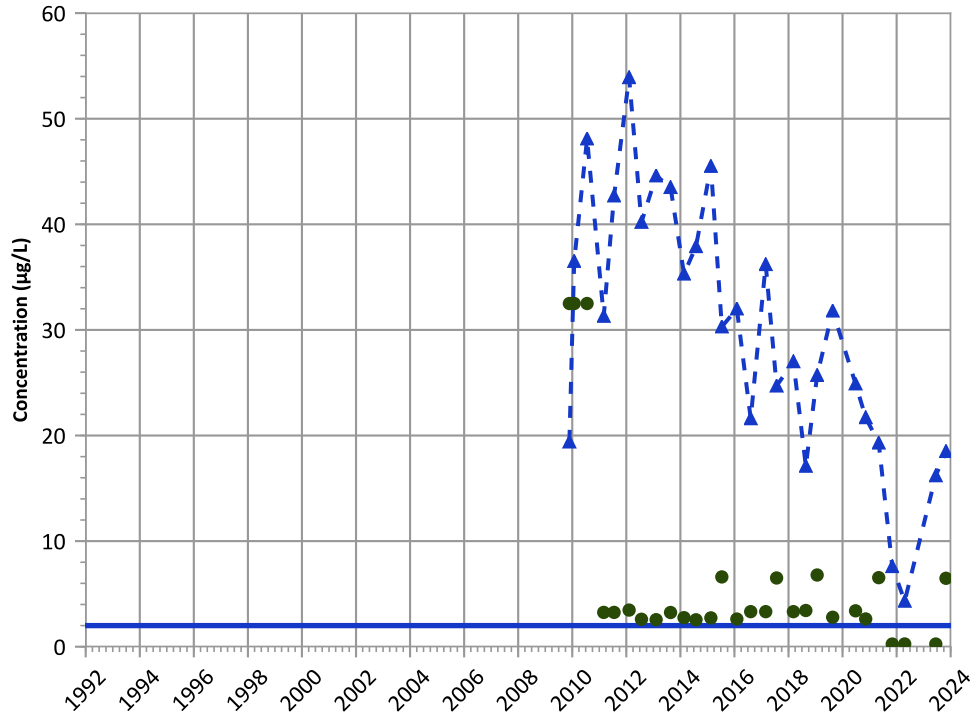


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

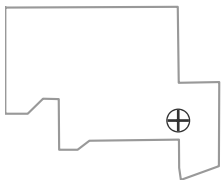
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

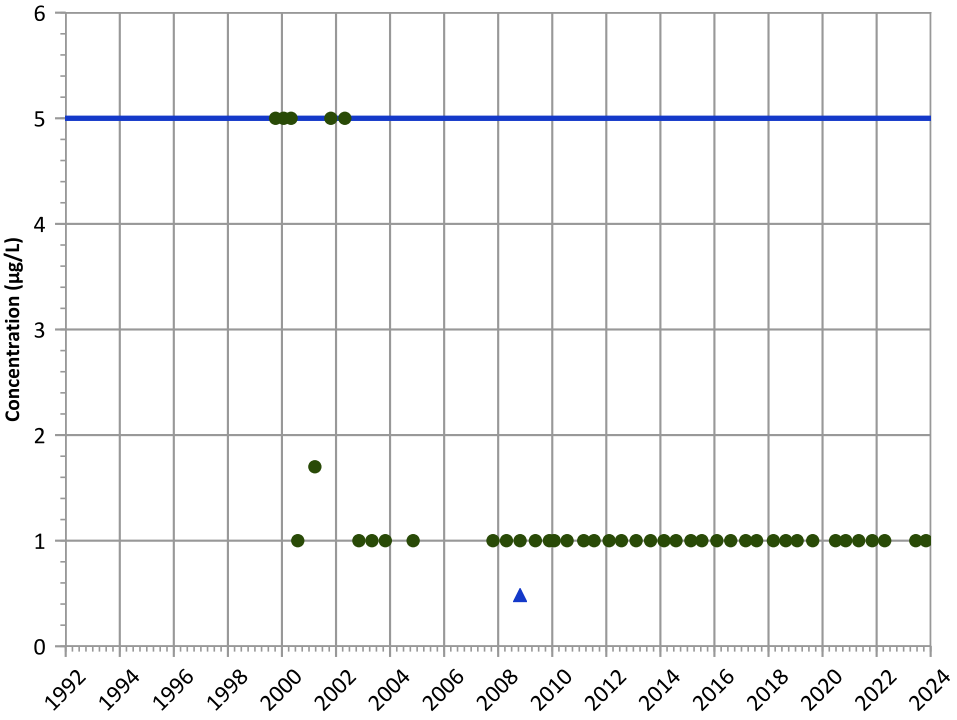
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

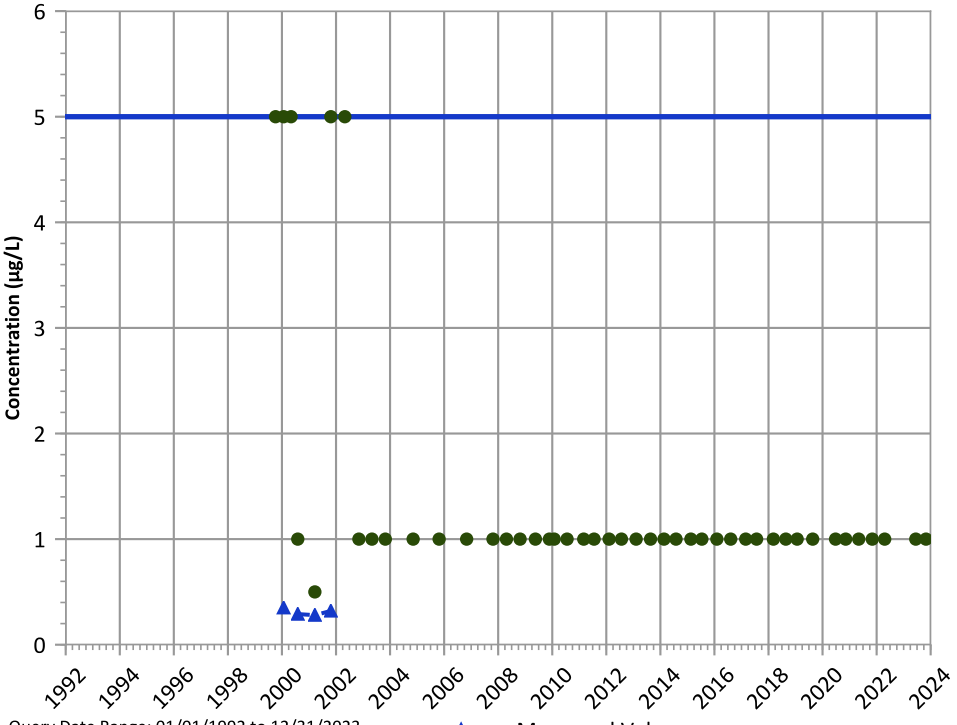


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

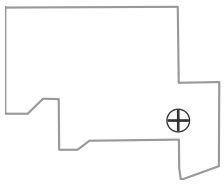
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

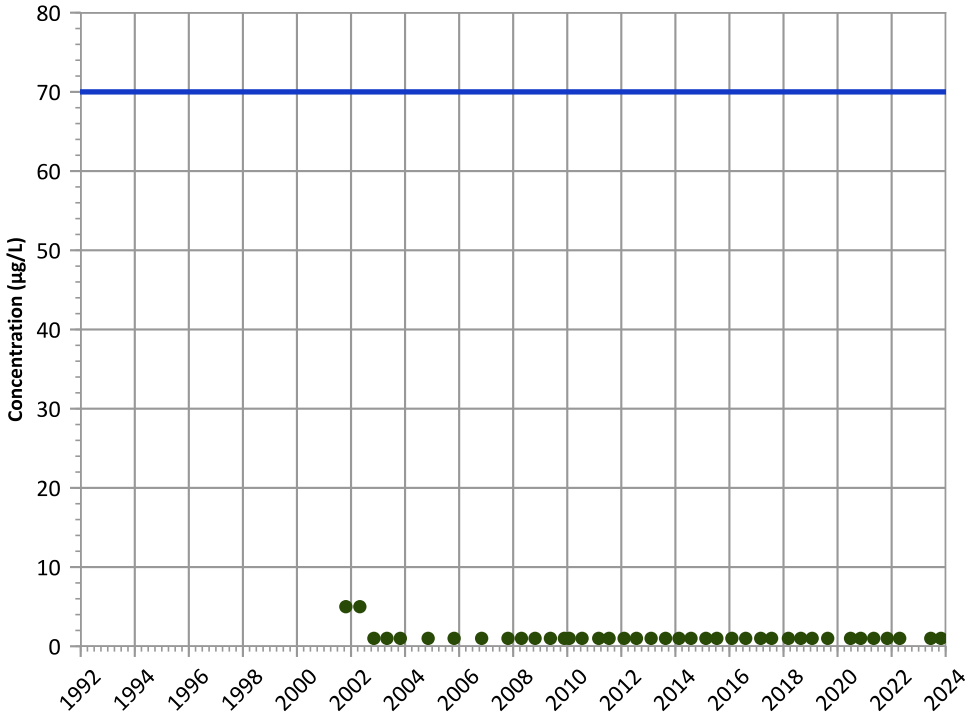
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

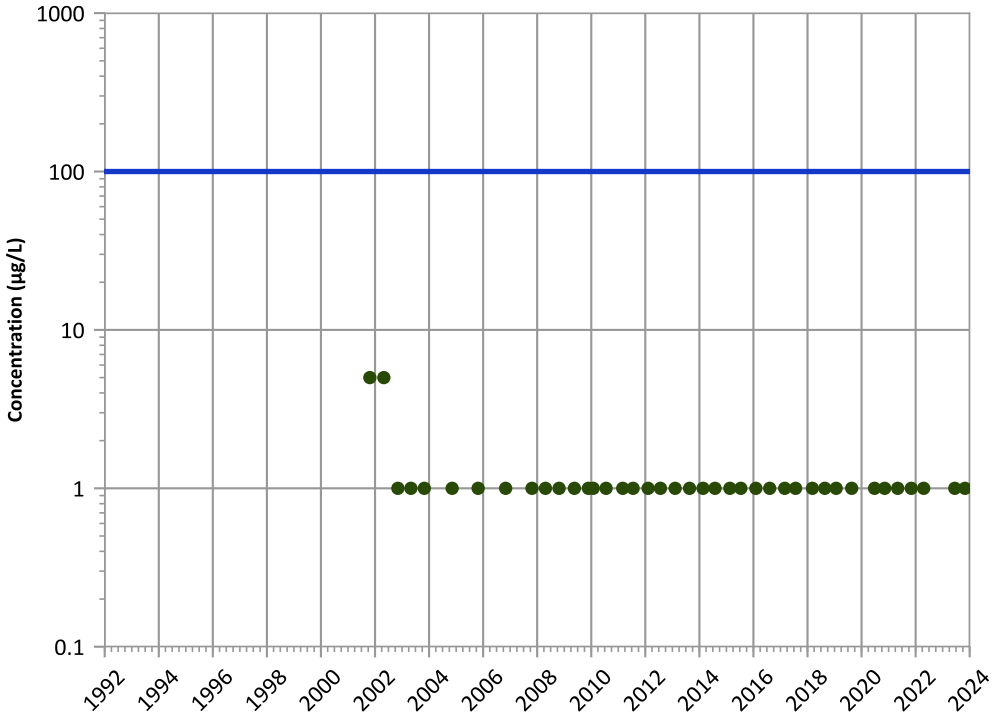
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



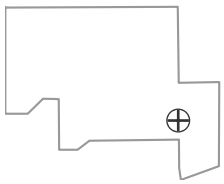
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

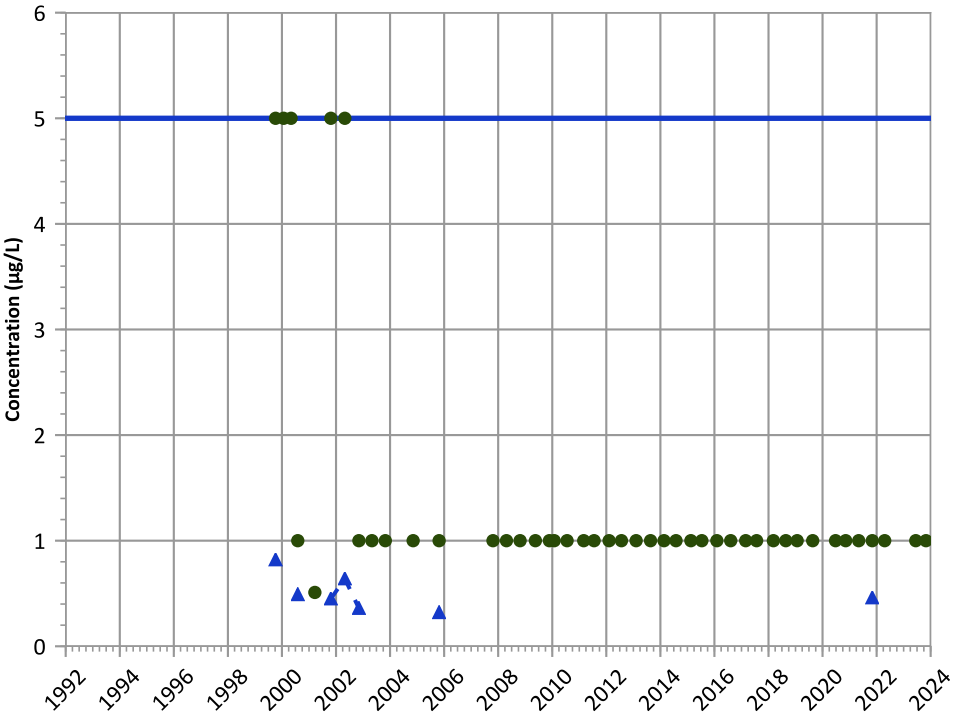
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

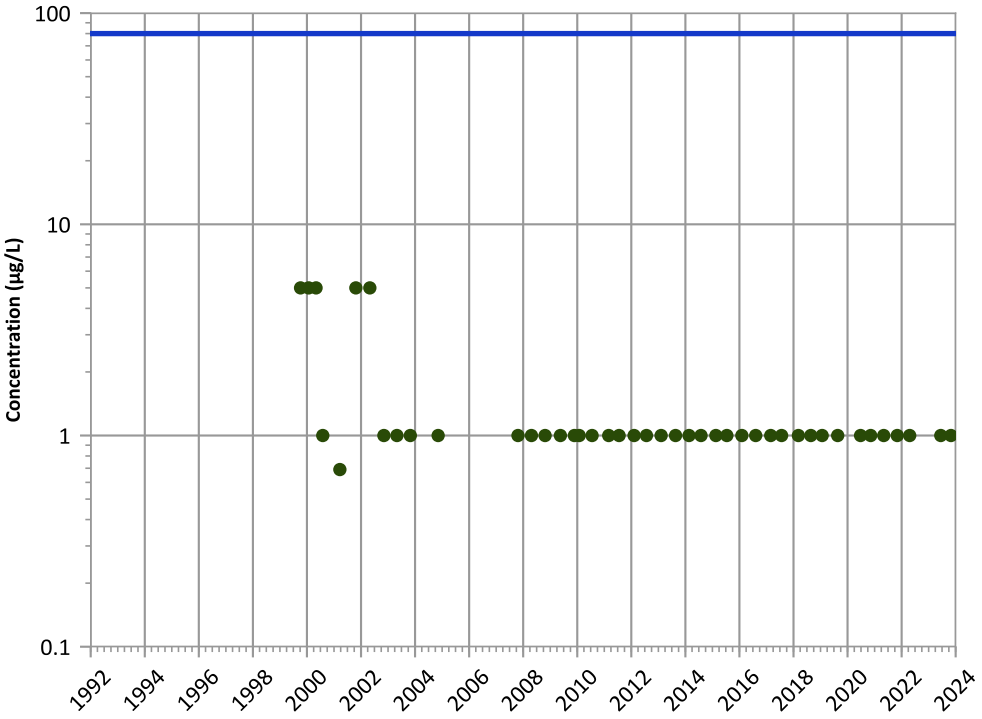


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

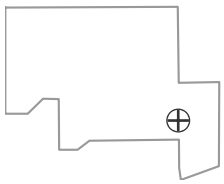
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

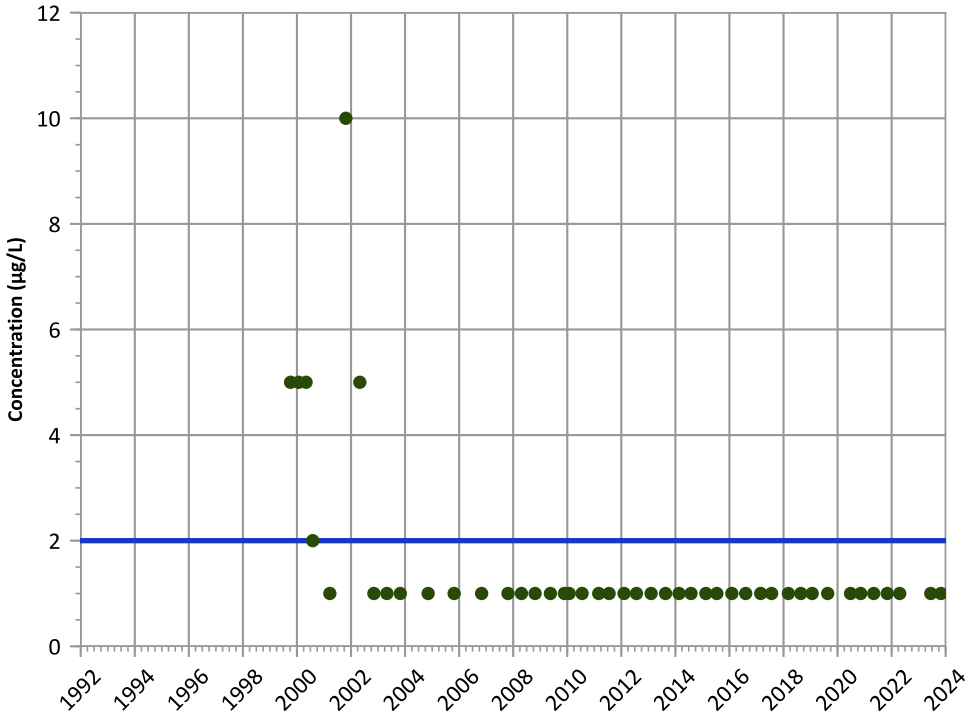
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

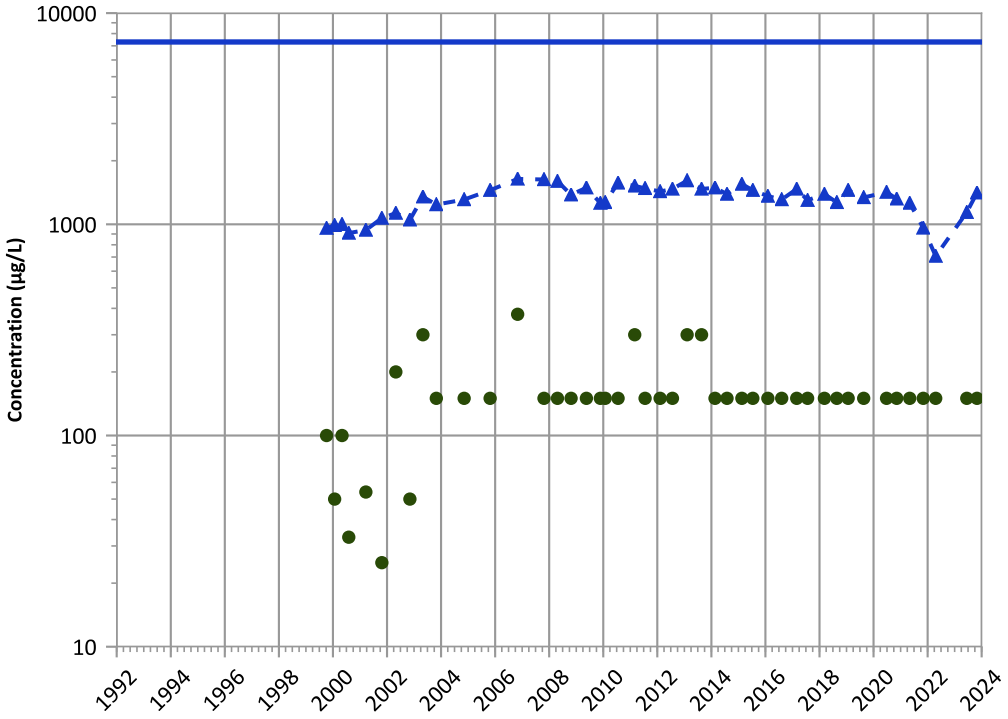


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

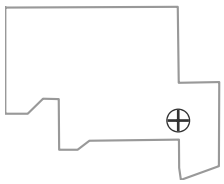
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

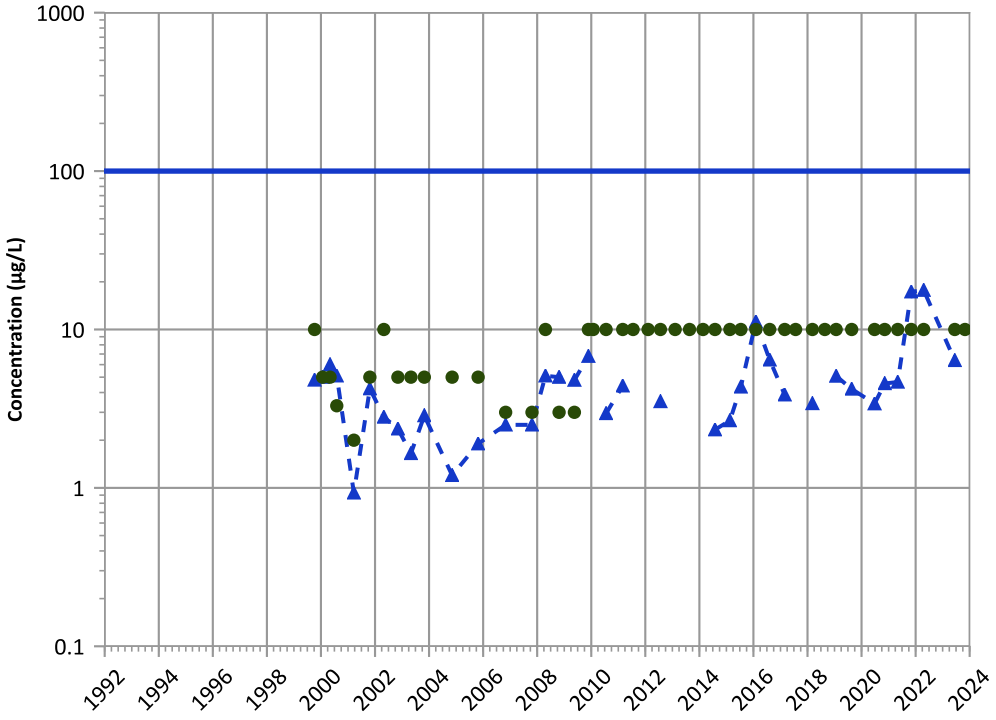
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

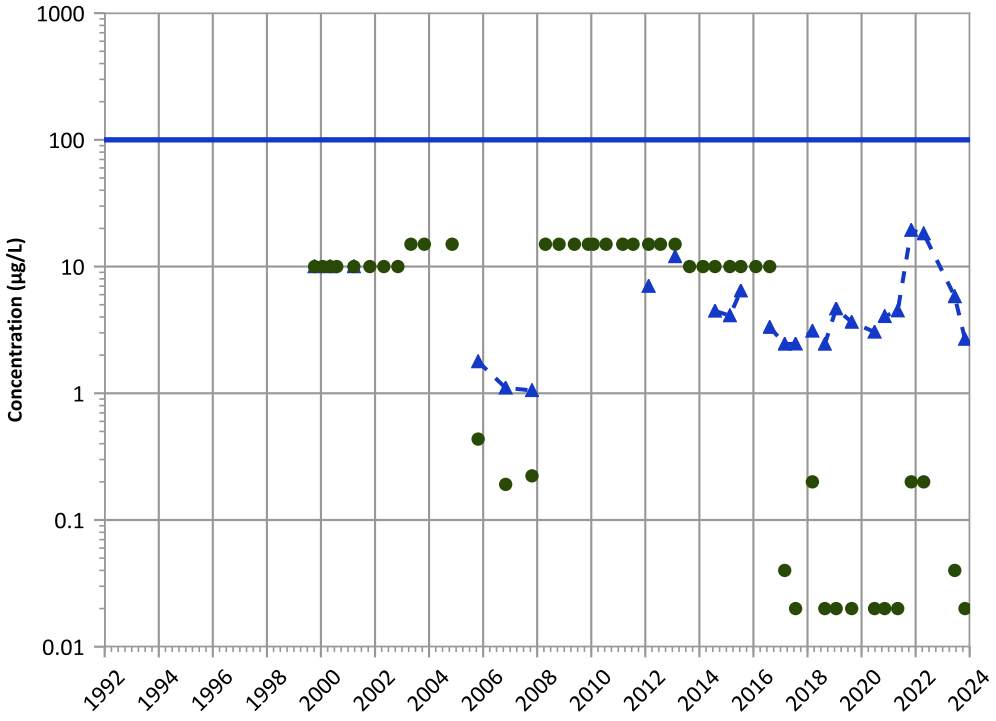


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

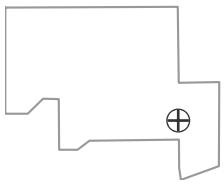
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

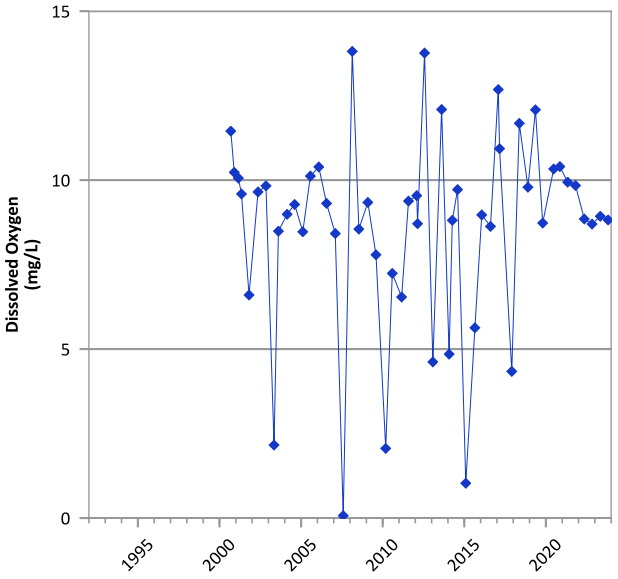
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/07/1999 to 10/30/2023
Analysis Date: 04/01/2024

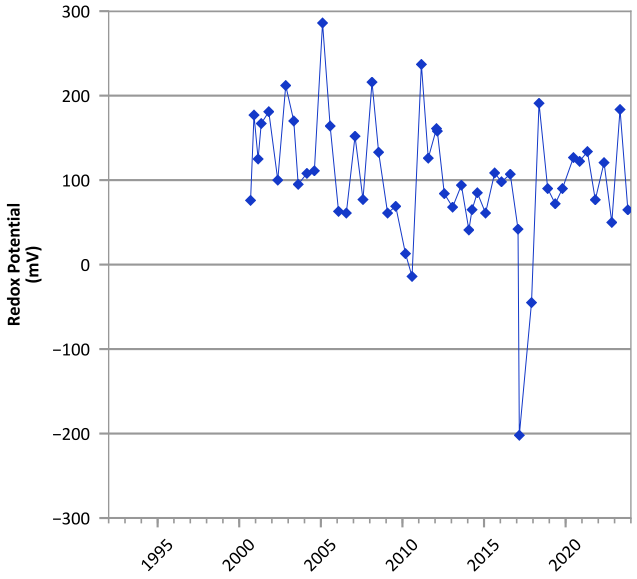
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

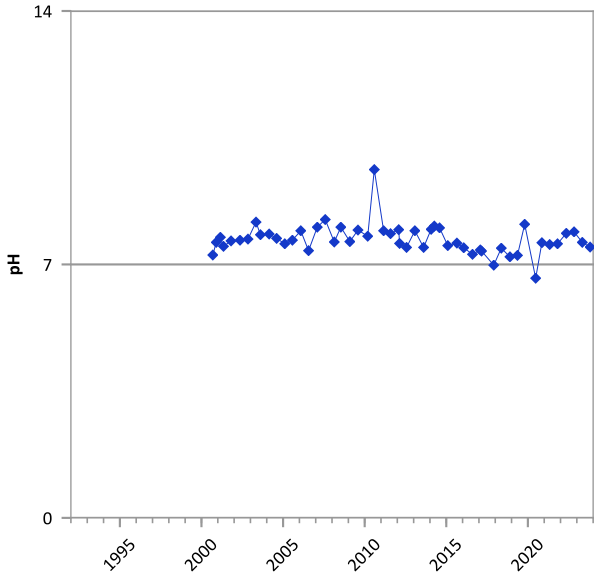
Well Location

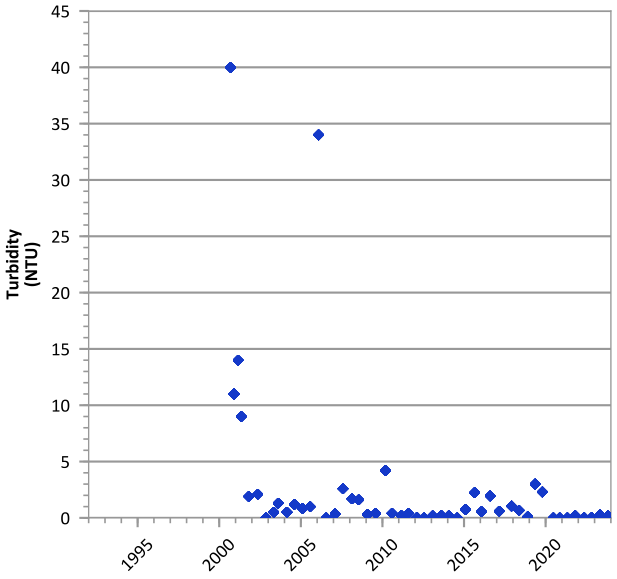


PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

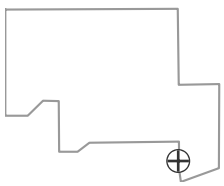






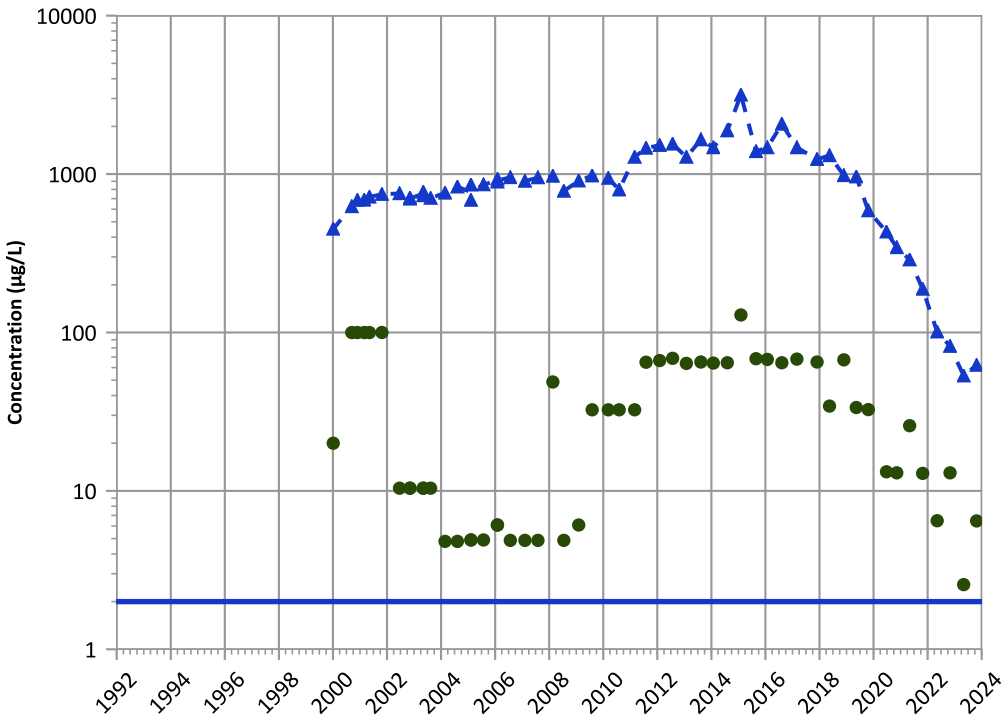


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

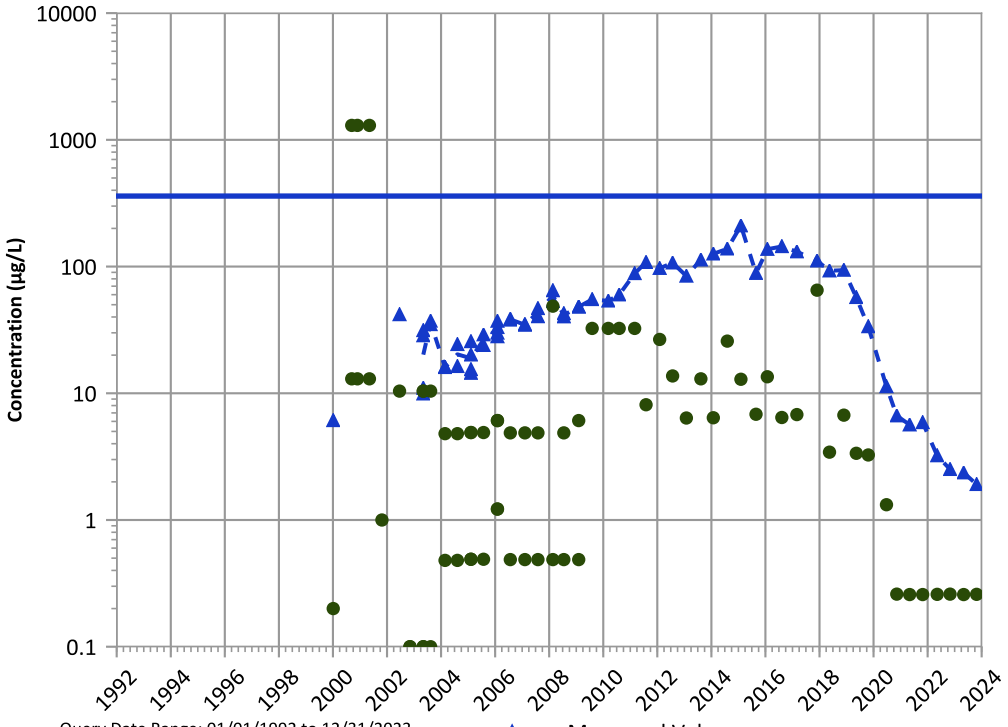


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

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



Concentration Trend

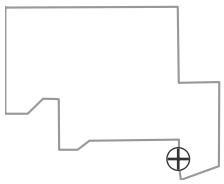
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

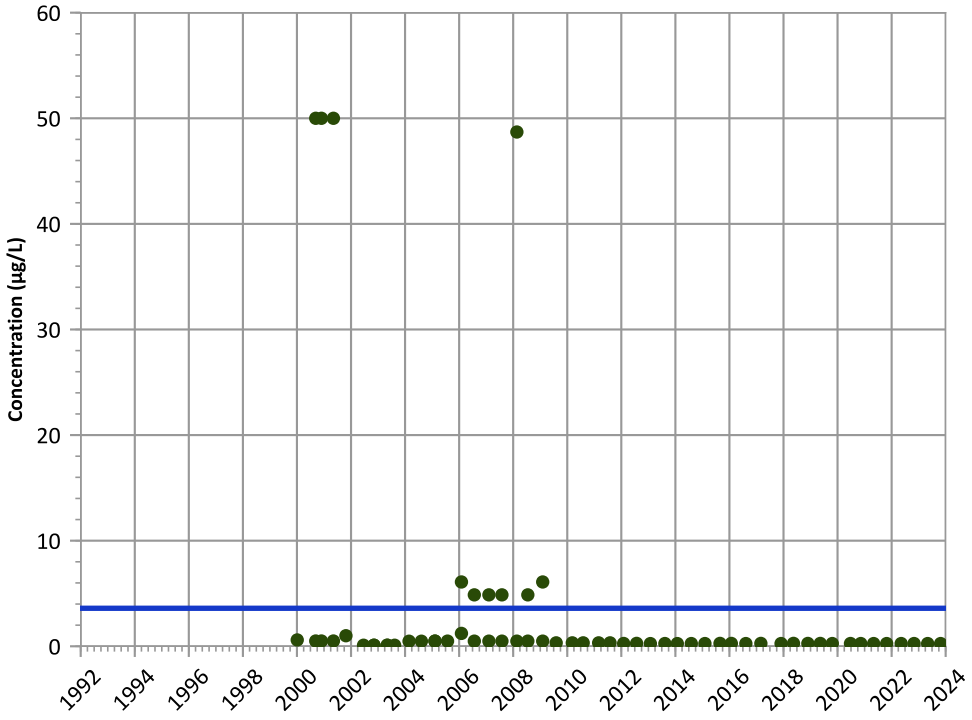
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

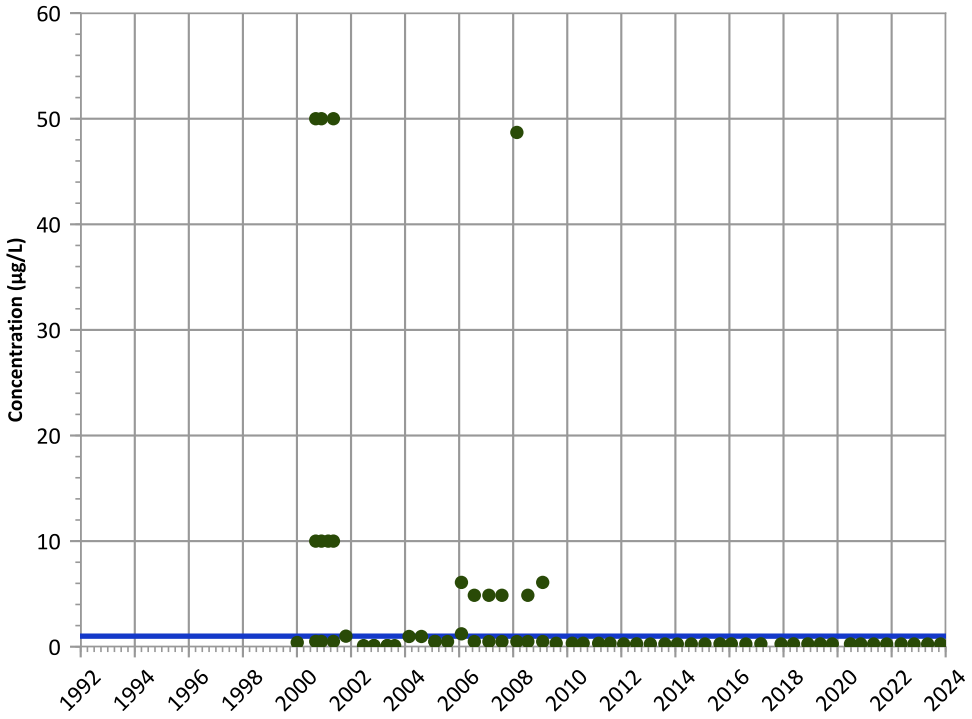


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

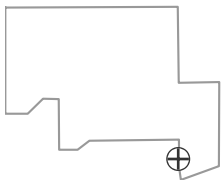
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

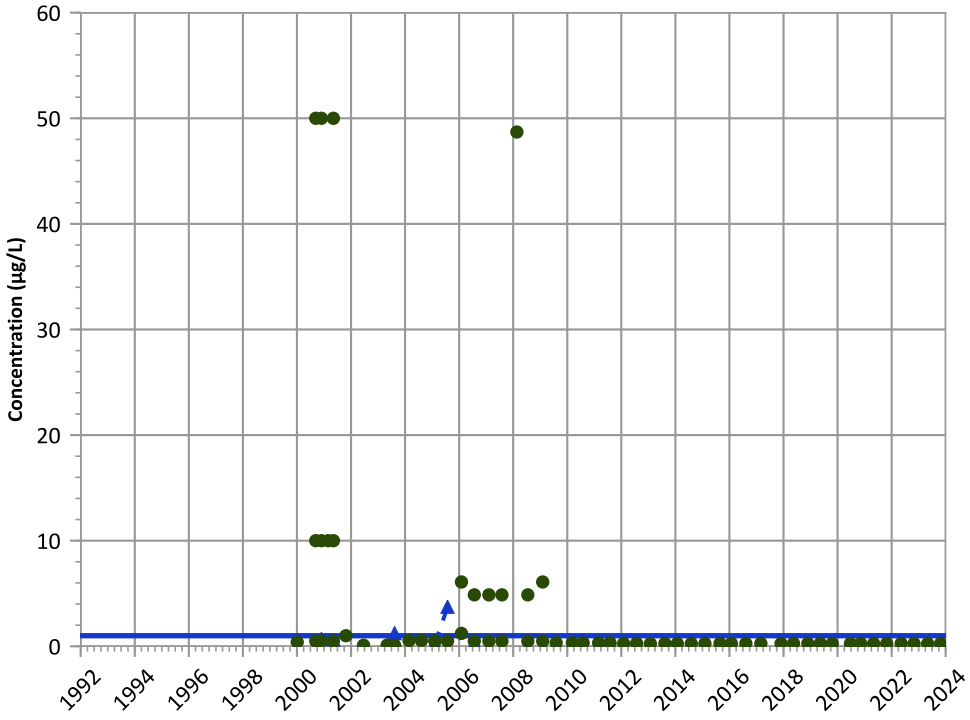
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

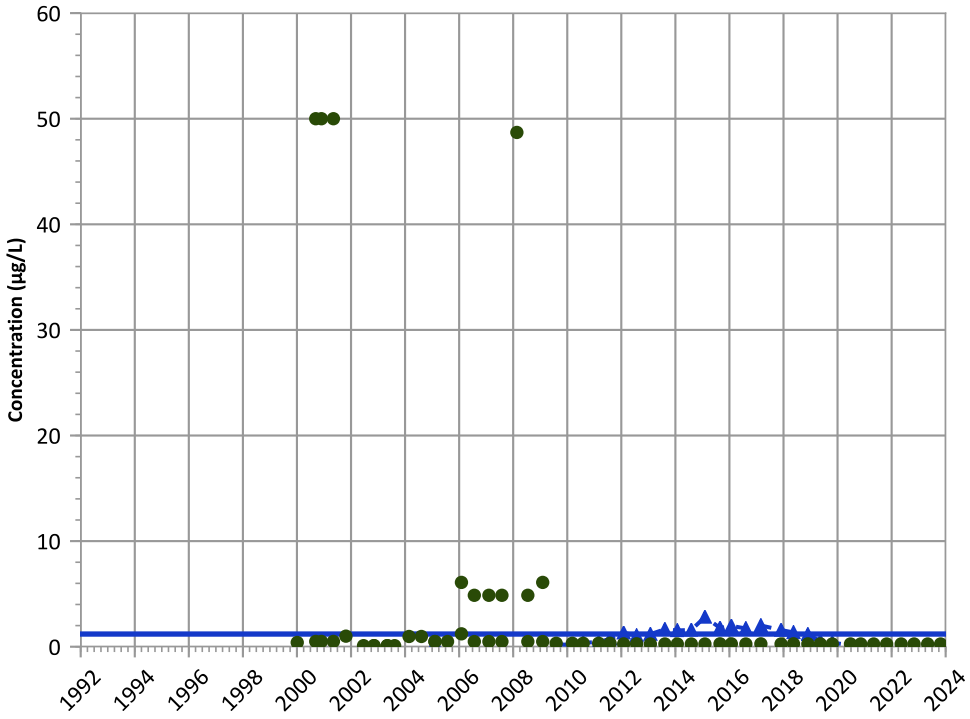


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

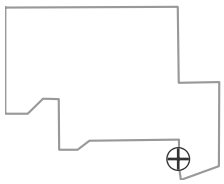
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

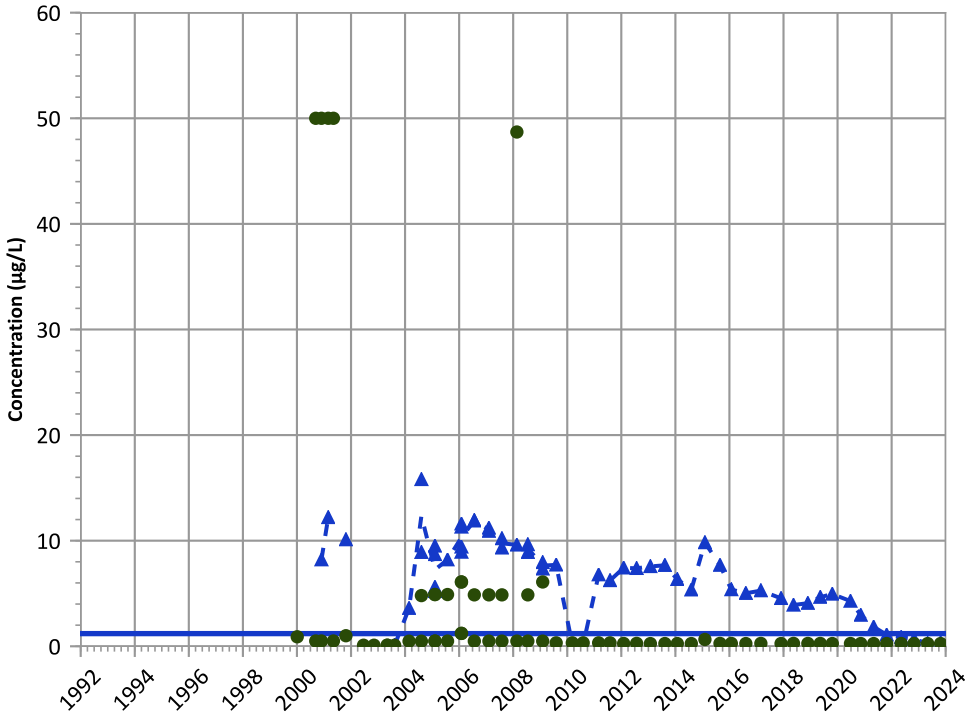
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

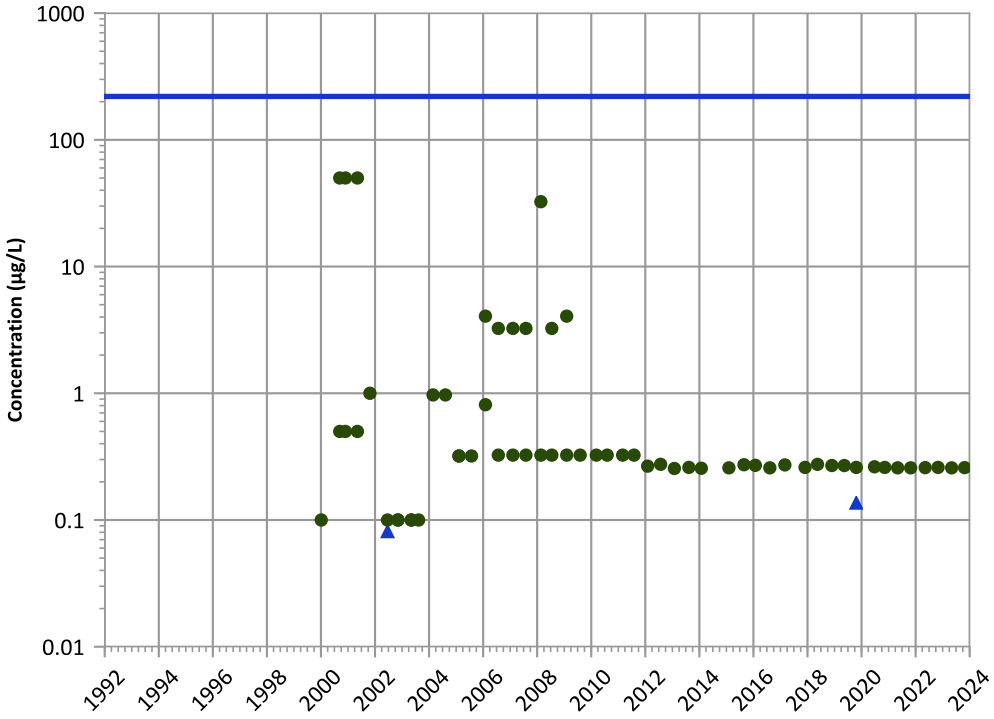


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

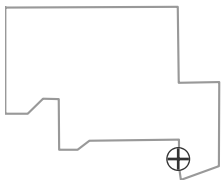
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

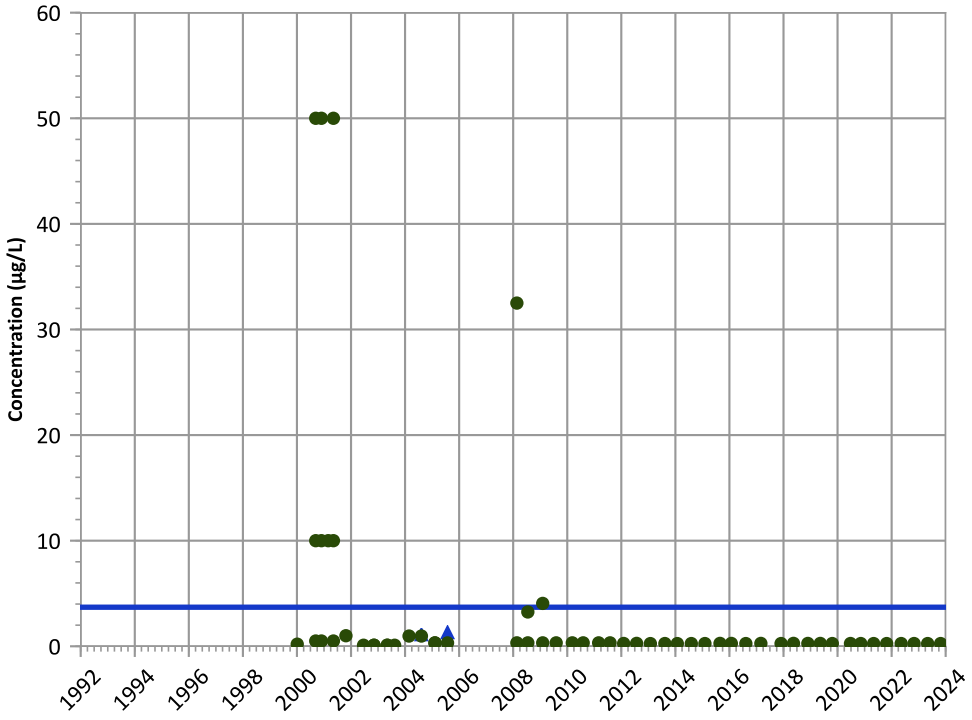
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

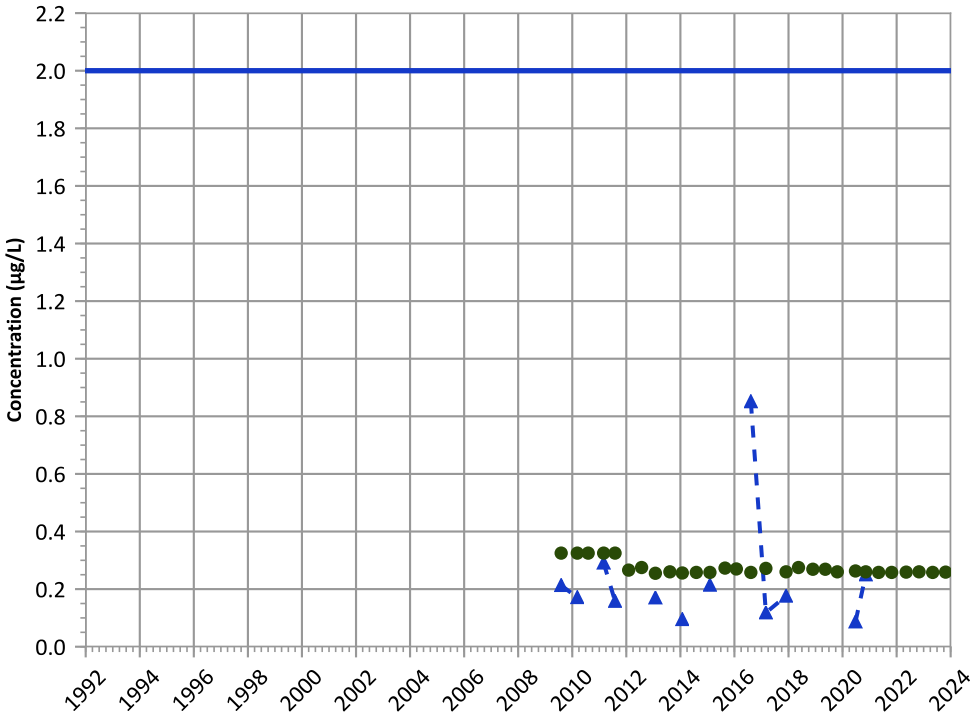


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

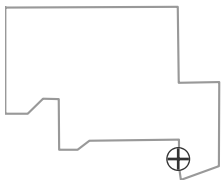
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

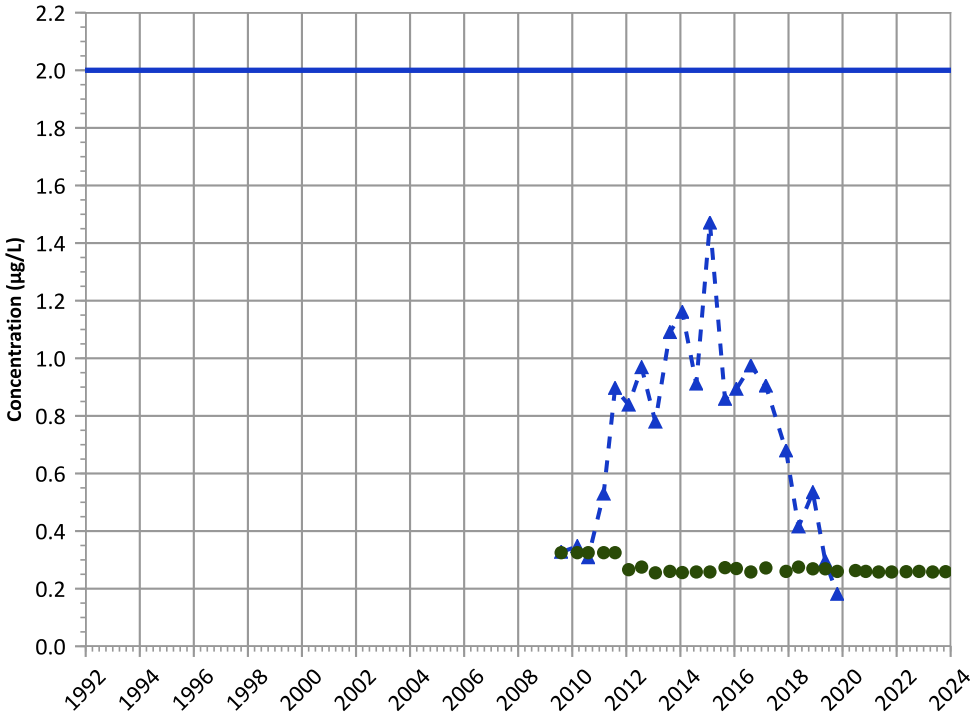
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

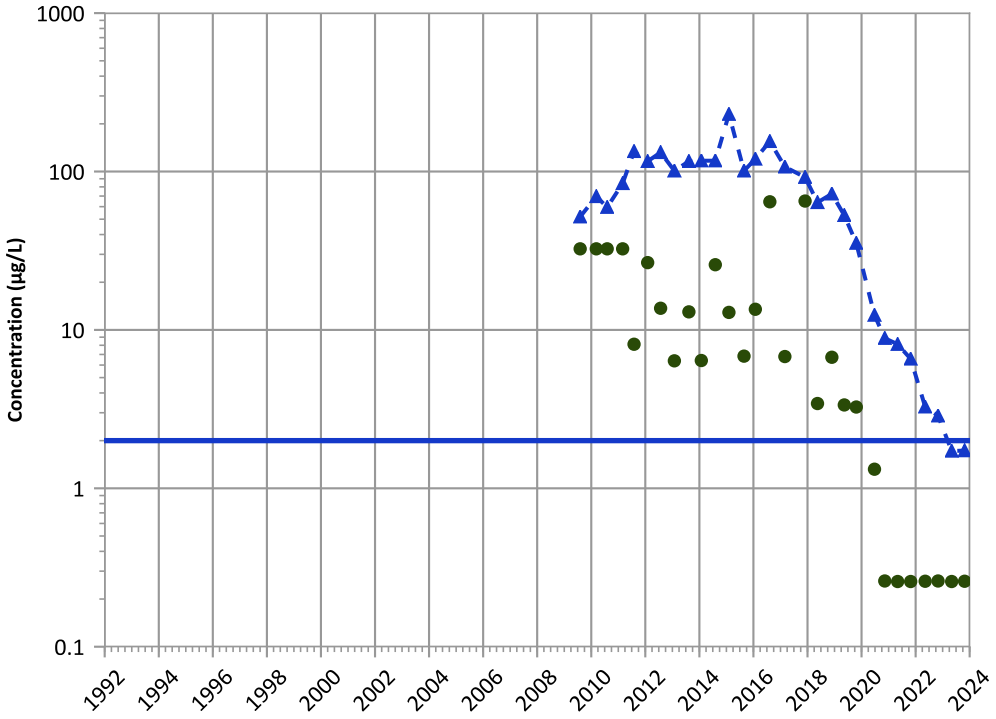


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

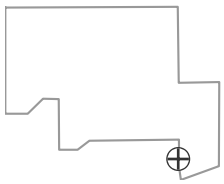
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

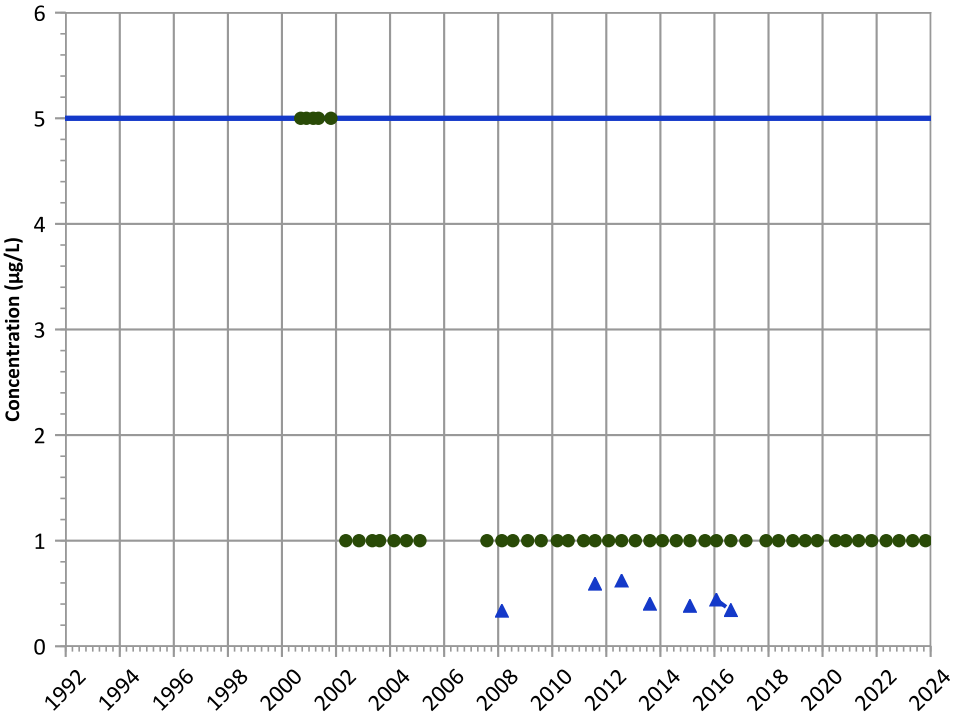
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

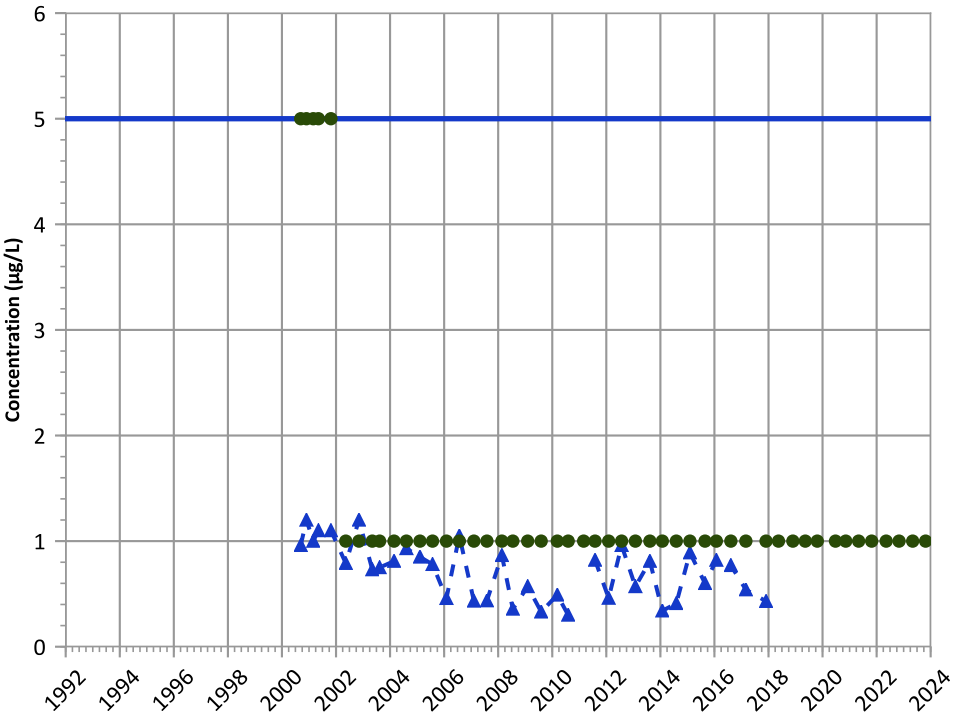


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Trichloroethene Trend



Concentration Trend

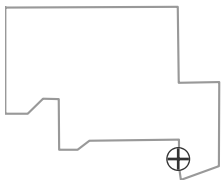
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

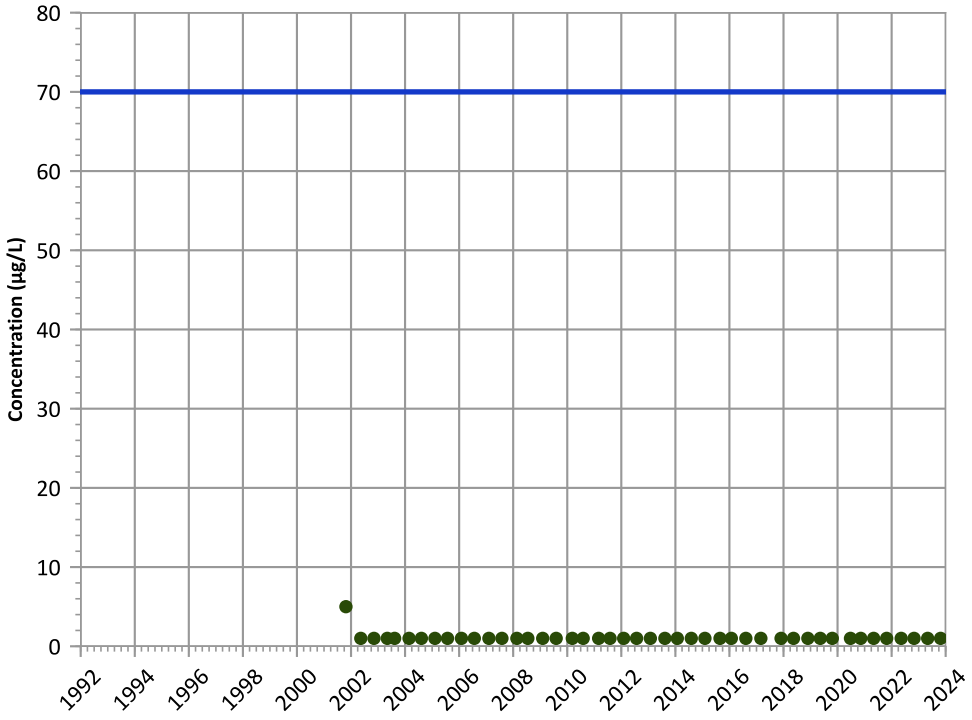
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

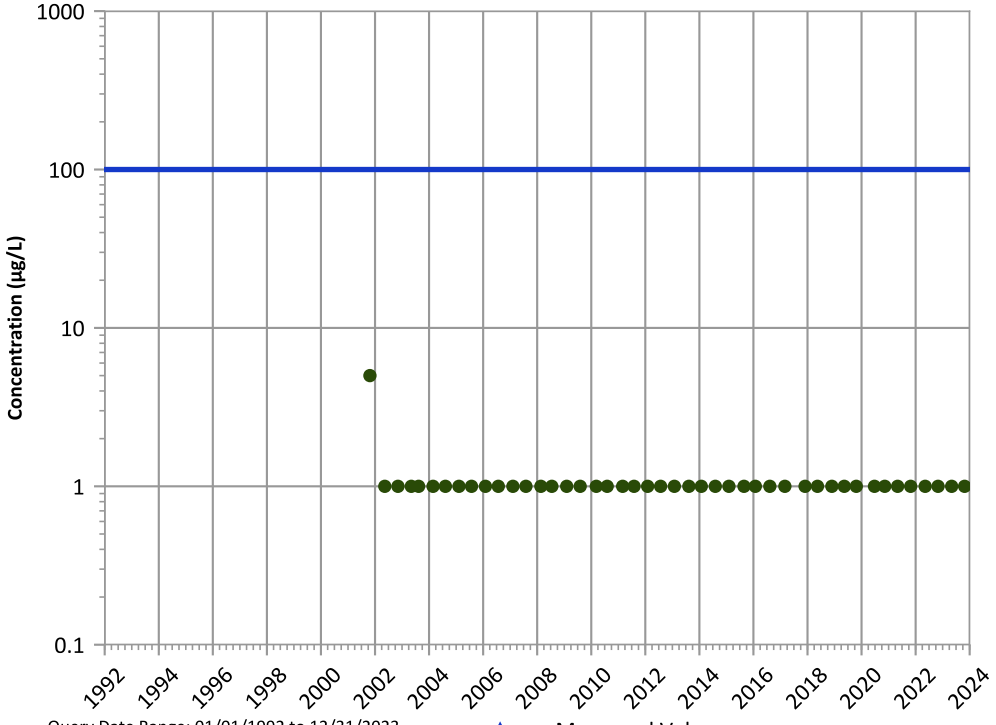
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

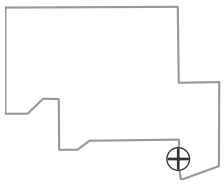
trans-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Well Location

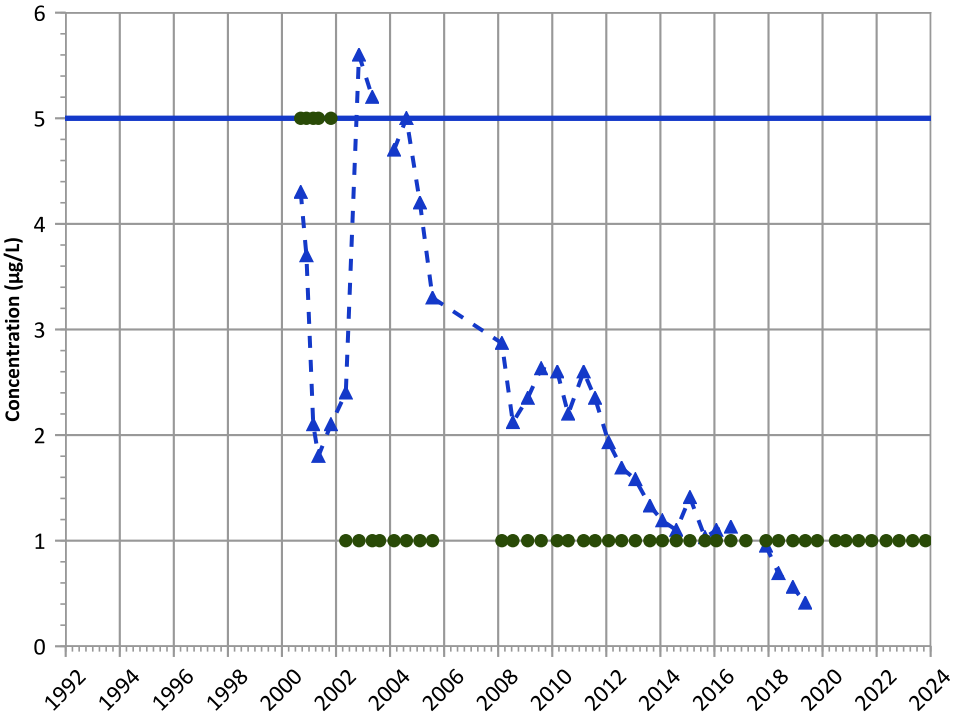


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

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

PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

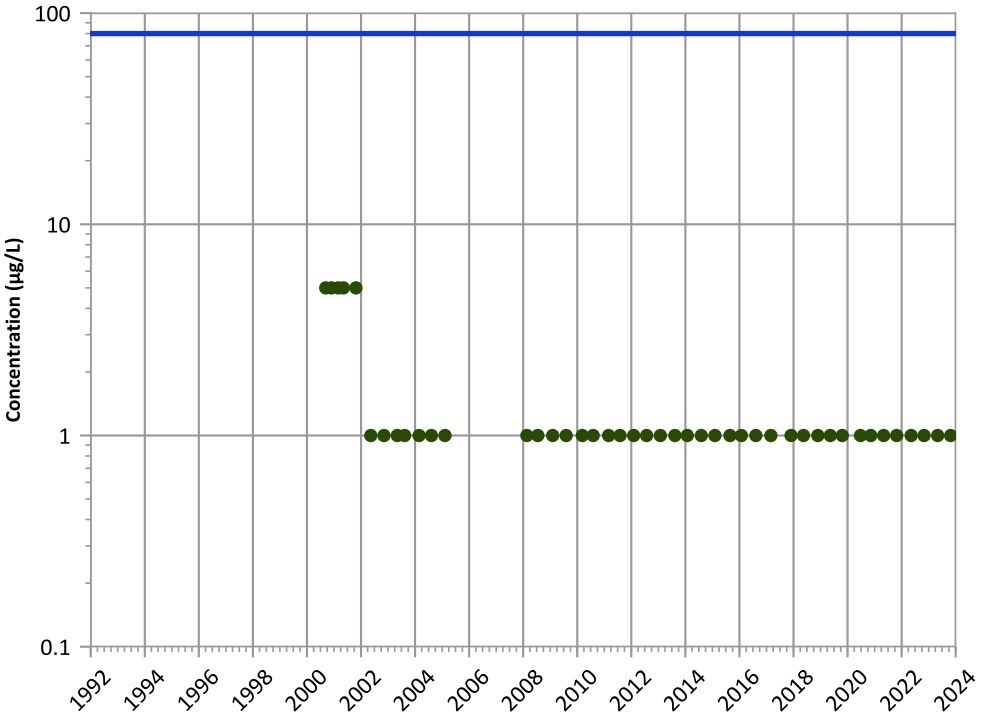


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chloroform Trend



Concentration Trend

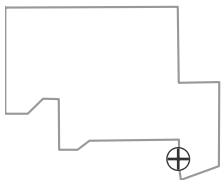
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

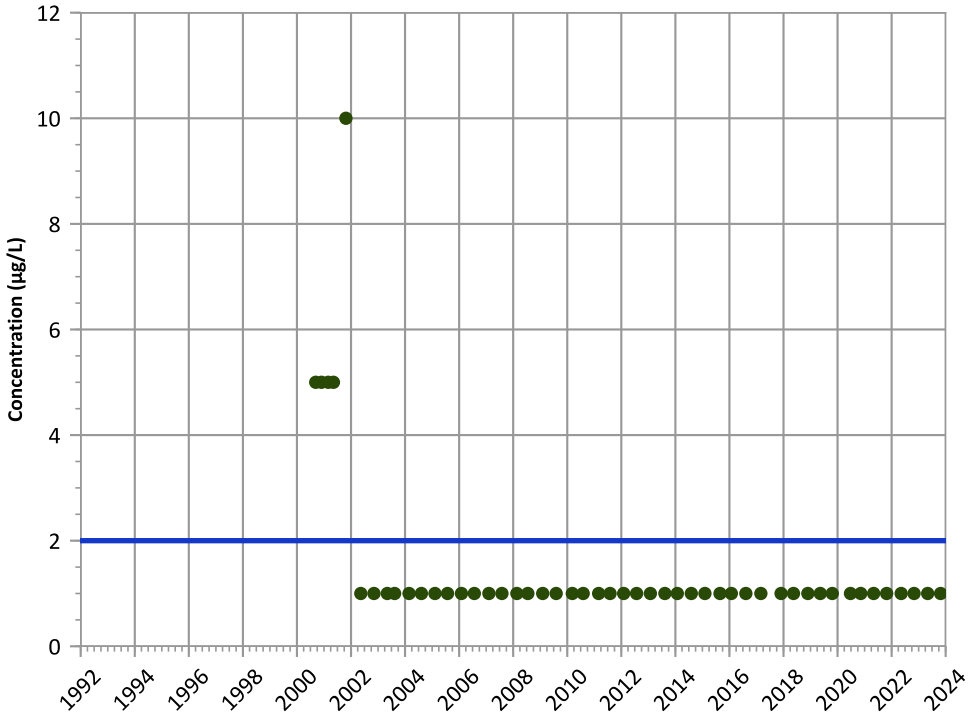
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

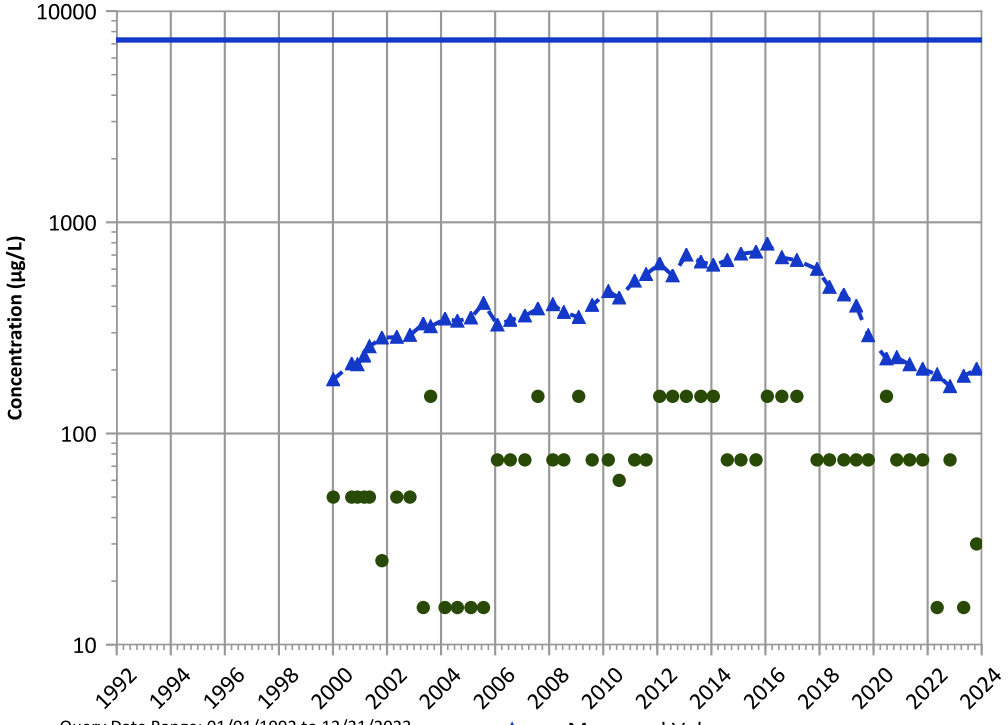


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

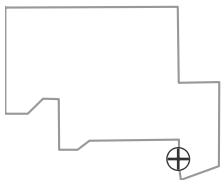
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

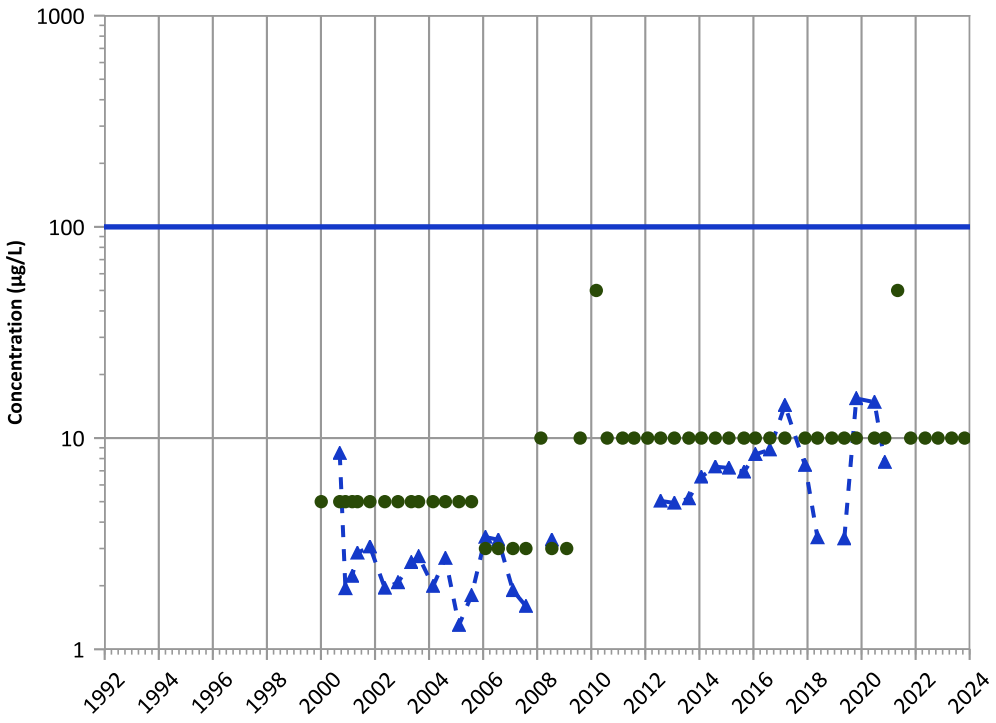
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

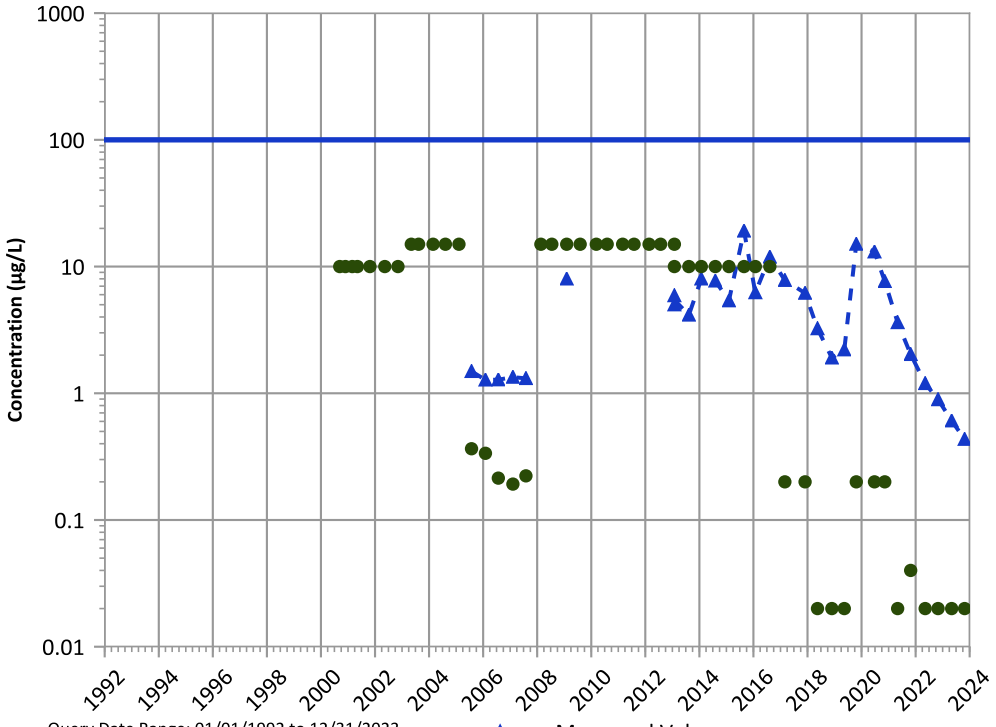


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

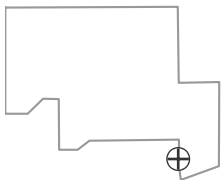
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

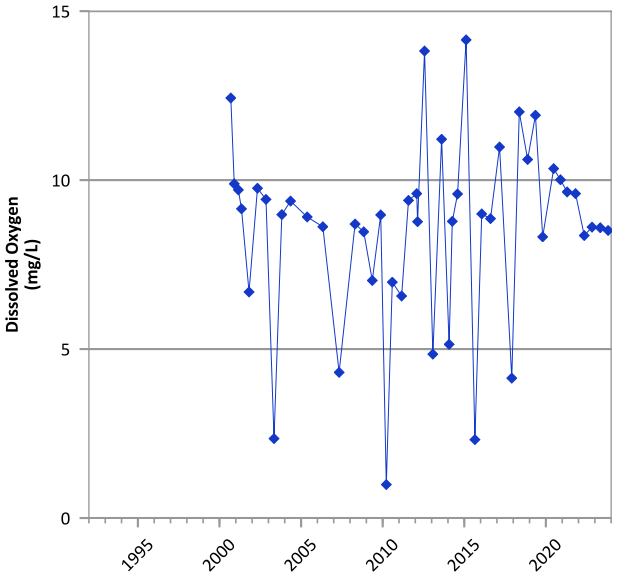
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/05/2000 to 10/25/2023
Analysis Date: 04/01/2024

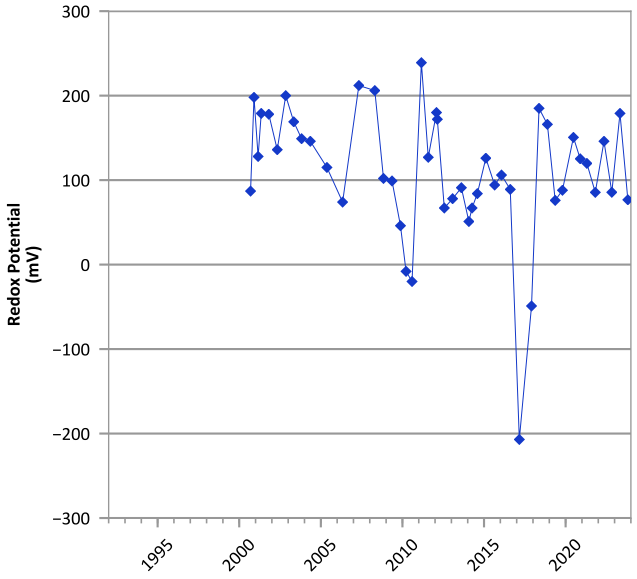
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

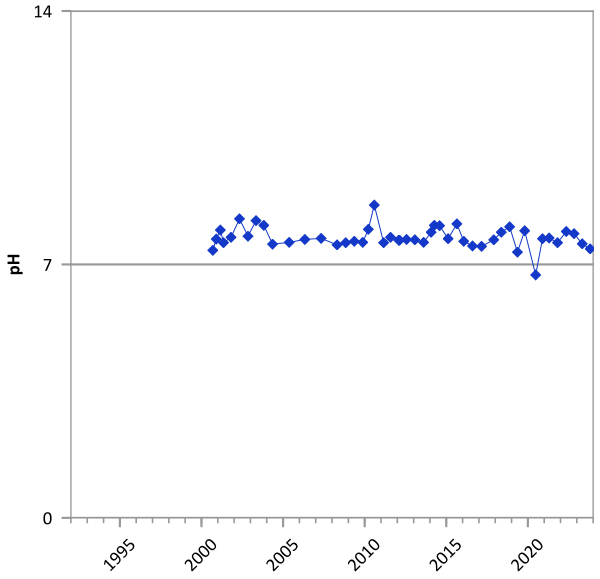
Well Location

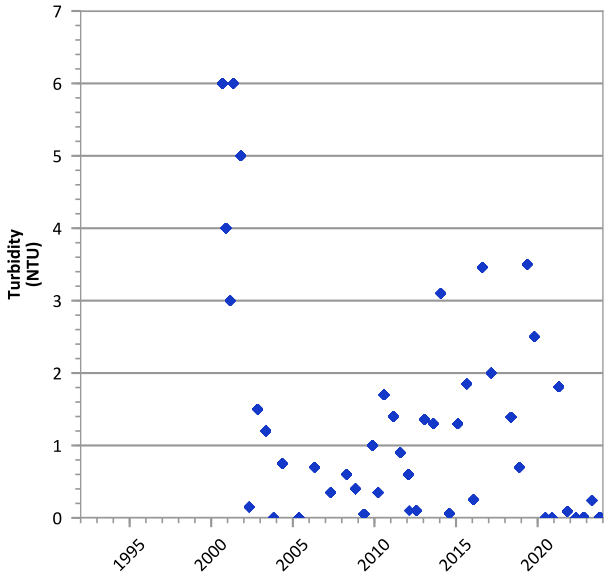


PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

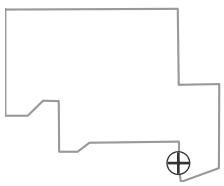






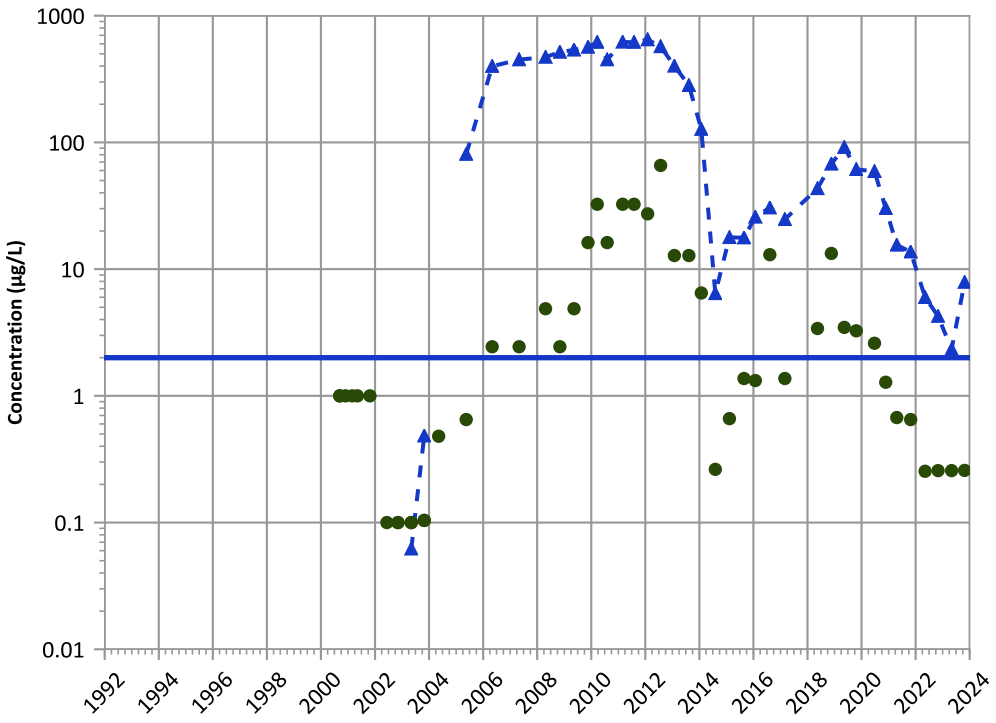


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

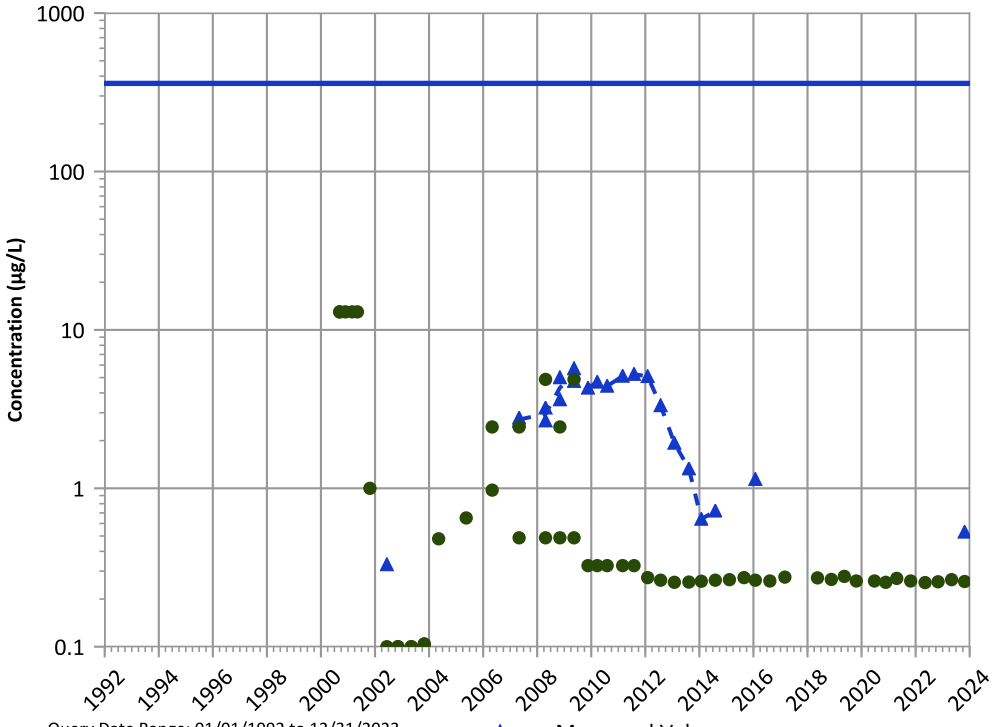


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

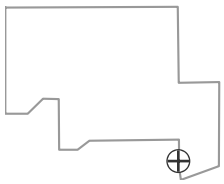
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

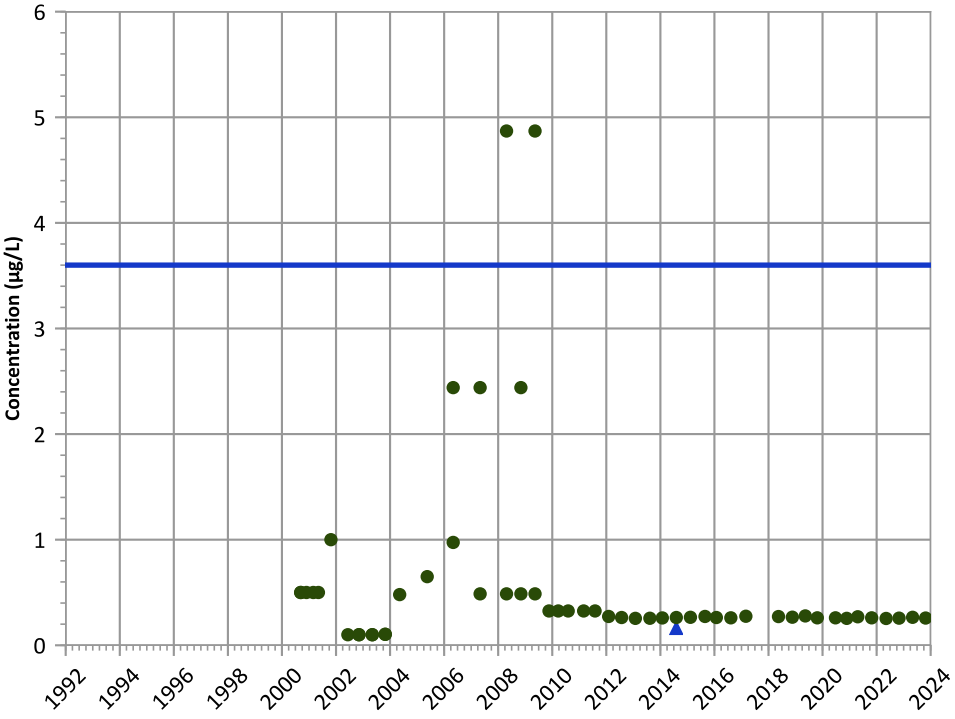
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

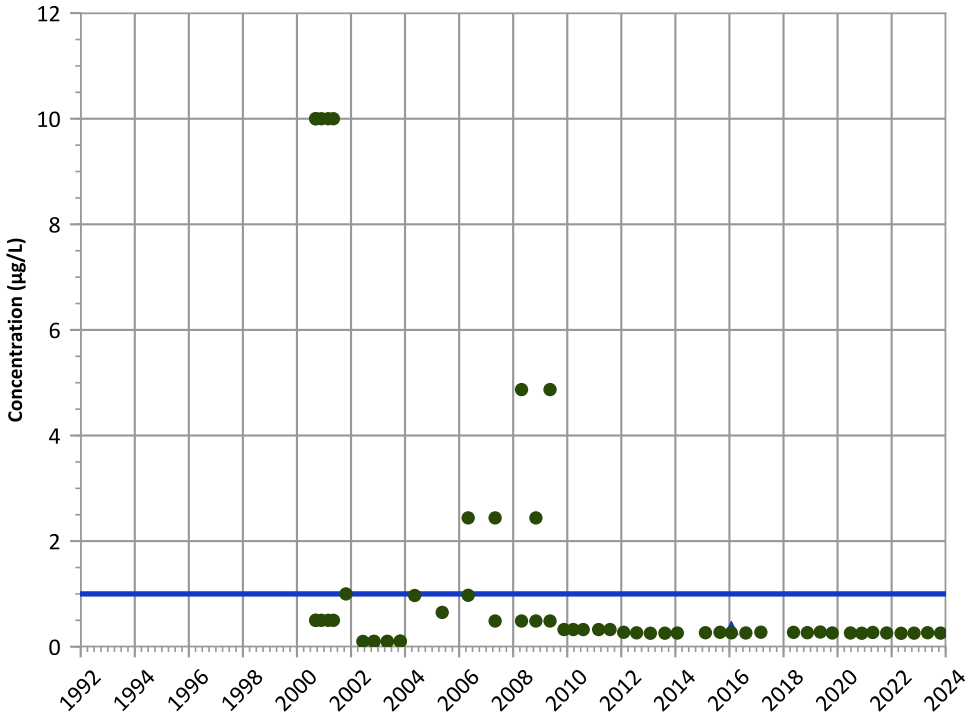


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

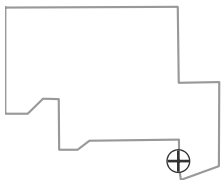
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

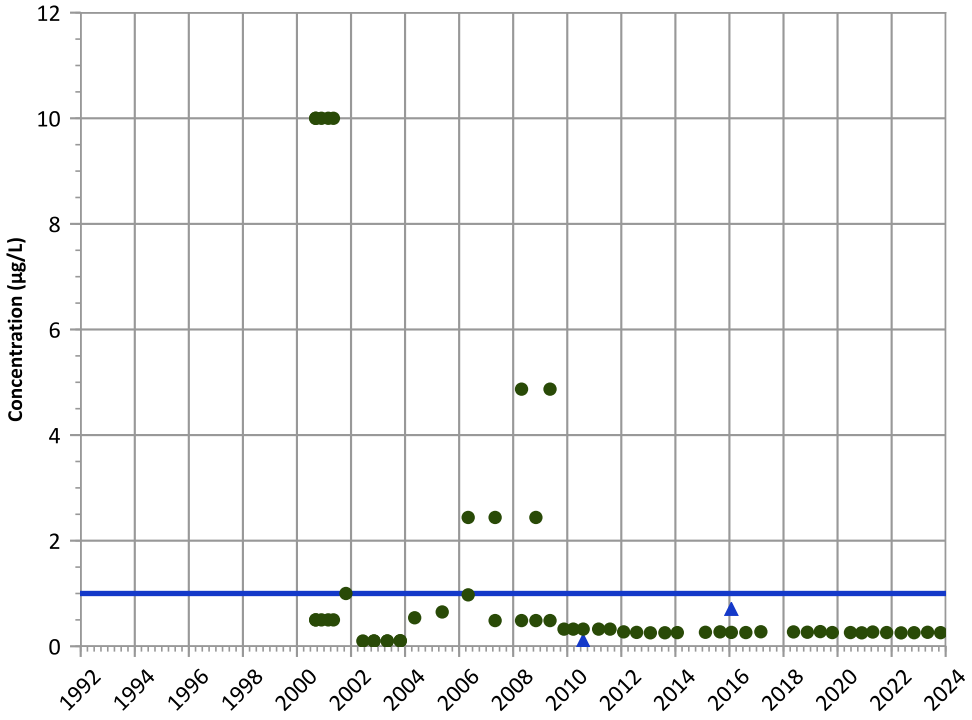
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

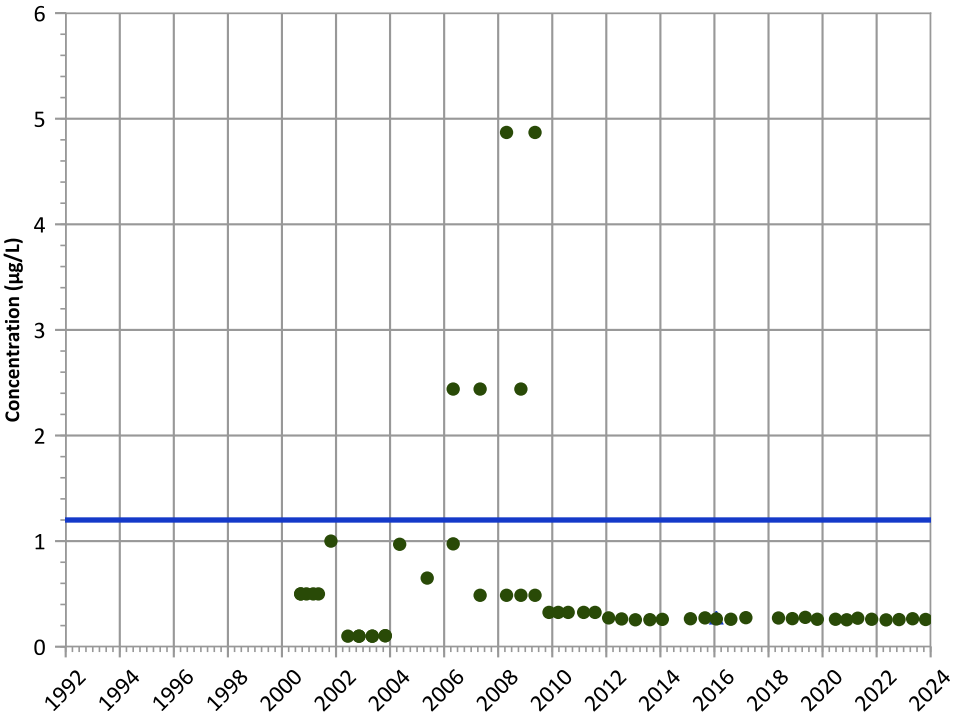


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

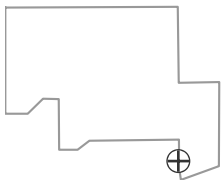
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

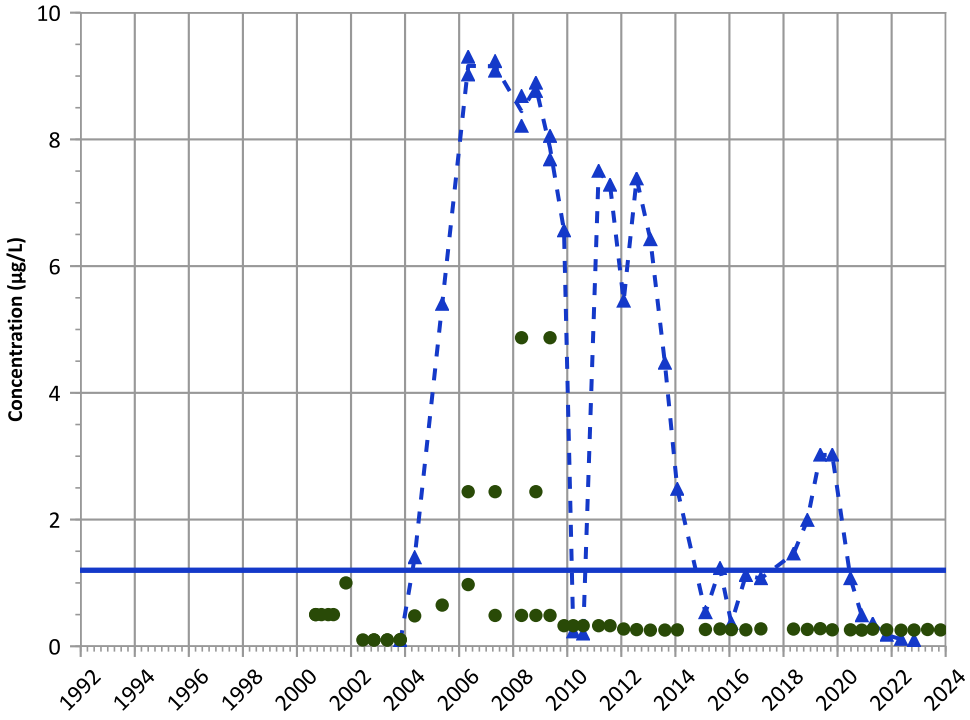
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

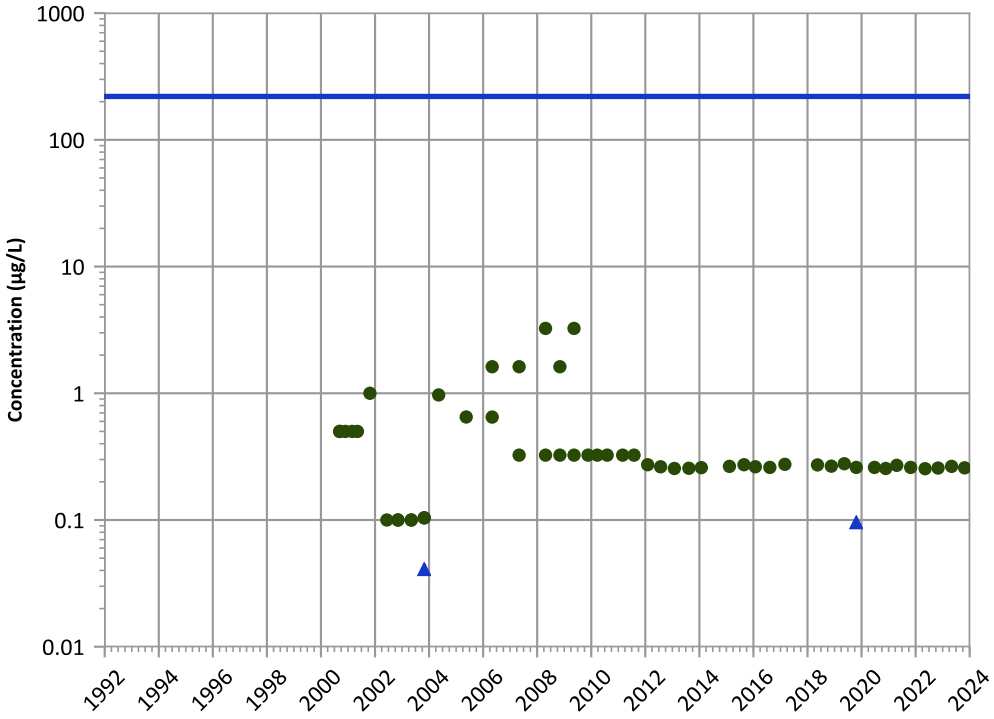


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

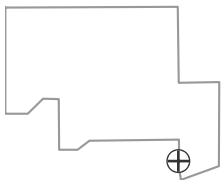
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

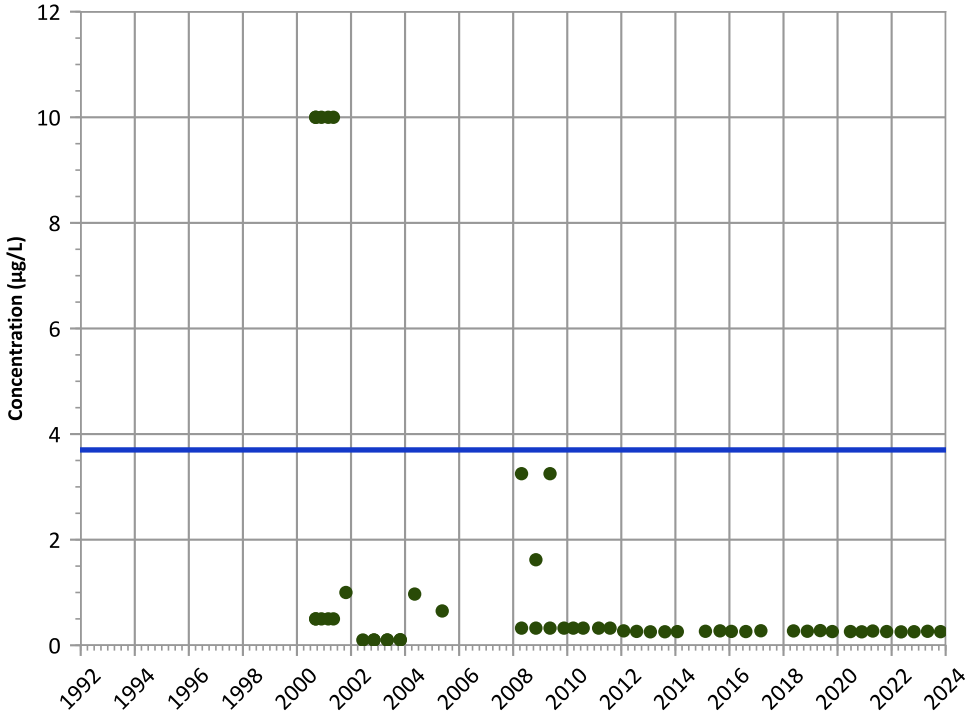
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

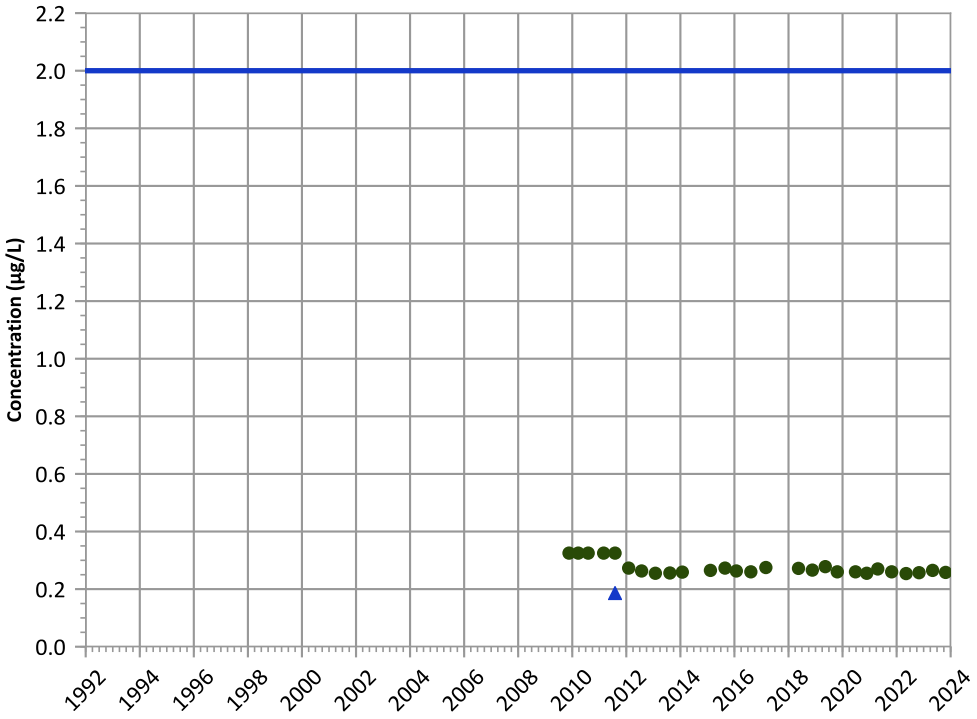


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

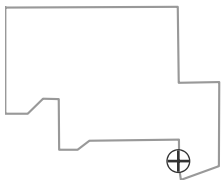
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

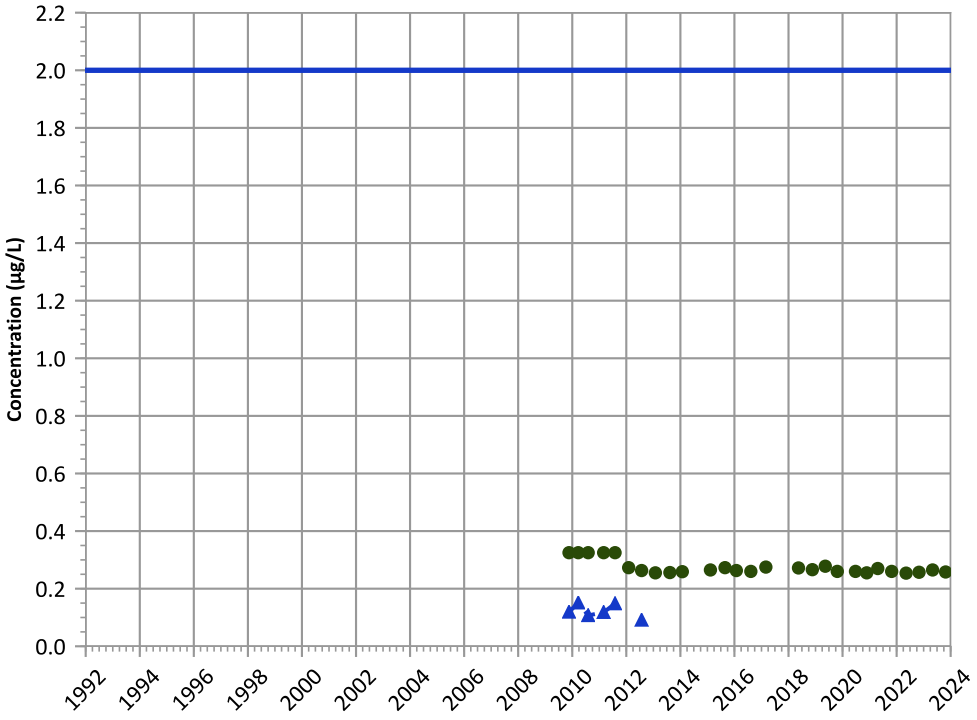
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

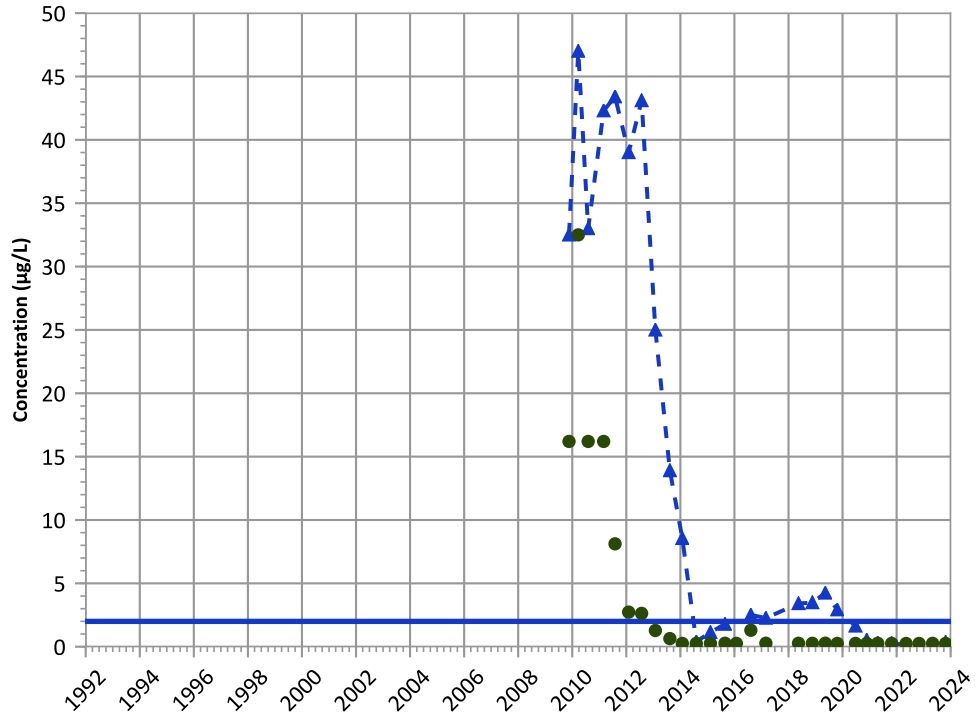


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

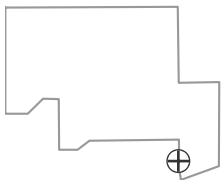
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

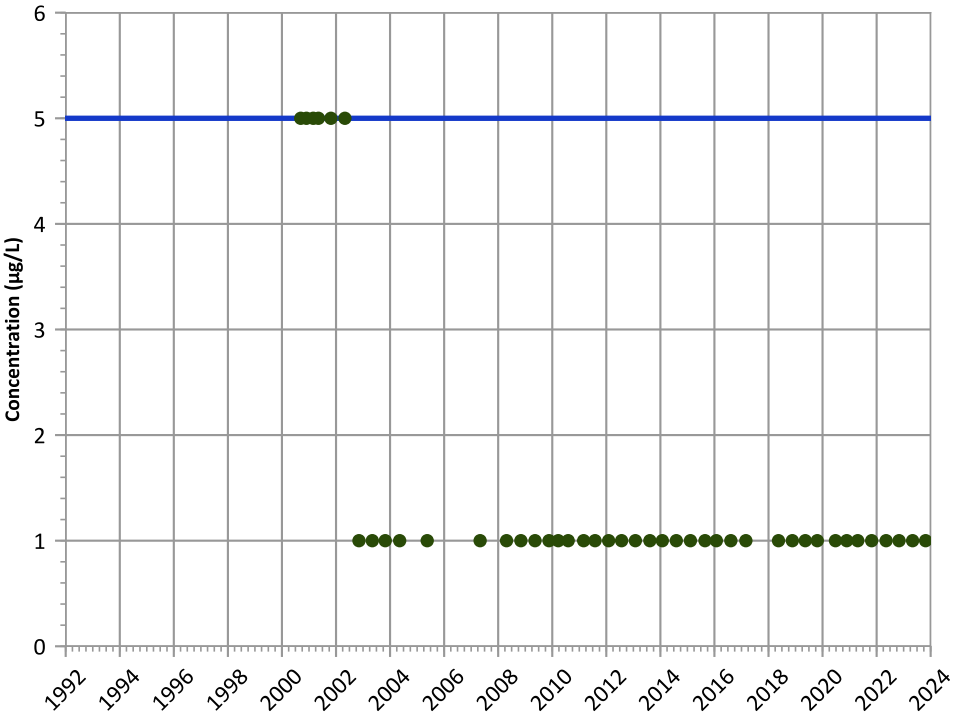
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

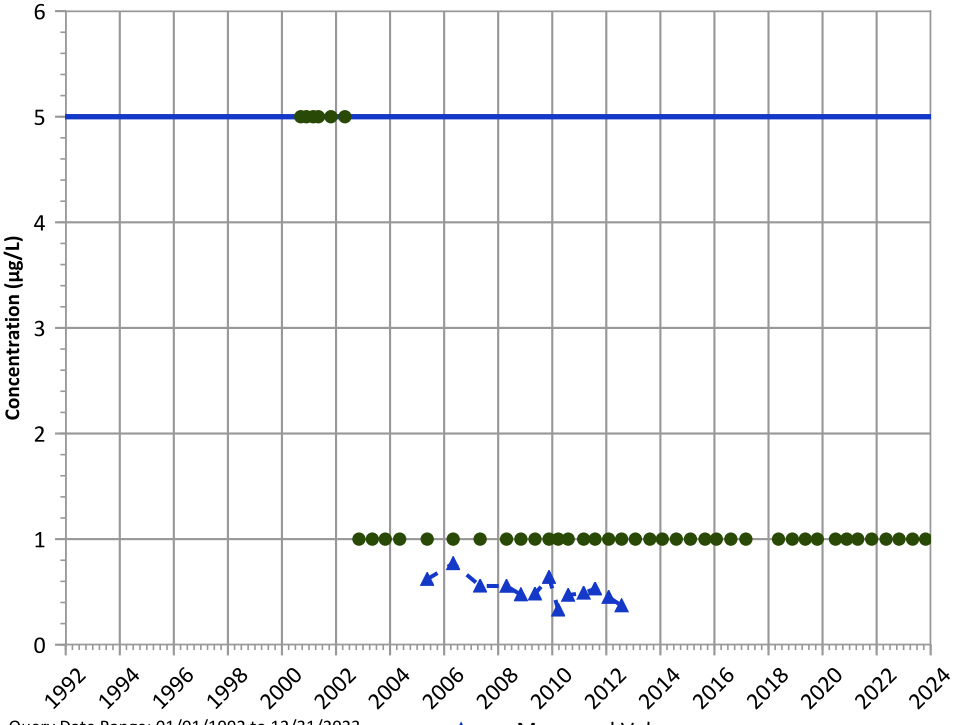


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

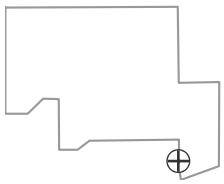
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

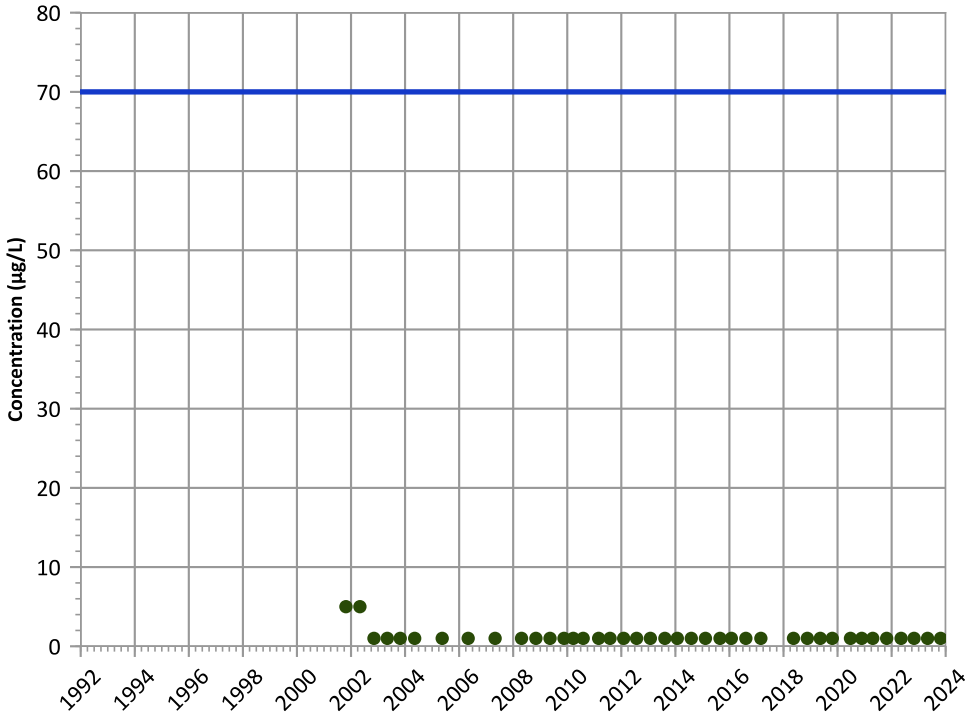
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

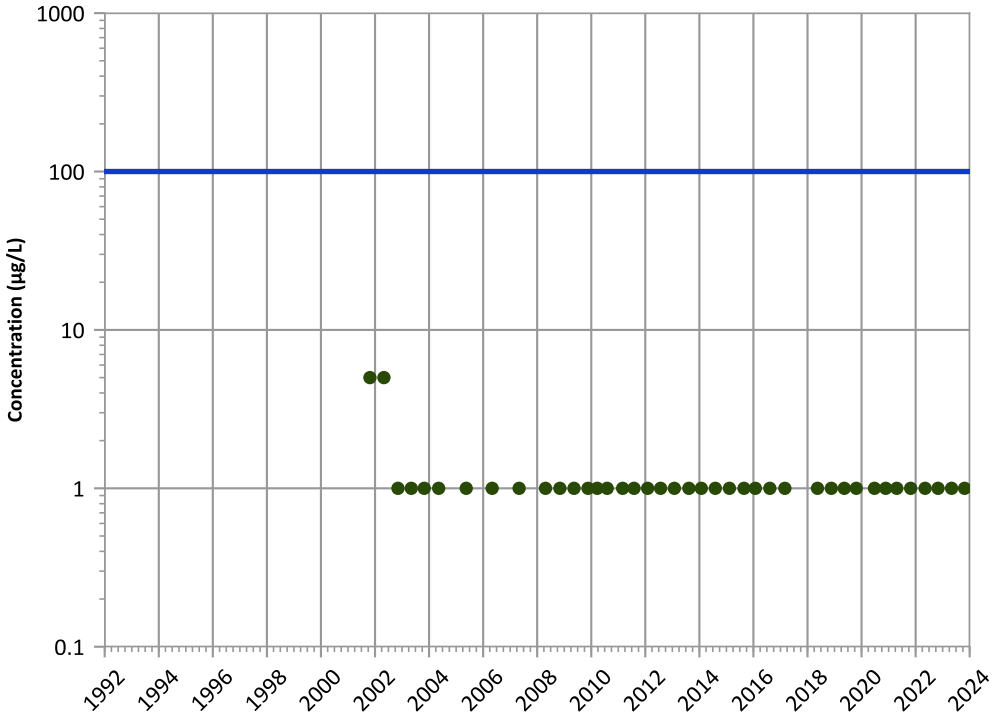
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



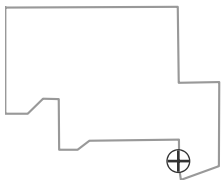
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

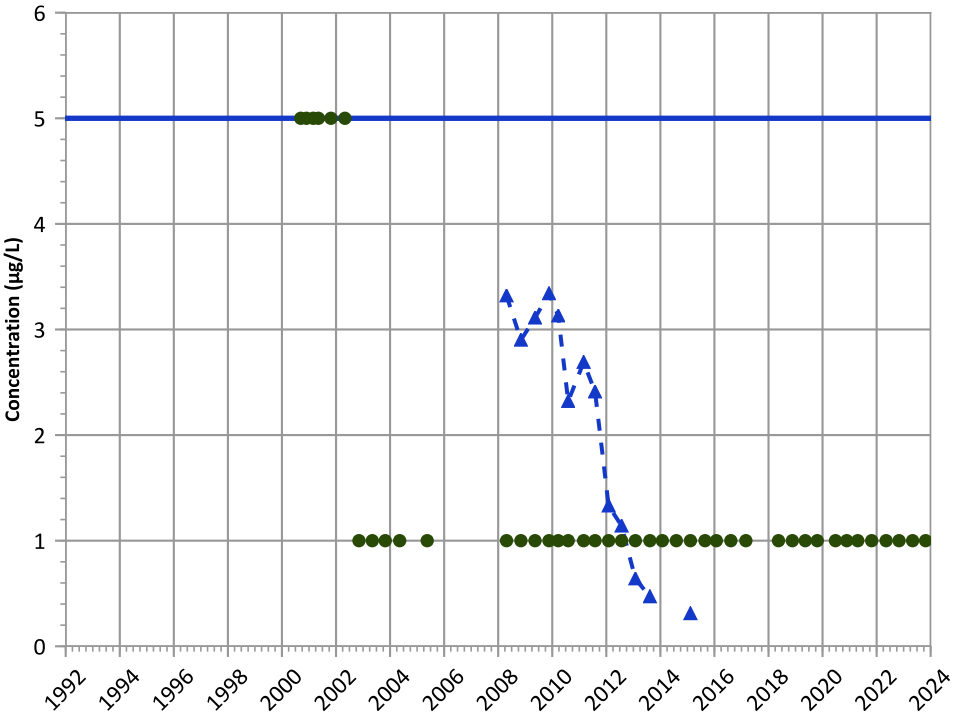
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

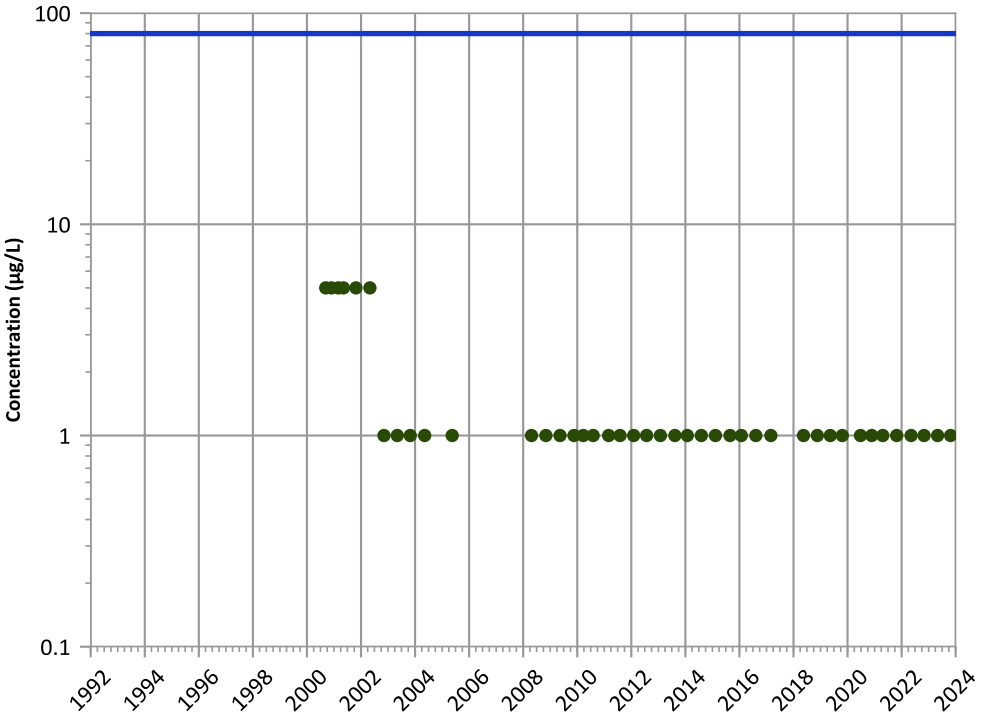


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chloroform Trend



Concentration Trend

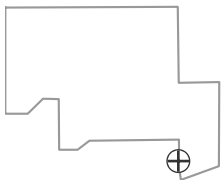
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

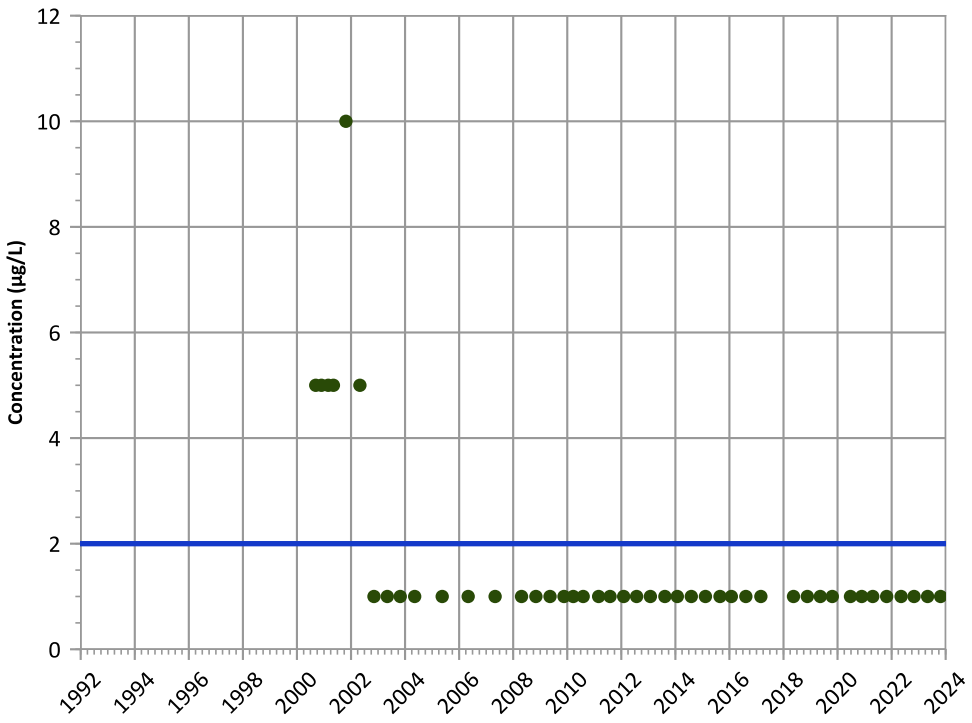
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

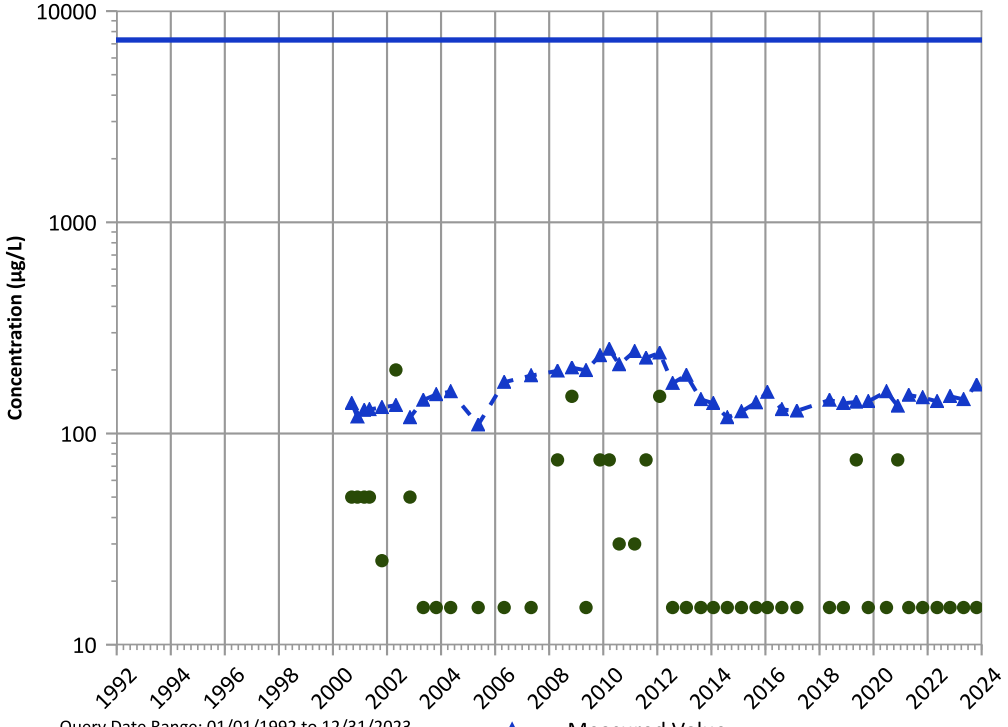


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

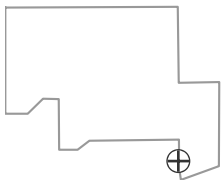
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

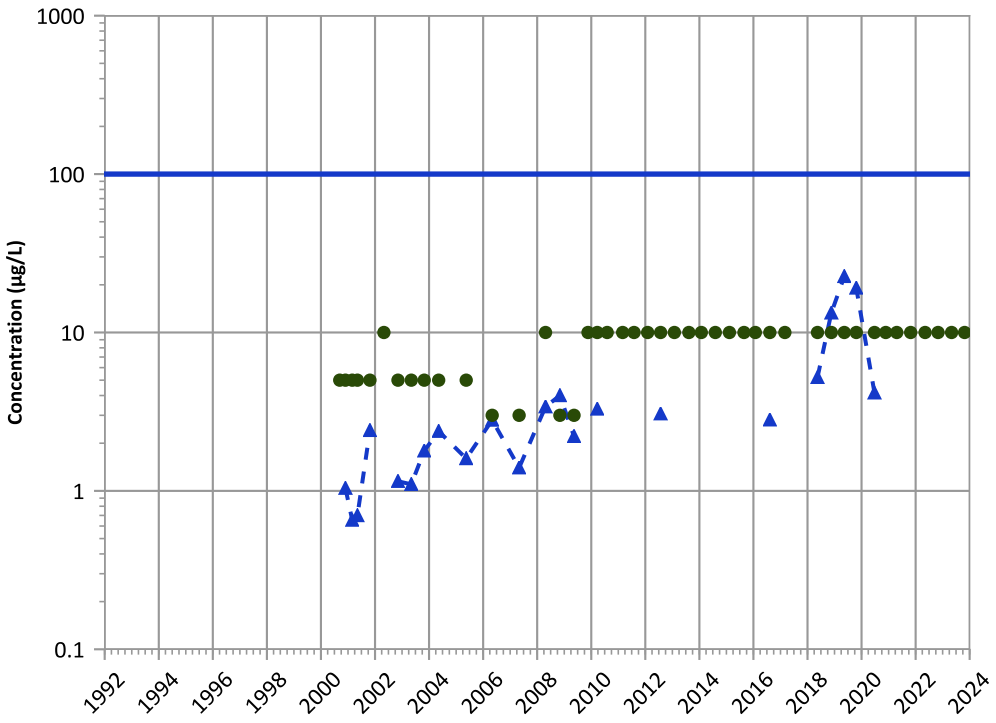
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

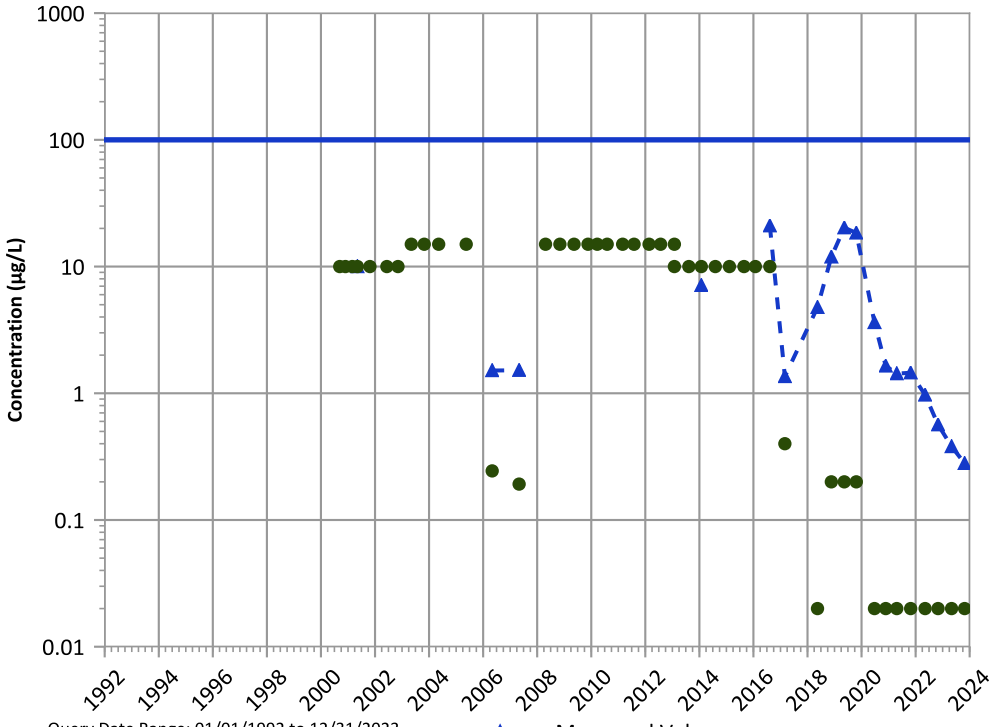


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

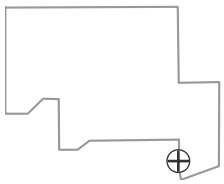
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

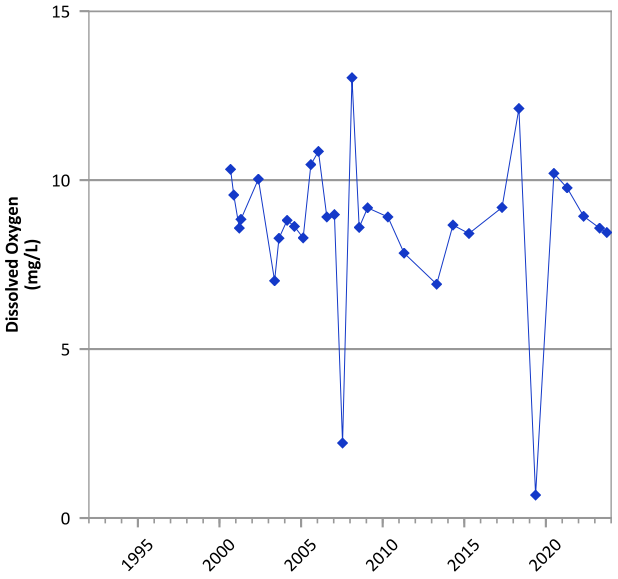
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/11/2000 to 10/25/2023
Analysis Date: 04/01/2024

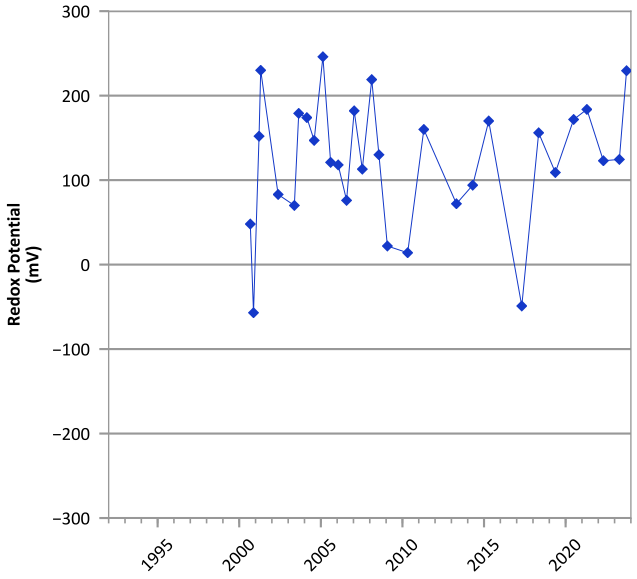
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

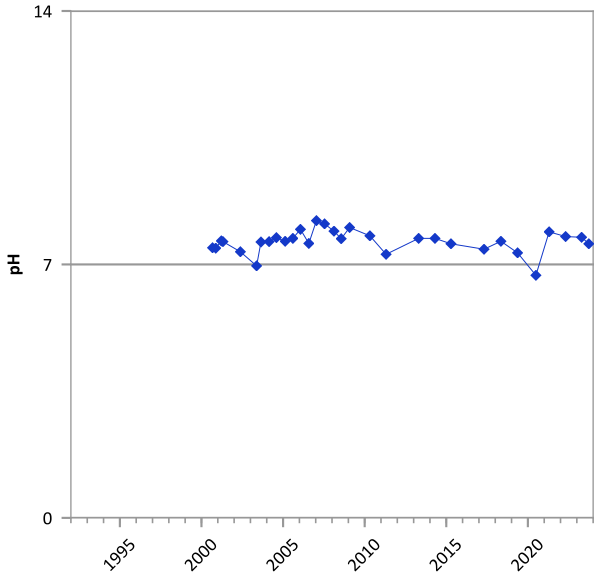
Well Location

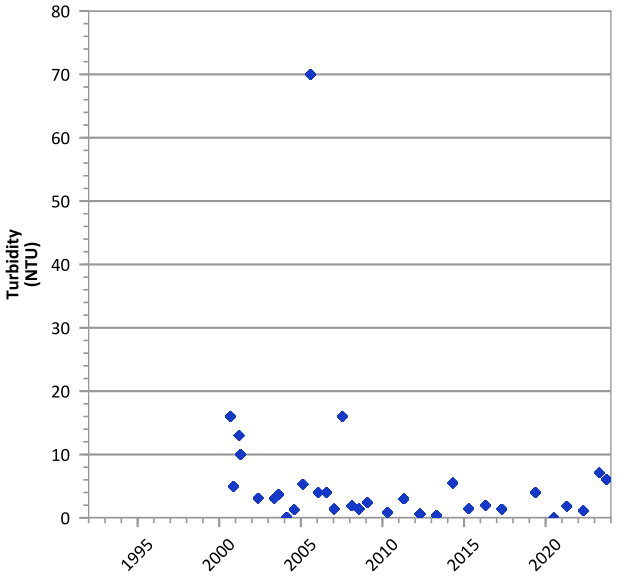


PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

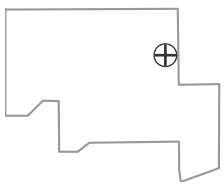






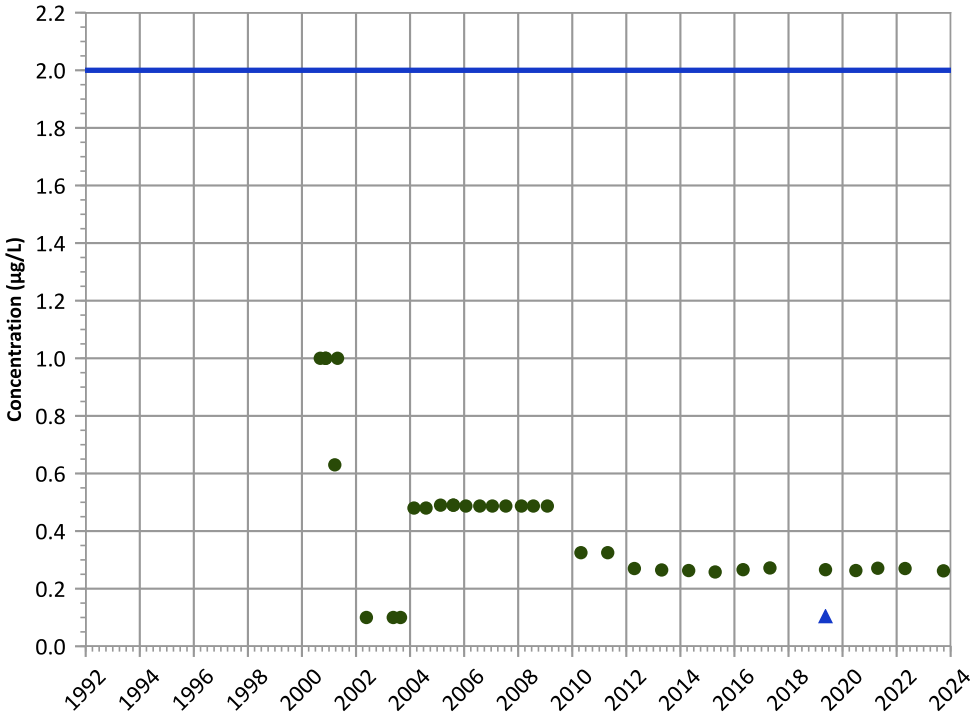


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

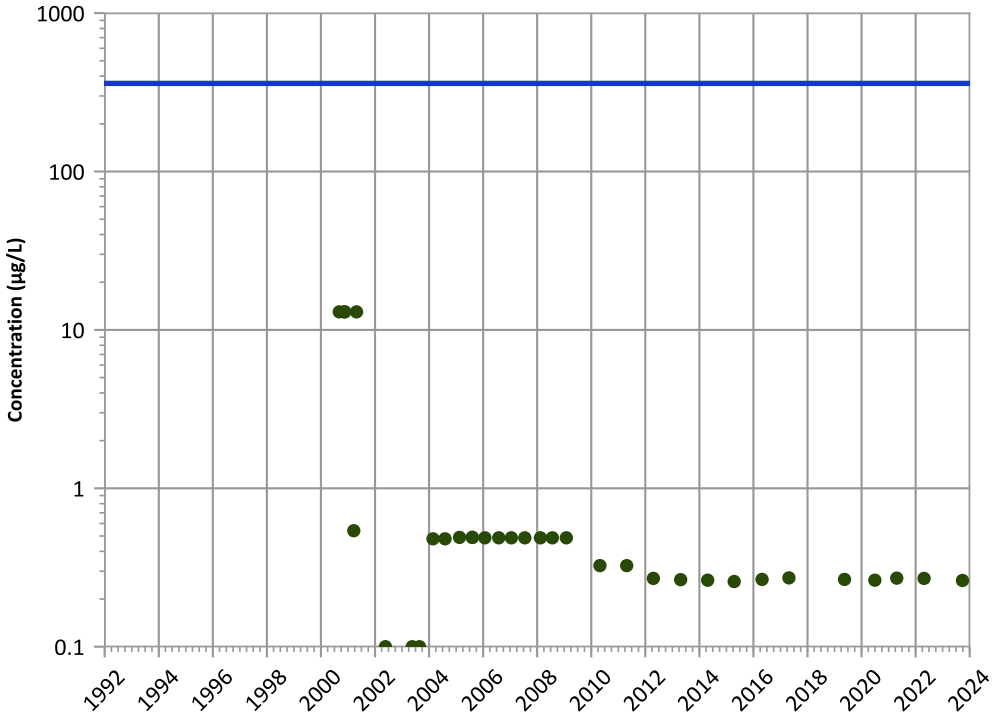


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

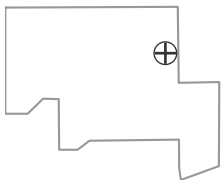
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

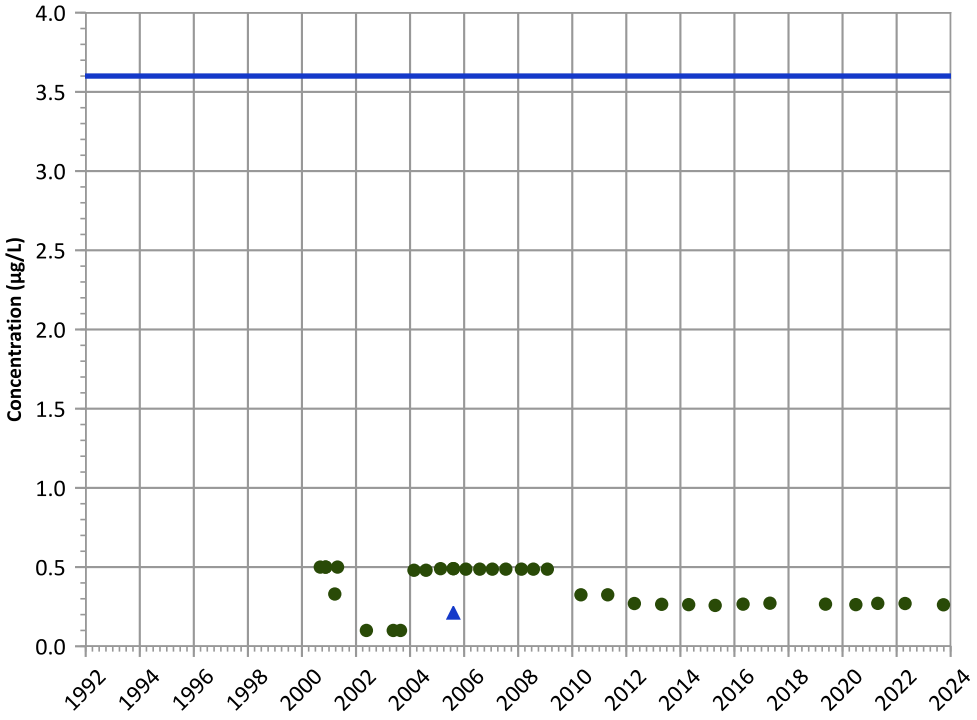
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

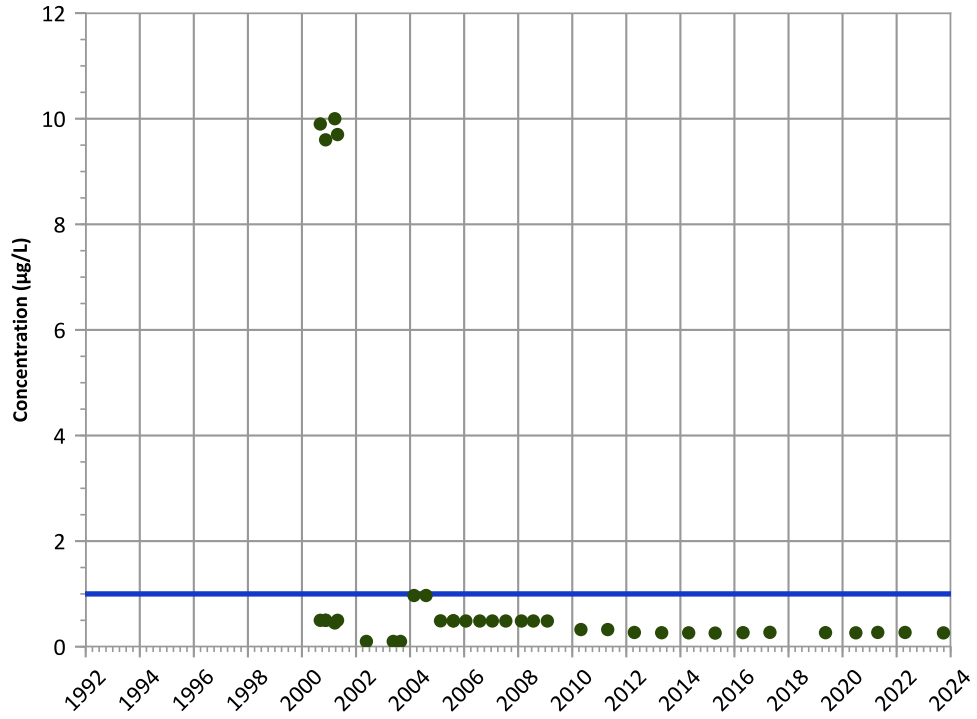


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

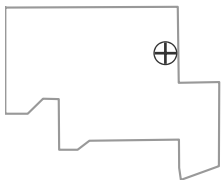
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

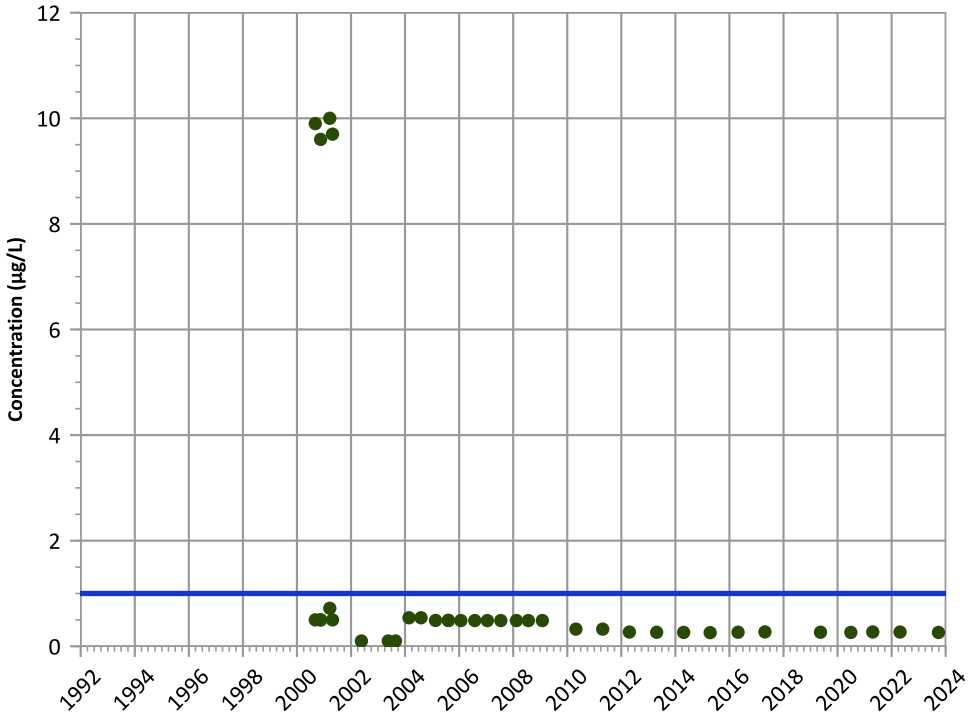
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

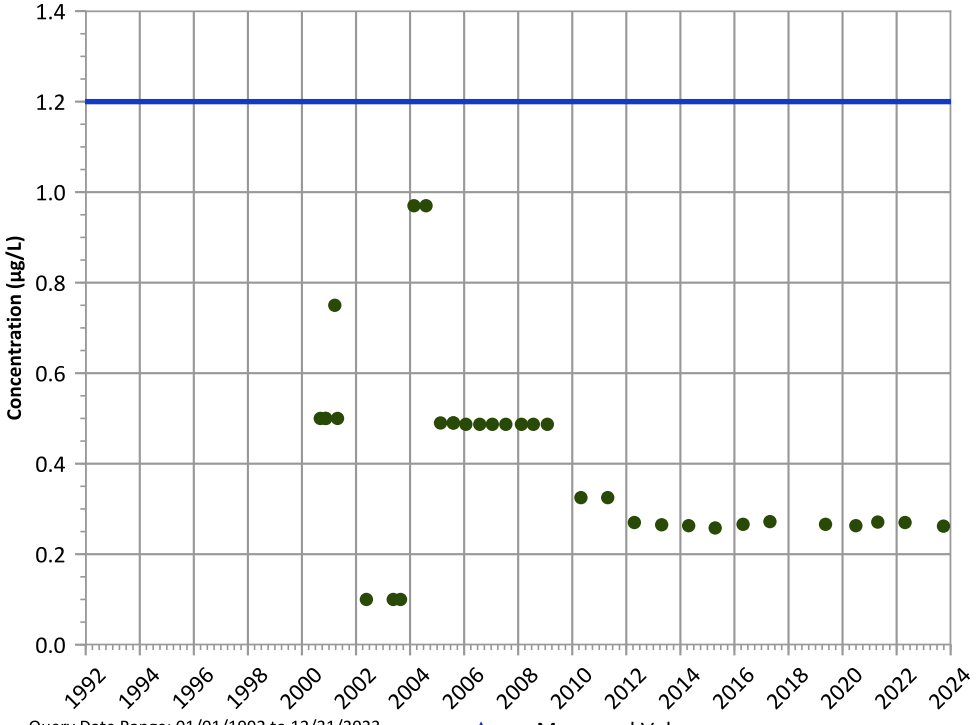
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



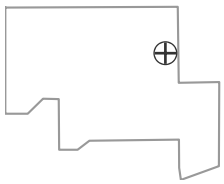
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

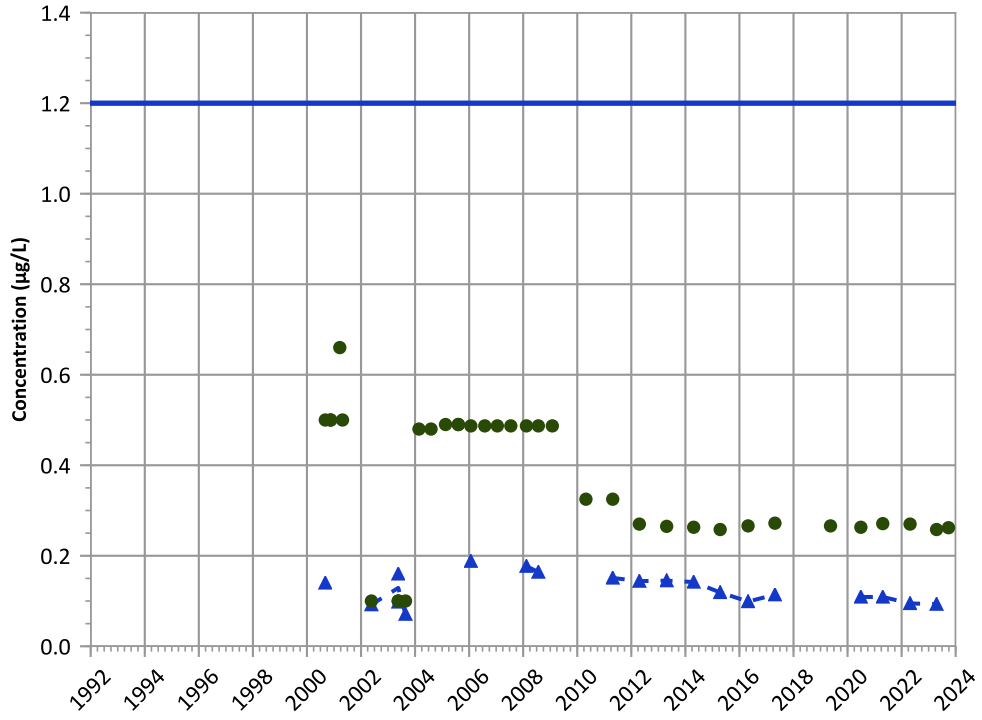
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

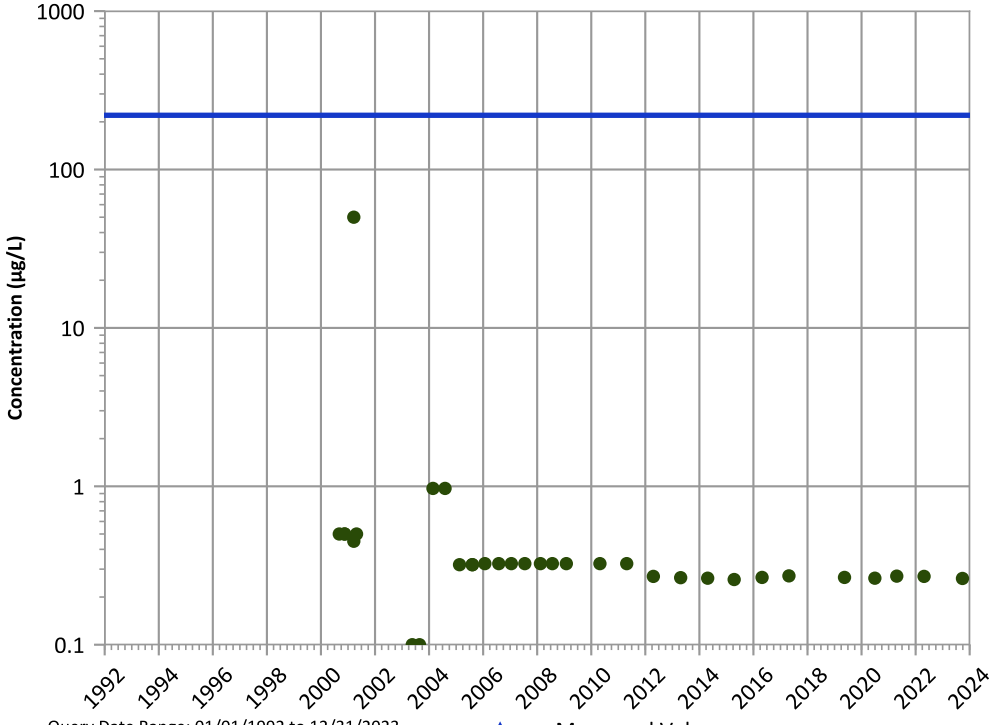


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

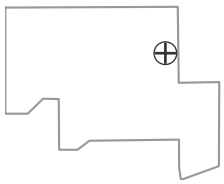
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

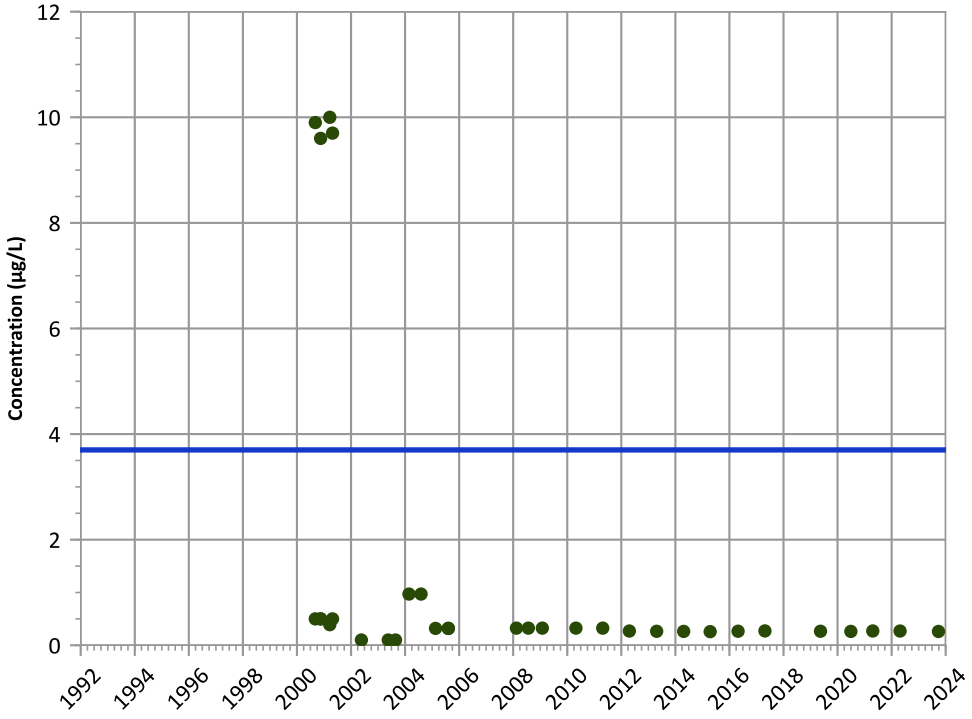
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

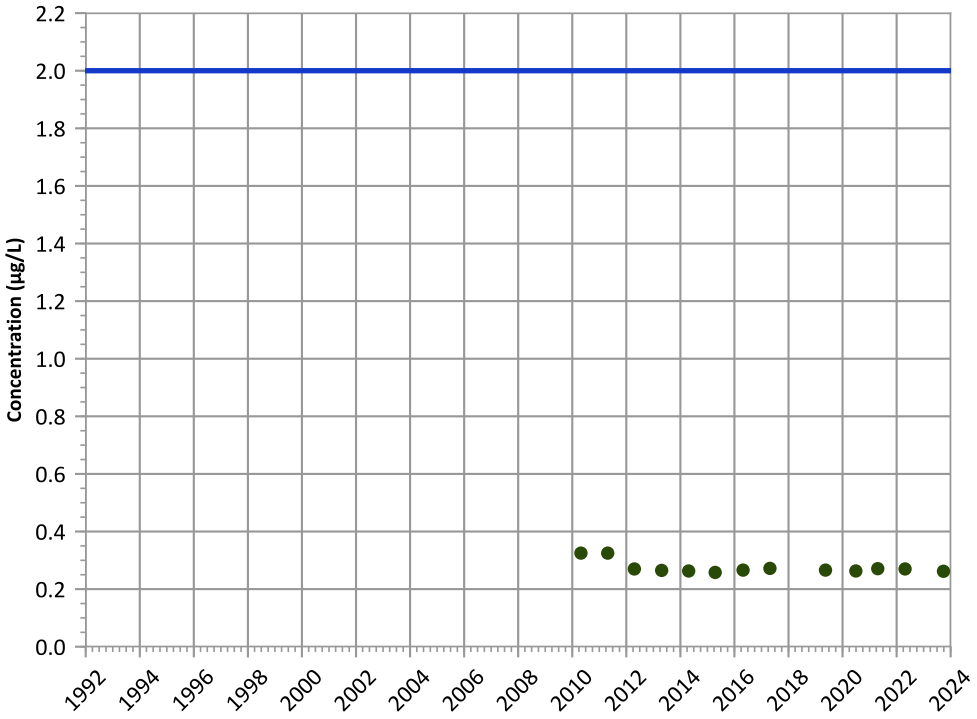


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

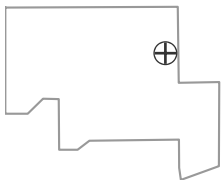
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

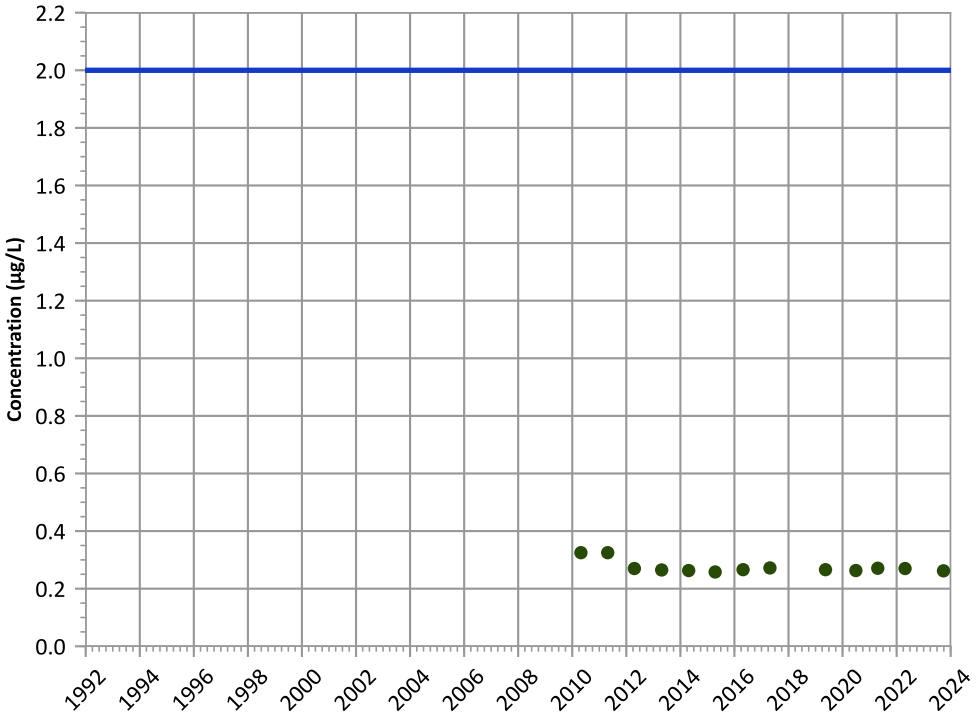
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

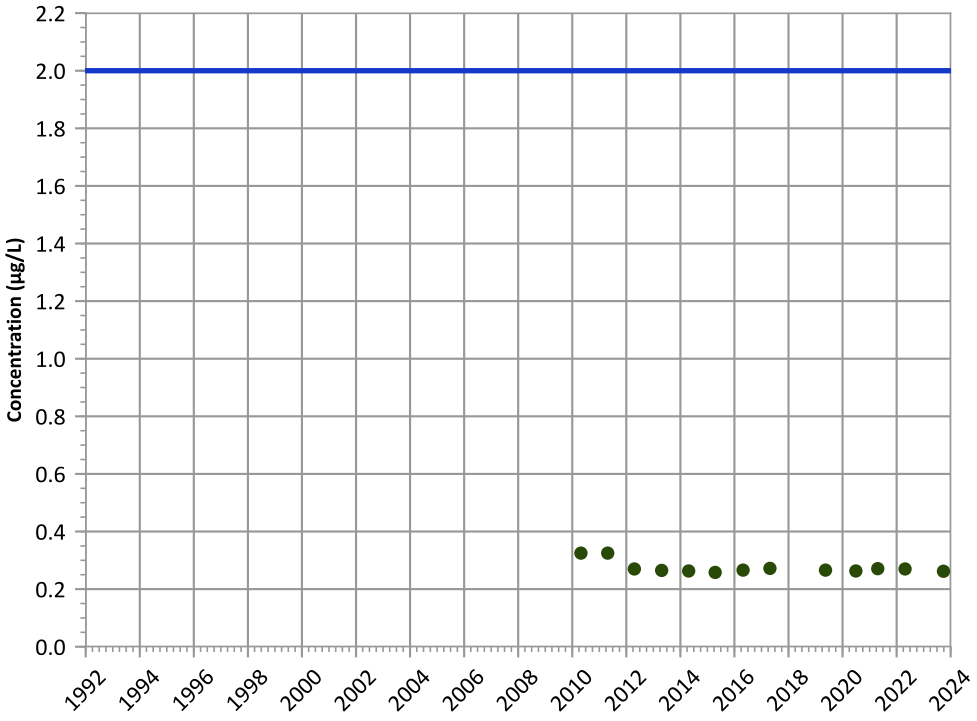


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

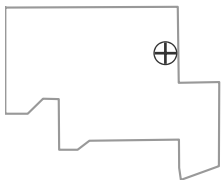
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

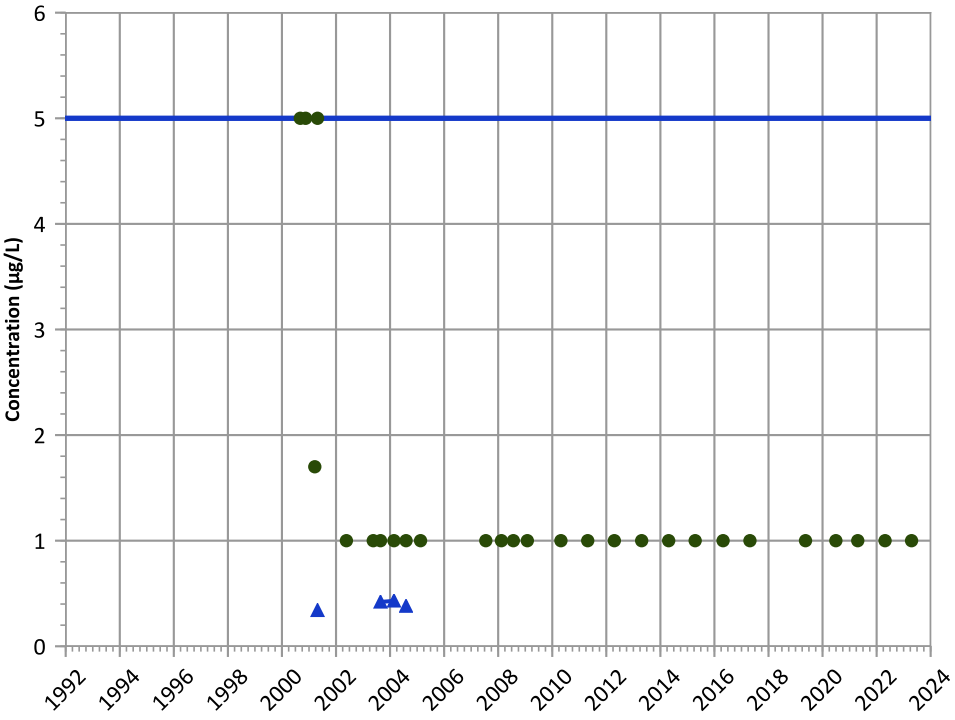
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

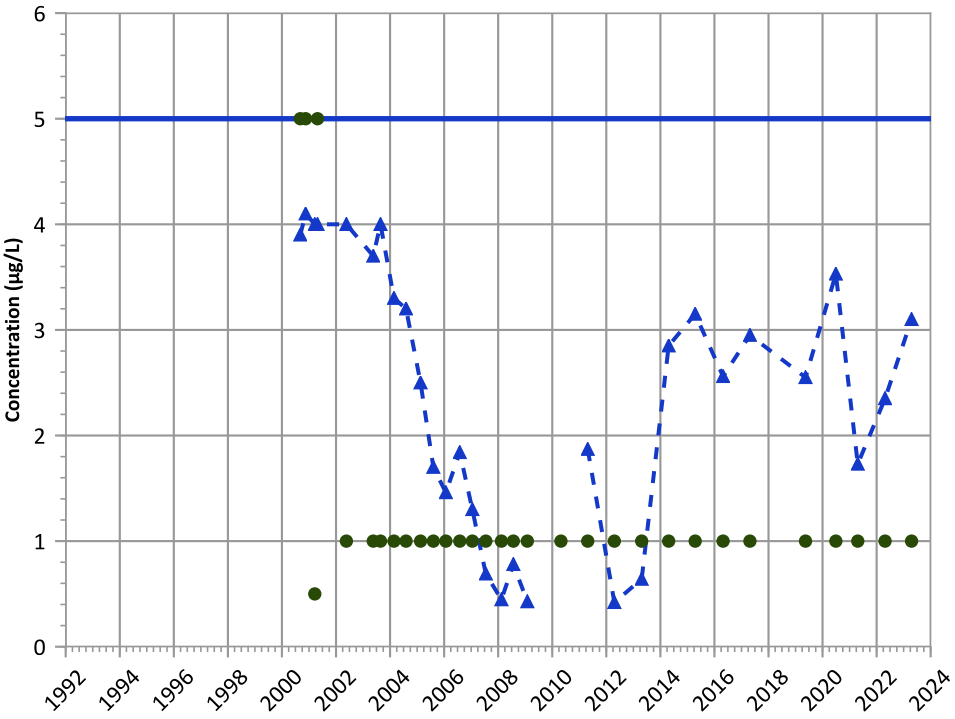


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
No Trend

Trichloroethene Trend



Concentration Trend

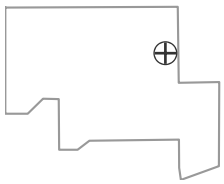
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

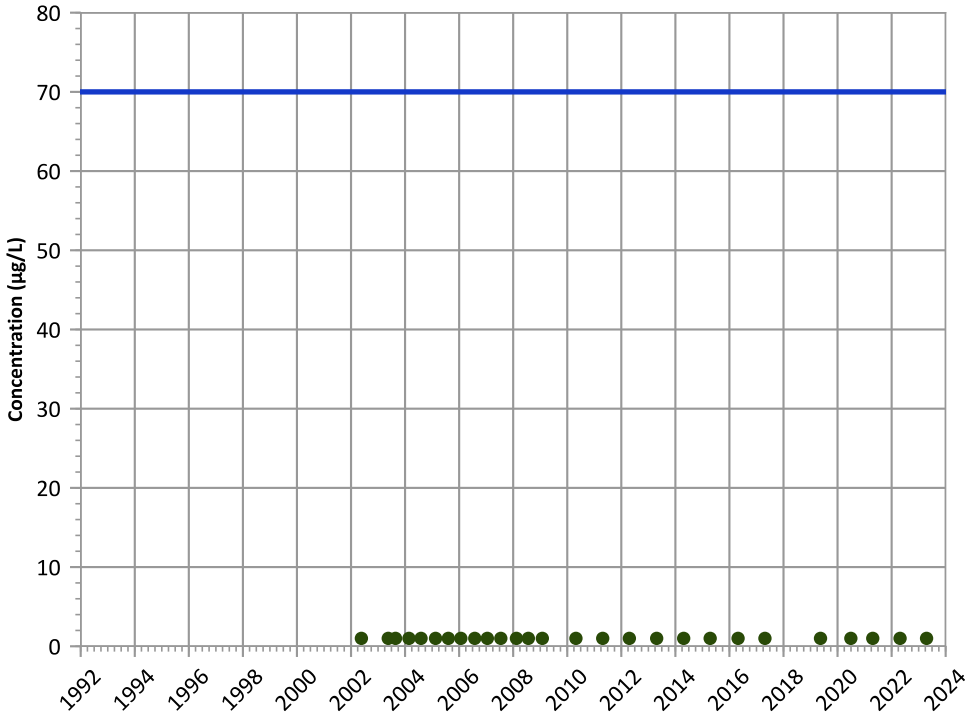
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

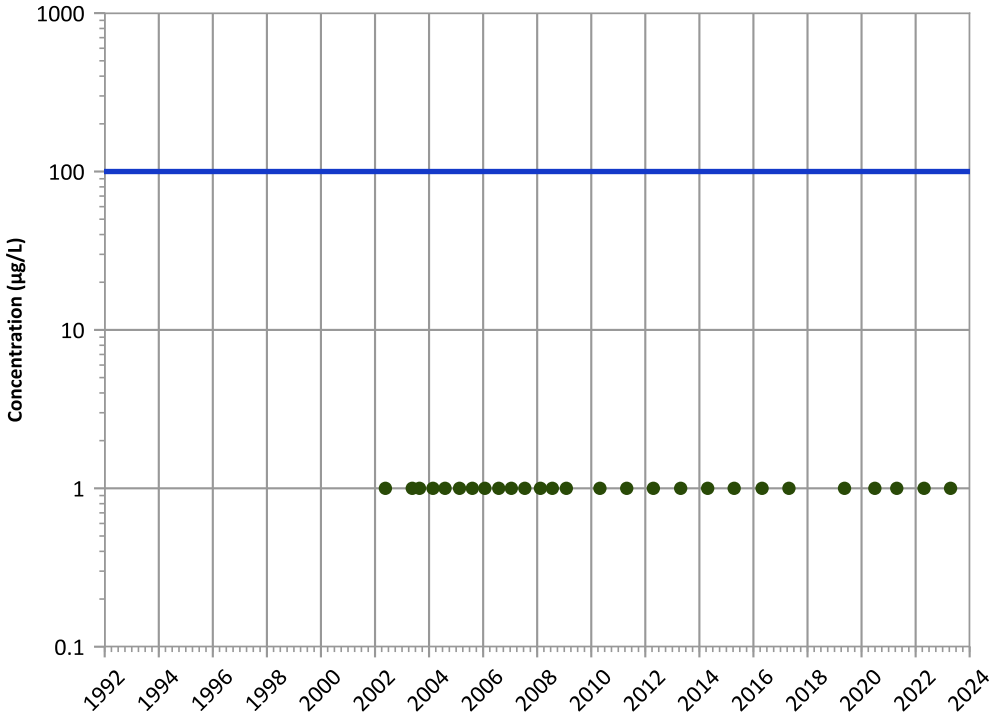
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



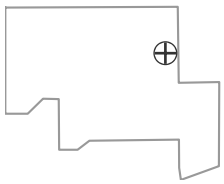
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

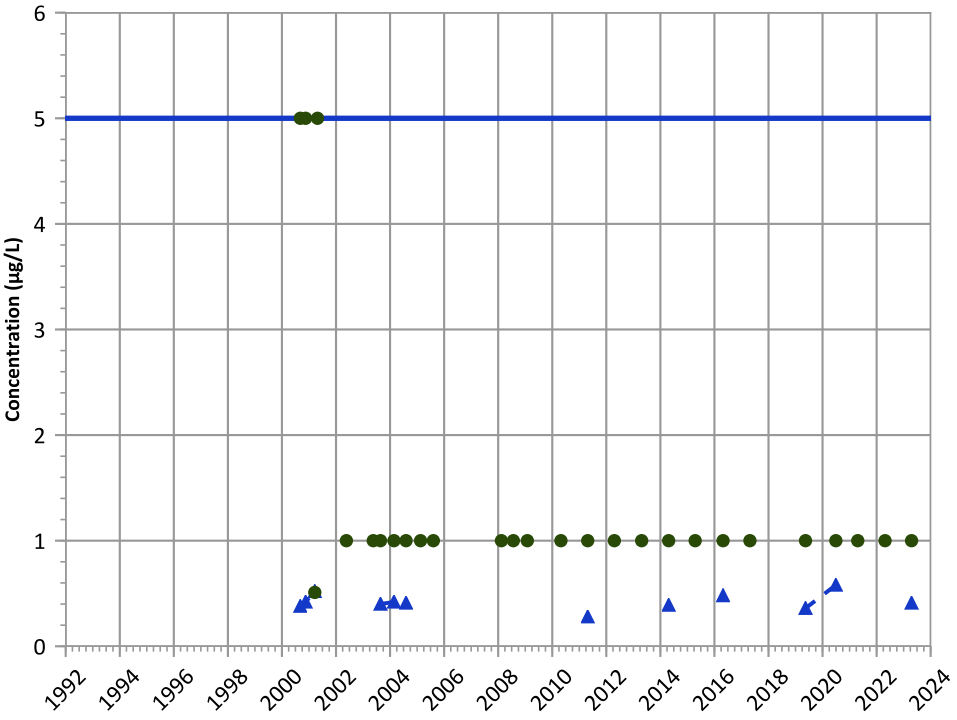
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

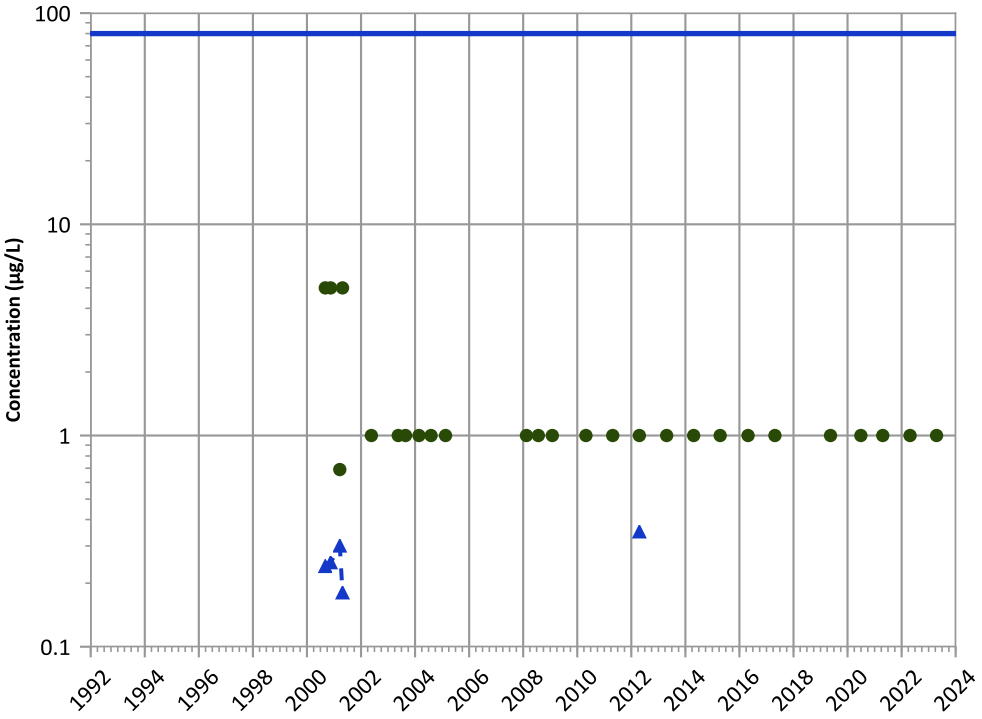


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

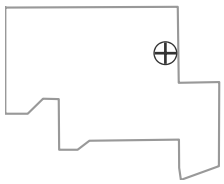
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

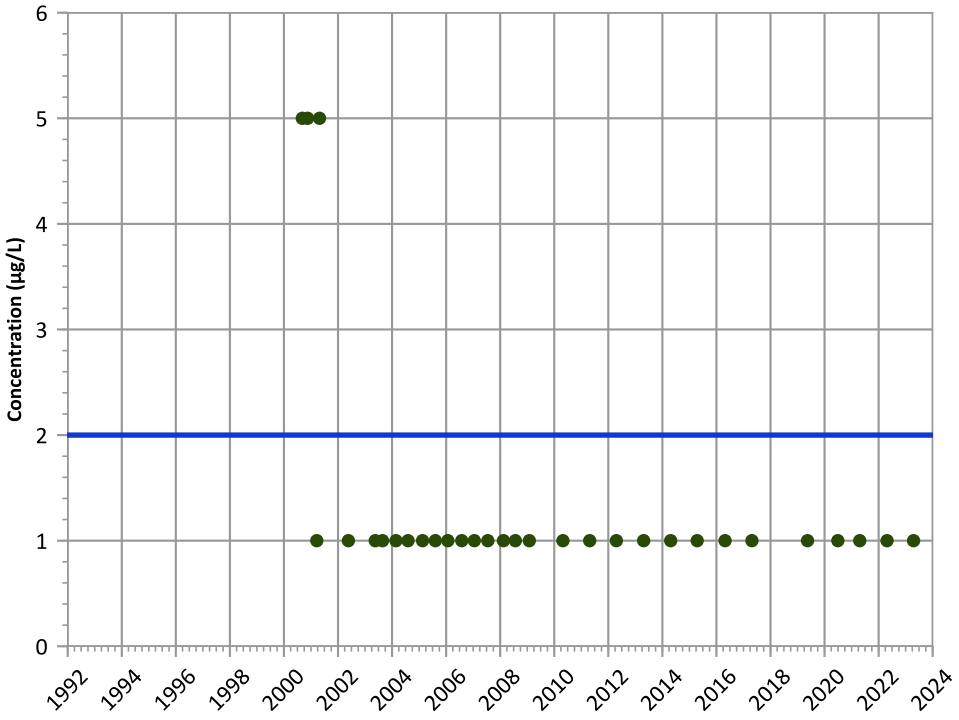
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

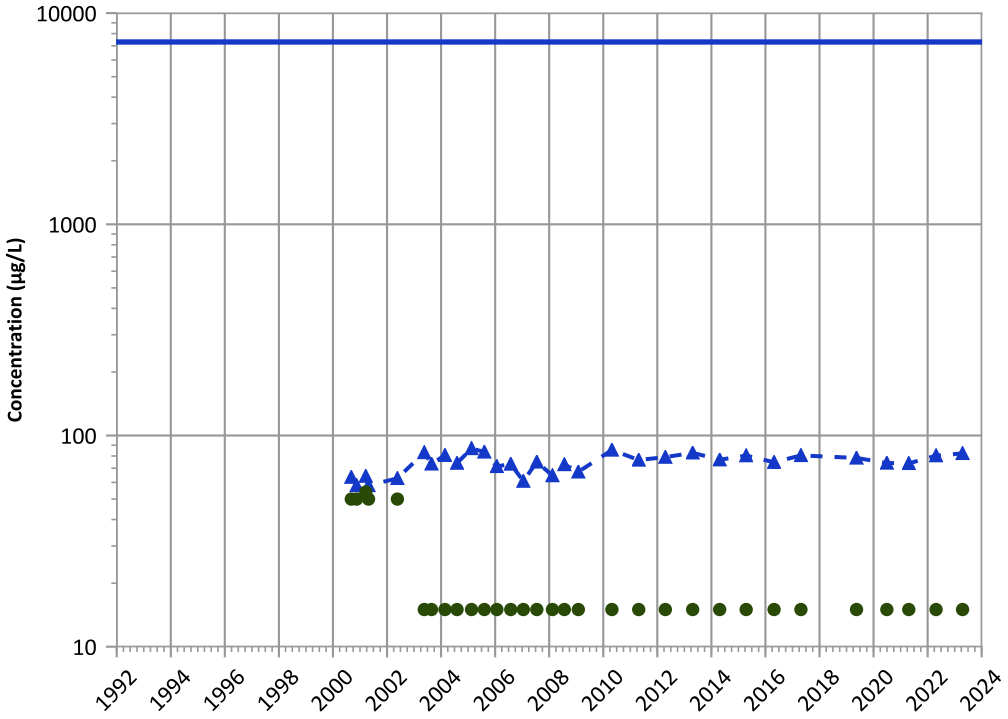


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

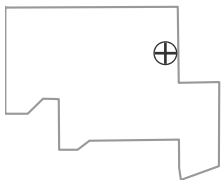
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

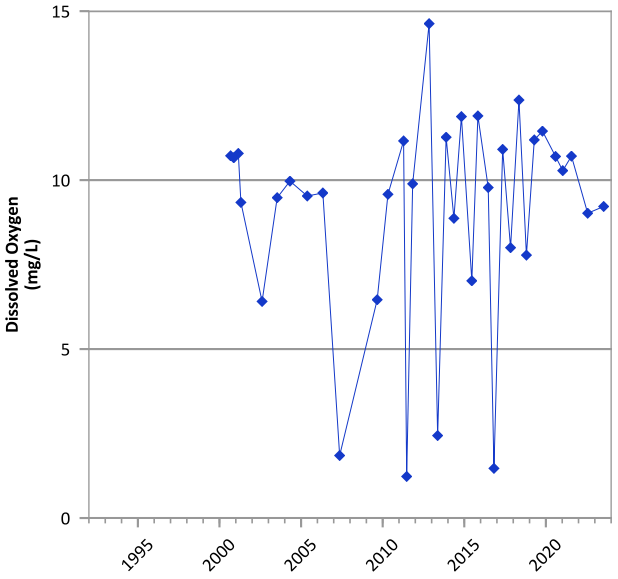
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 09/26/2023
Analysis Date: 04/01/2024

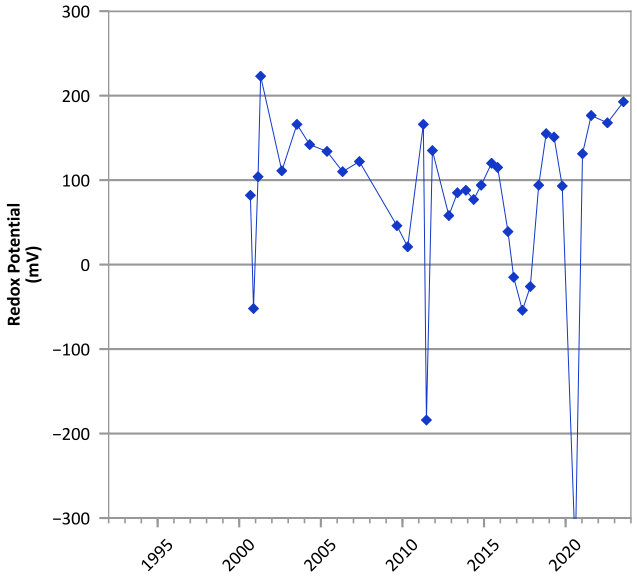
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

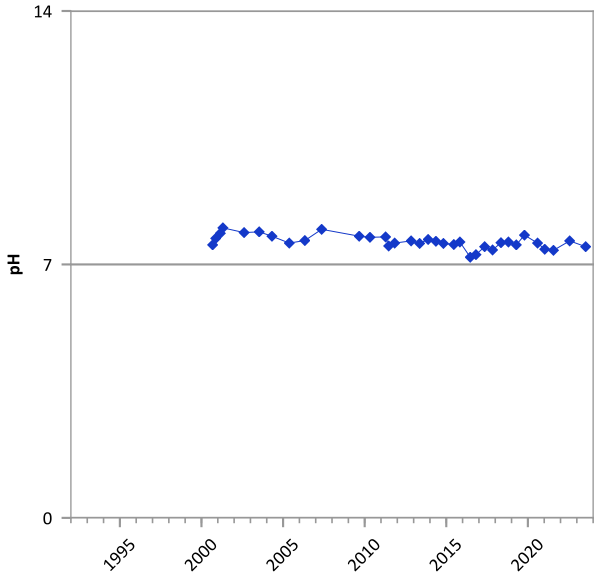
Well Location

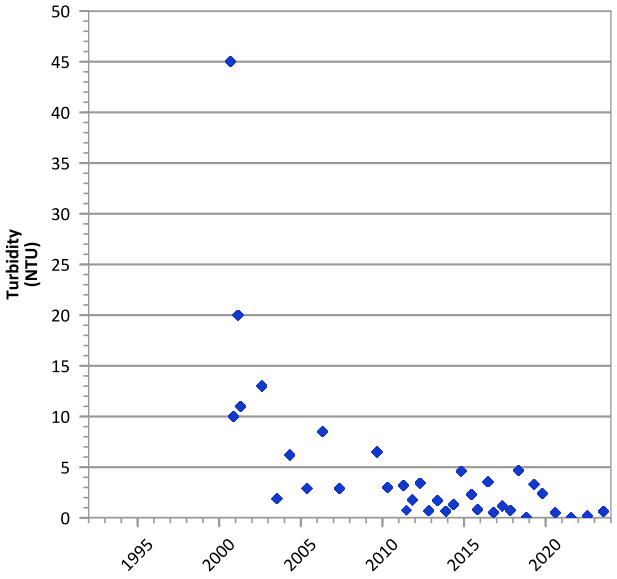


PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

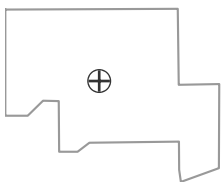






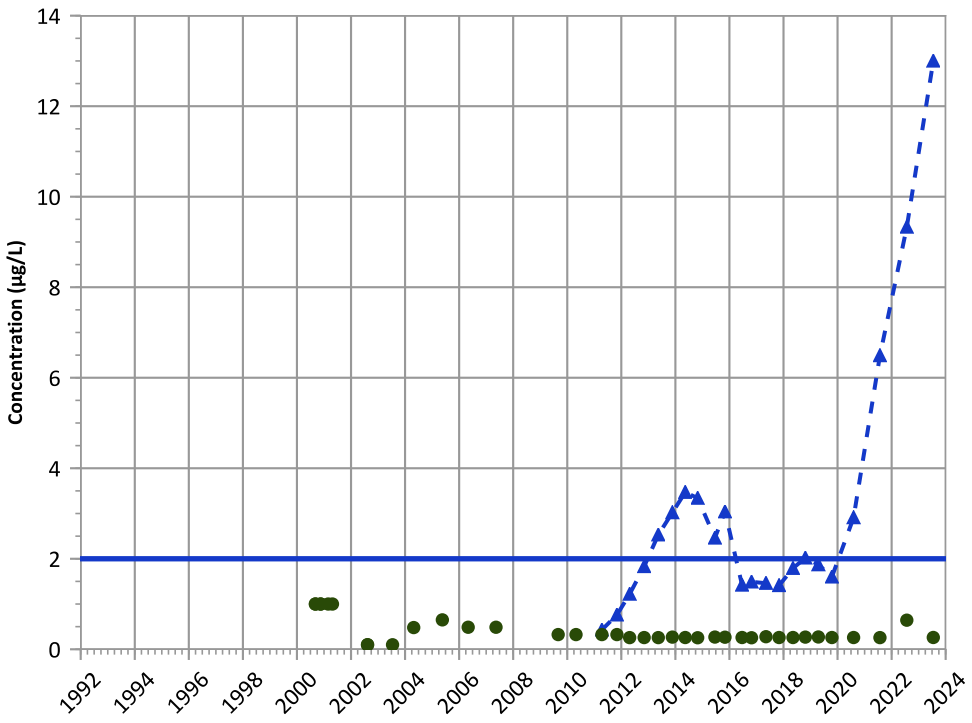


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

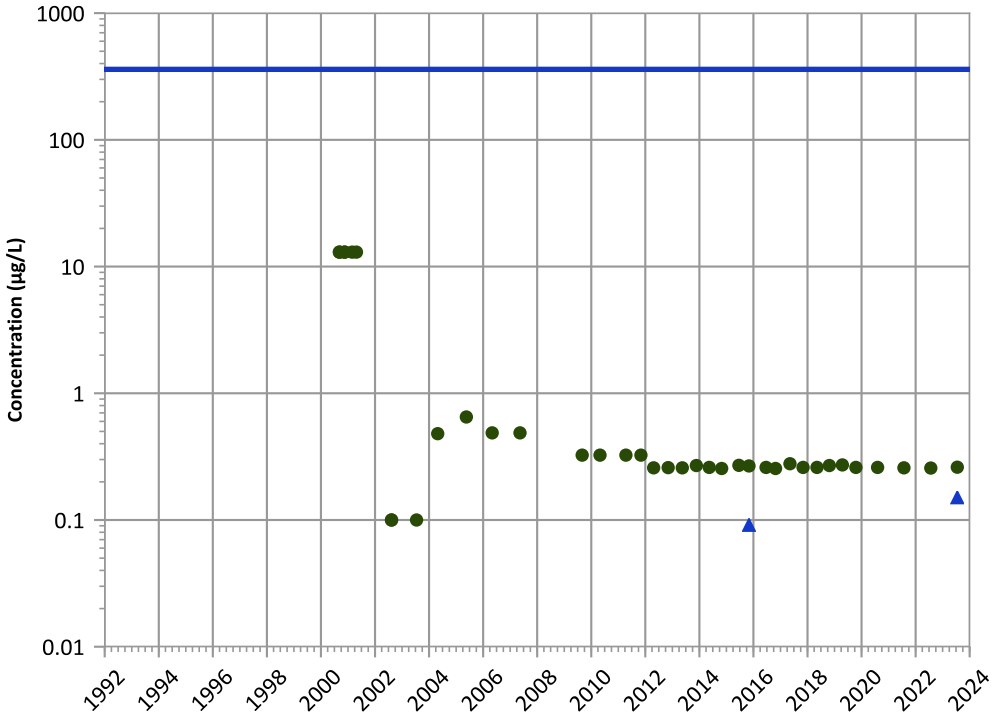


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

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



Concentration Trend

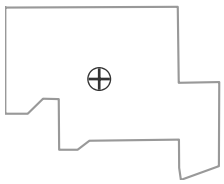
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

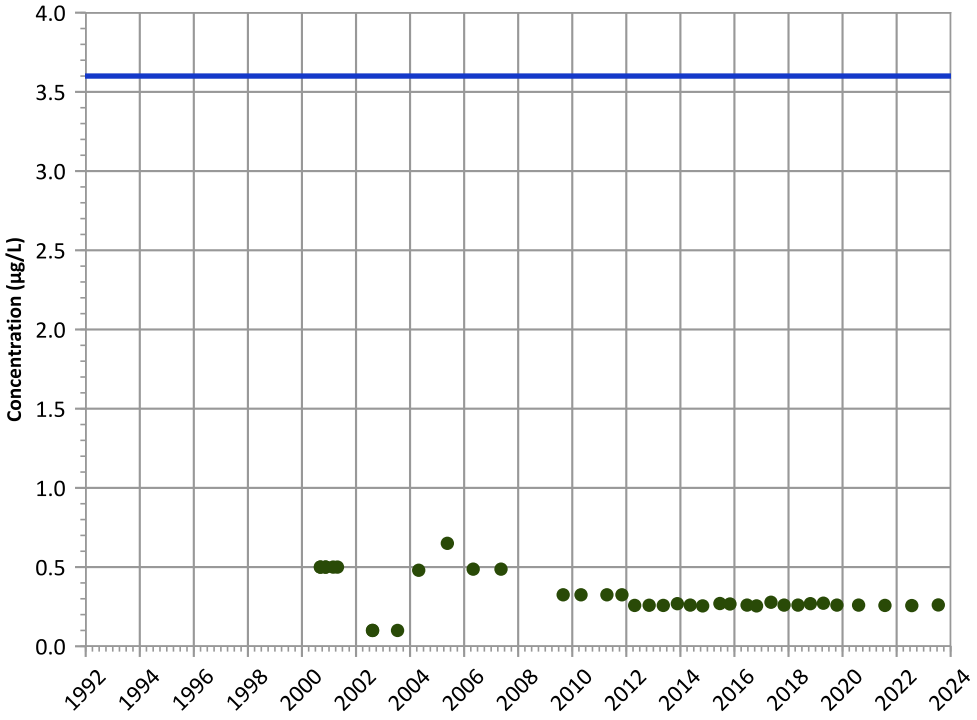
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

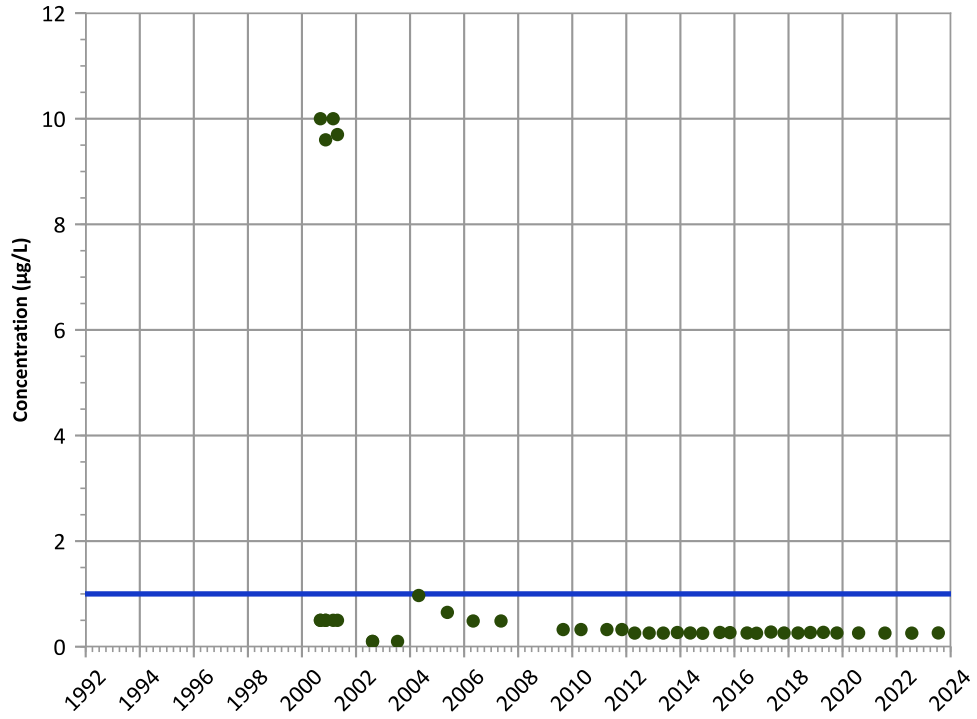


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

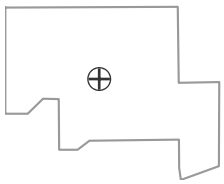
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

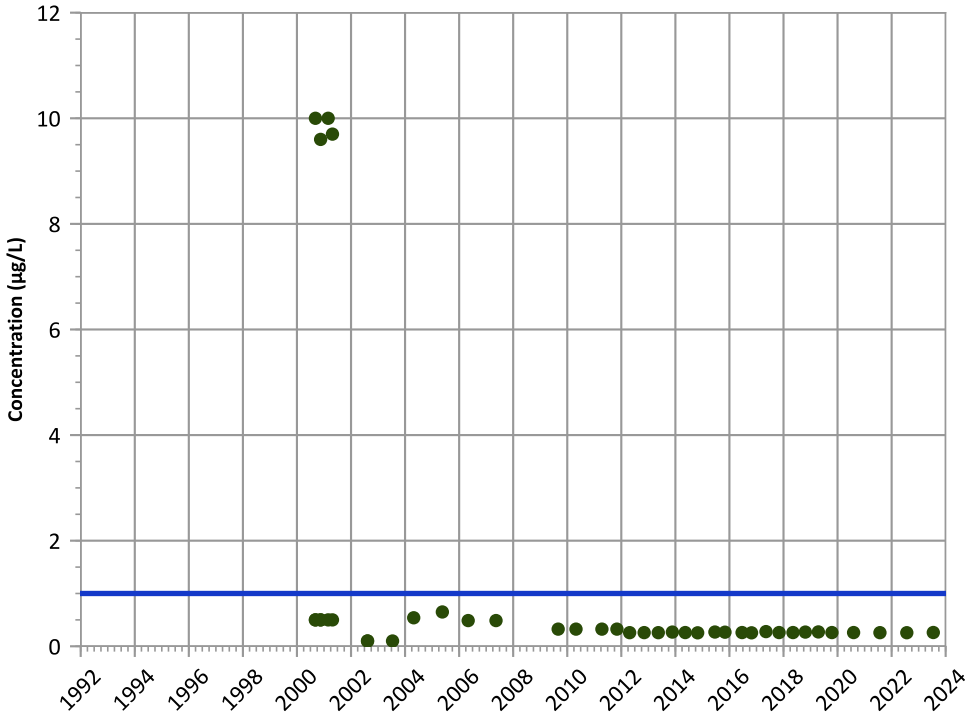
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

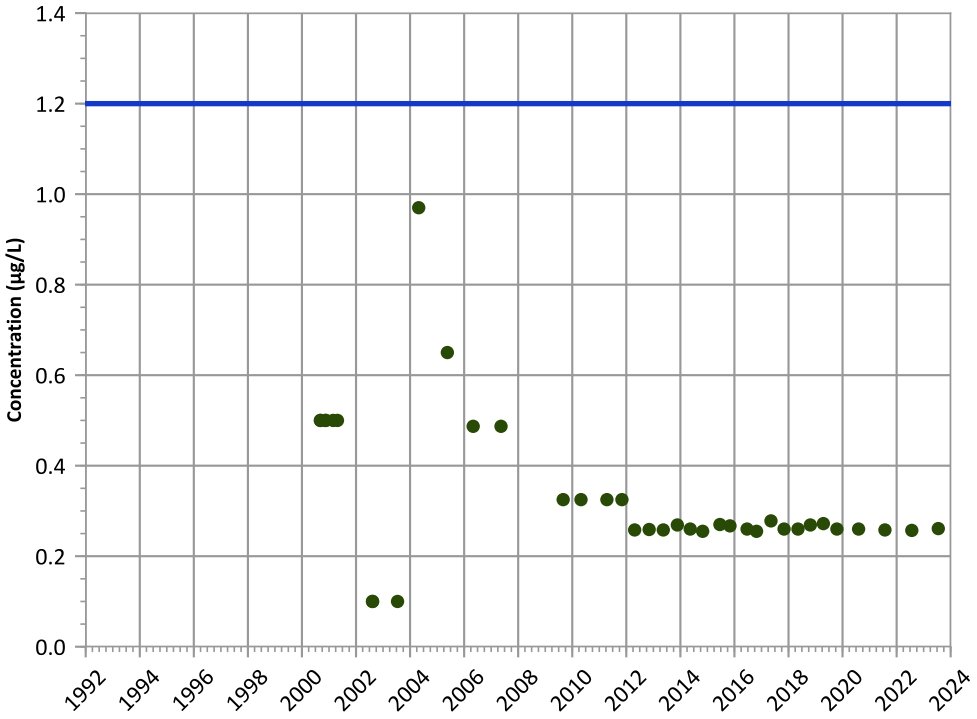
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



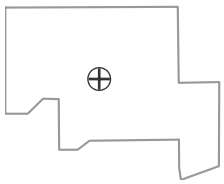
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

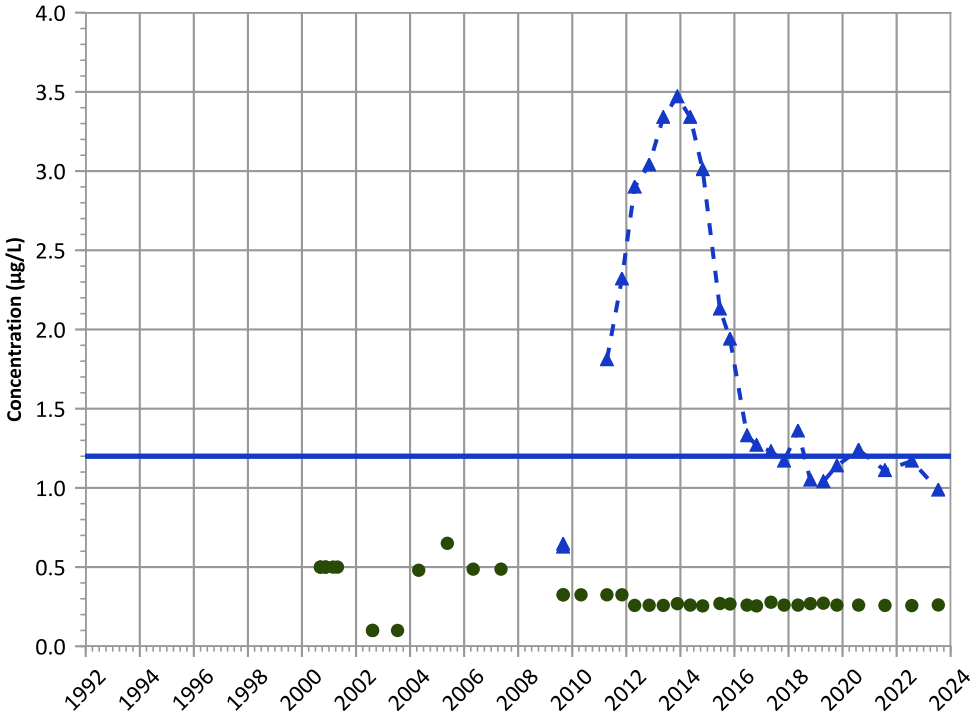
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

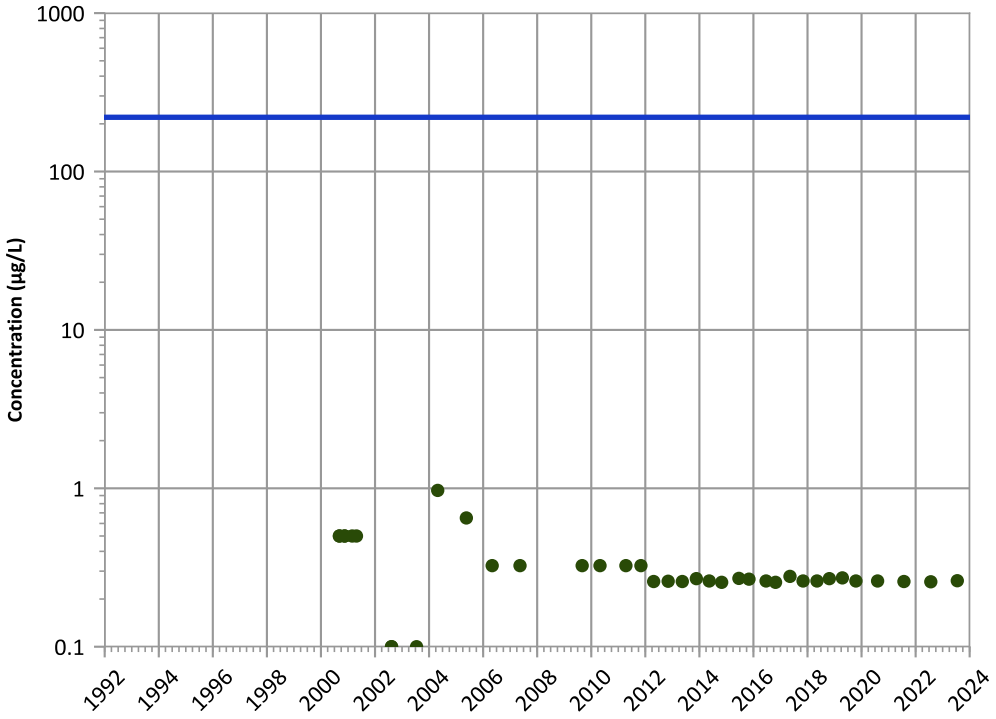


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

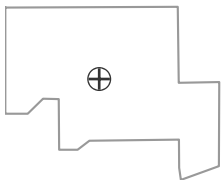
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

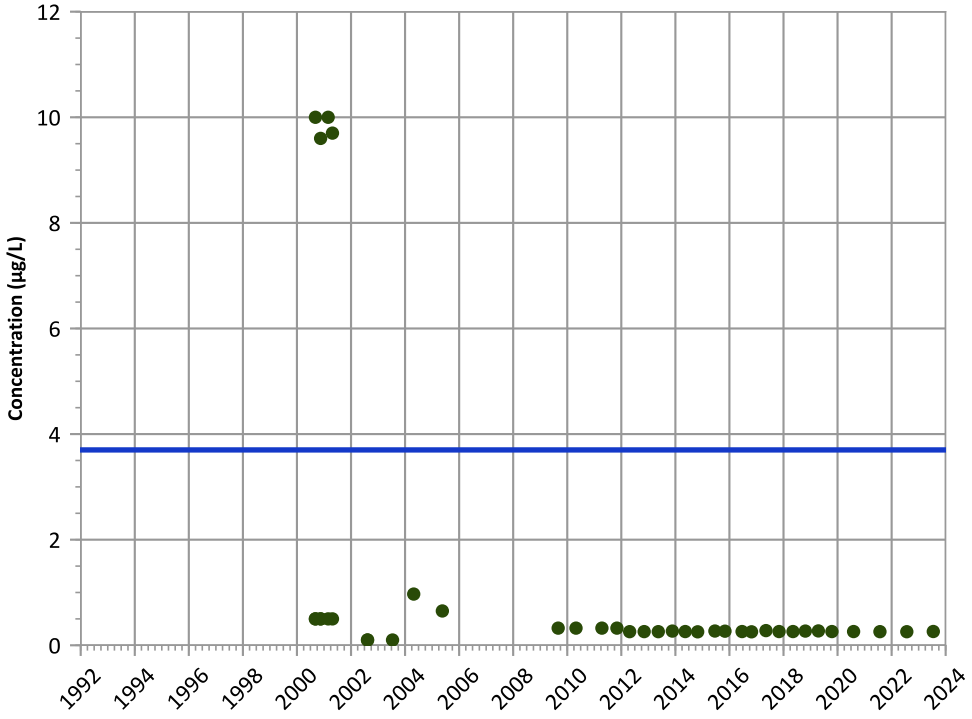
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

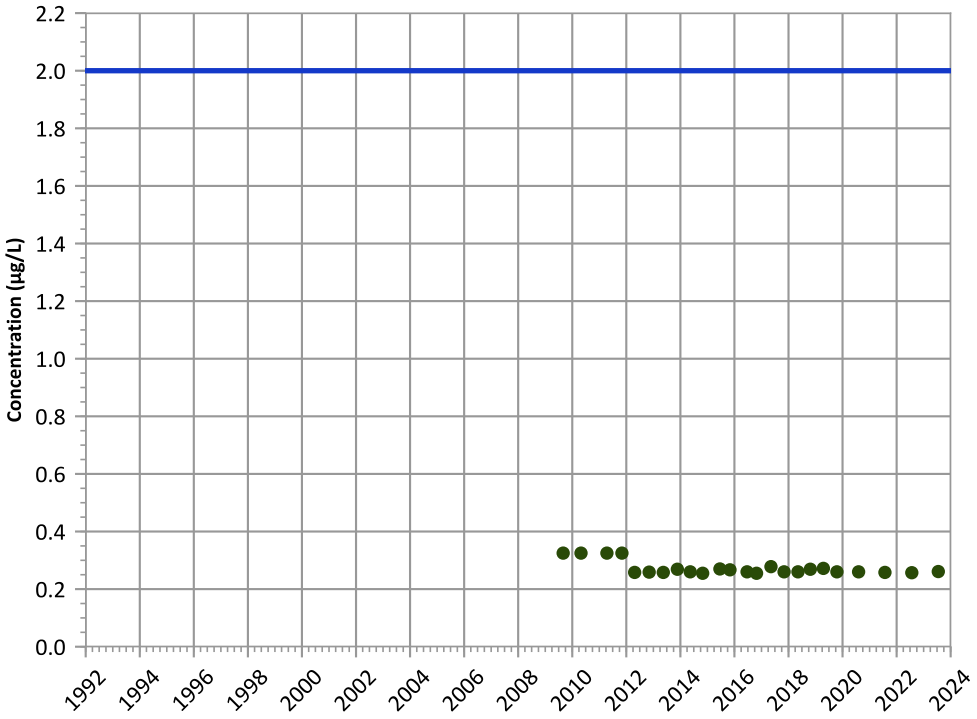


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

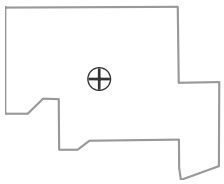
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

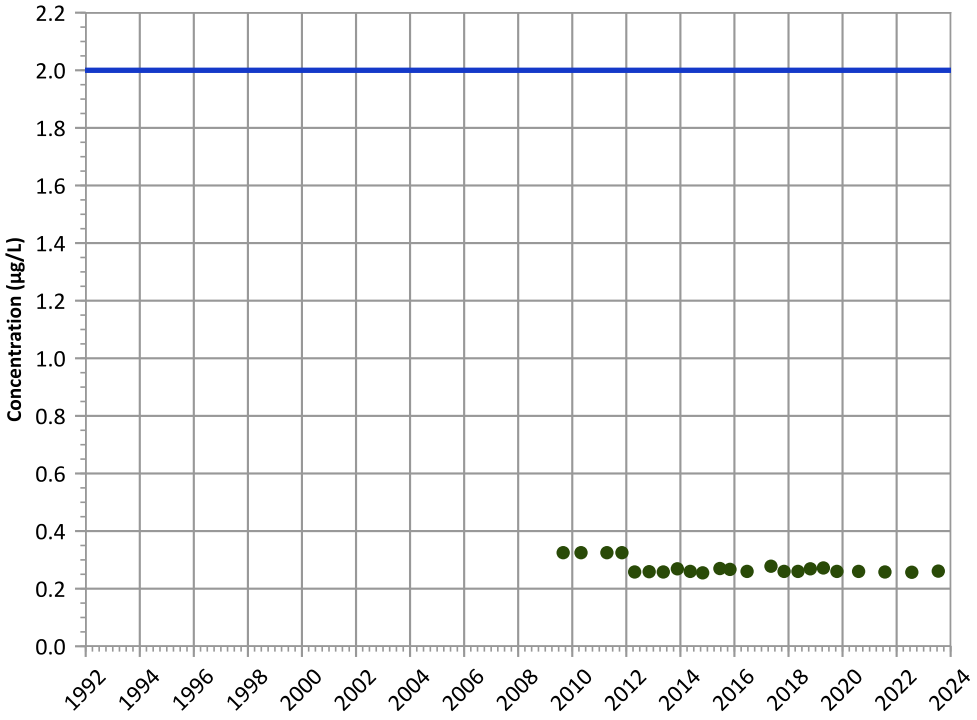
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

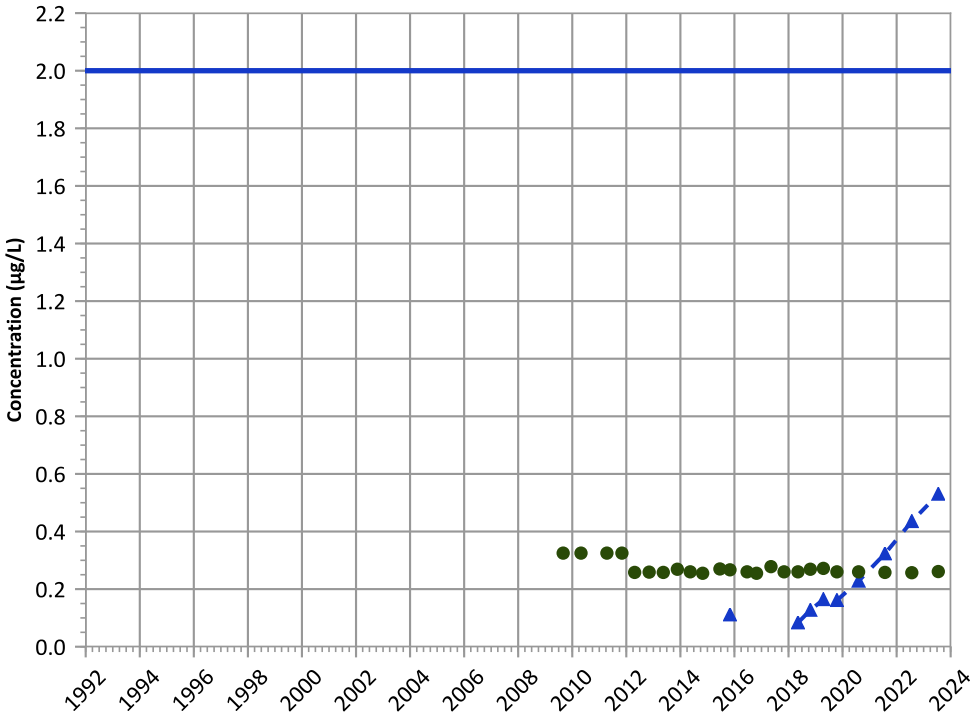


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

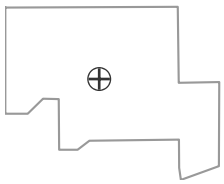
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

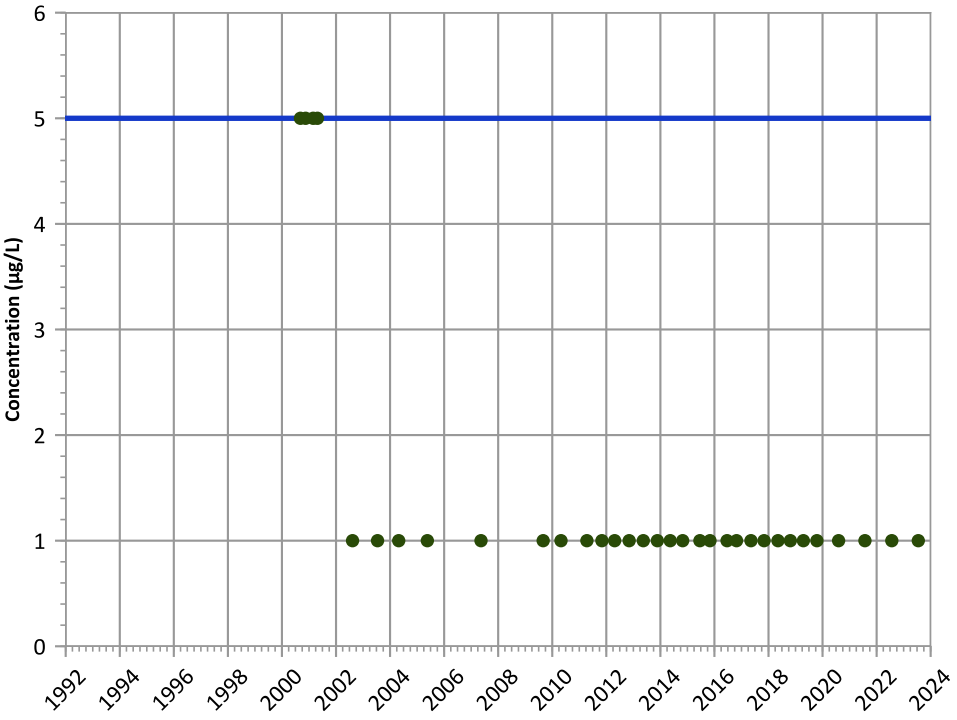
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

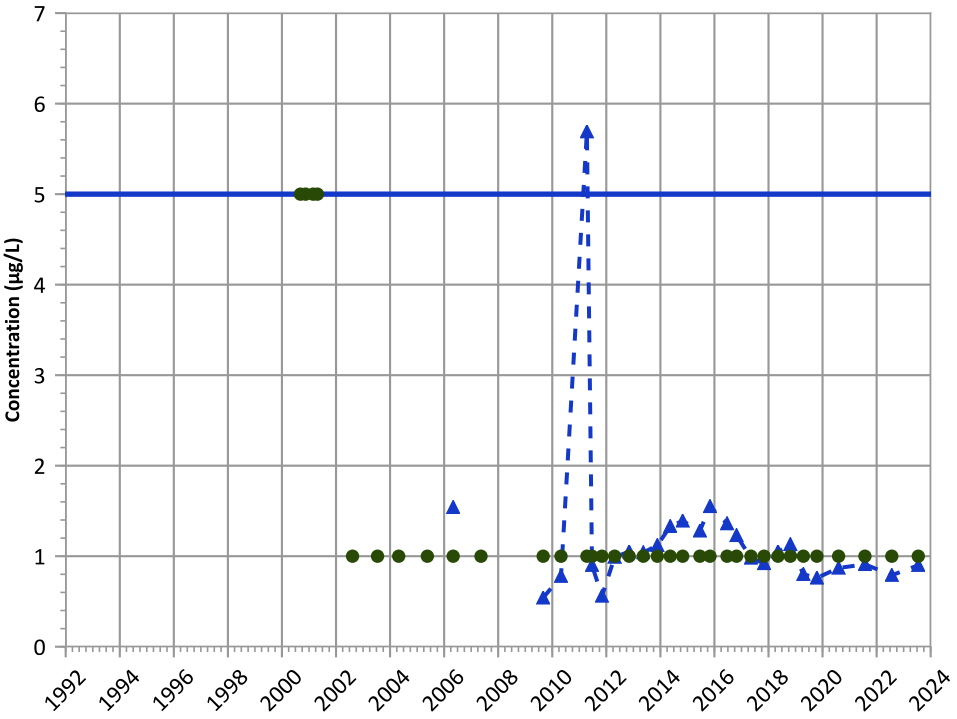


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

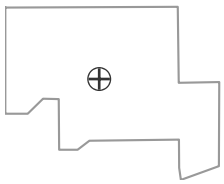
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

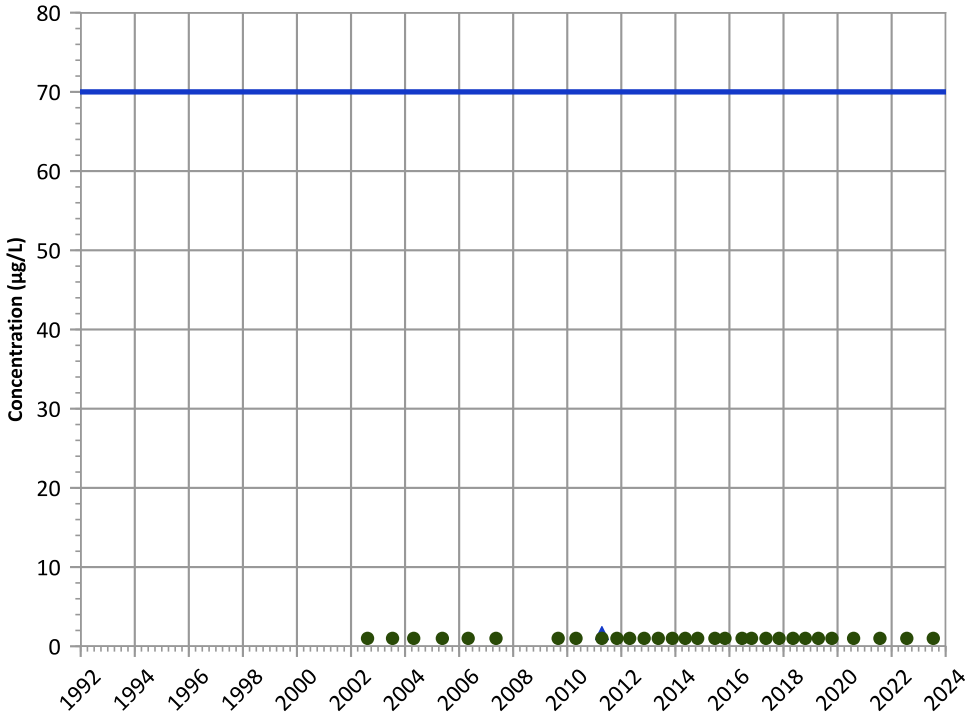
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

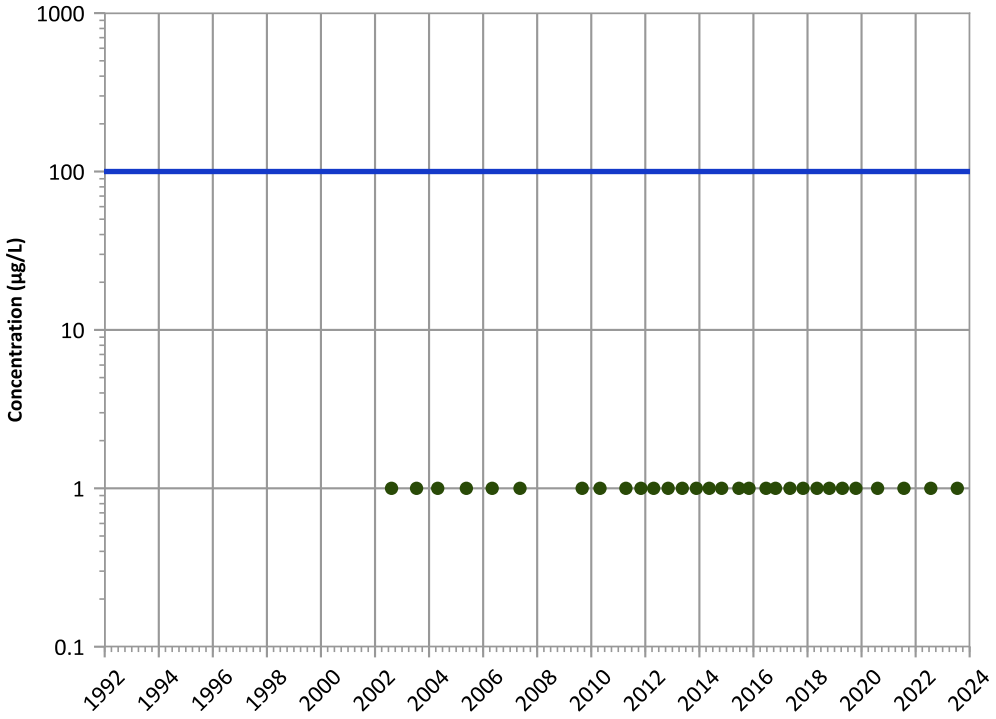


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

trans-1,2-Dichloroethene Trend



Concentration Trend

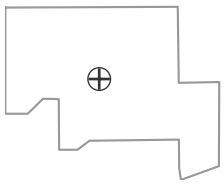
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

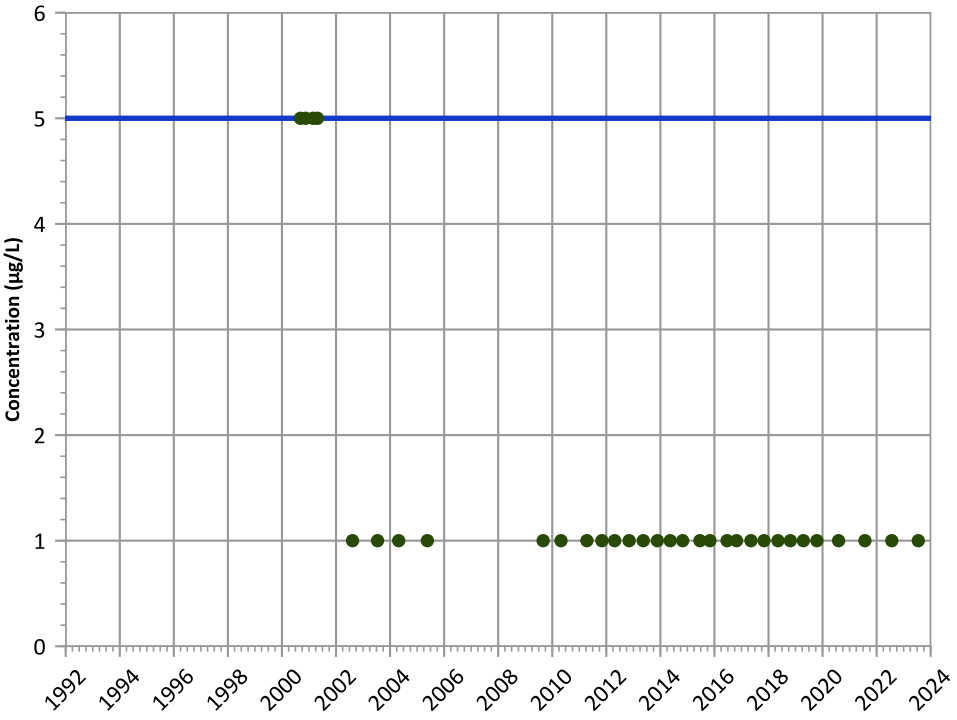
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

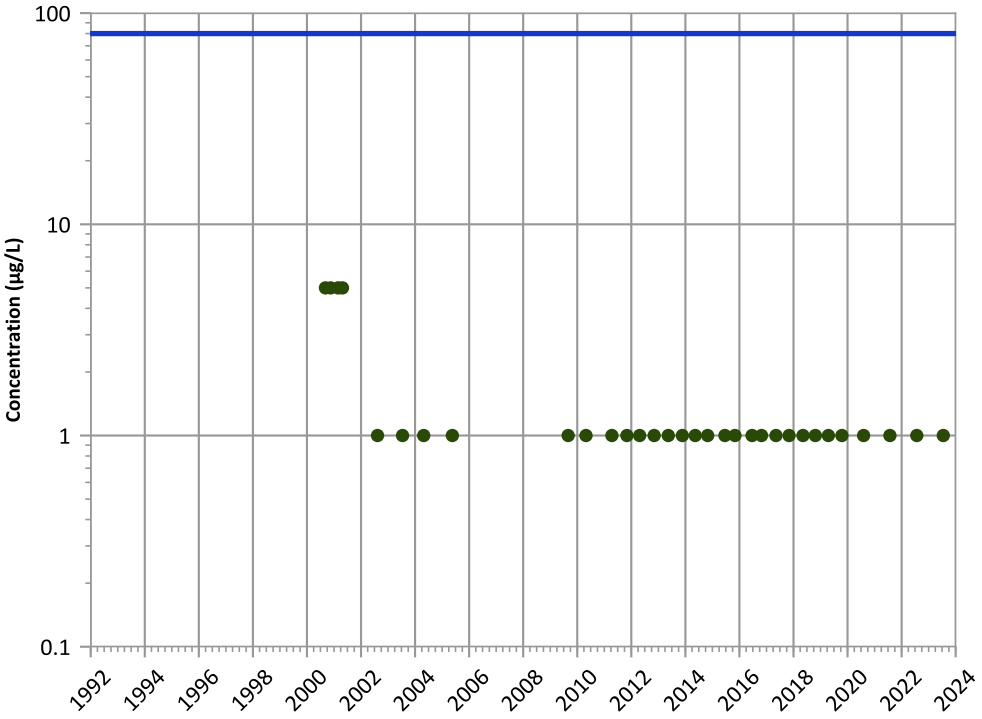


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

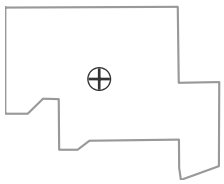
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

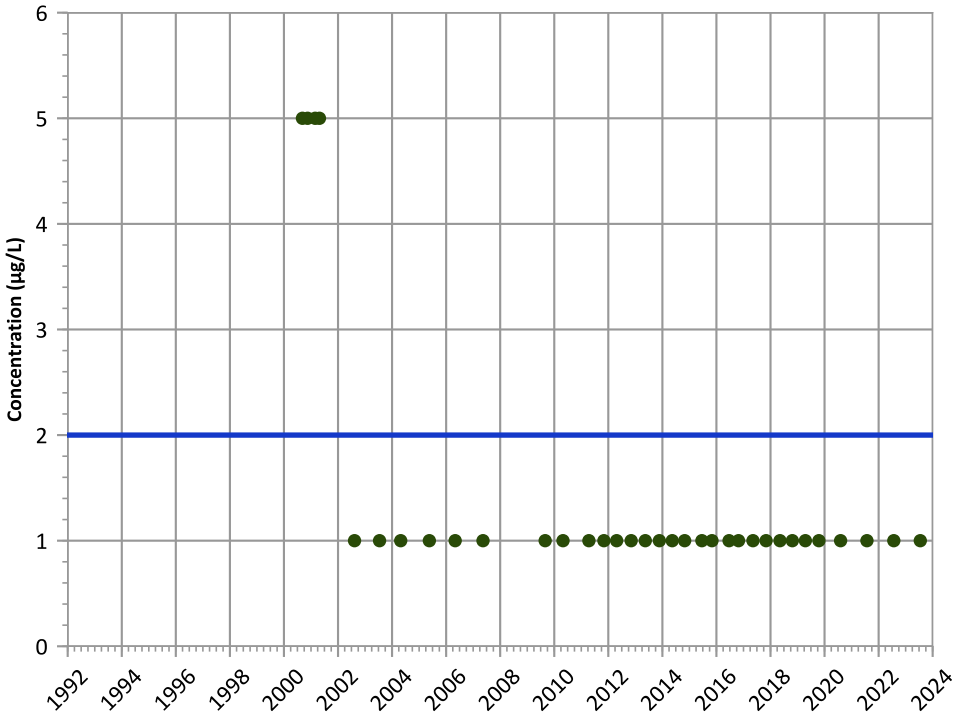
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

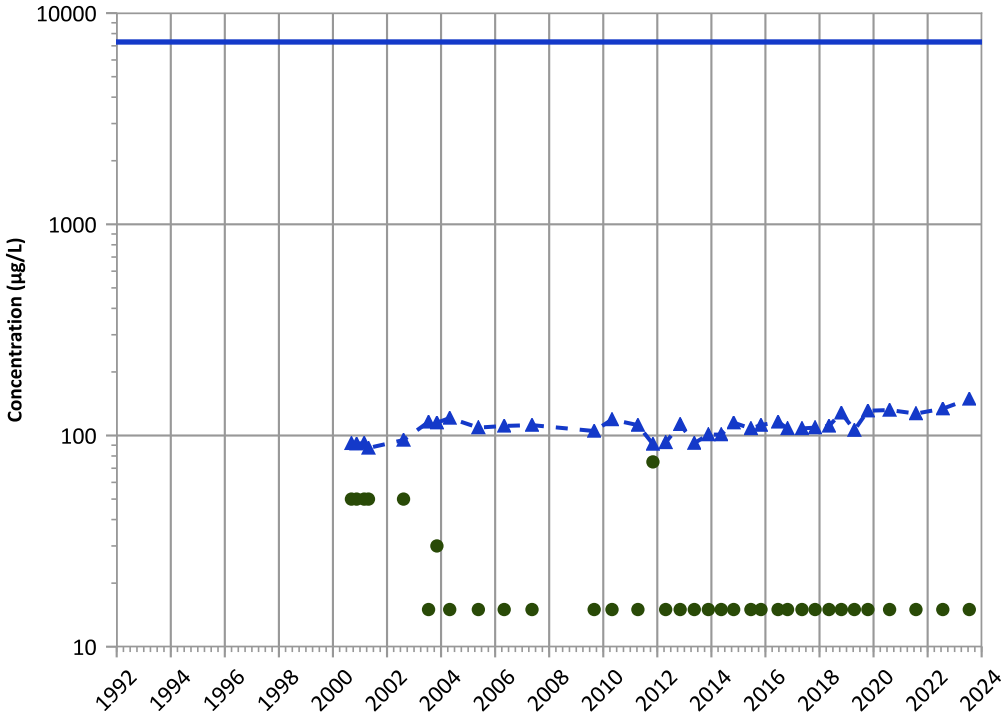


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

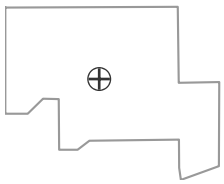
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

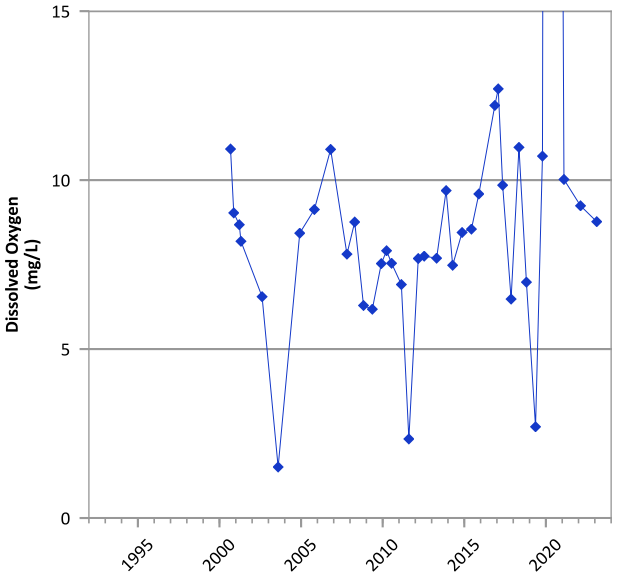
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/07/2000 to 07/18/2023
Analysis Date: 04/01/2024

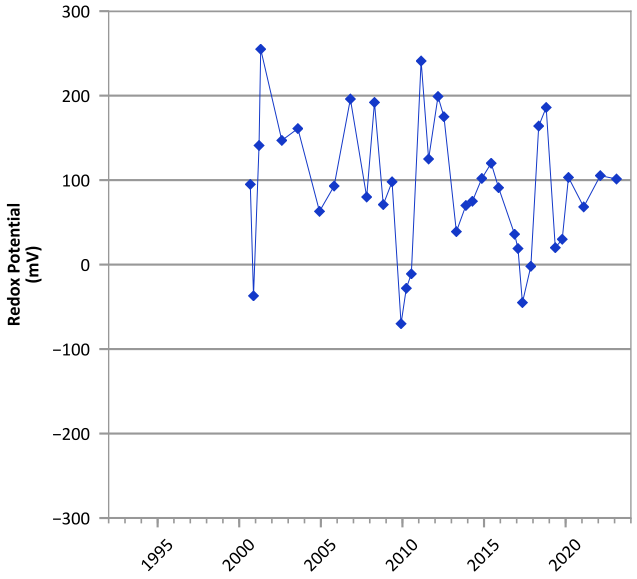
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

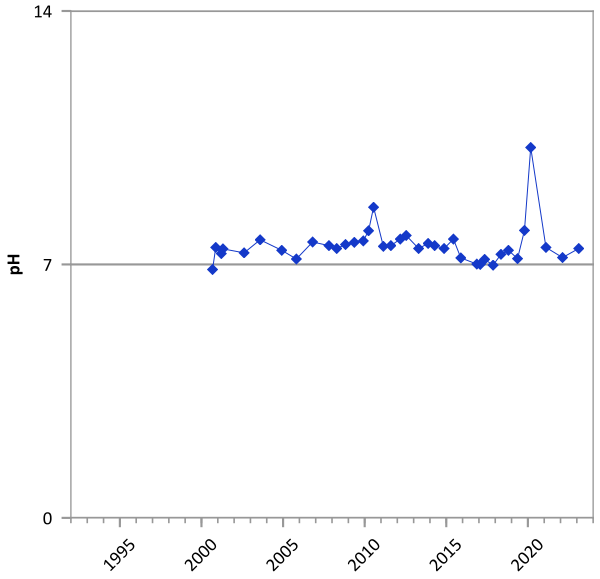
Well Location

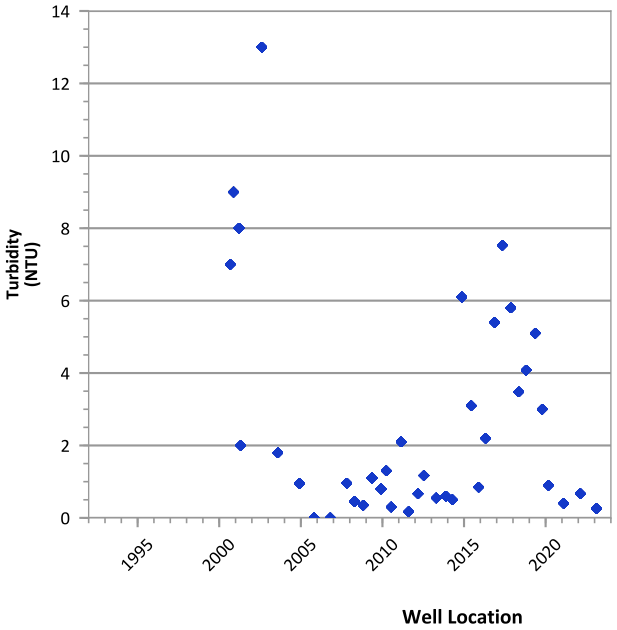


PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

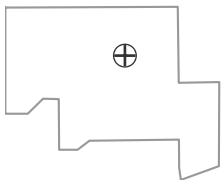






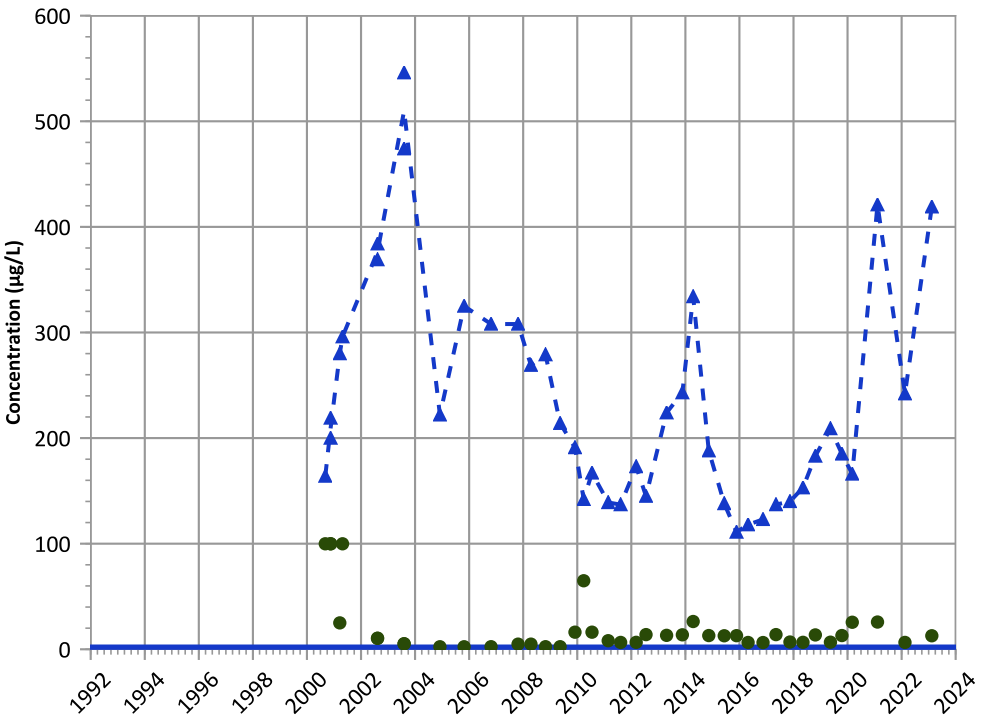


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

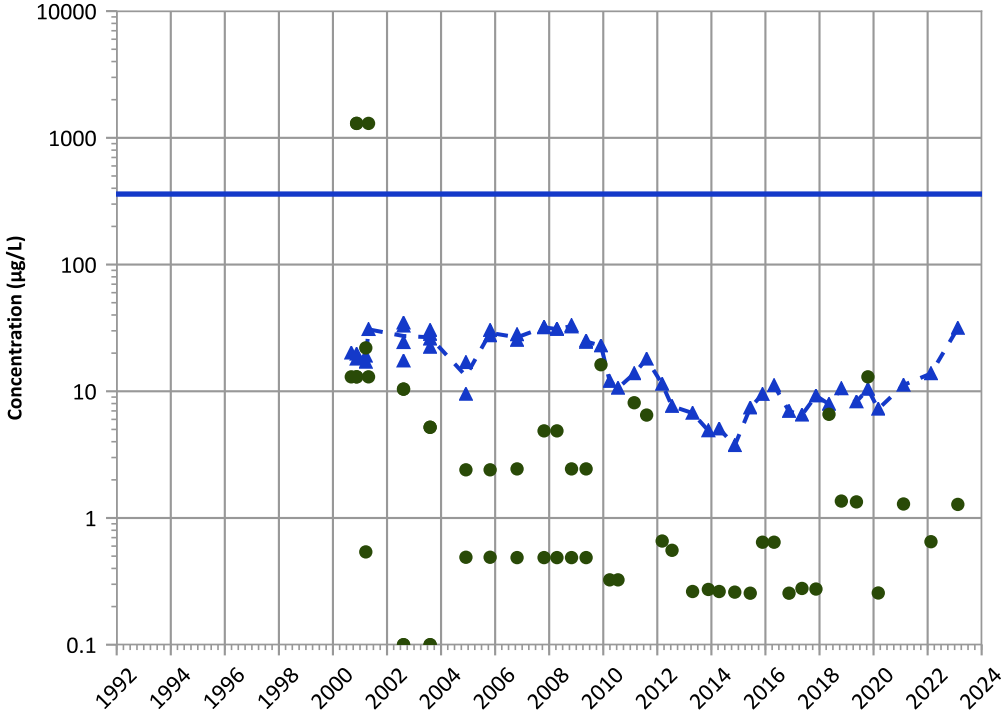


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

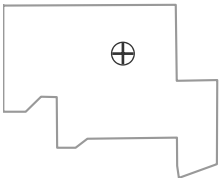
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

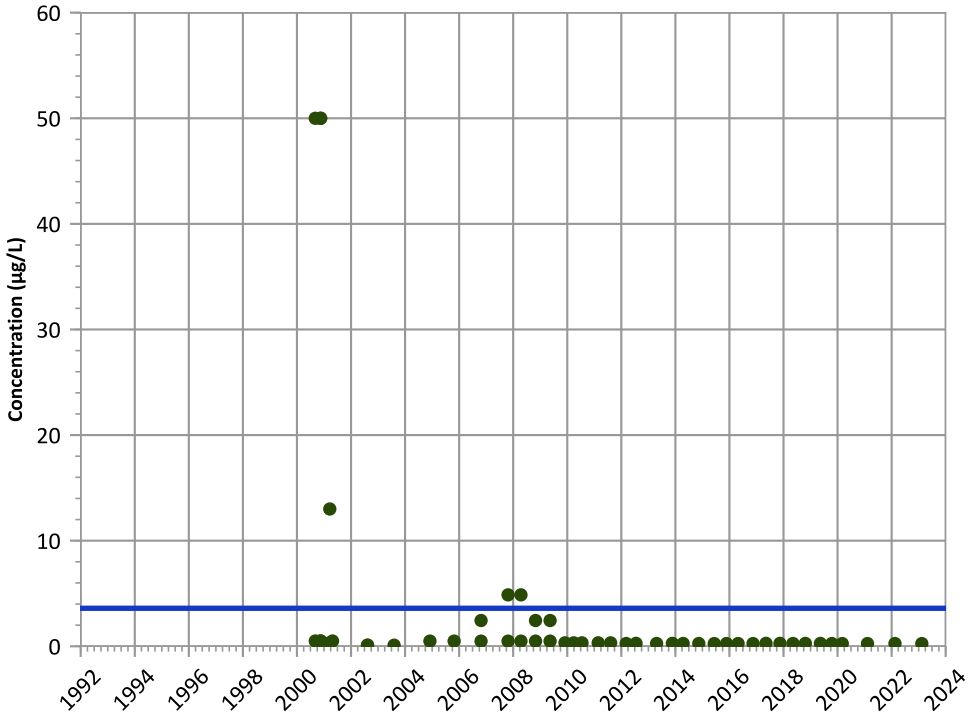
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

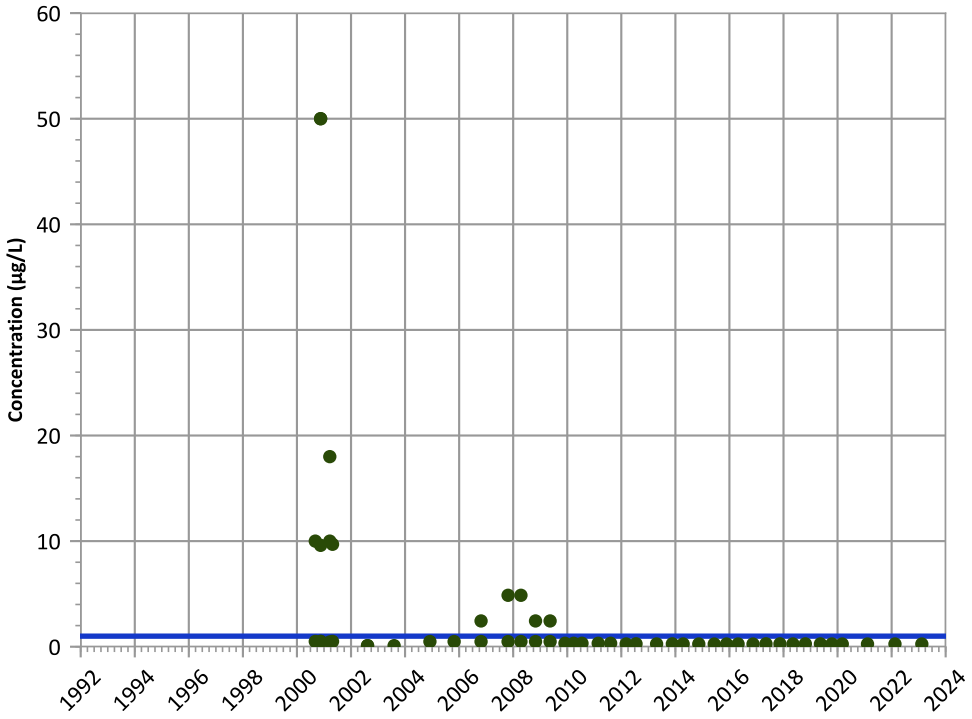
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



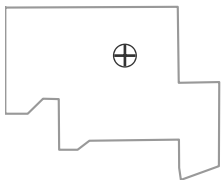
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

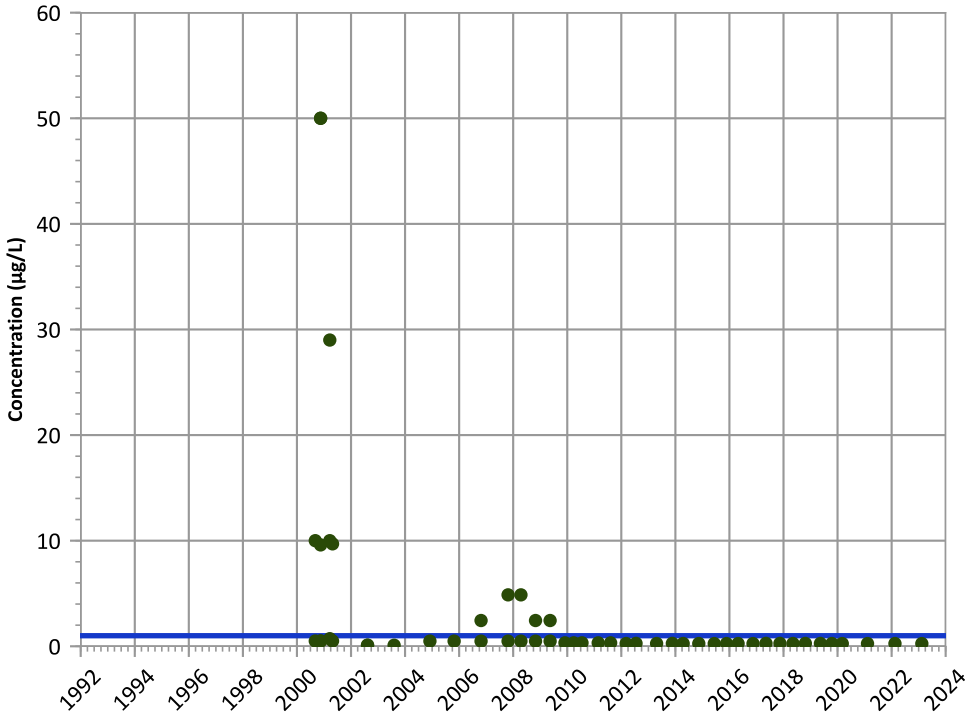
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

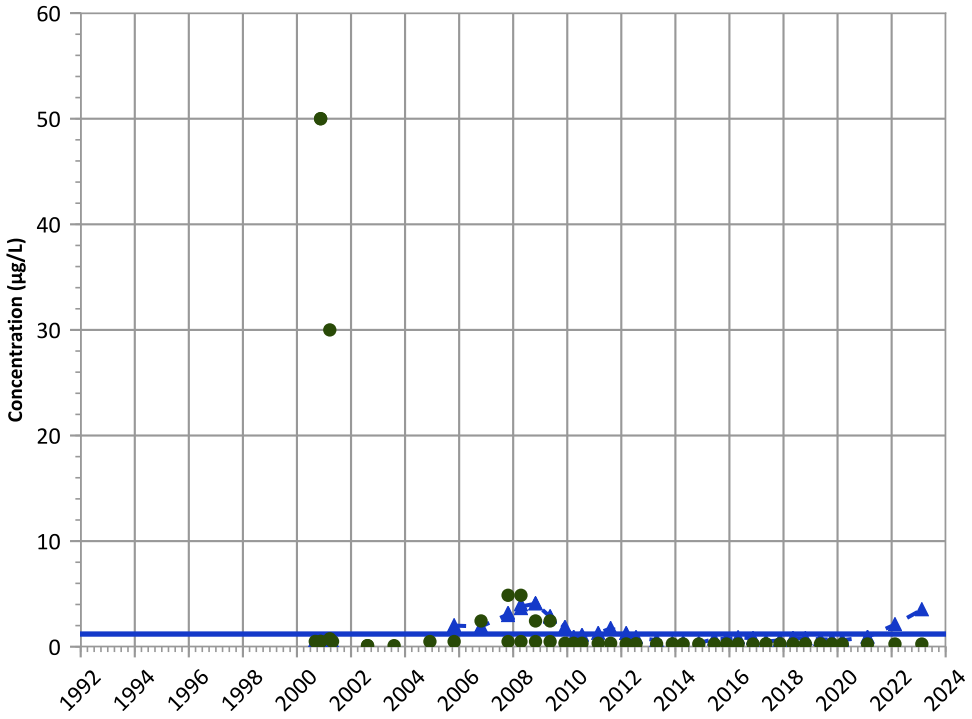


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

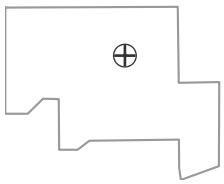
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

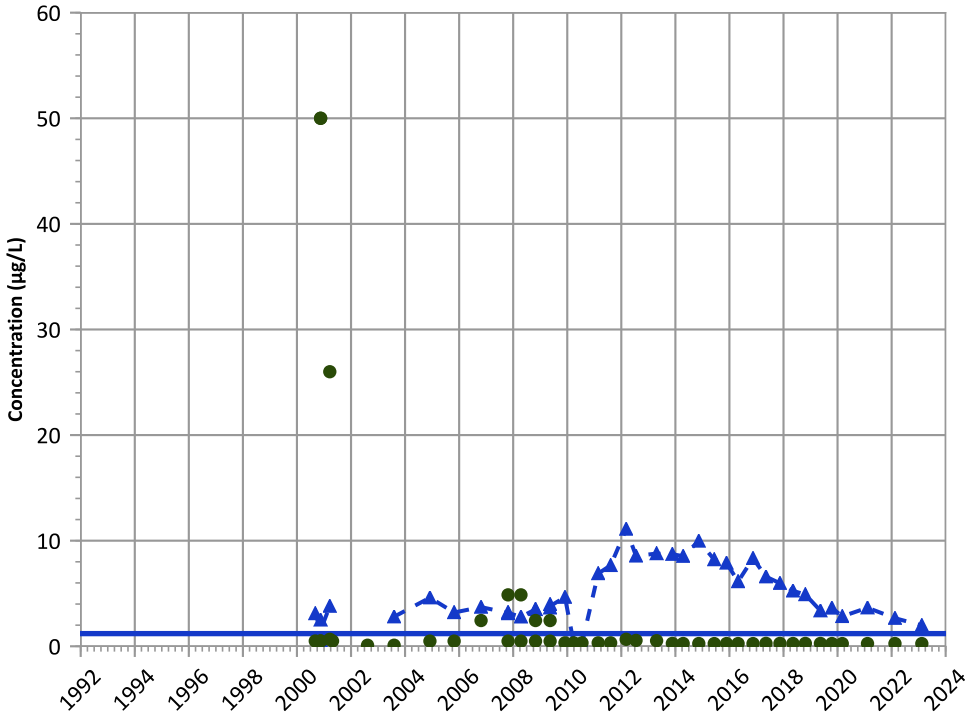
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

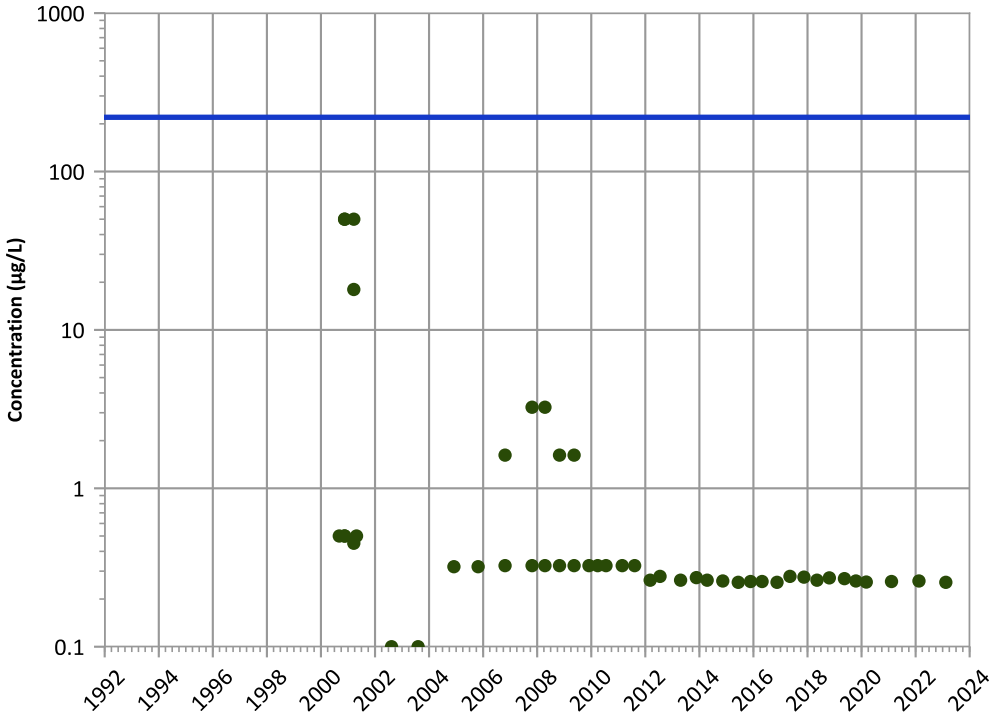


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

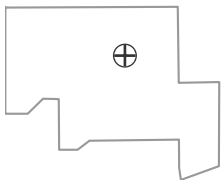
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

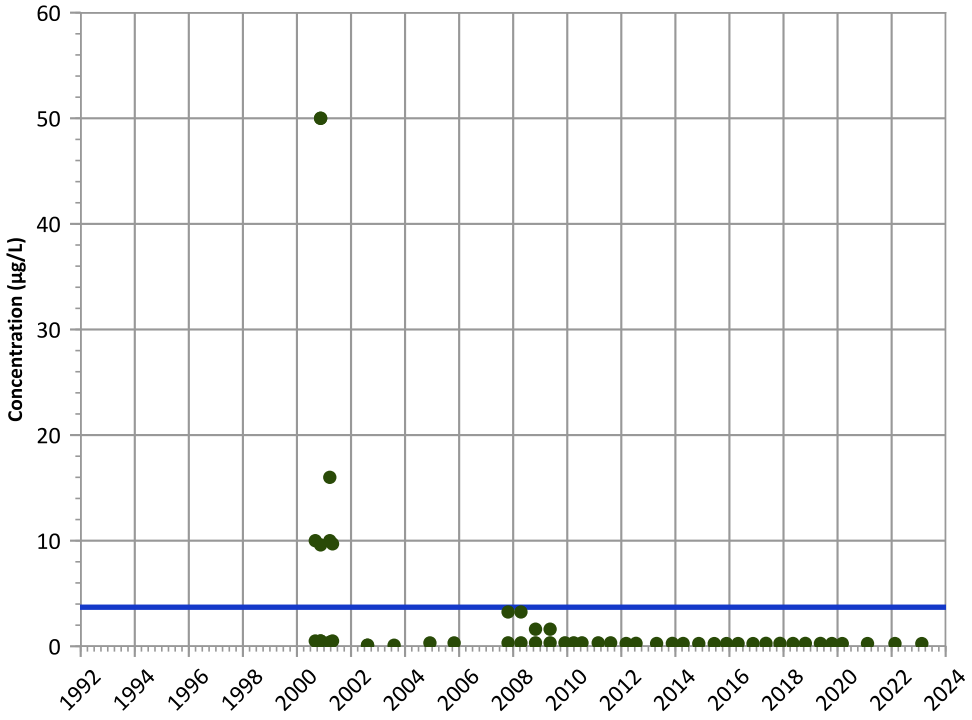
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

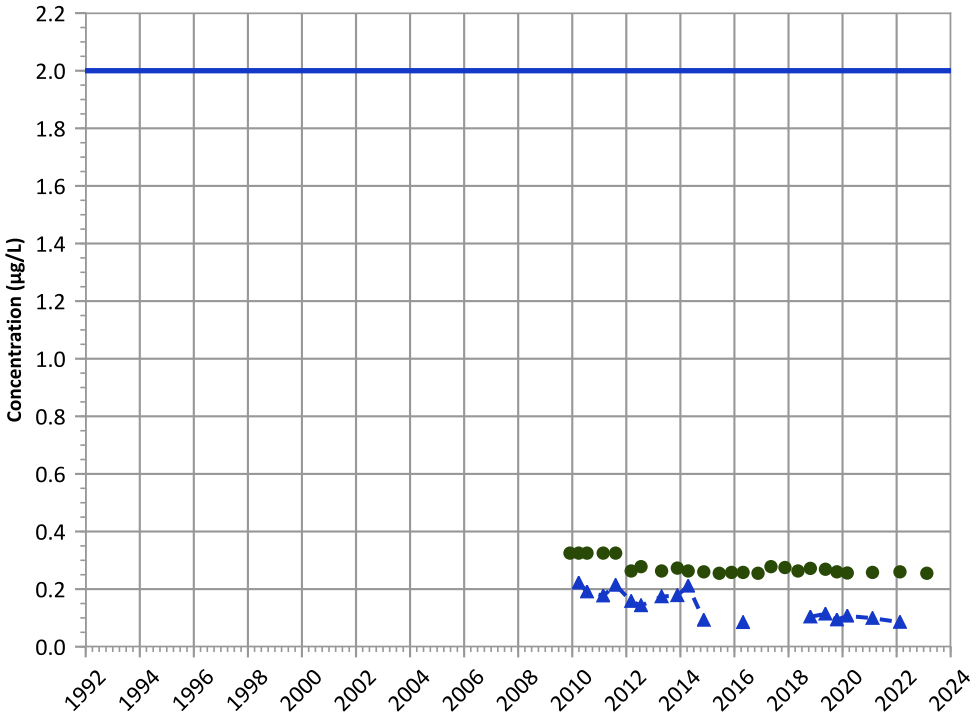


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

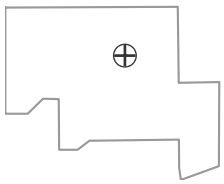
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

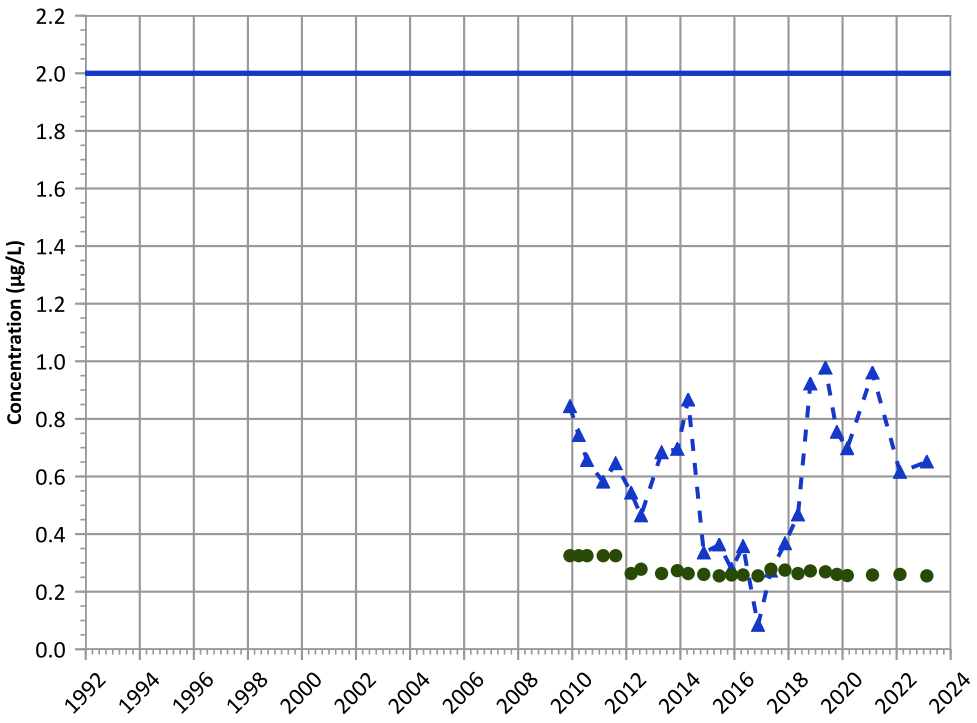
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

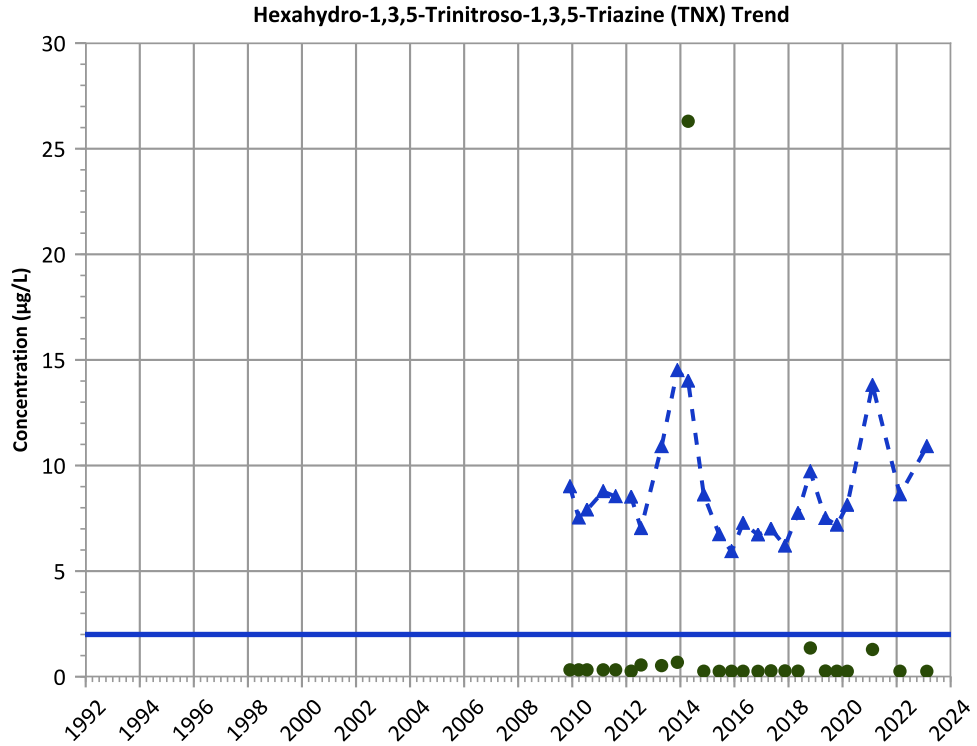


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

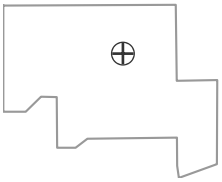
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

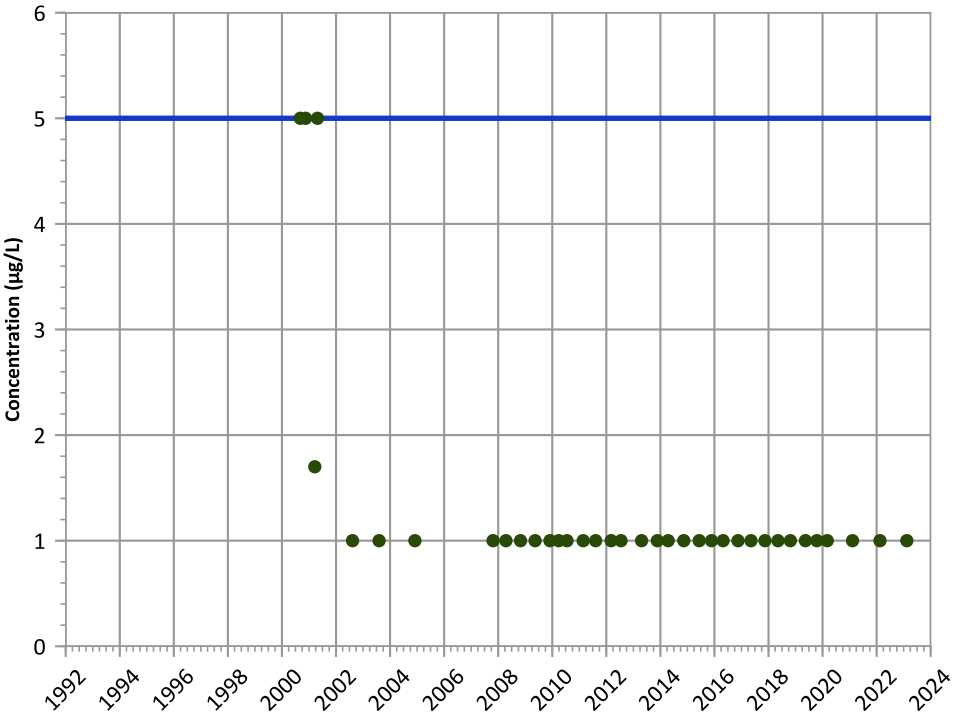
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

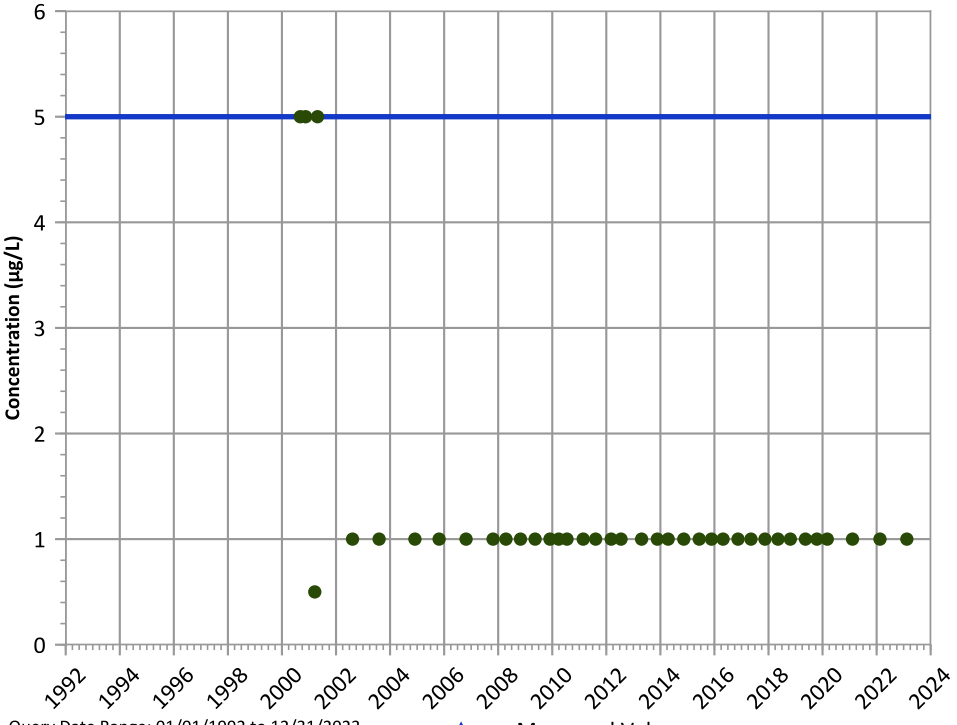


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

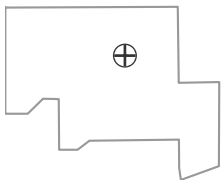
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

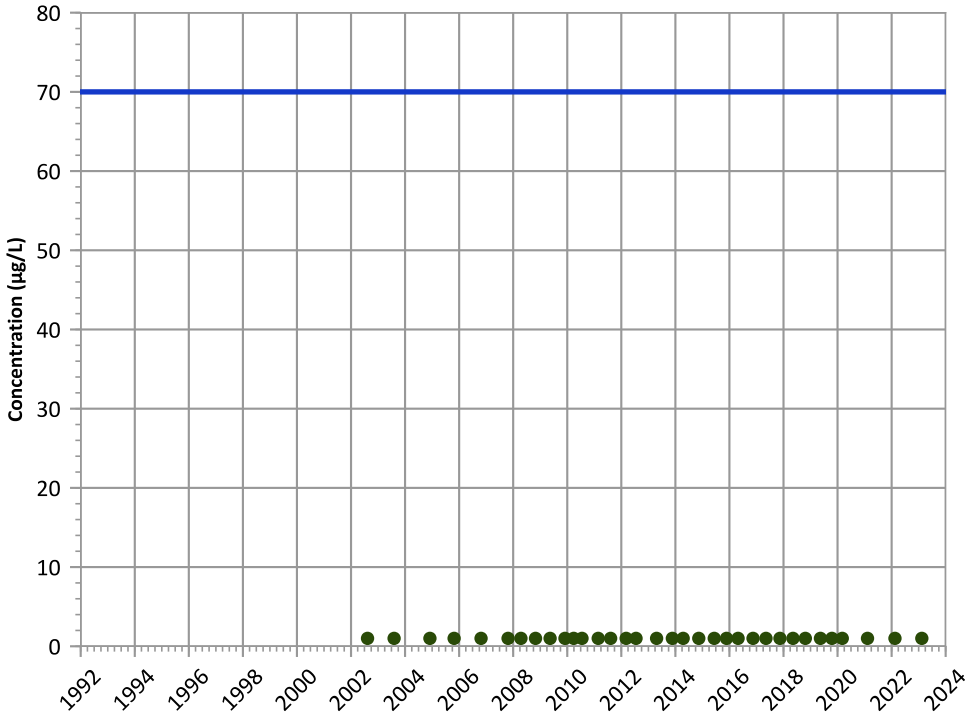
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

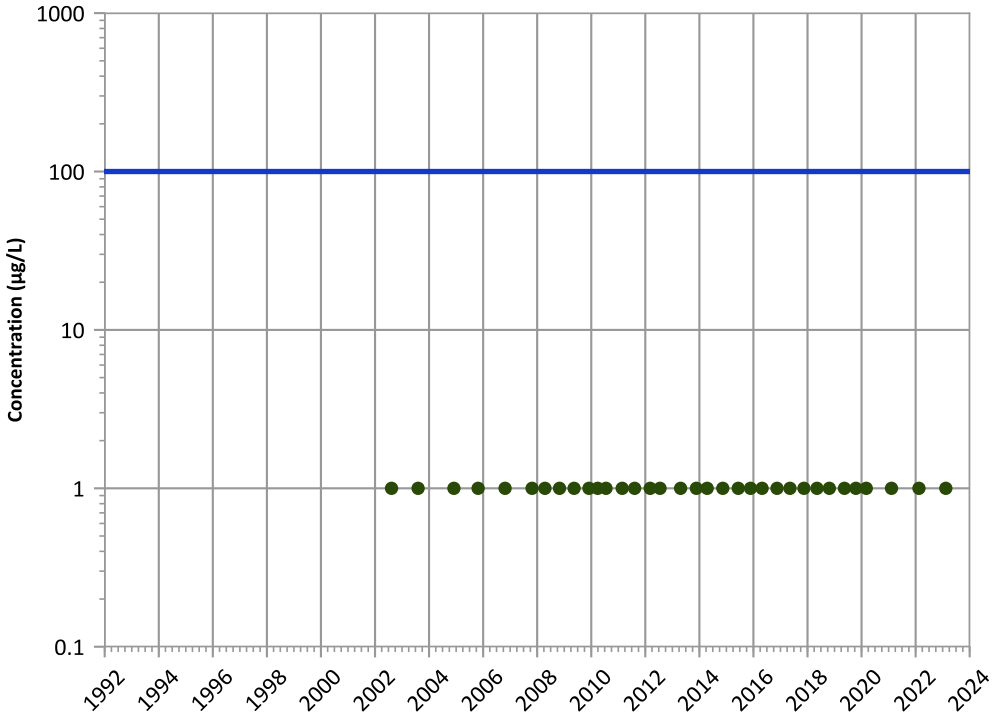
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



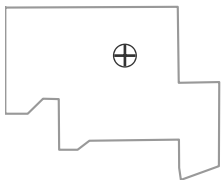
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

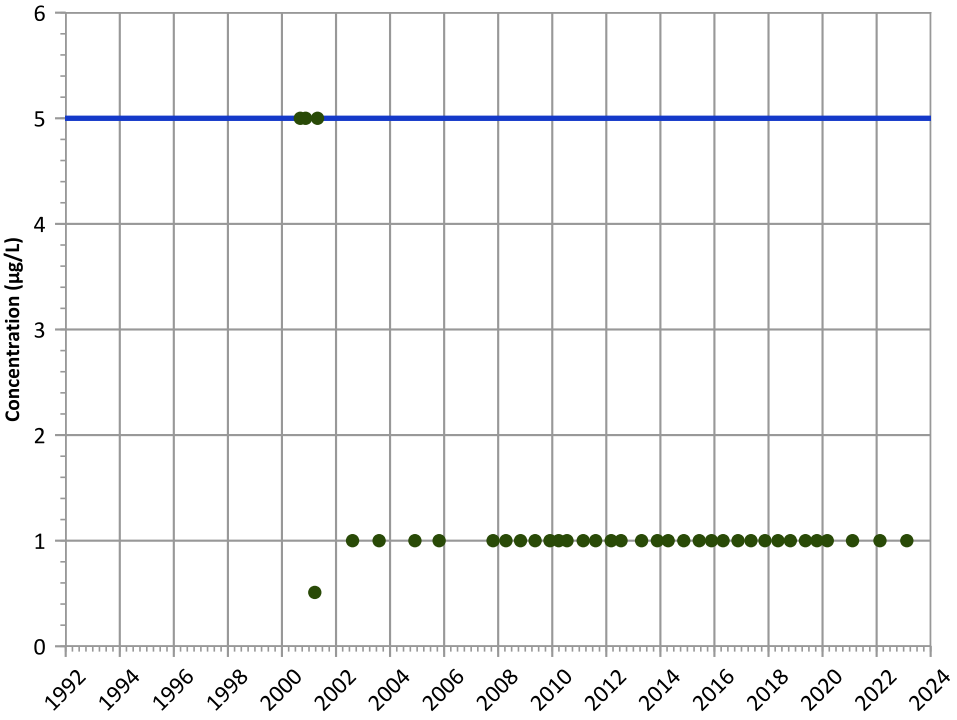
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

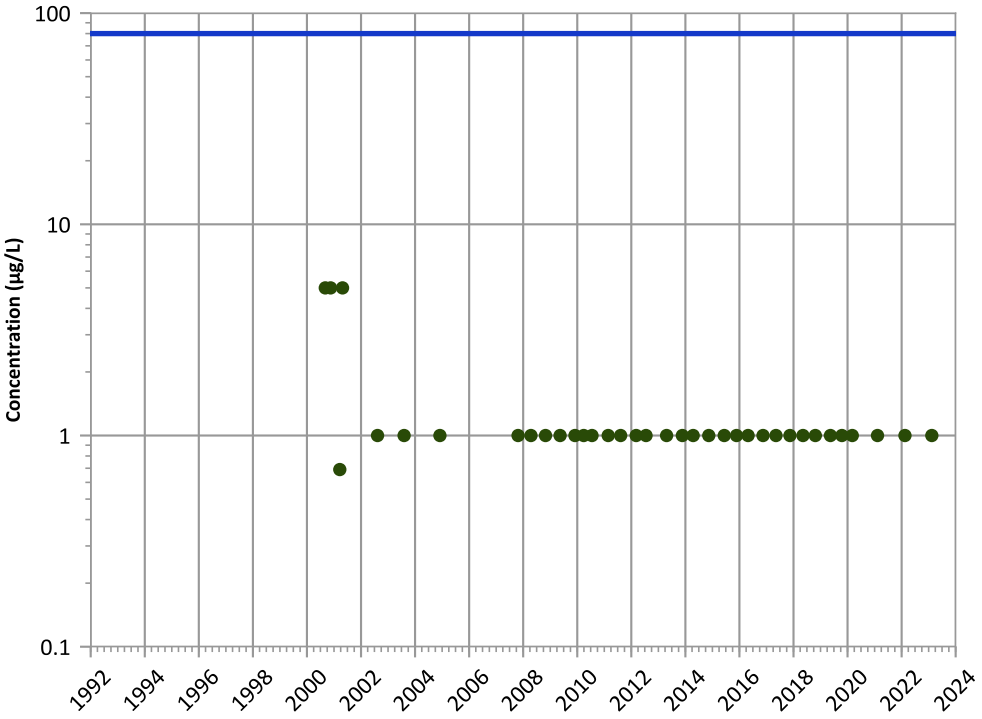


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

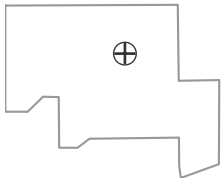
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

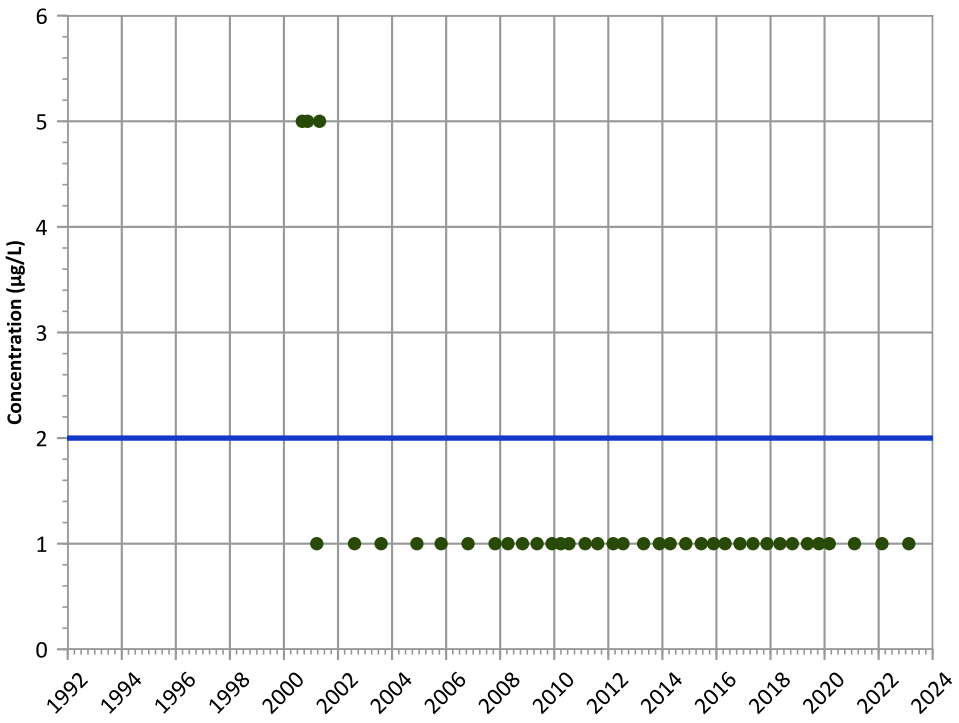
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

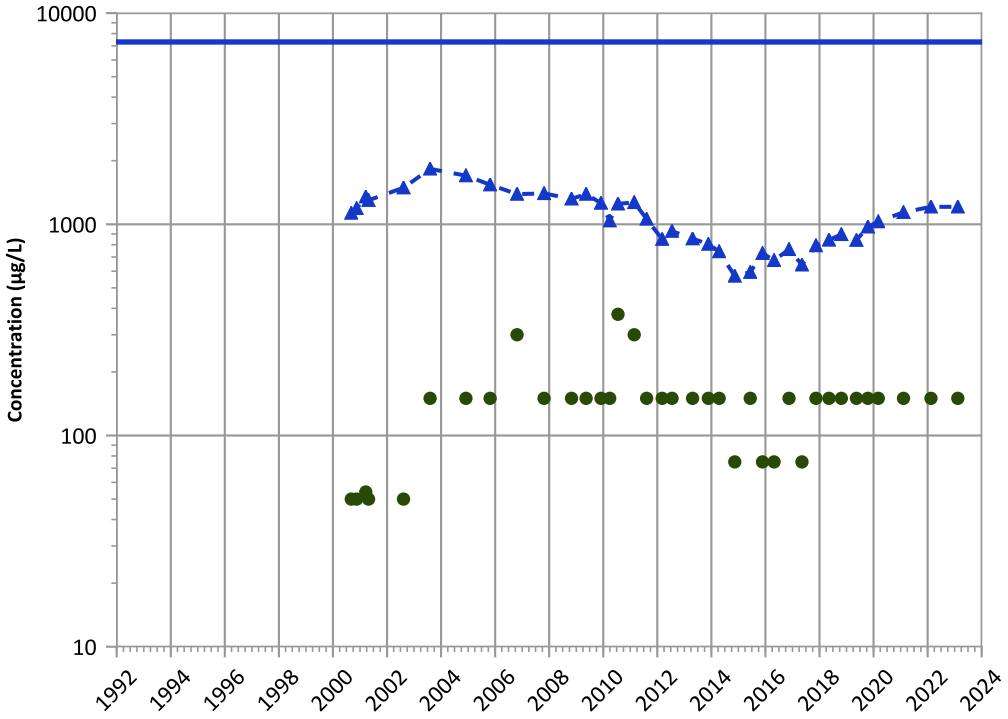


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

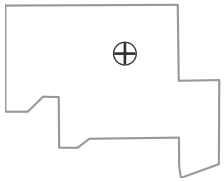
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

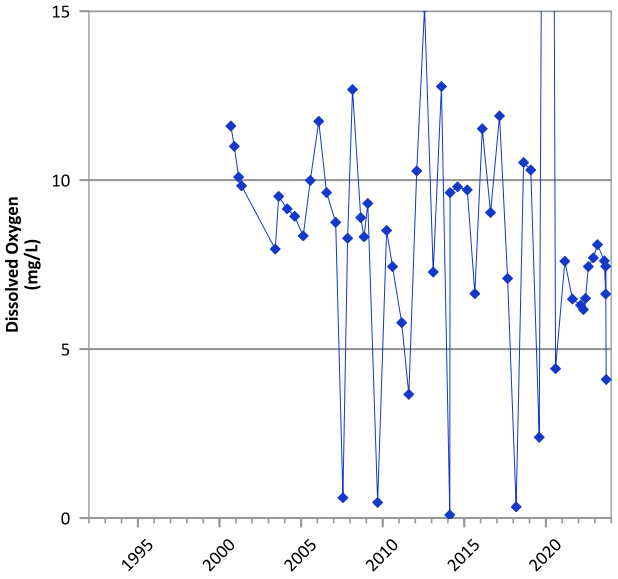
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/05/2000 to 02/13/2023
Analysis Date: 04/01/2024

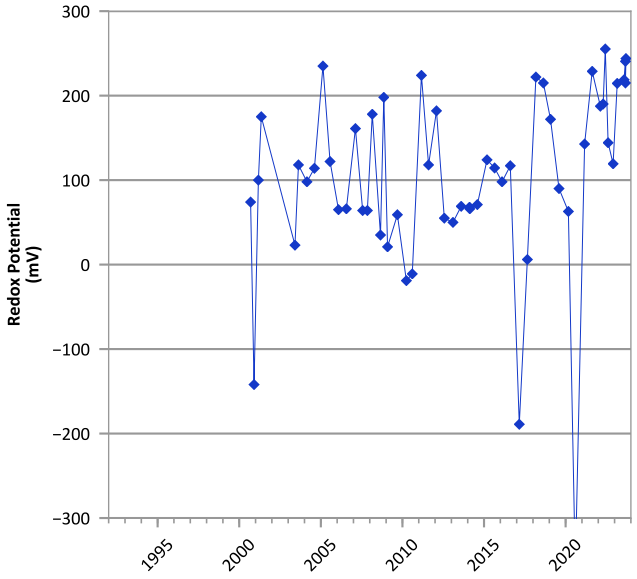
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

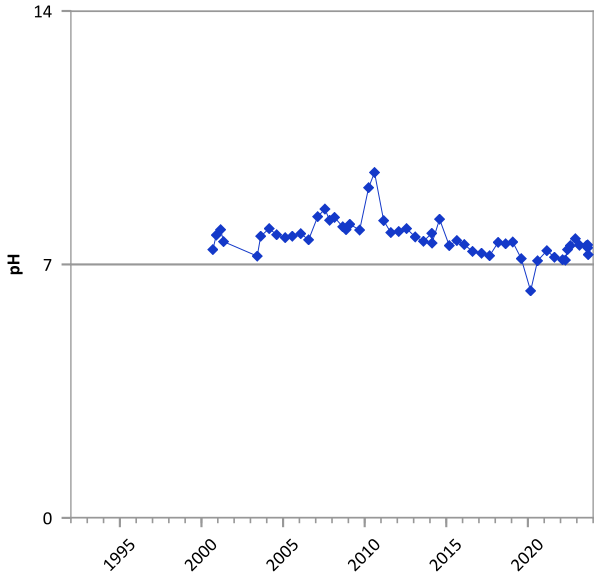
Well Location

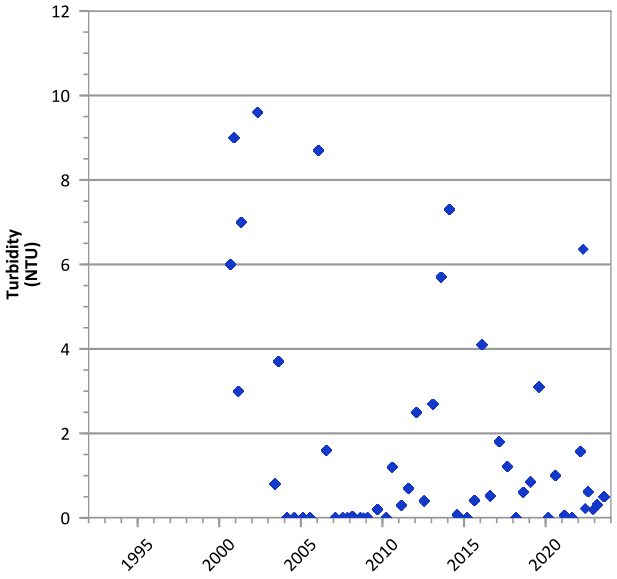


PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

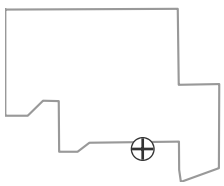






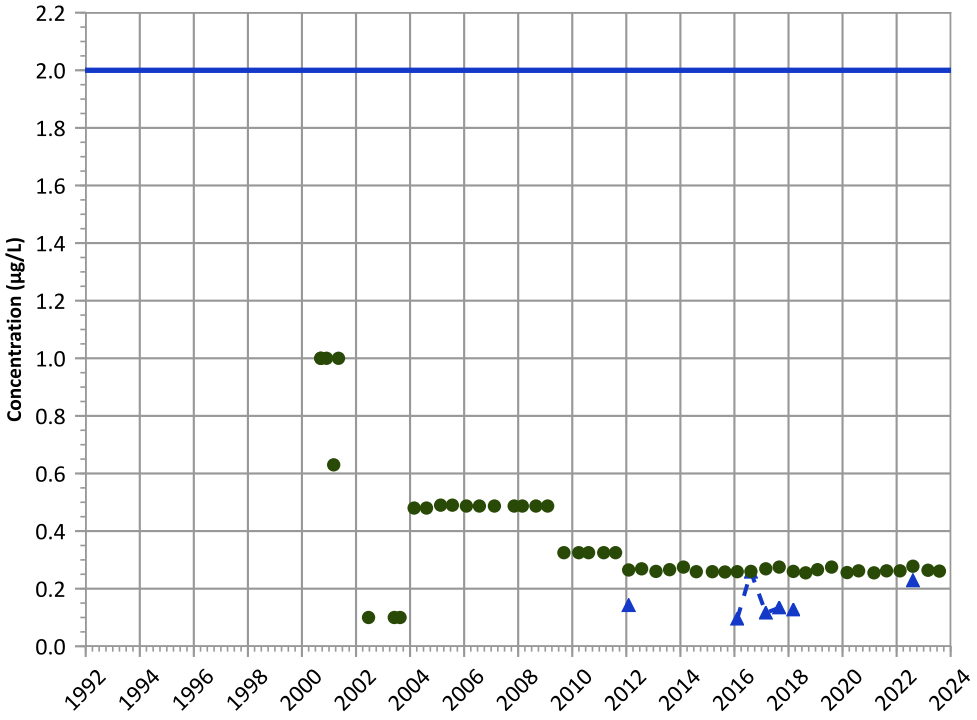


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

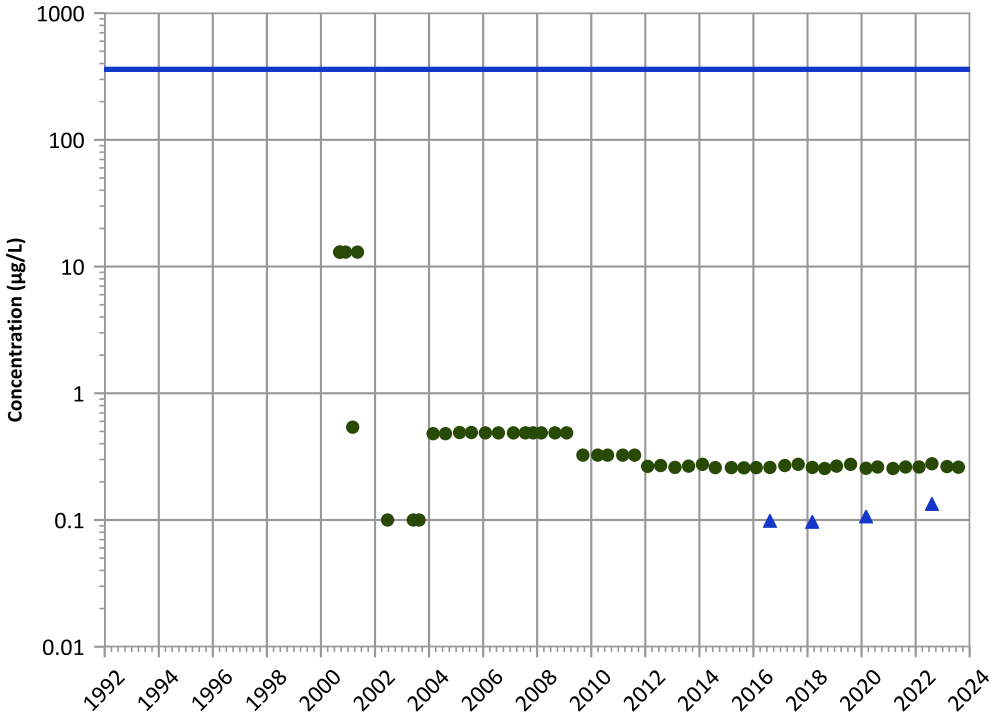


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

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



Concentration Trend

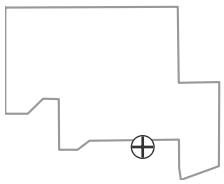
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

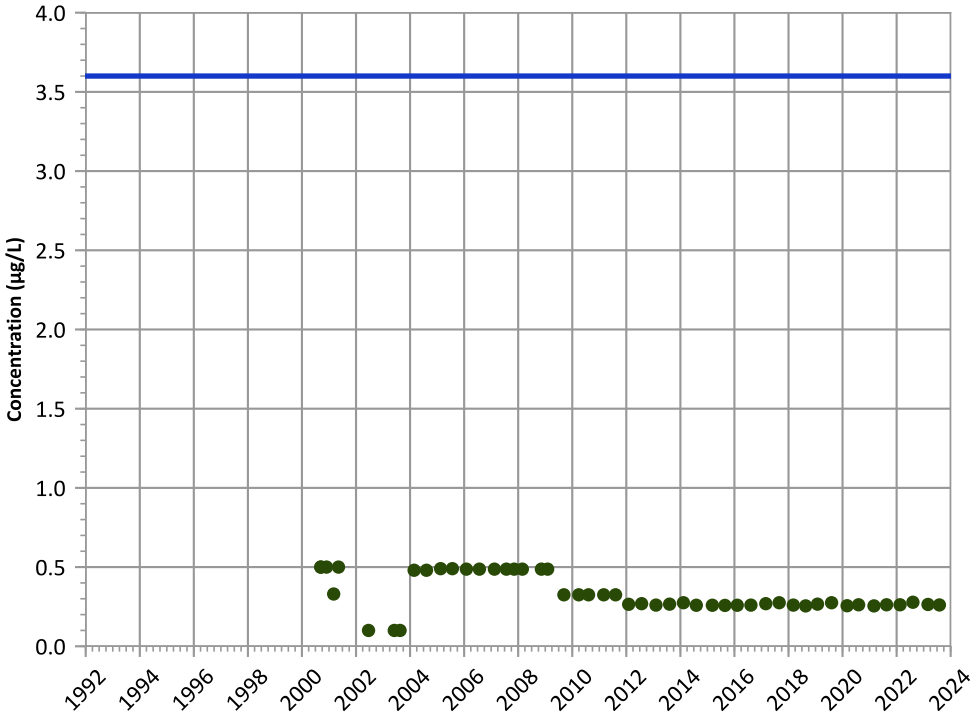
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

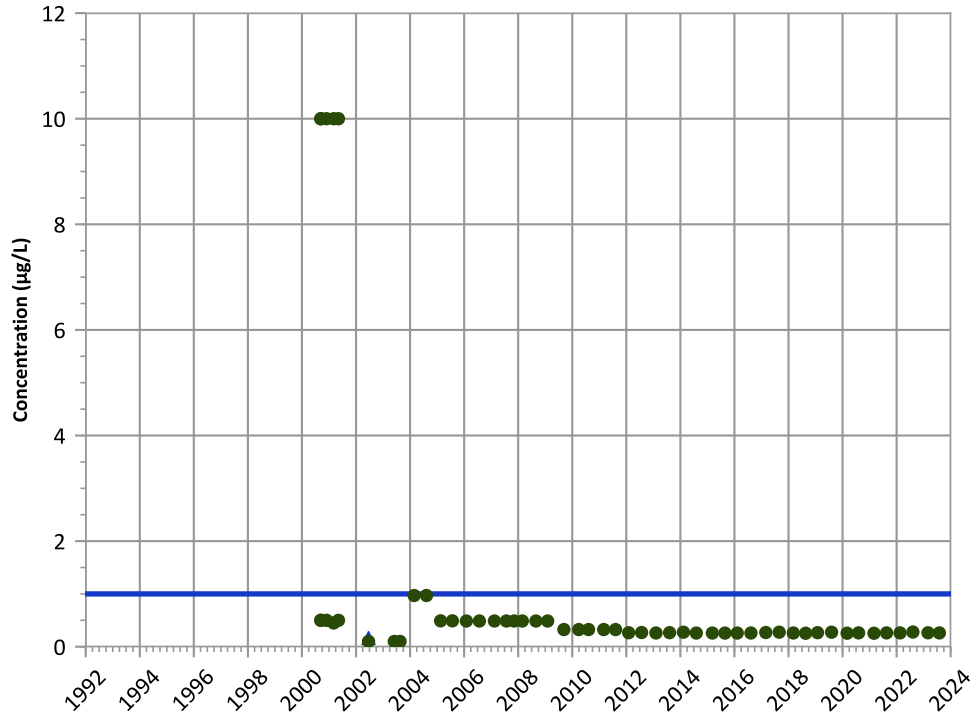


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

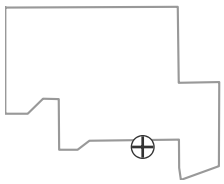
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

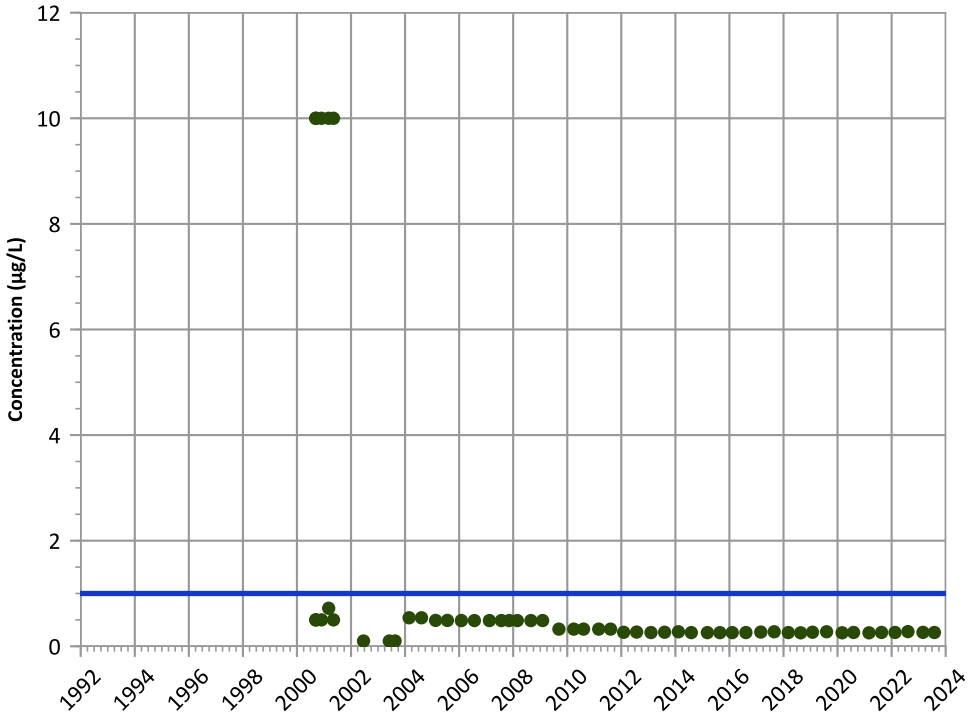
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

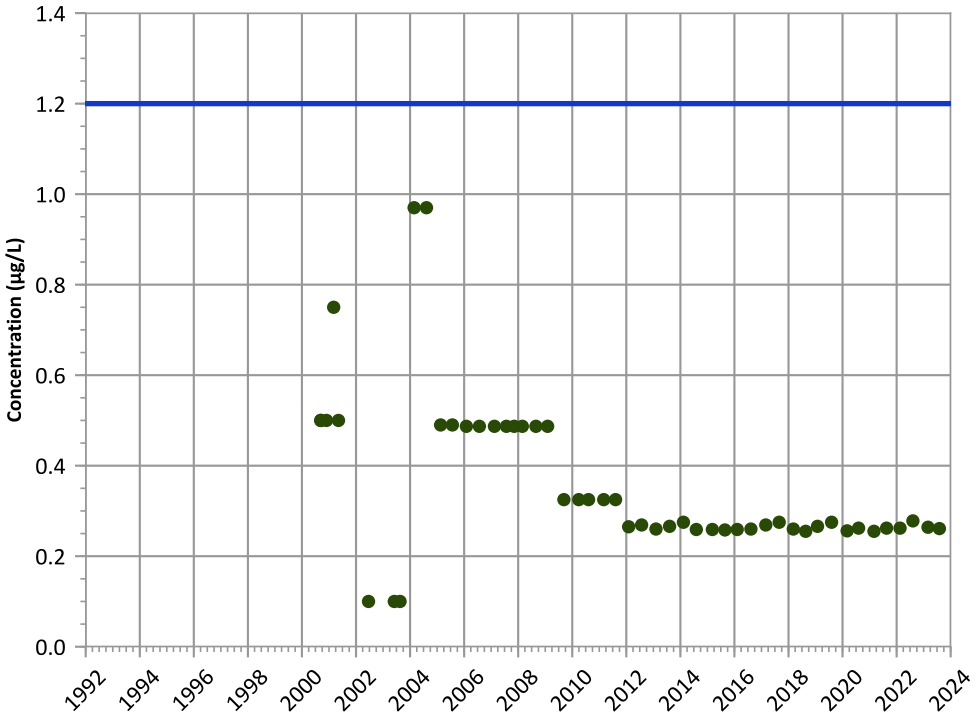
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



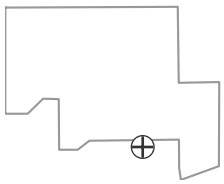
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

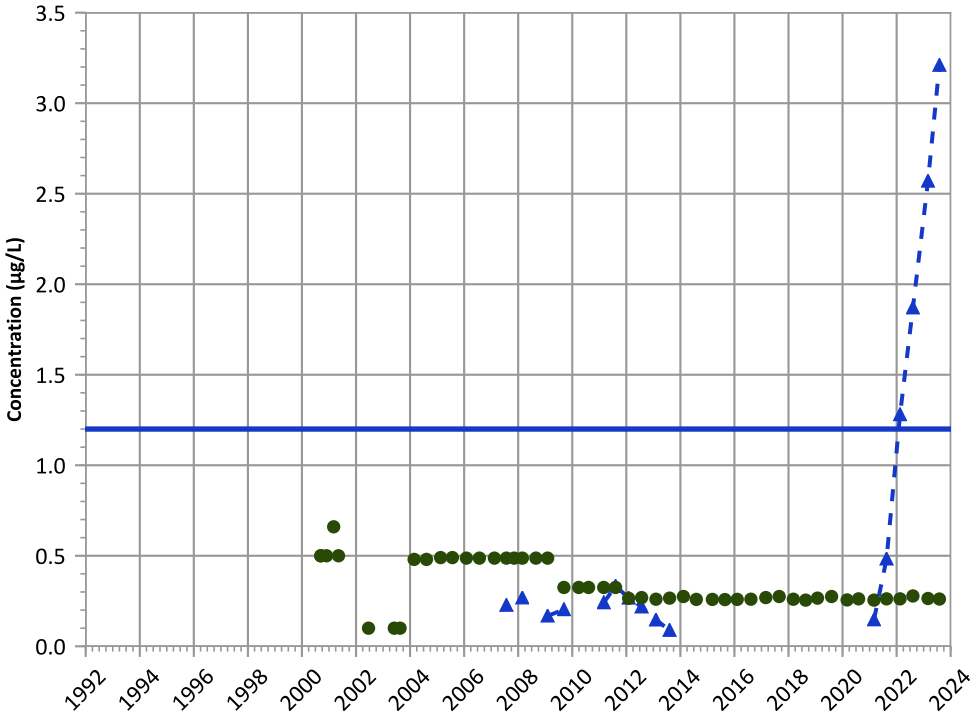
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

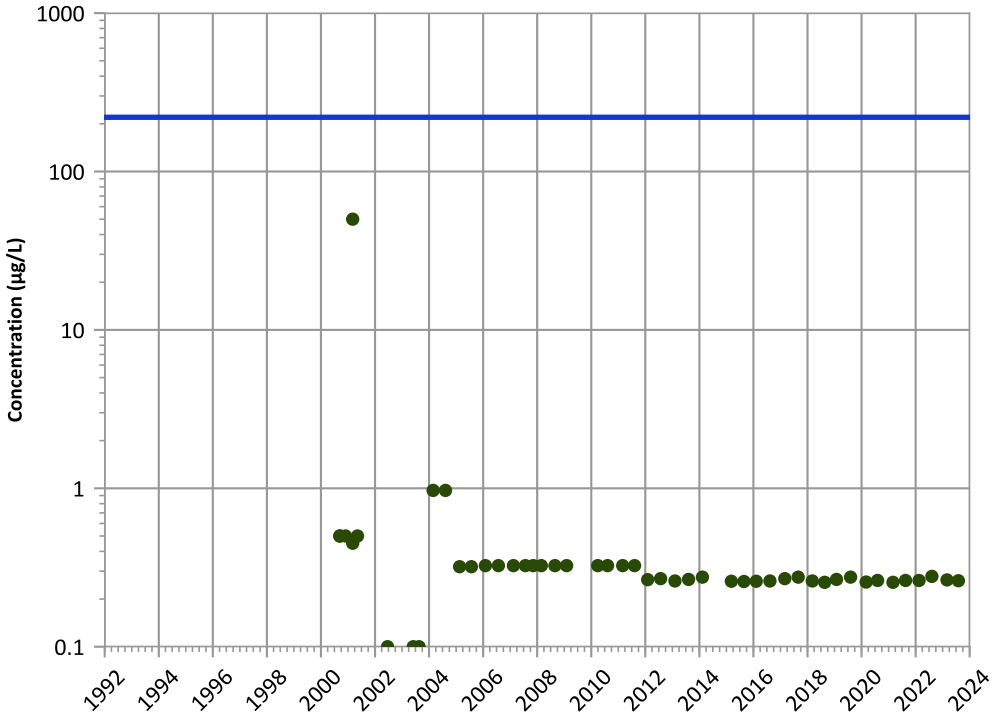


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

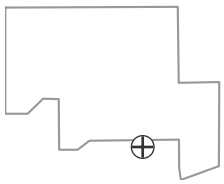
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

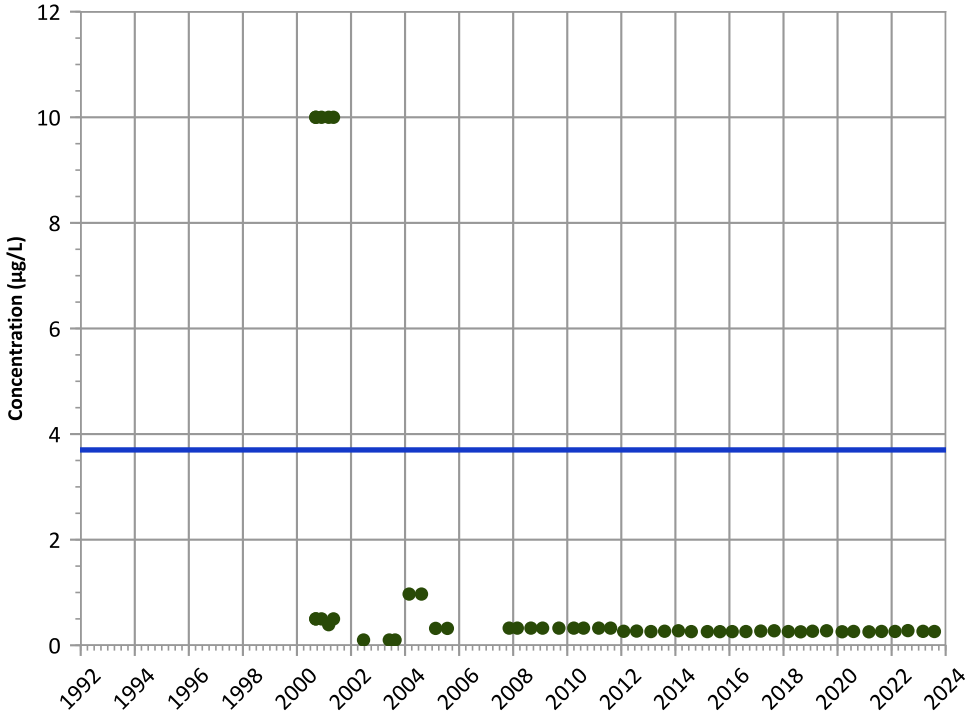
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

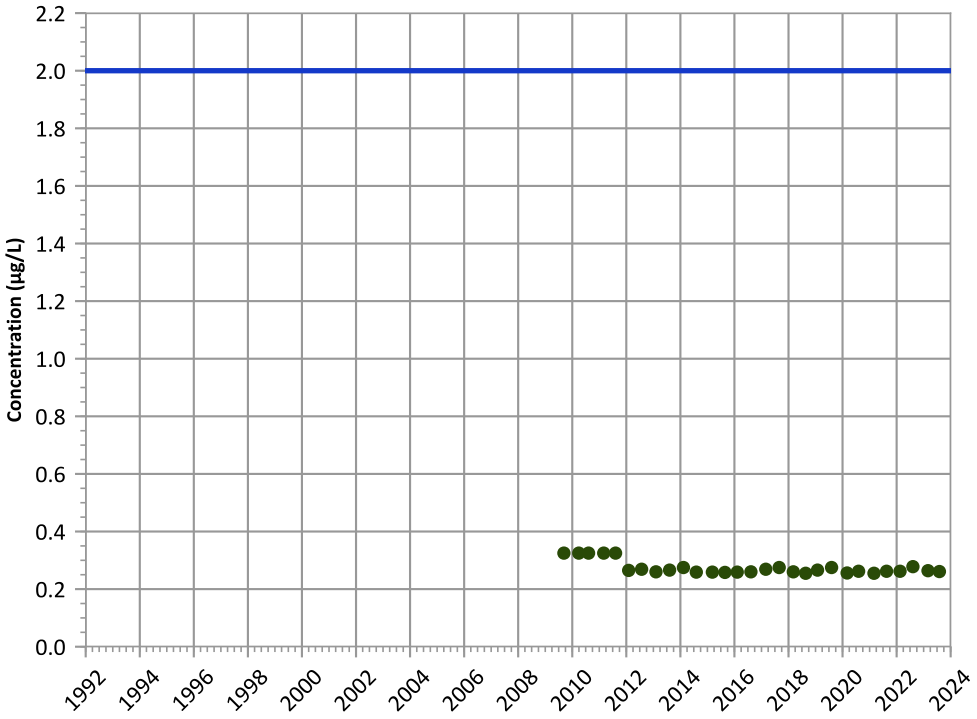
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



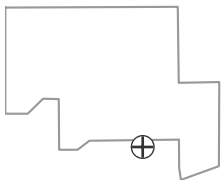
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

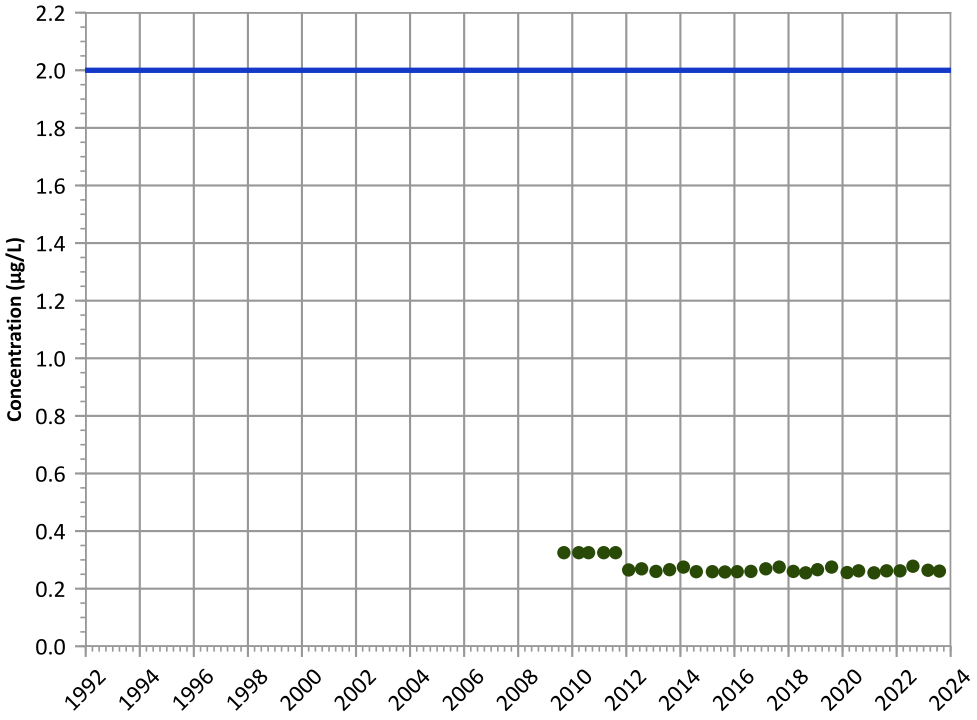
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

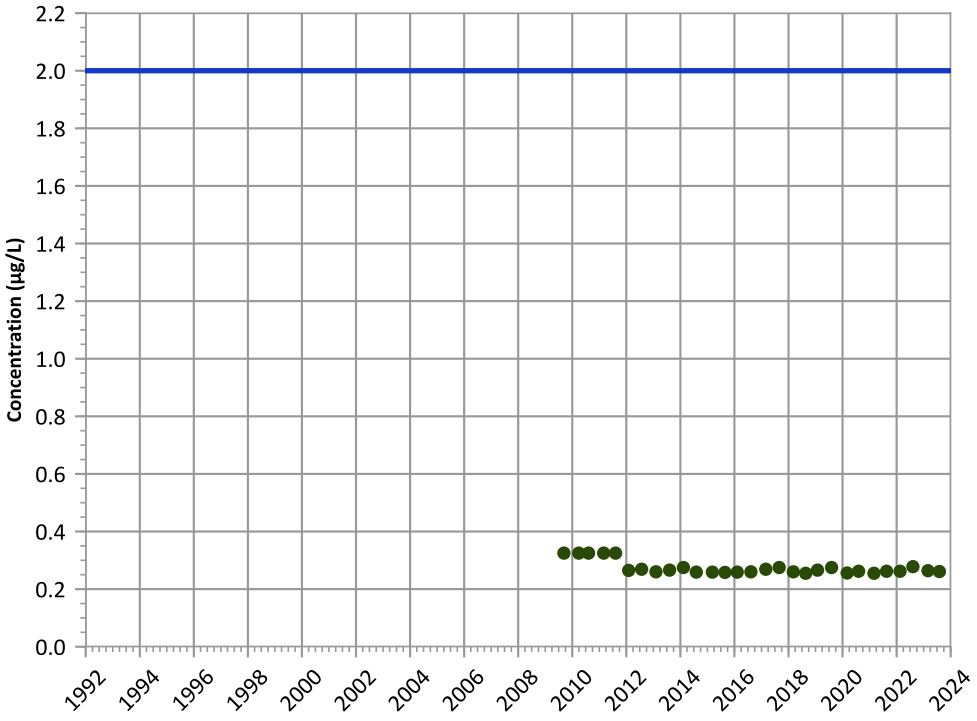


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

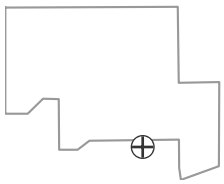
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

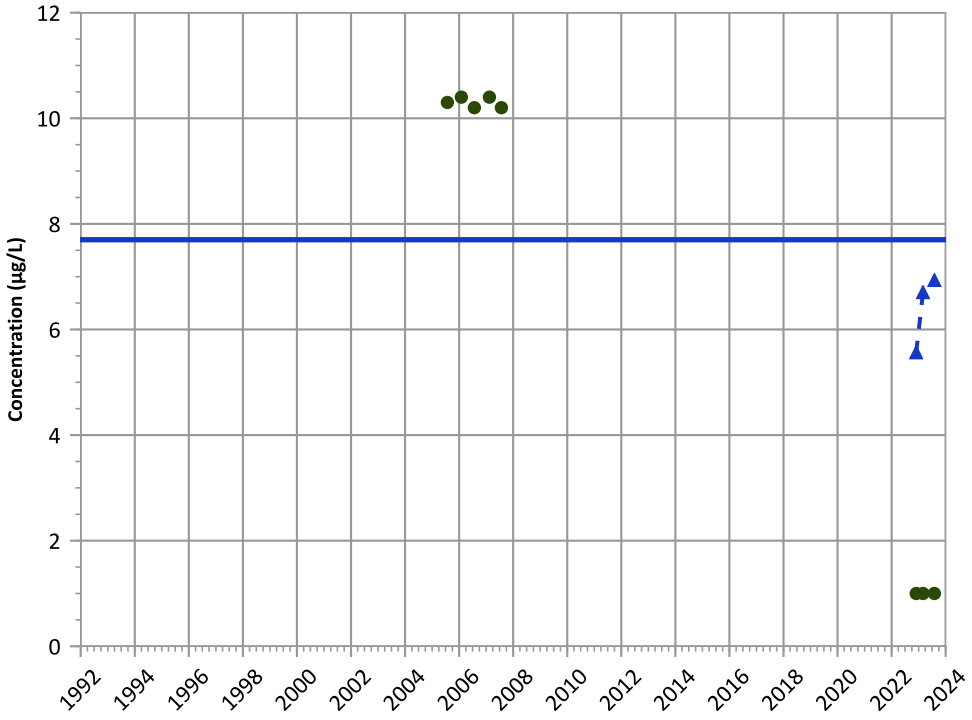
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

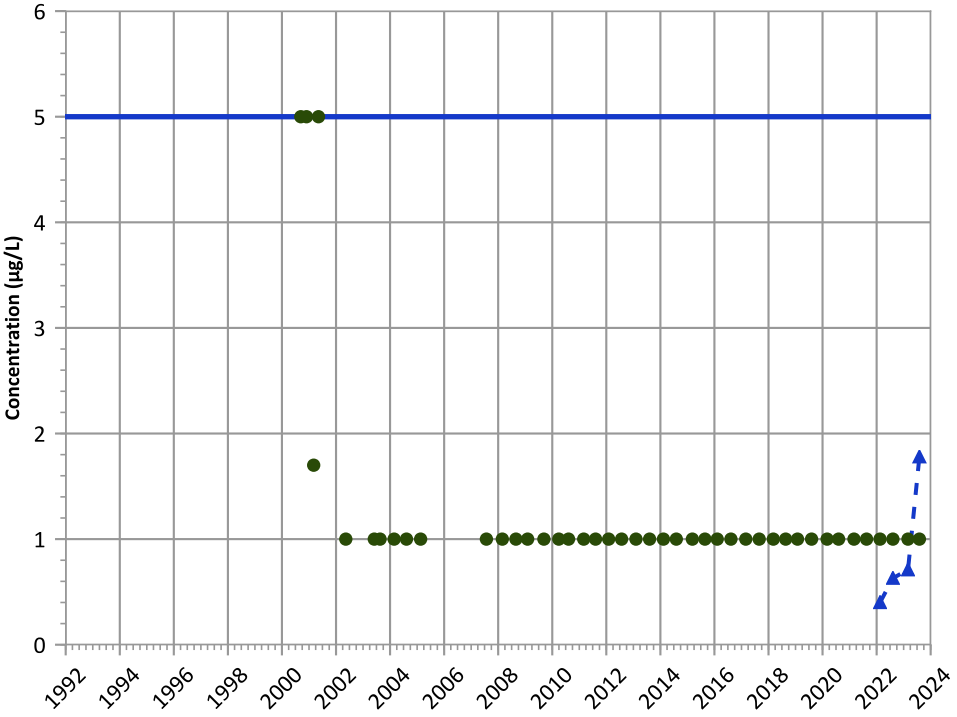


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

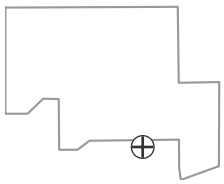
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

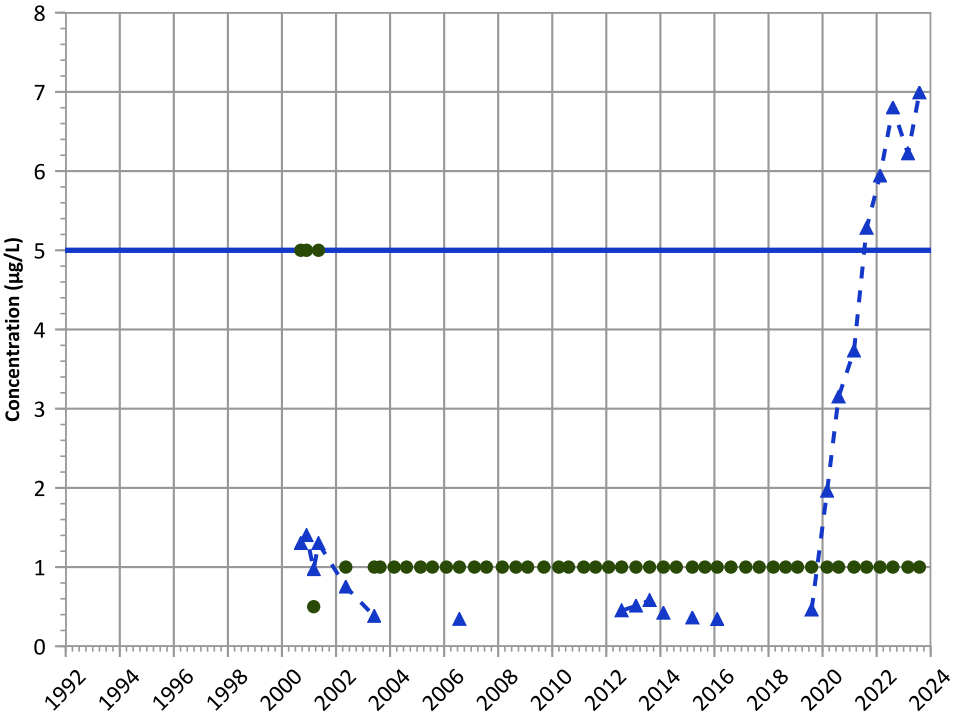
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

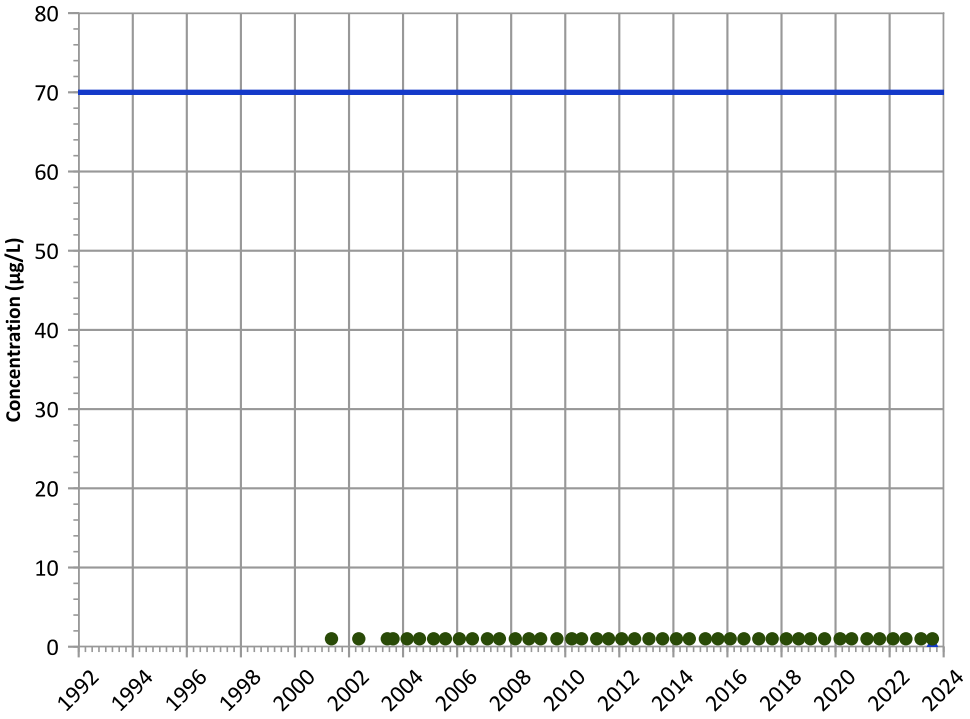


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

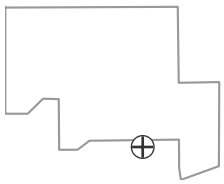
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

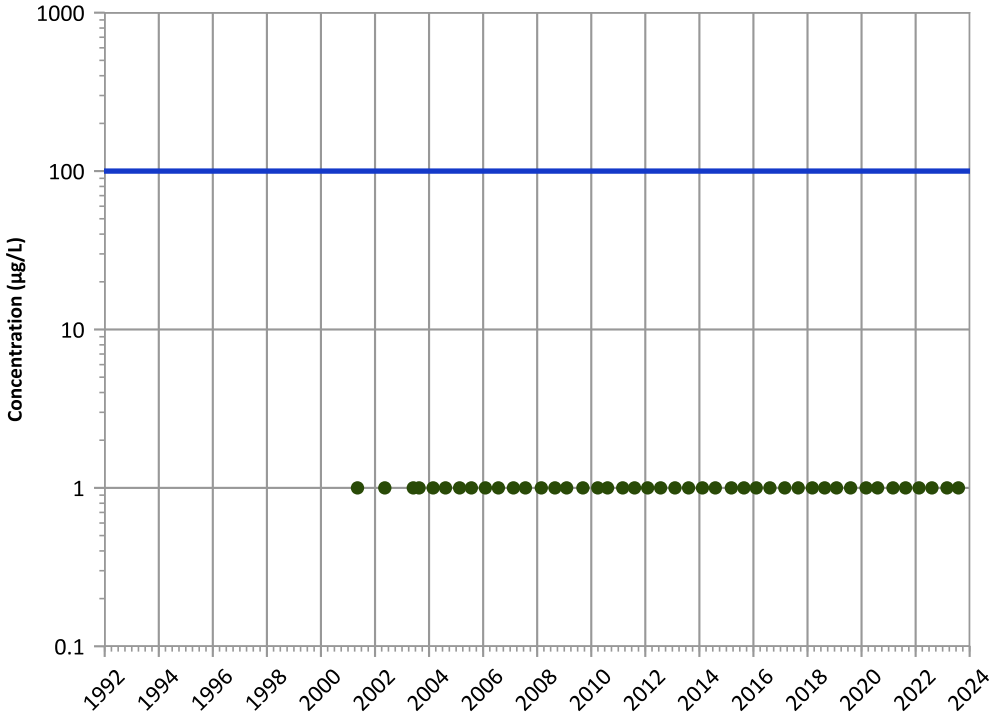
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

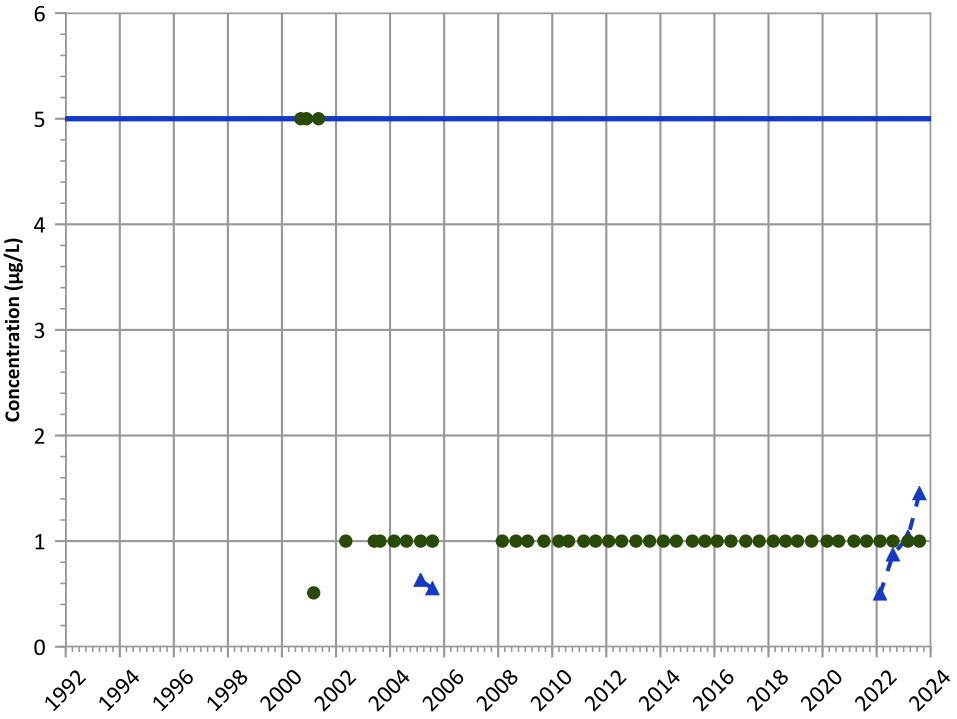


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

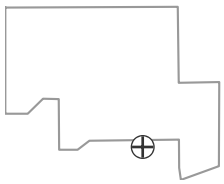
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

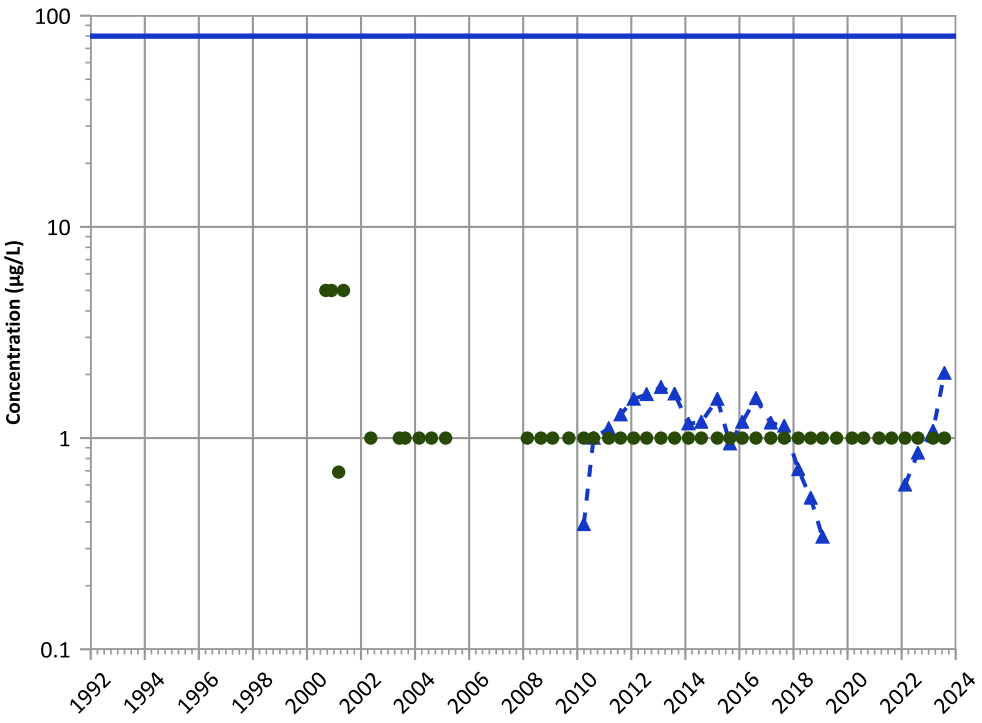
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

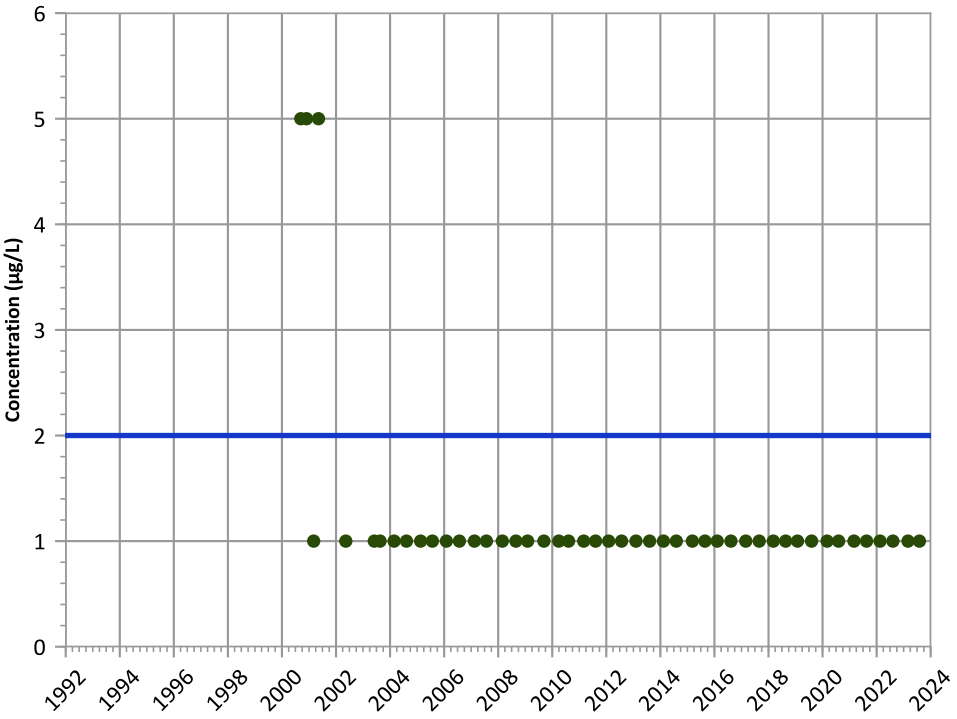


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Vinyl Chloride Trend



Concentration Trend

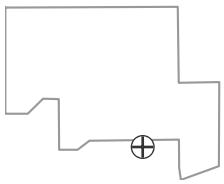
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

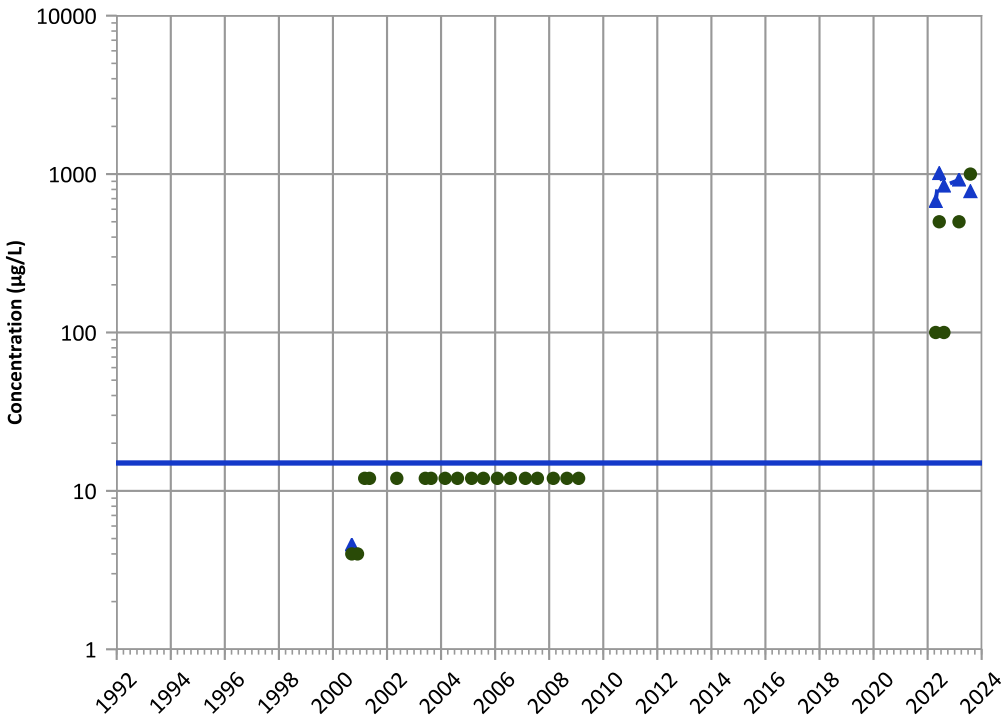
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

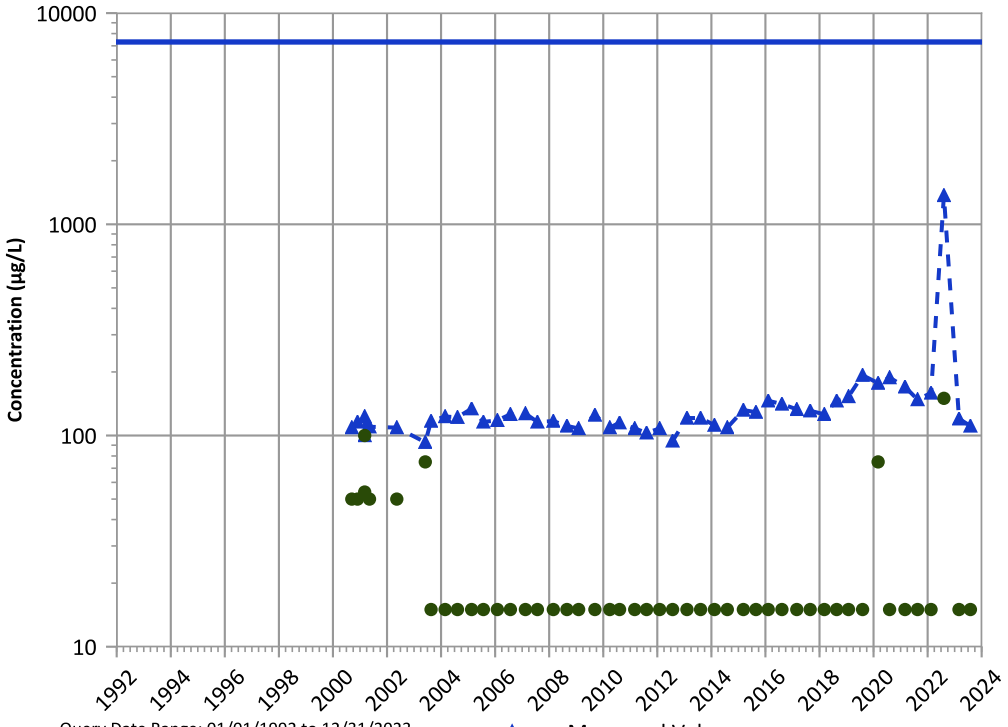


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

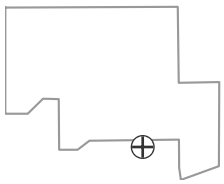
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

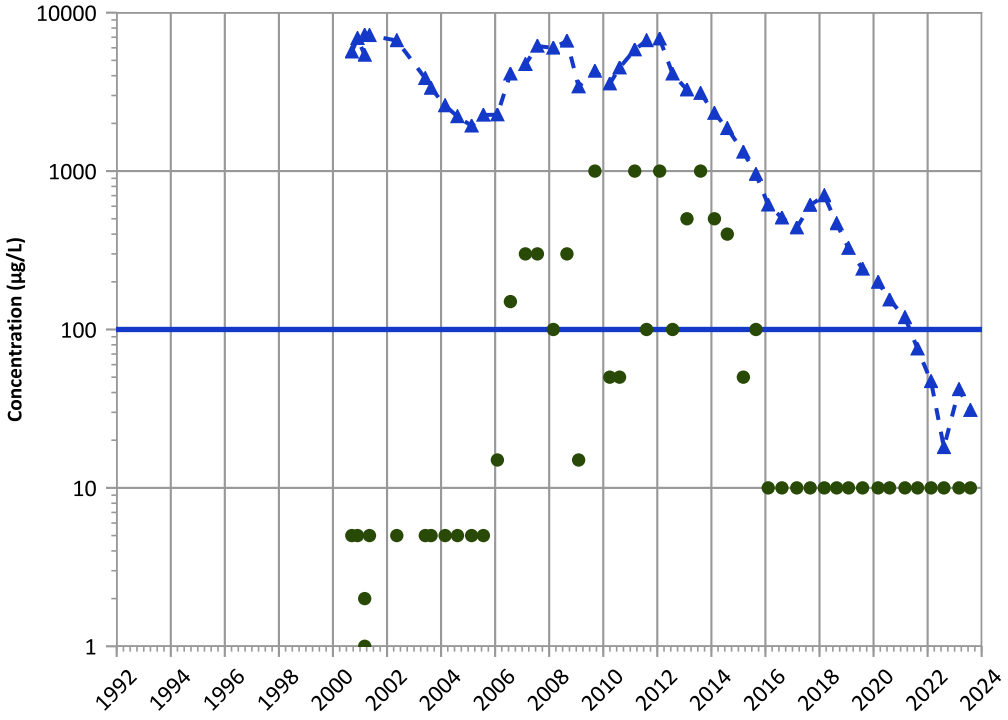
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

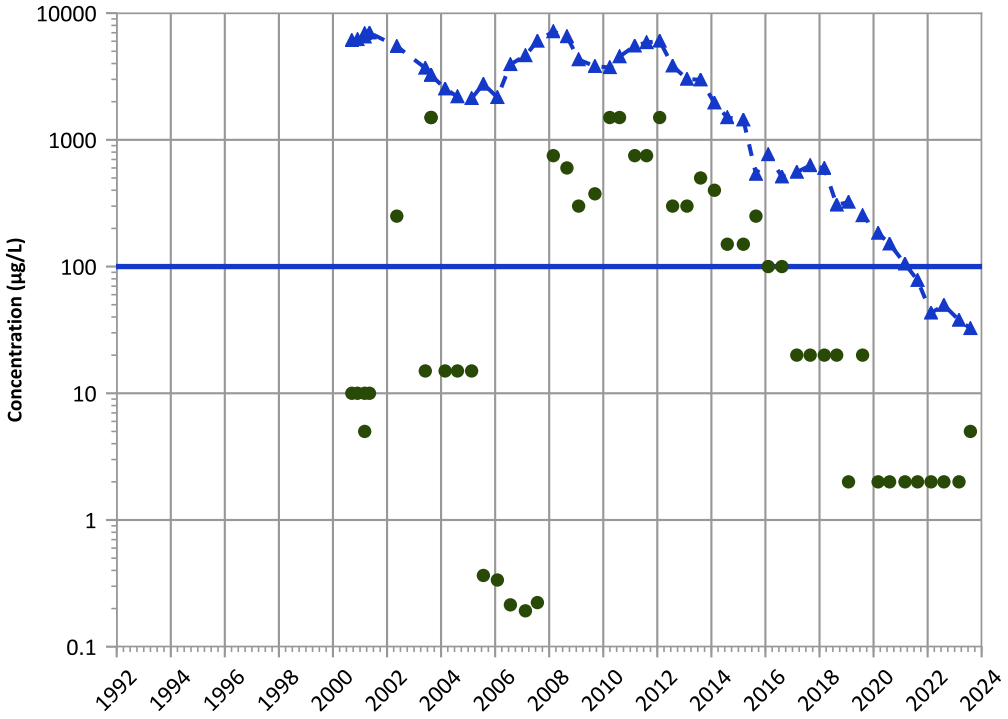


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

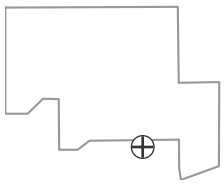
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

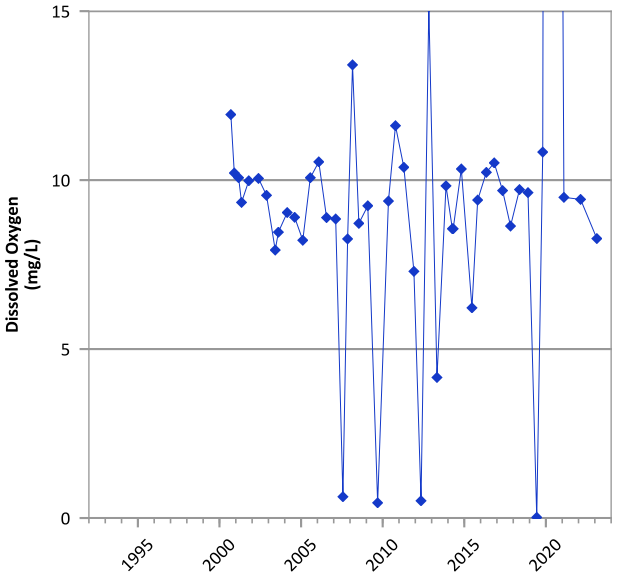
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 08/02/2023
Analysis Date: 04/01/2024

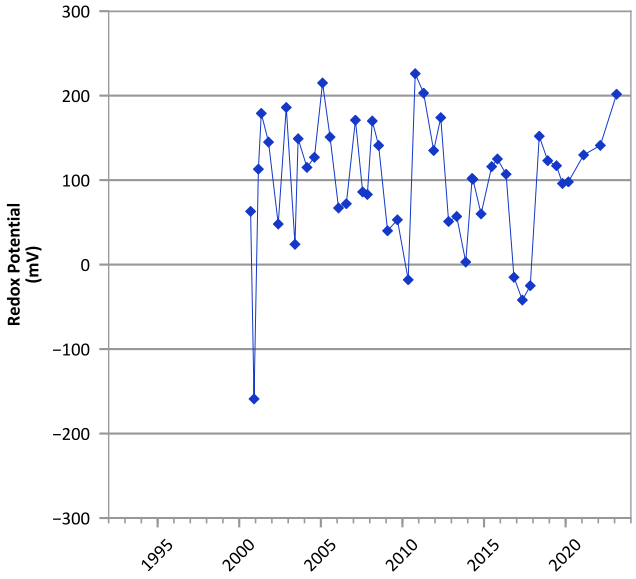
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

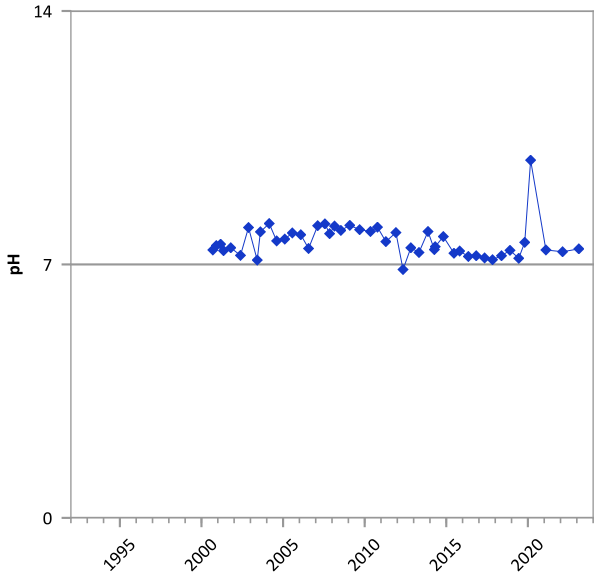
Well Location

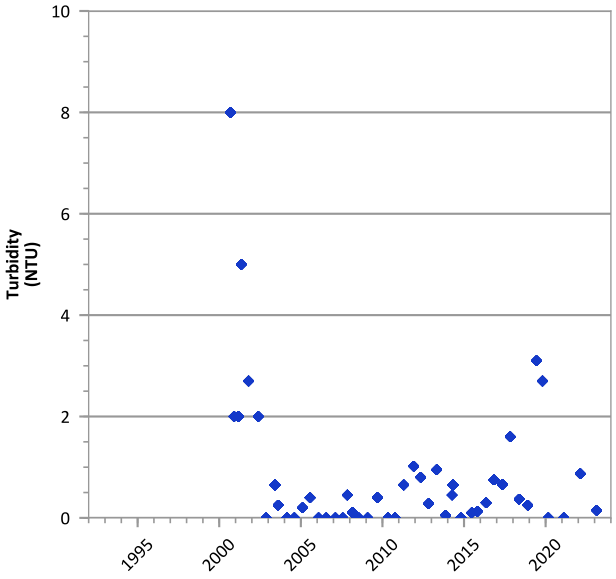


PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

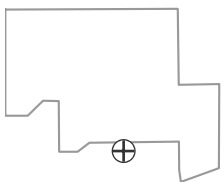






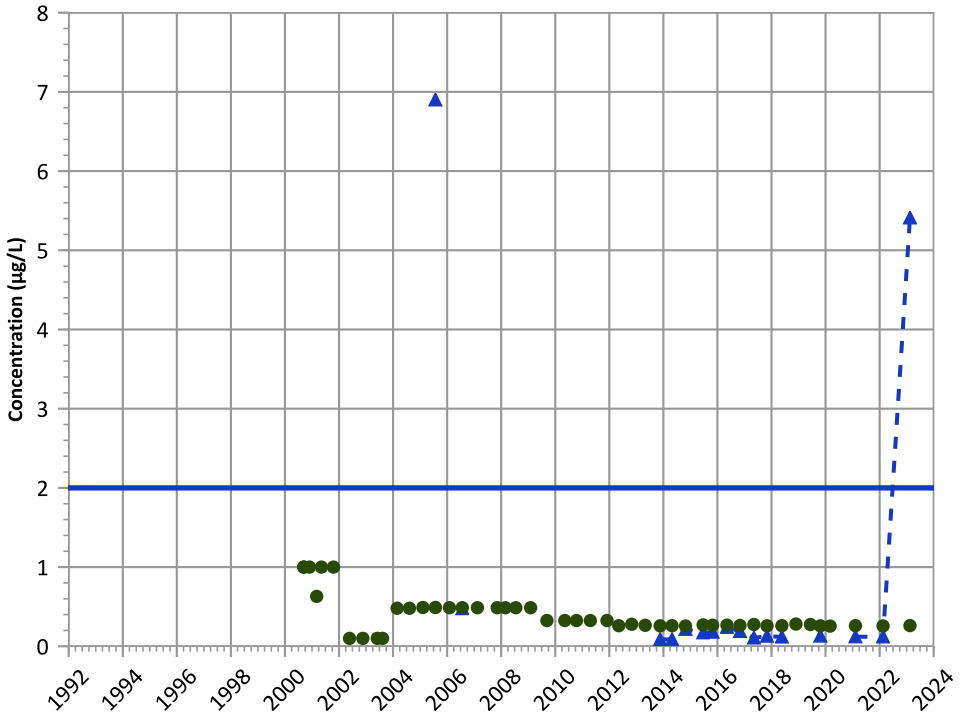


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

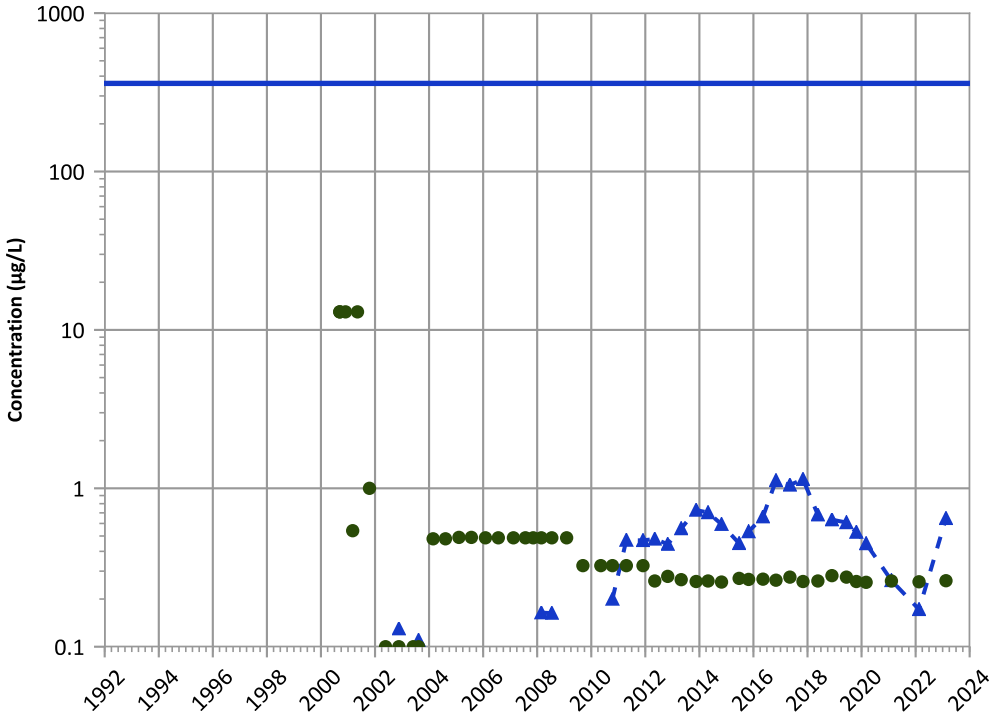


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

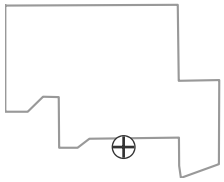
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

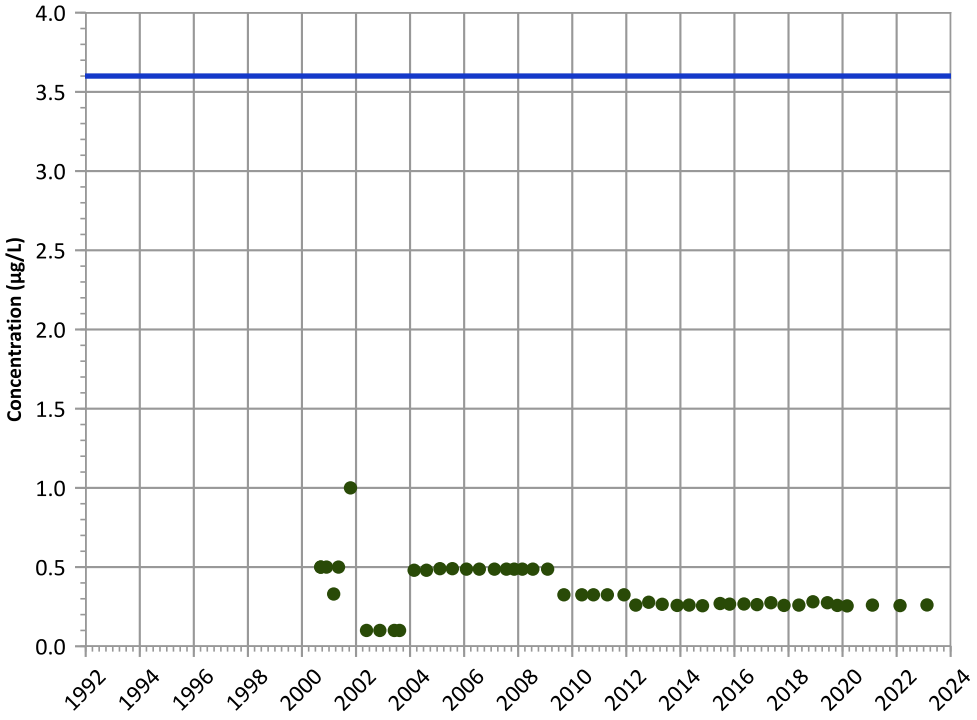
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

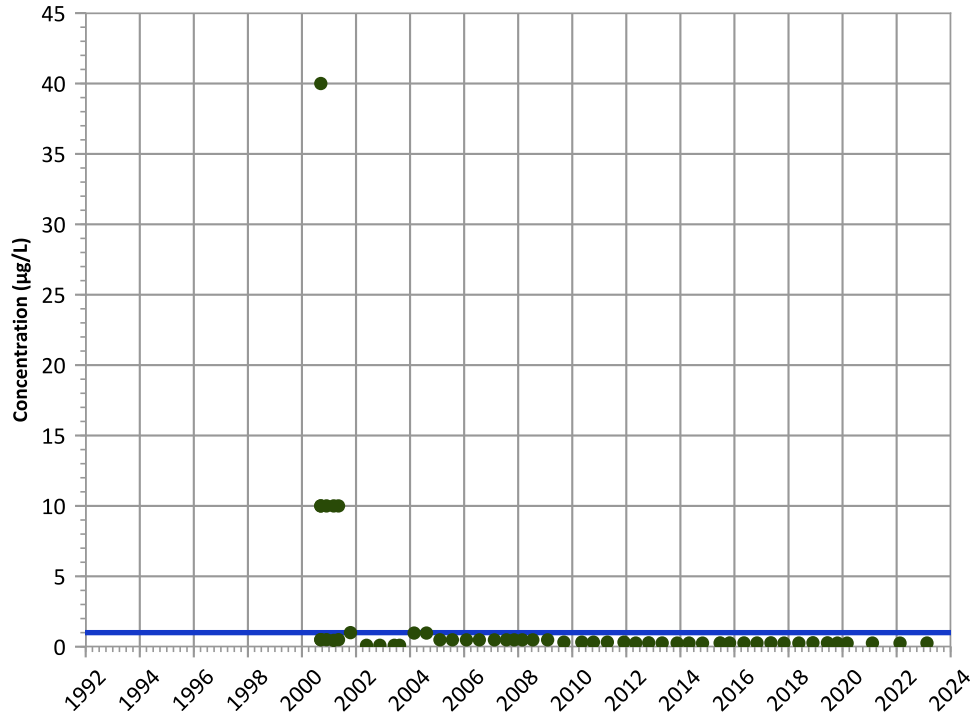


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

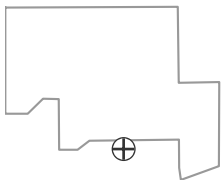
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

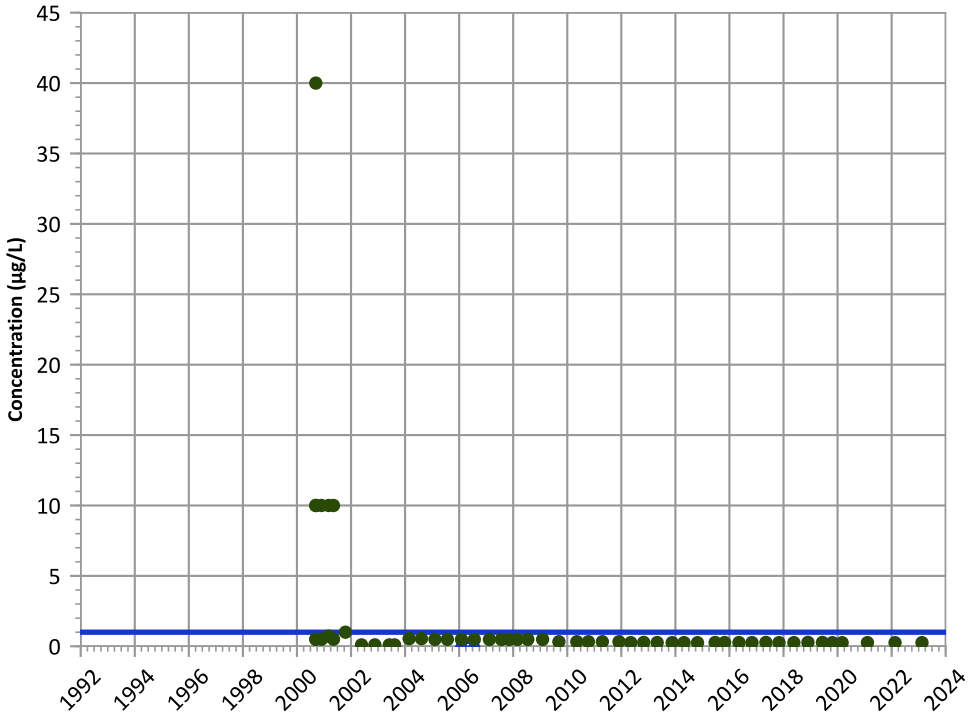
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

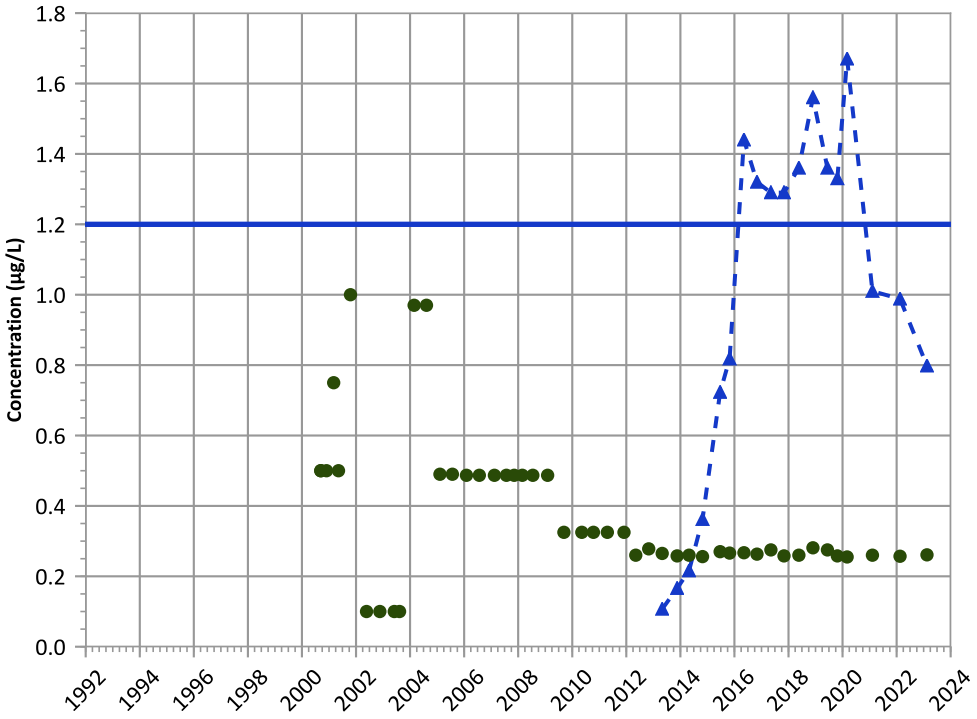


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

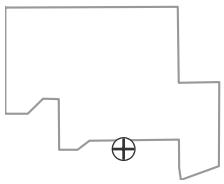
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

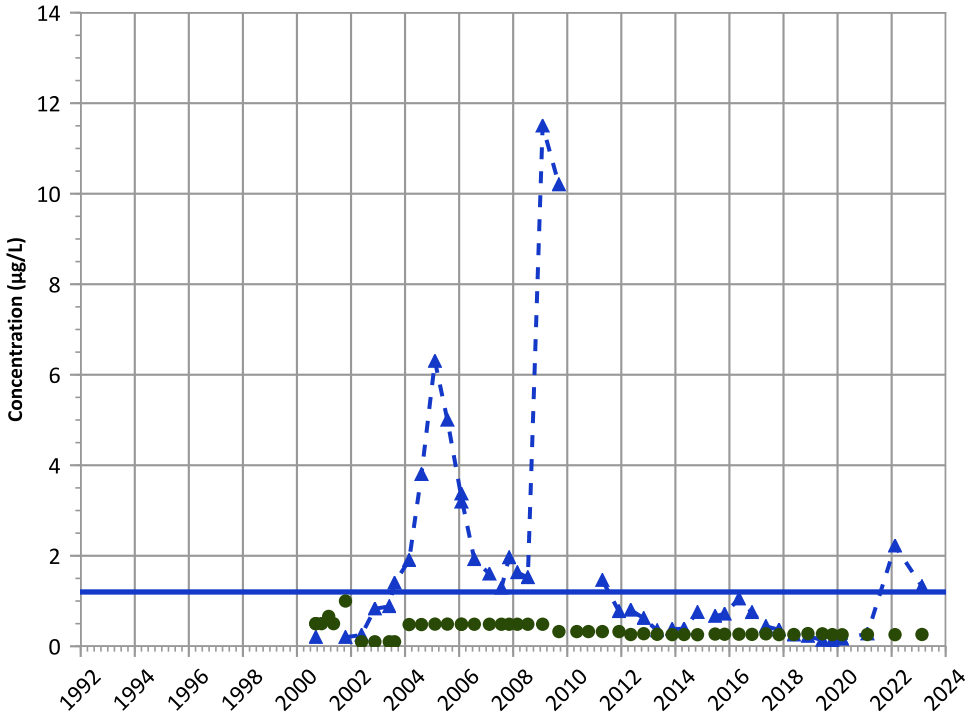
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

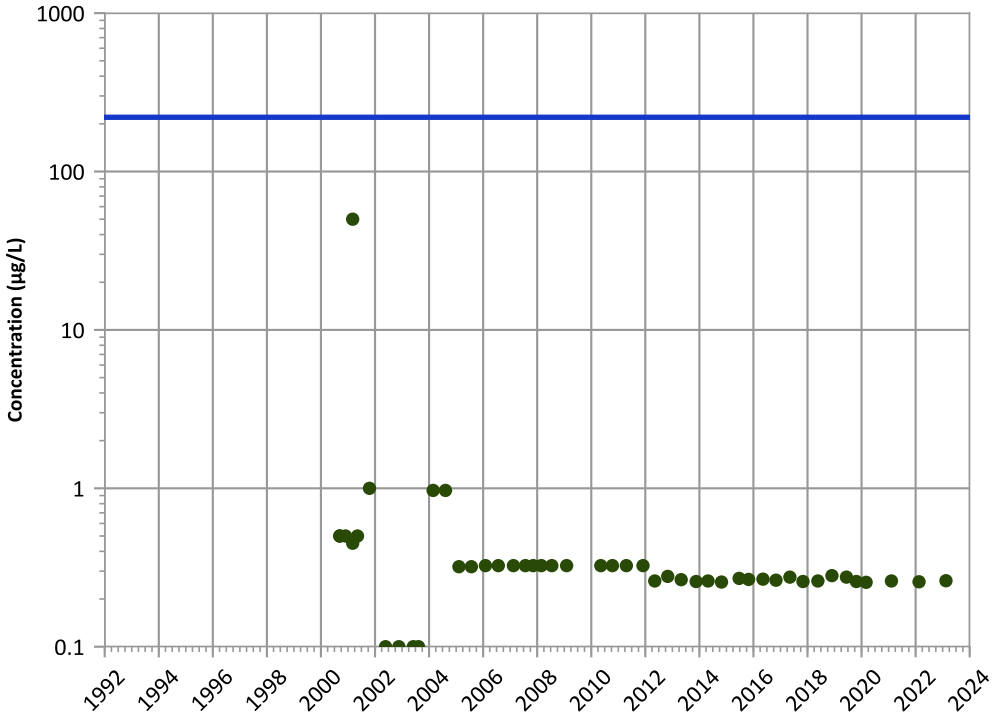


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

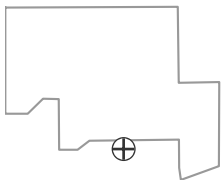
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

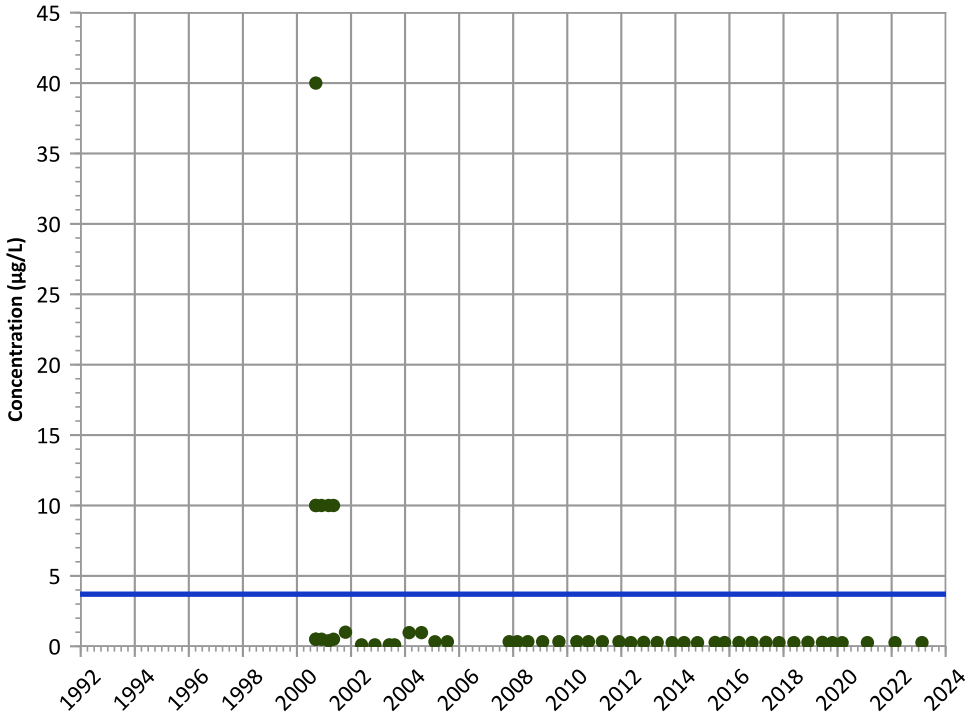
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

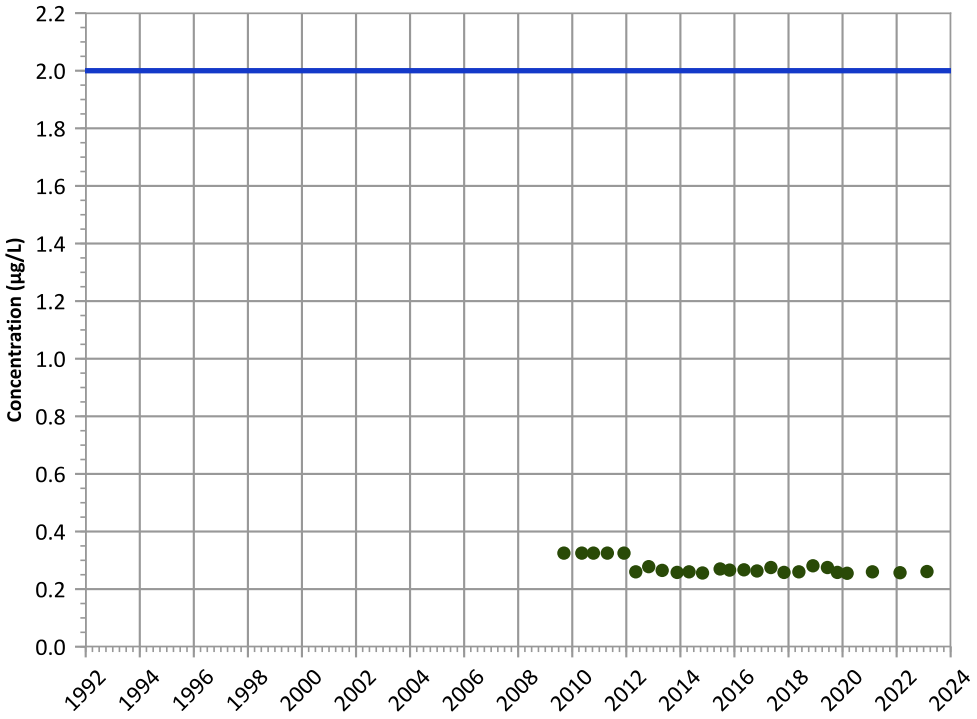


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

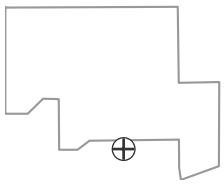
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

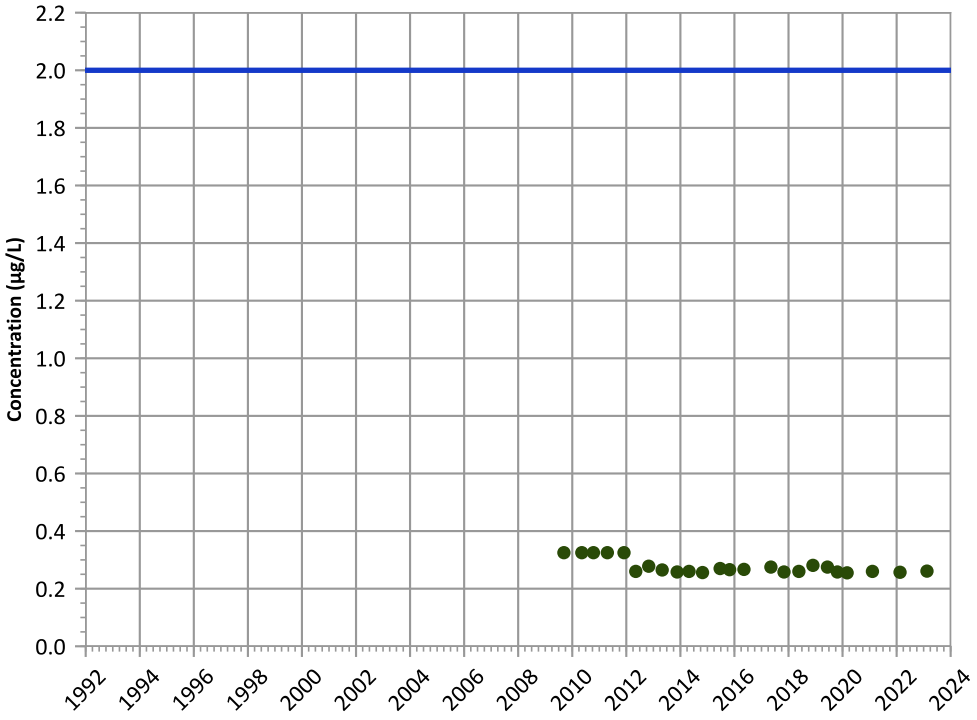
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

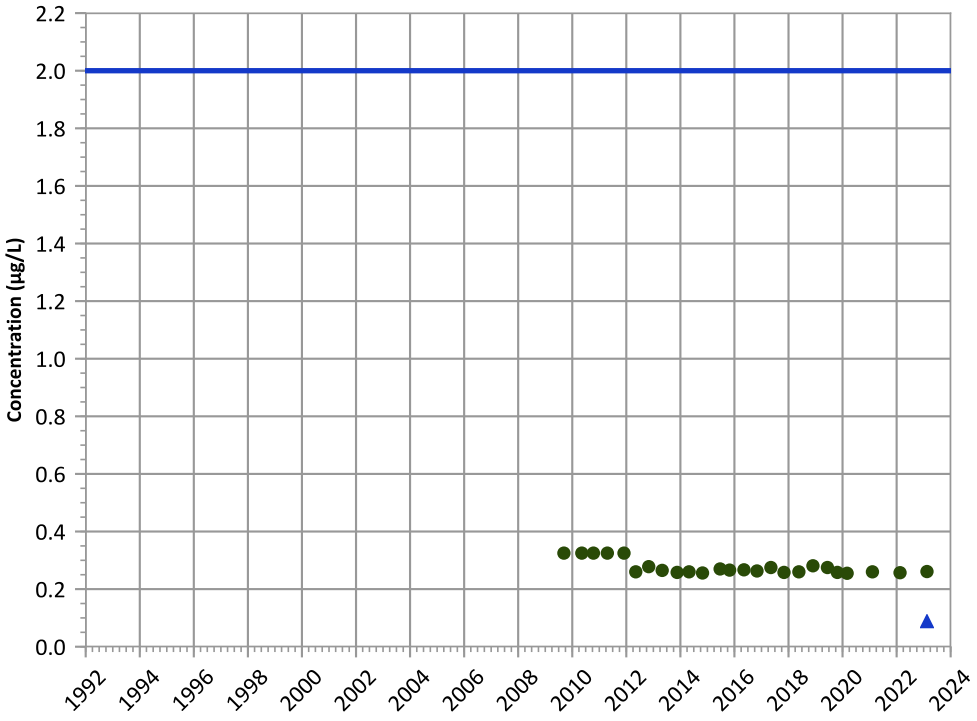


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

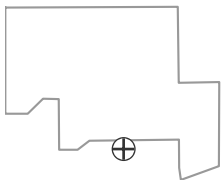
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

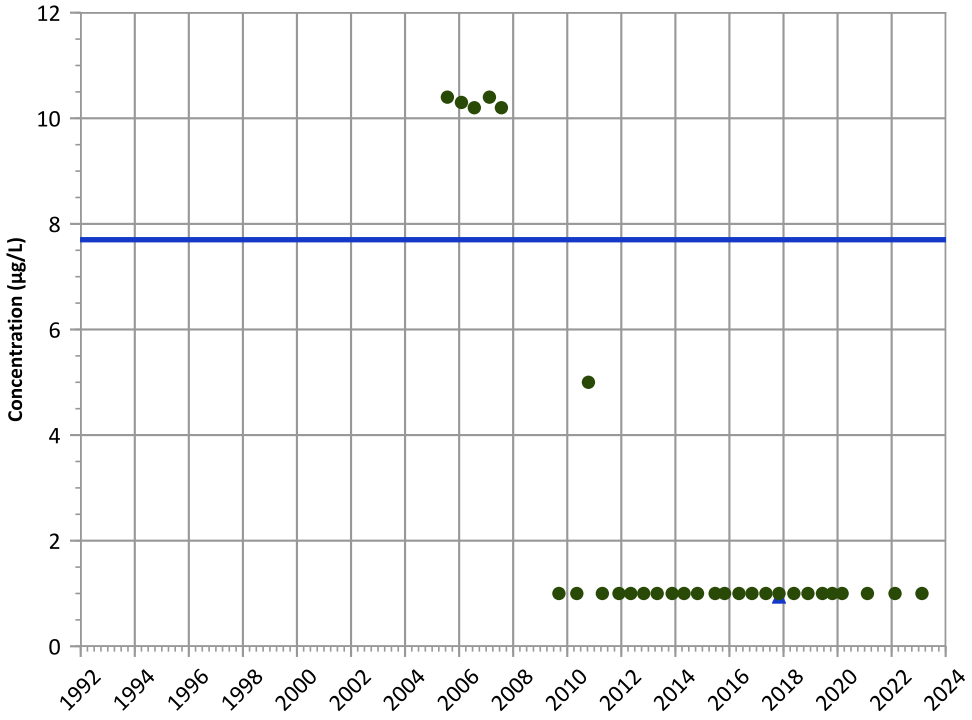
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

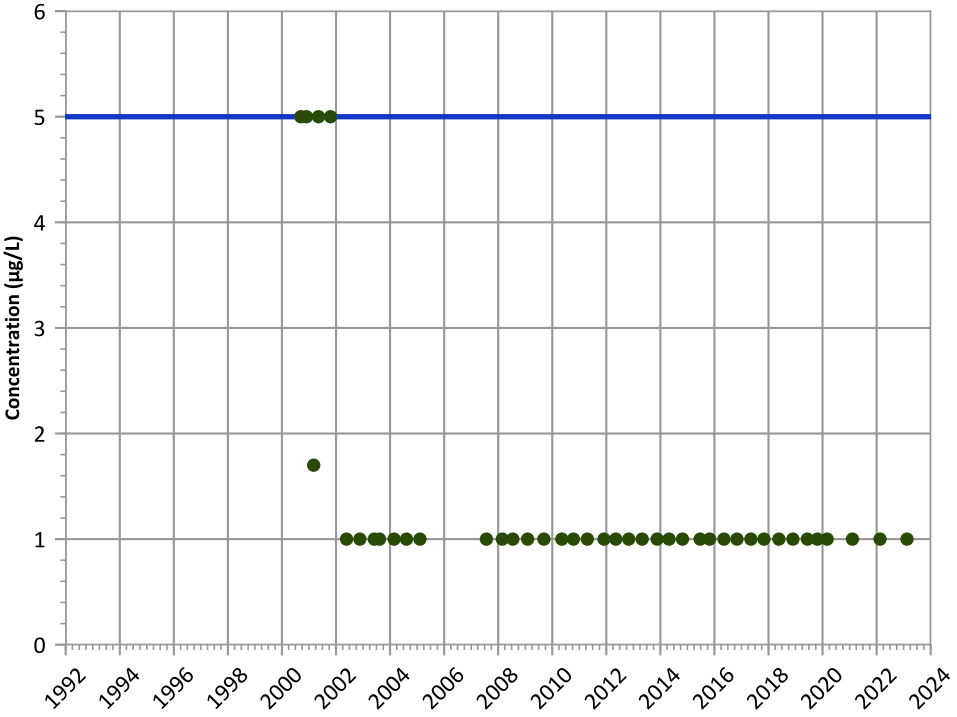


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

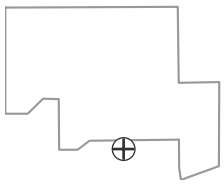
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

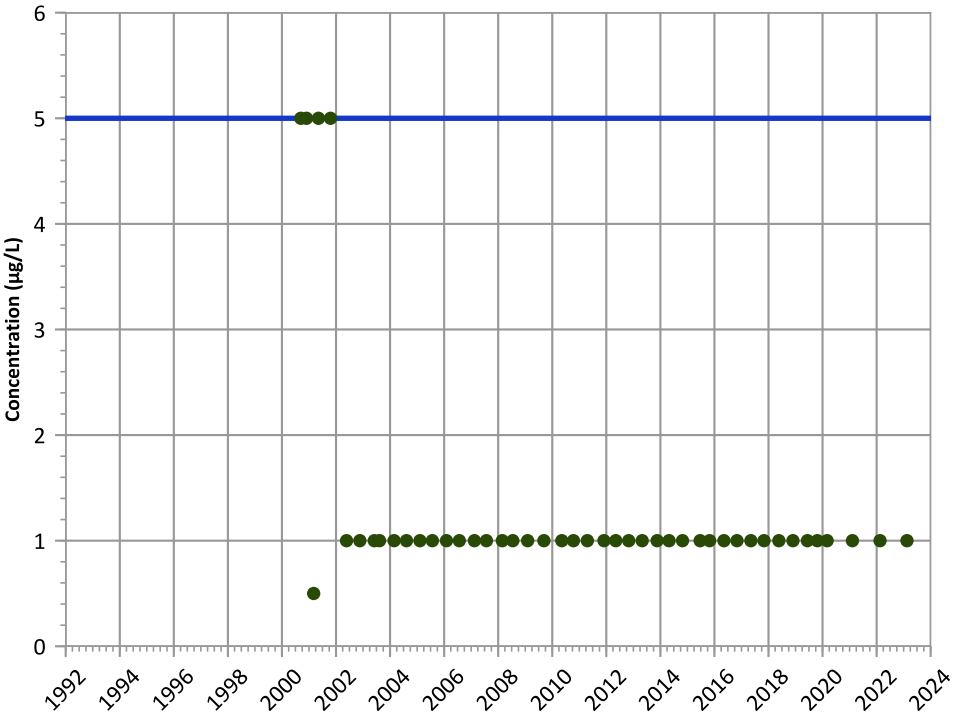
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

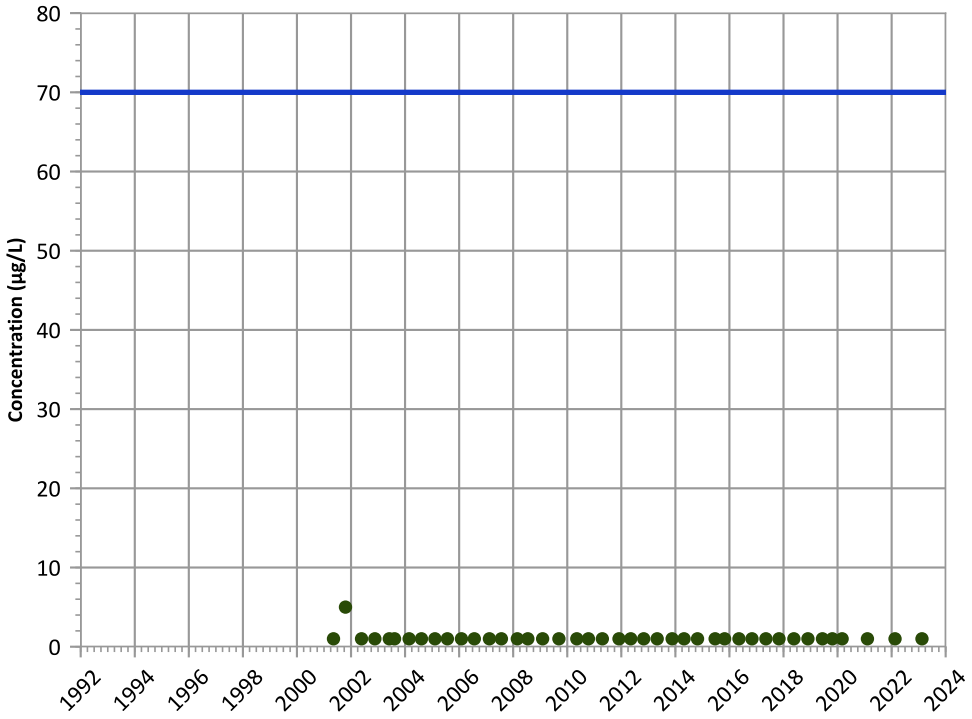
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



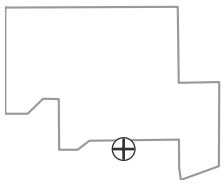
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

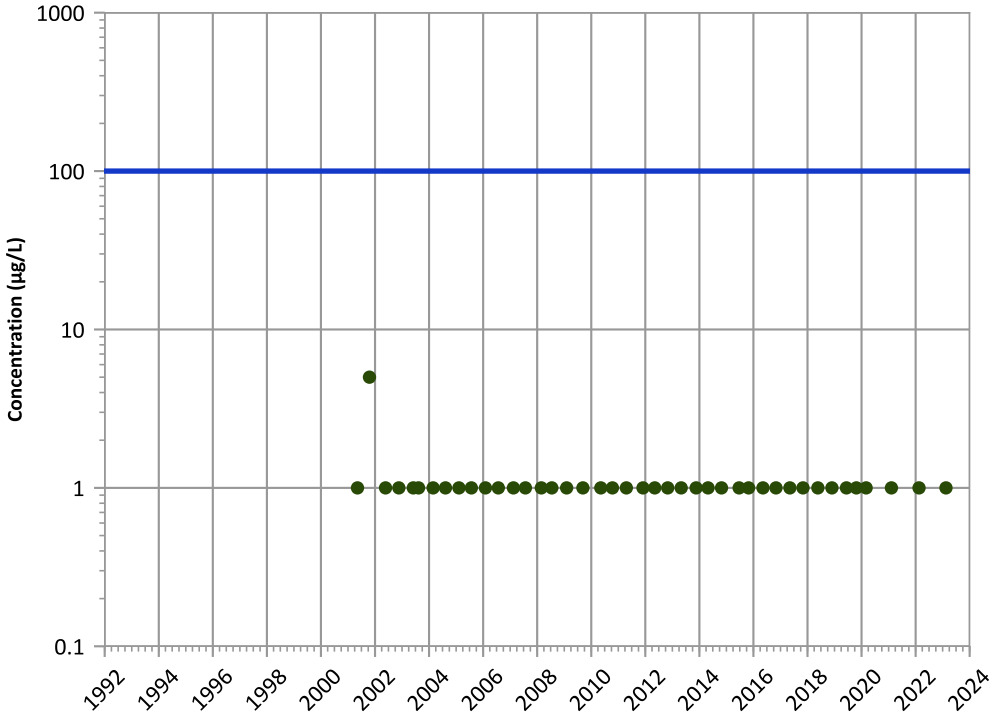
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

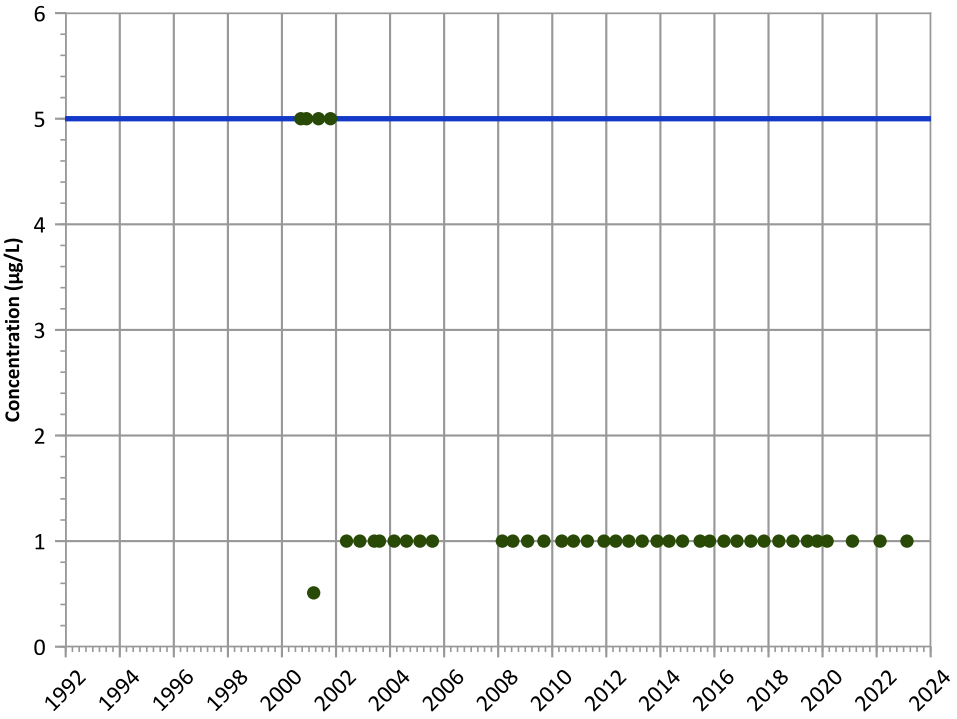
trans-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



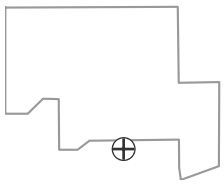
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

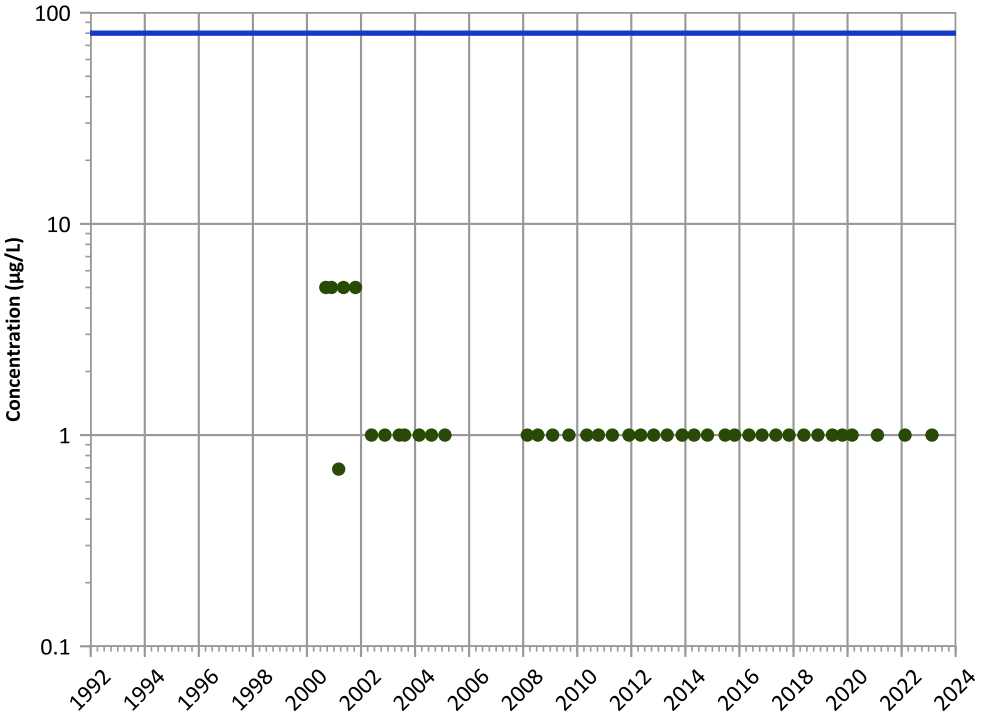
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

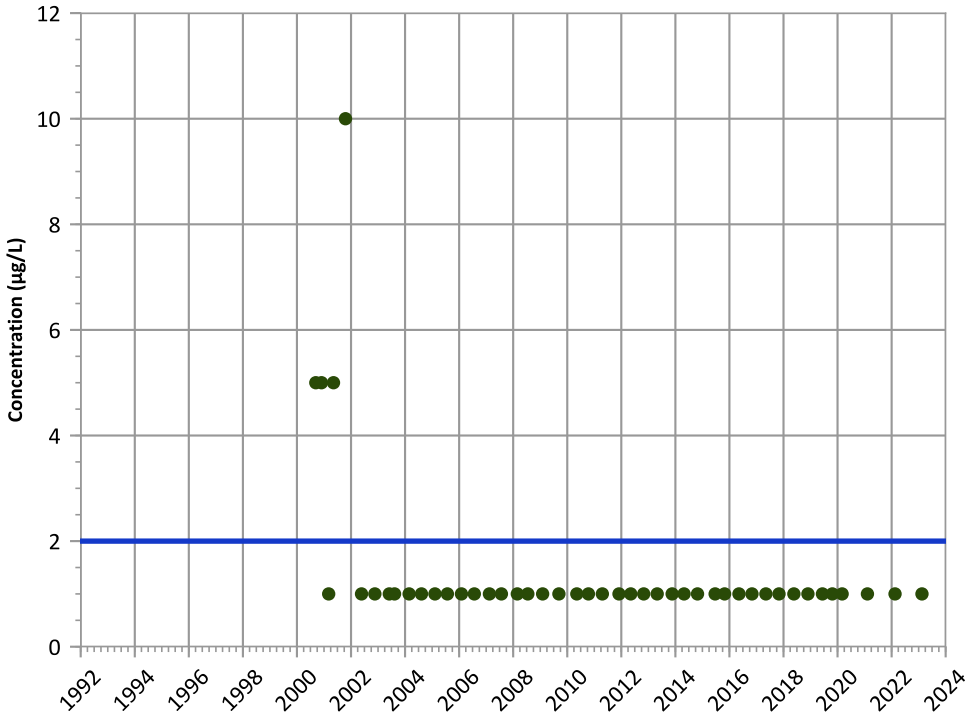


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

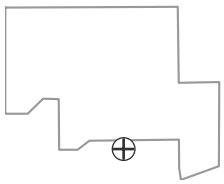
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

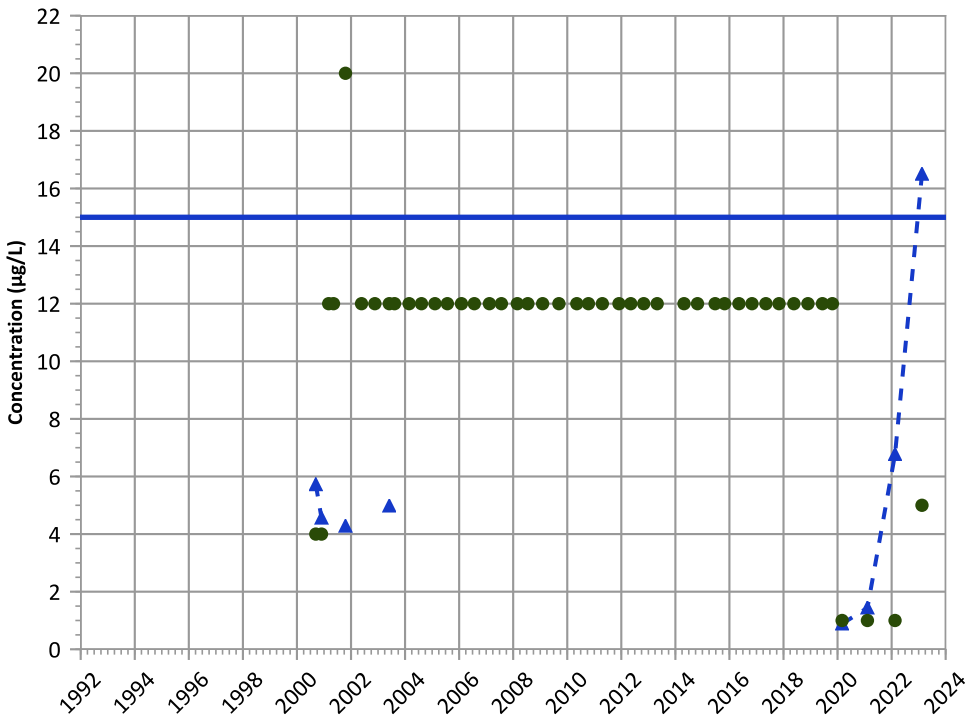
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

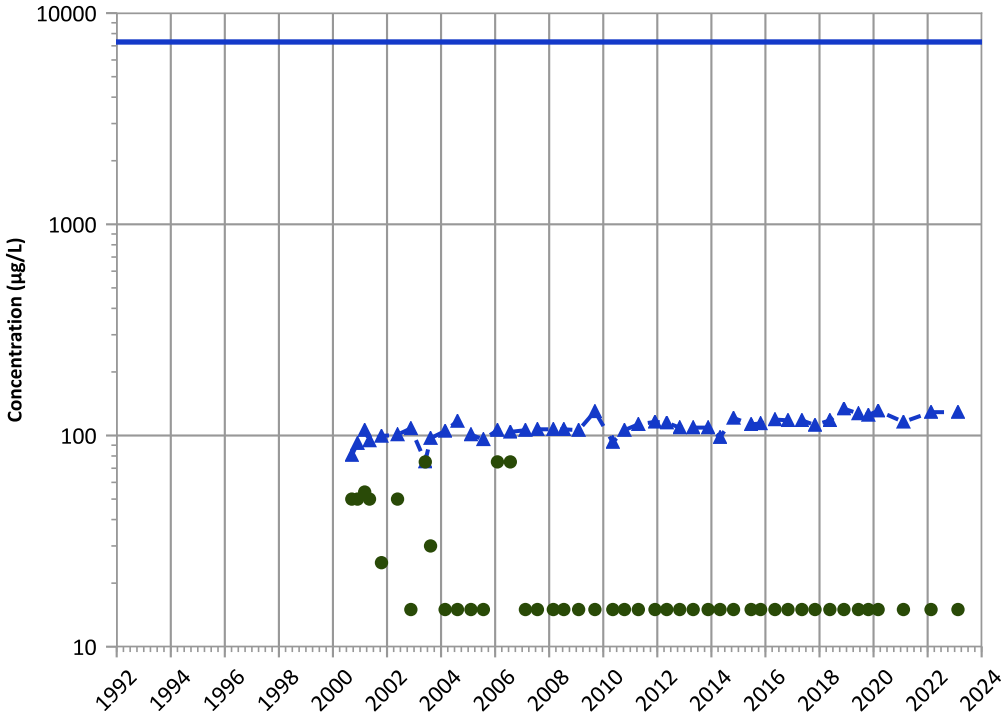


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

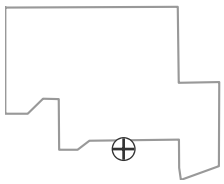
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

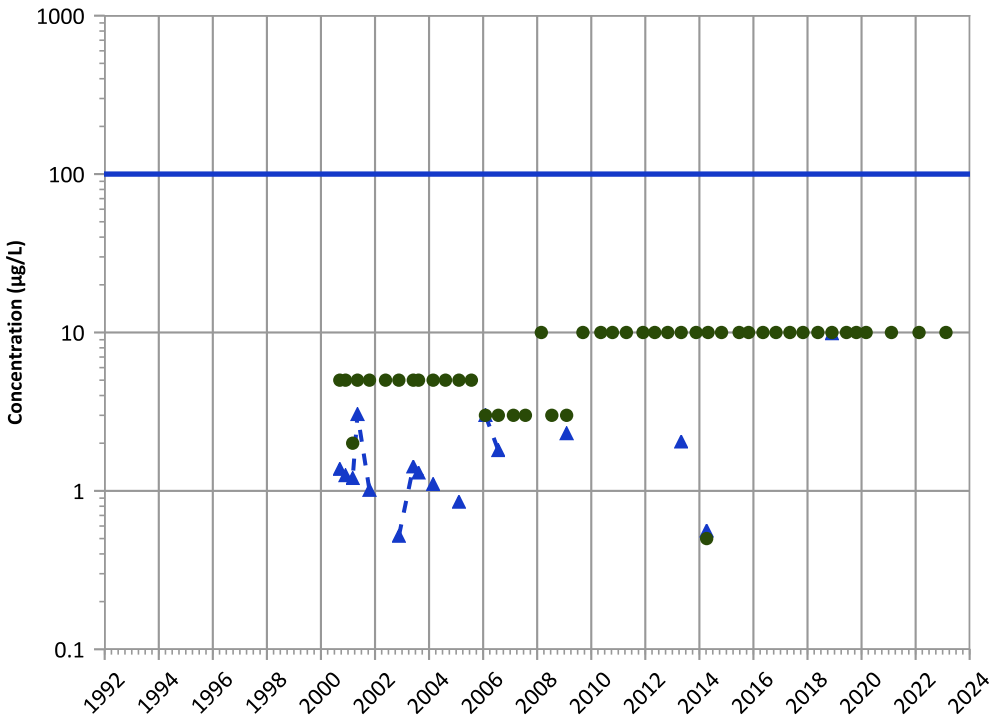
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

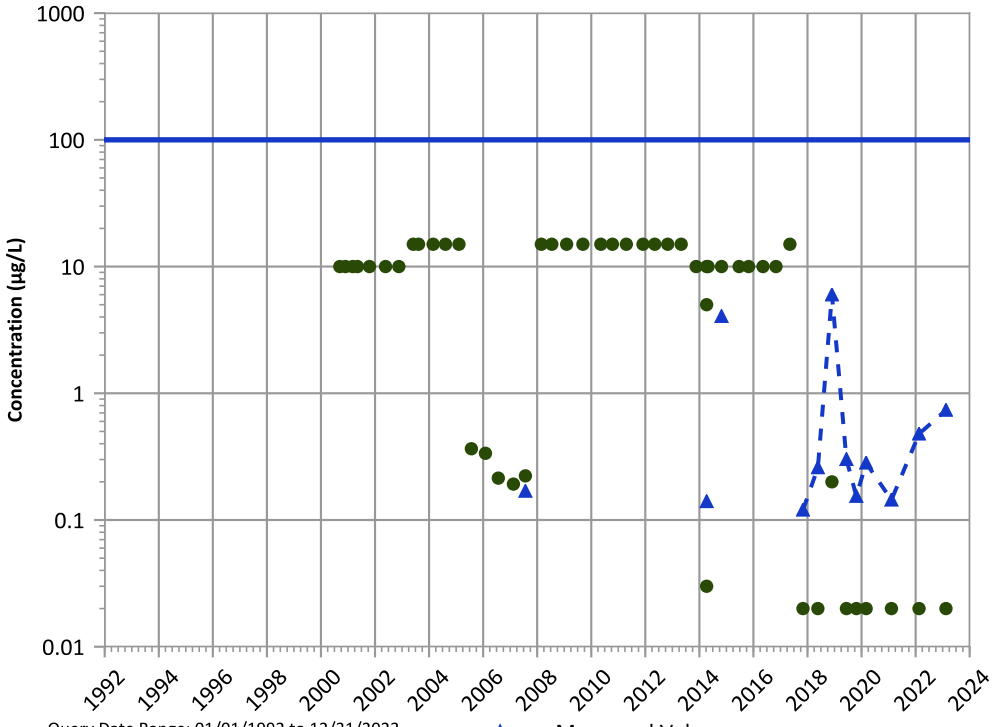


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

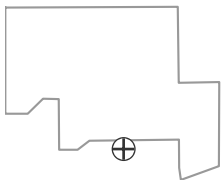
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

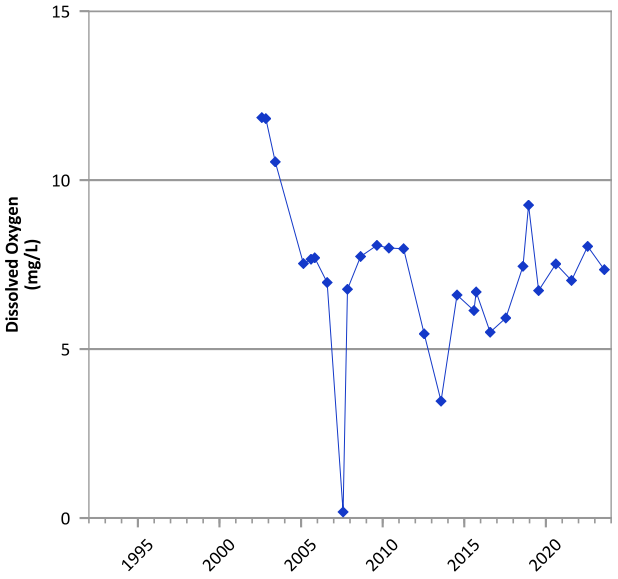
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/15/2023
Analysis Date: 04/01/2024

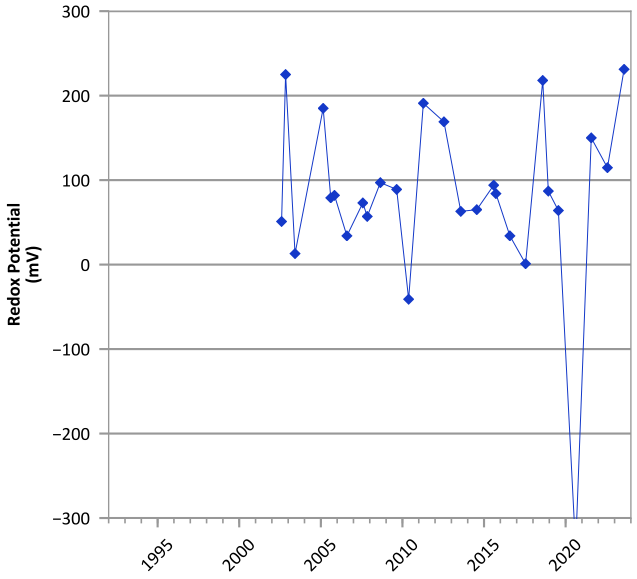
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

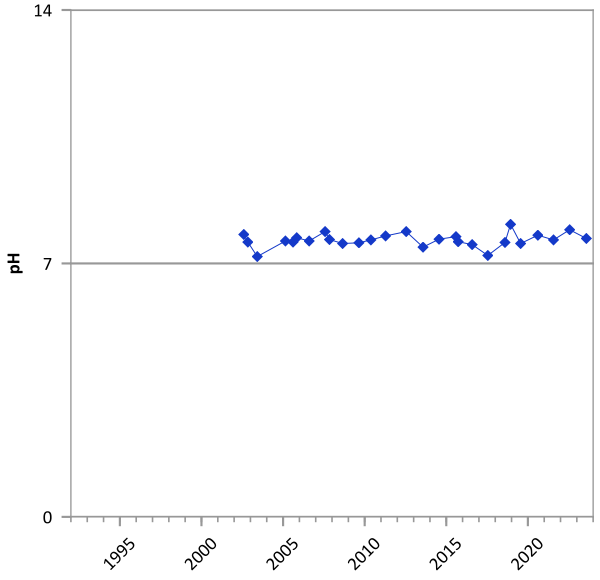
Well Location

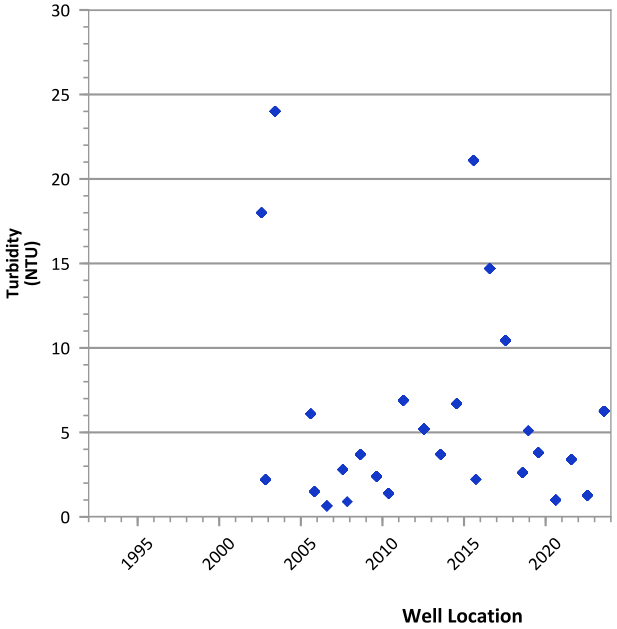


PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

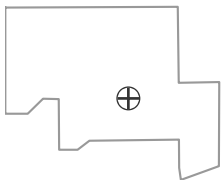






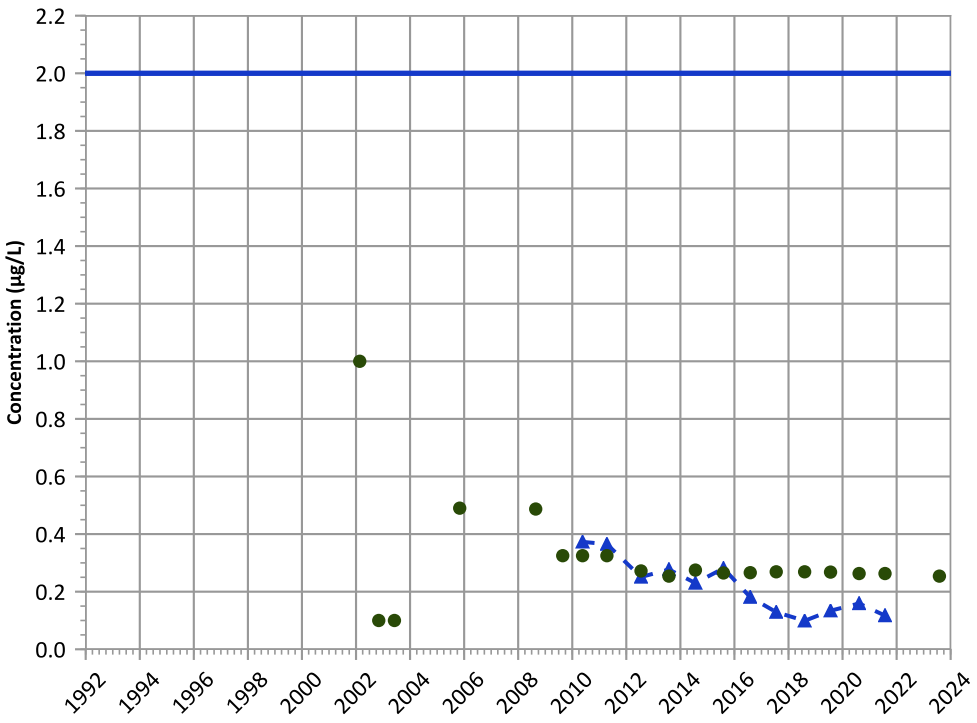


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

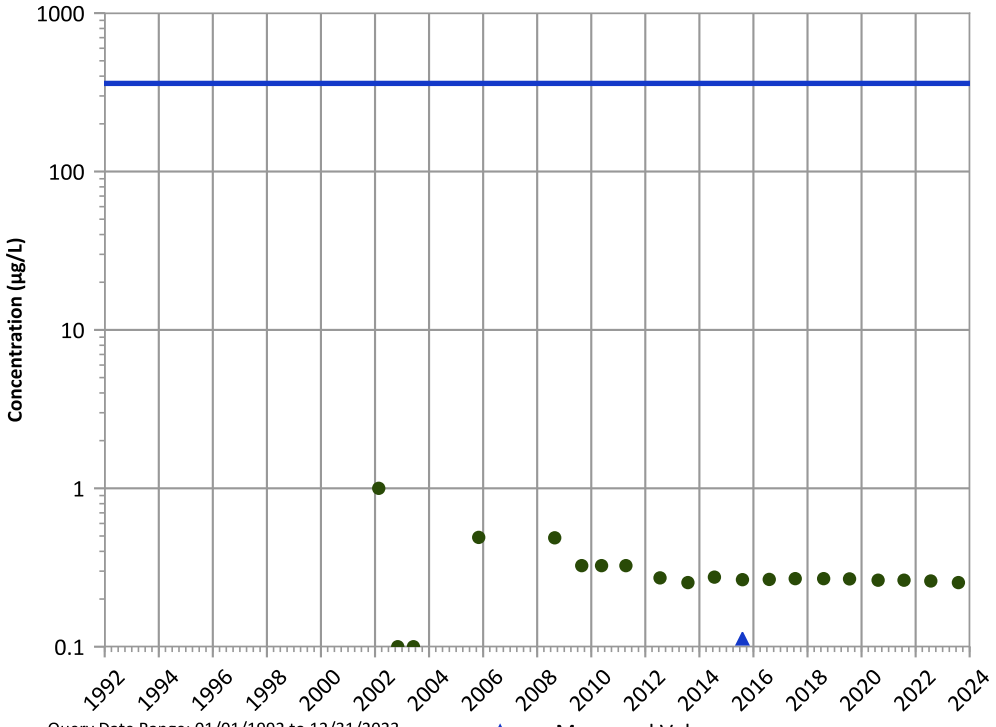


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

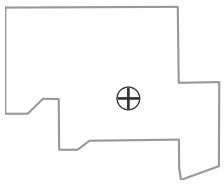
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

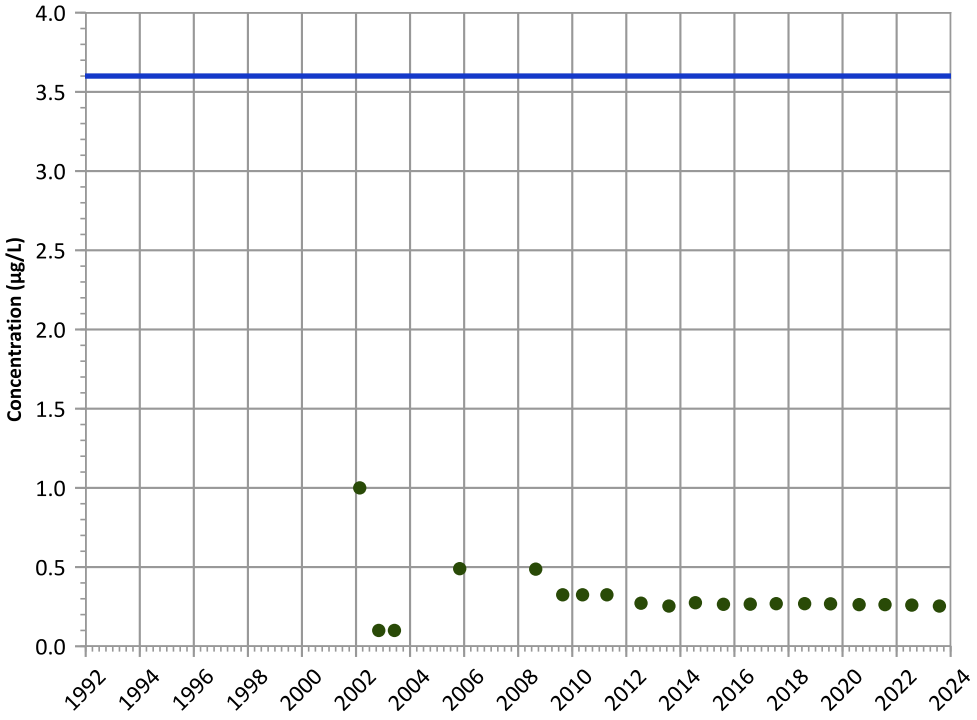
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

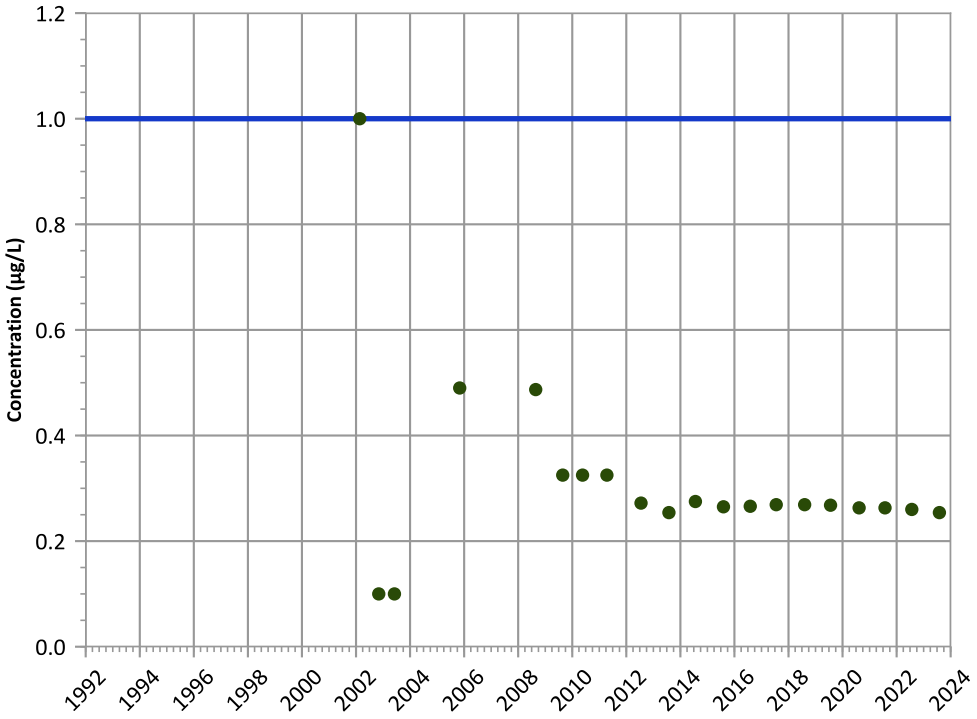


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

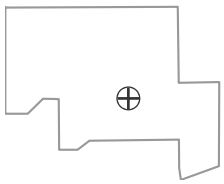
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

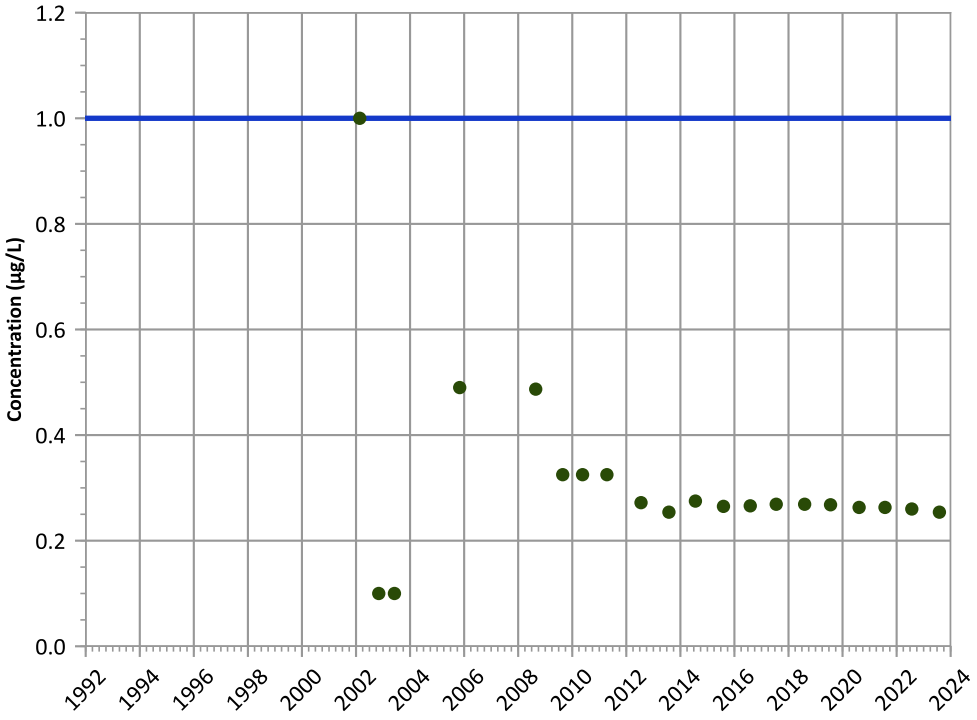
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

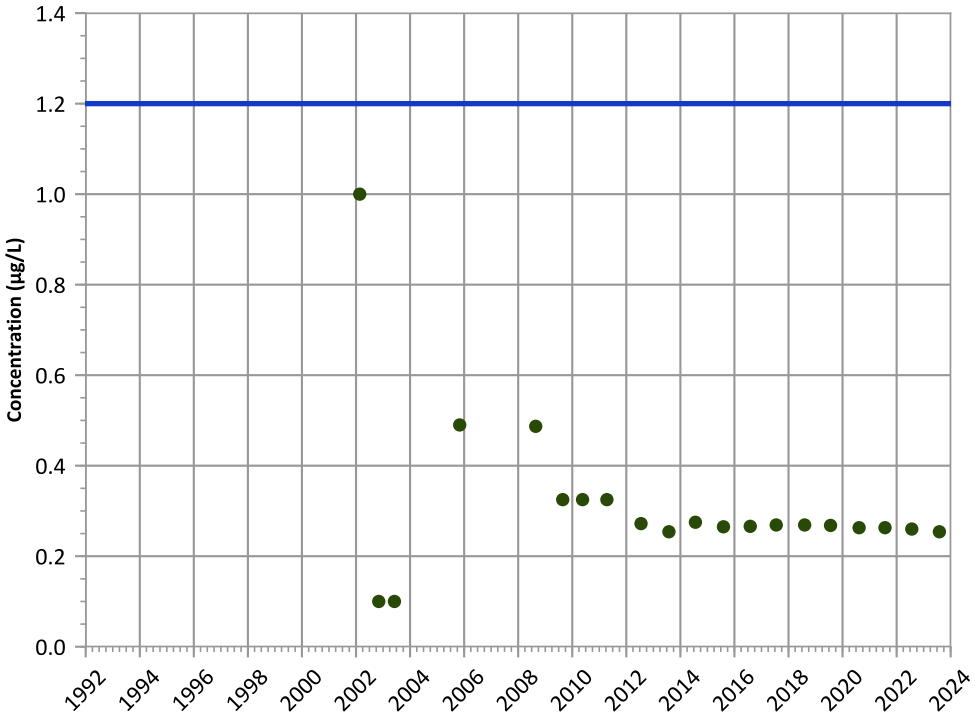


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

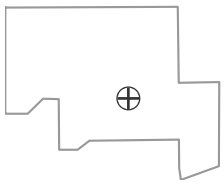
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

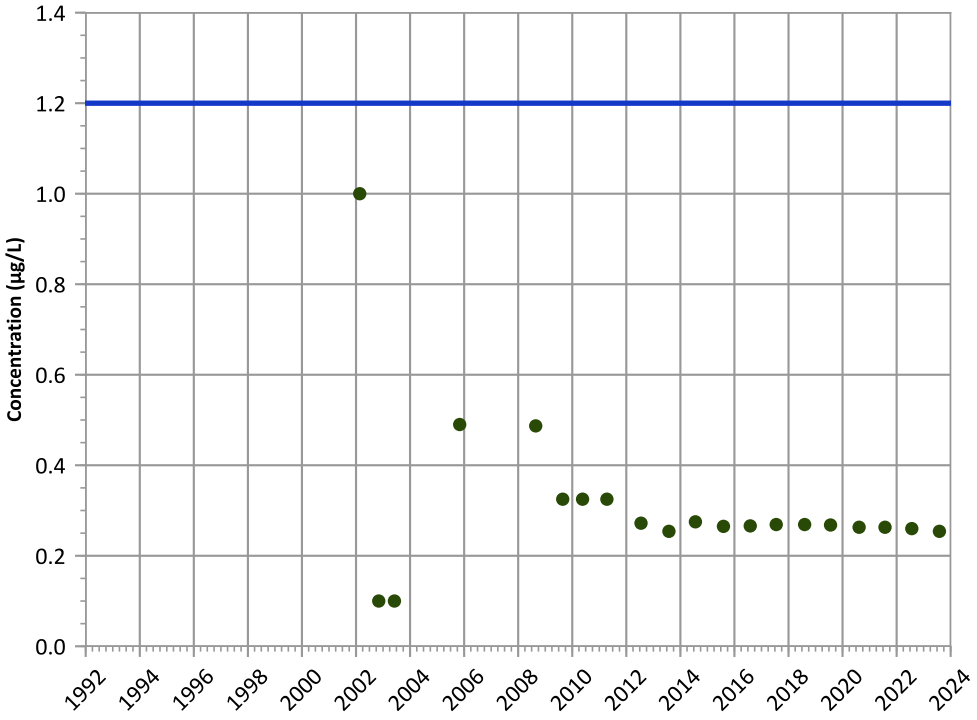
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

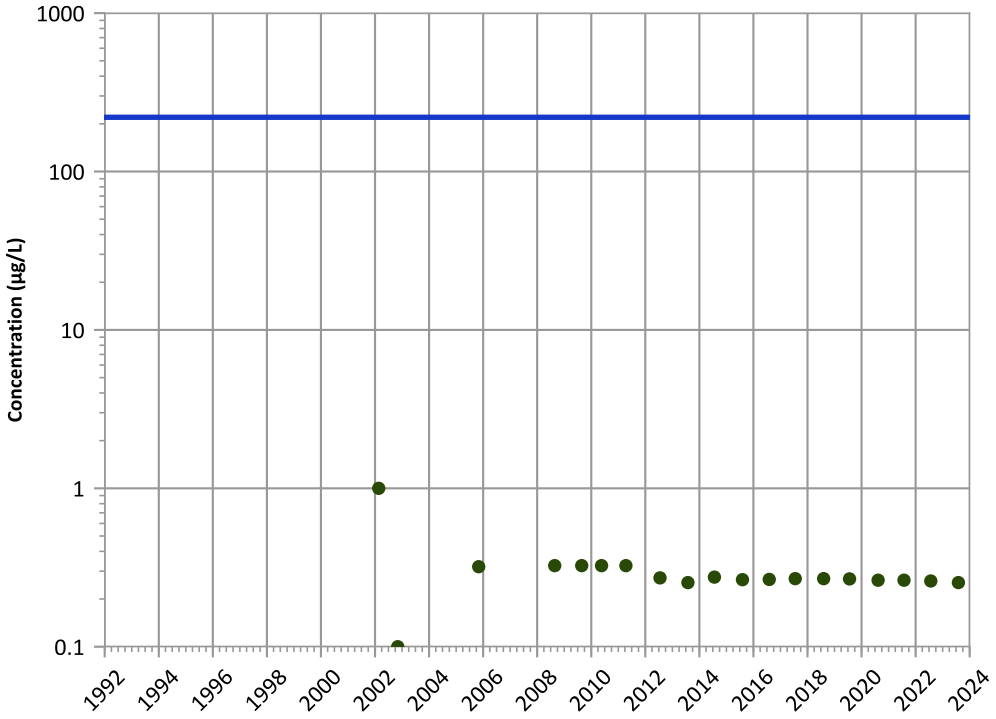


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

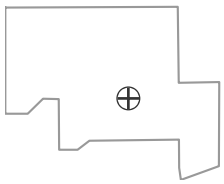
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

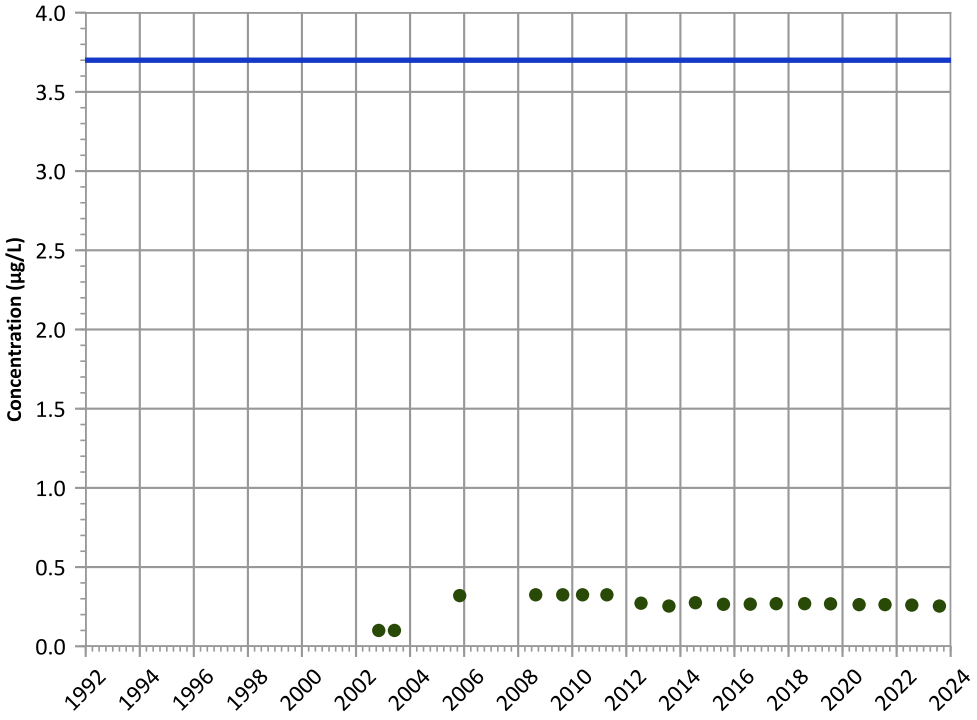
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

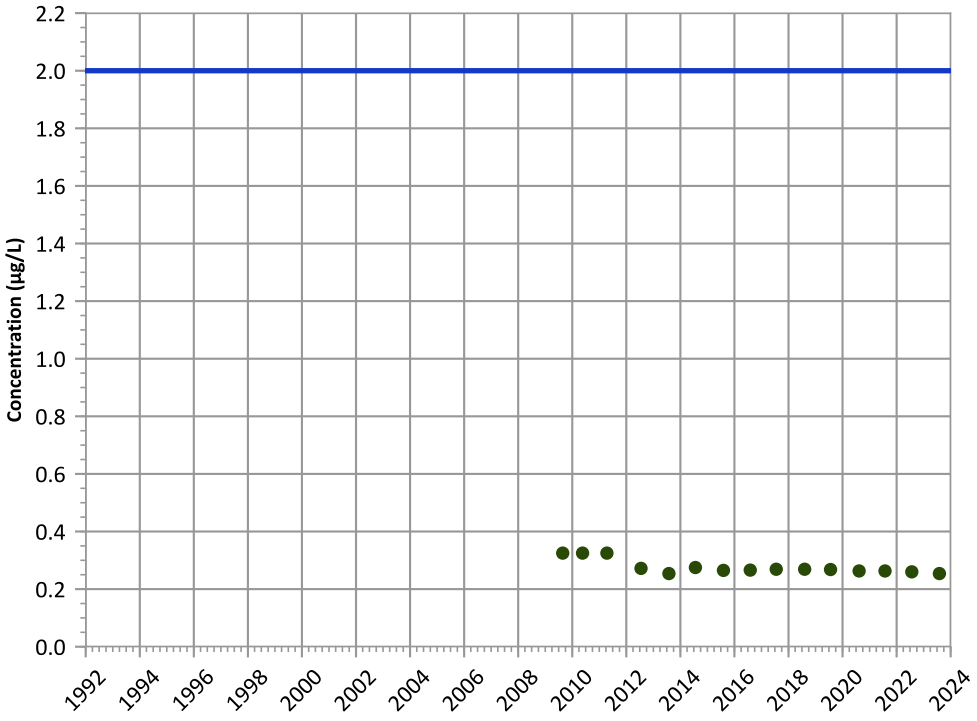


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

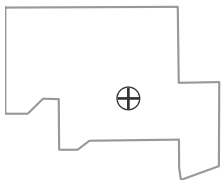
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

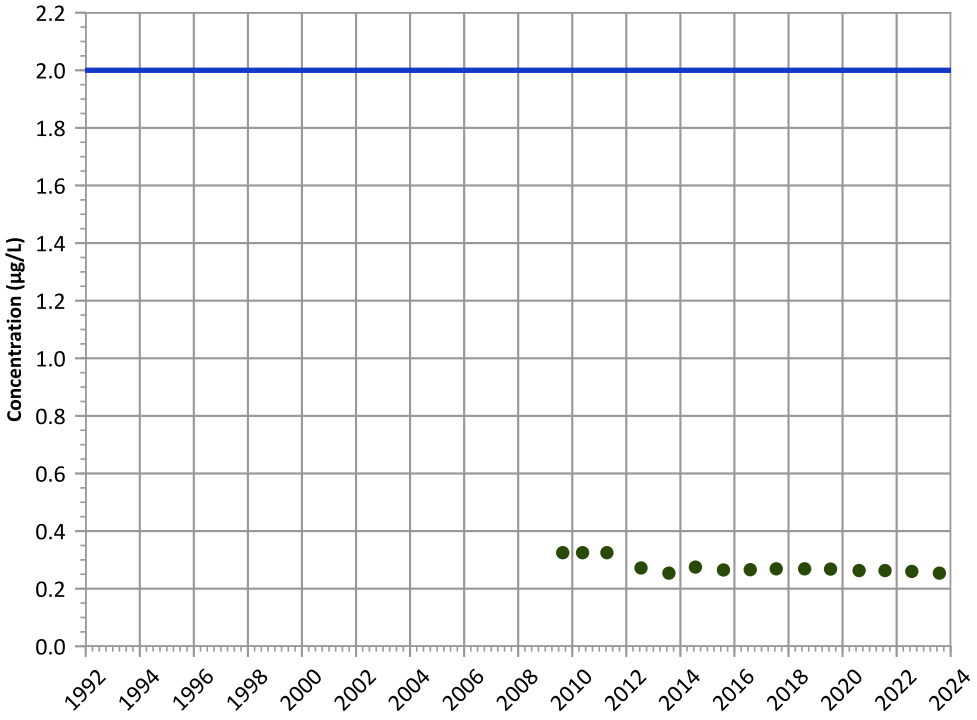
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

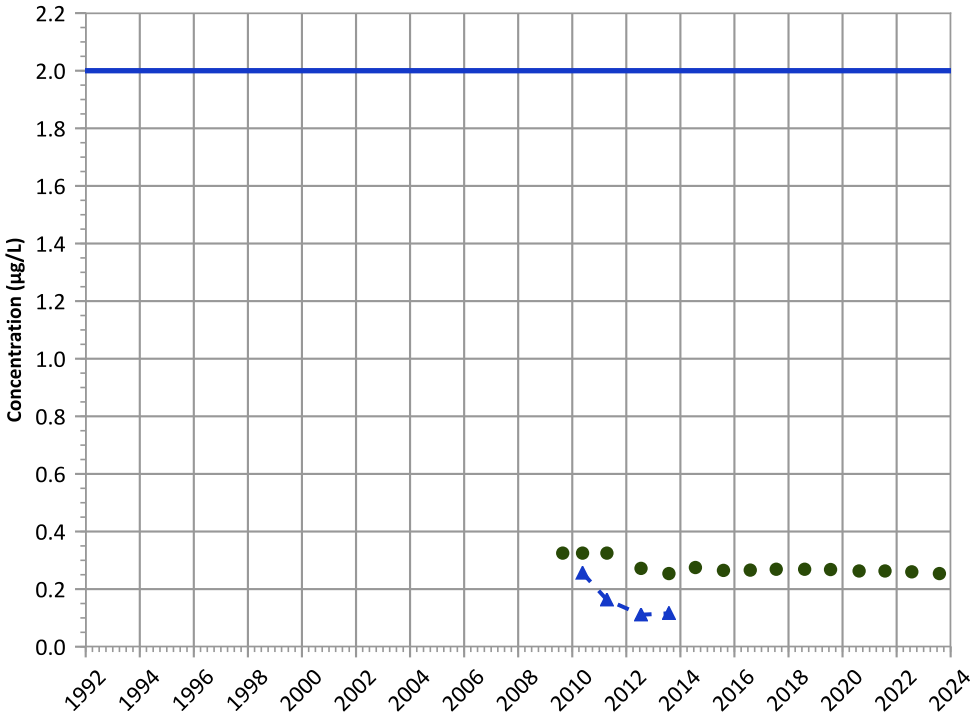


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

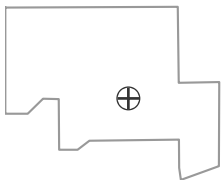
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

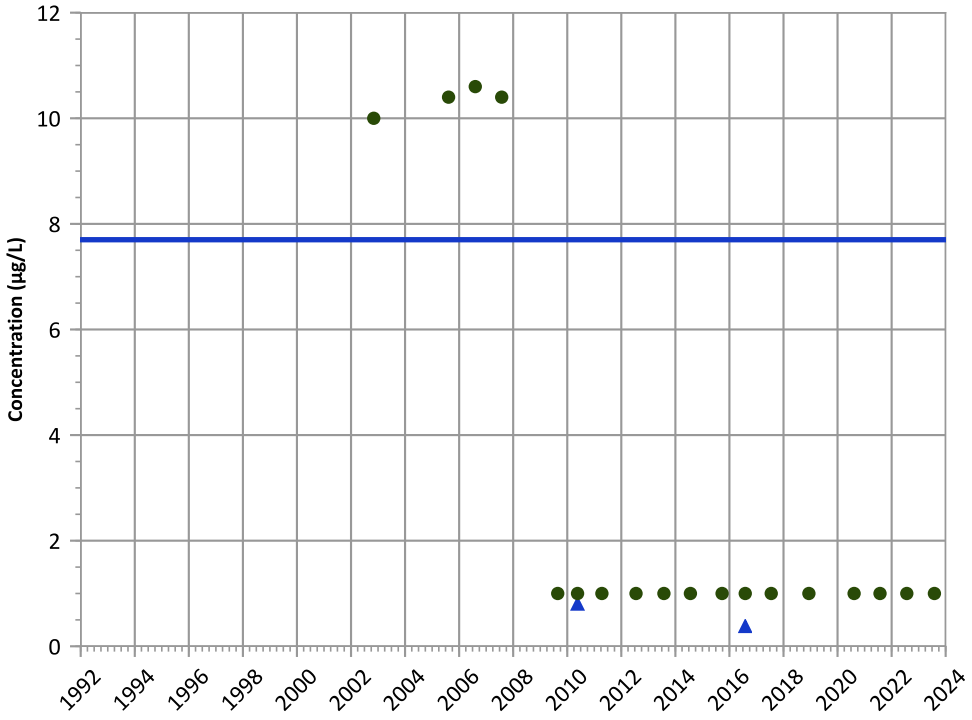
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

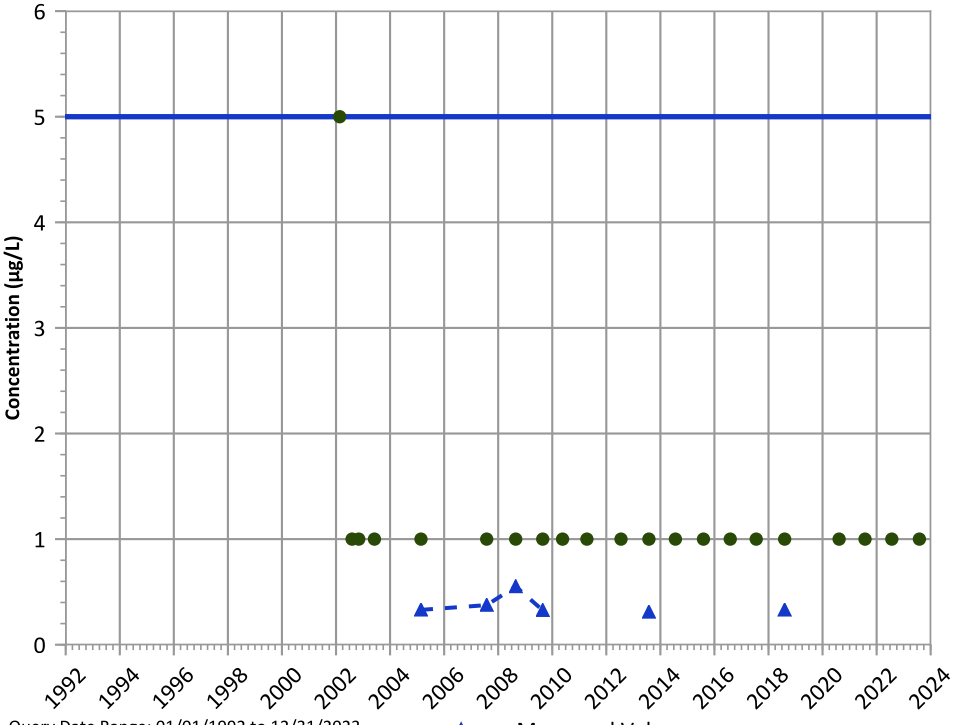


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

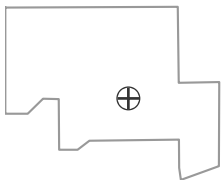
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

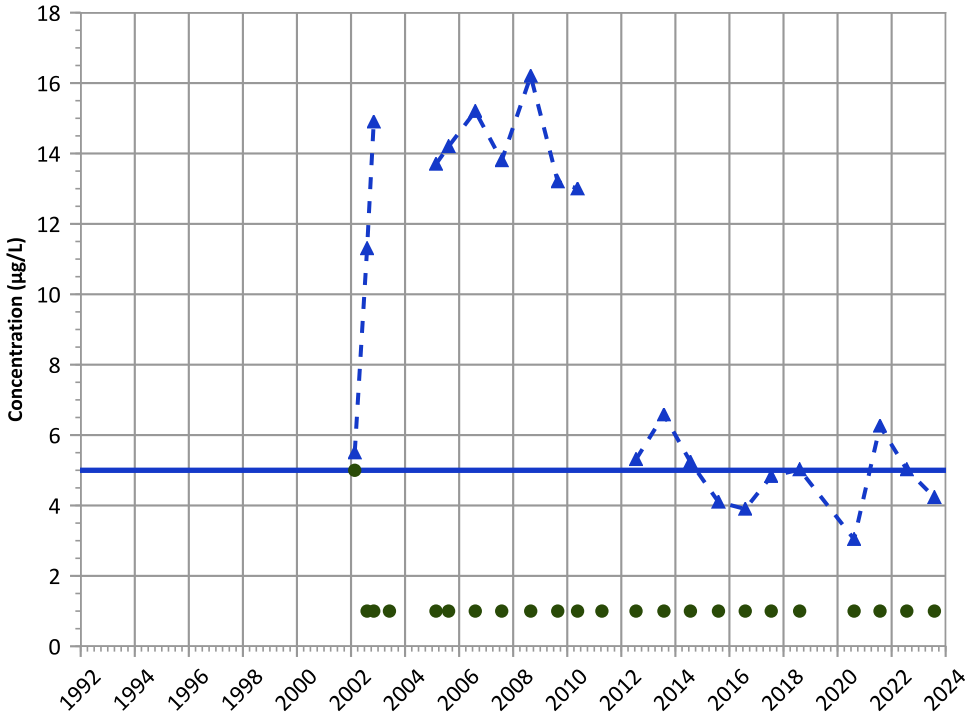
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

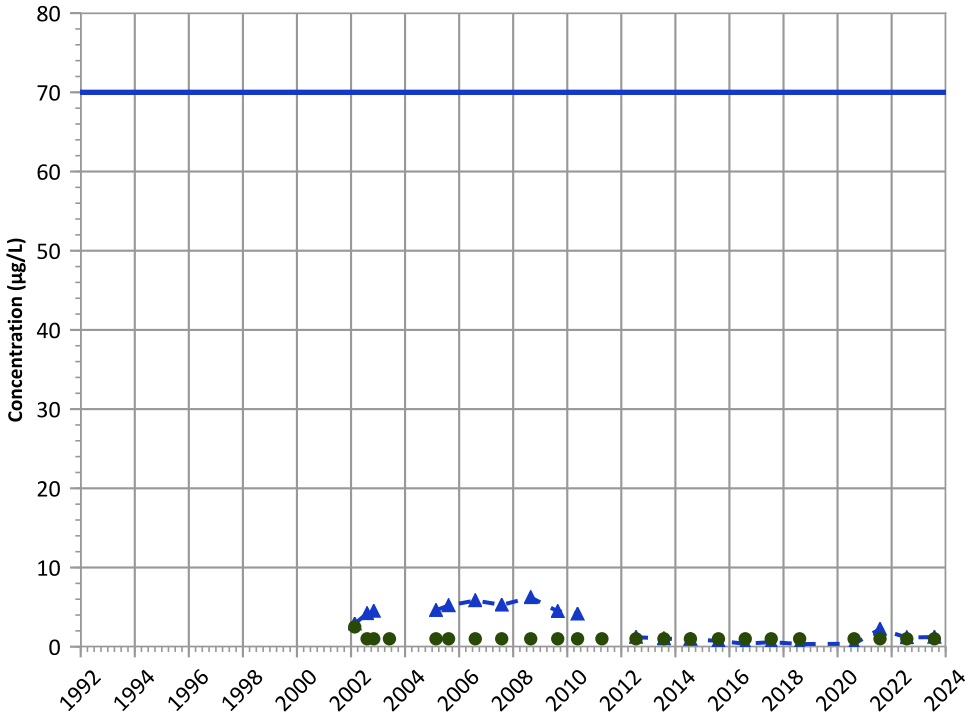


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

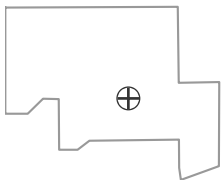
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

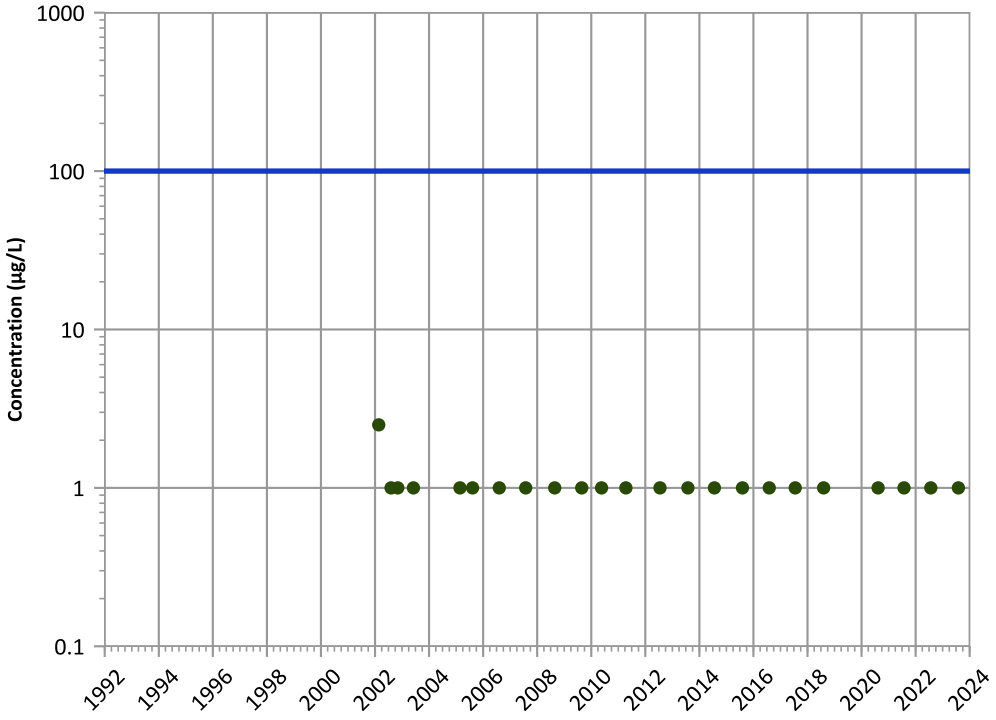
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

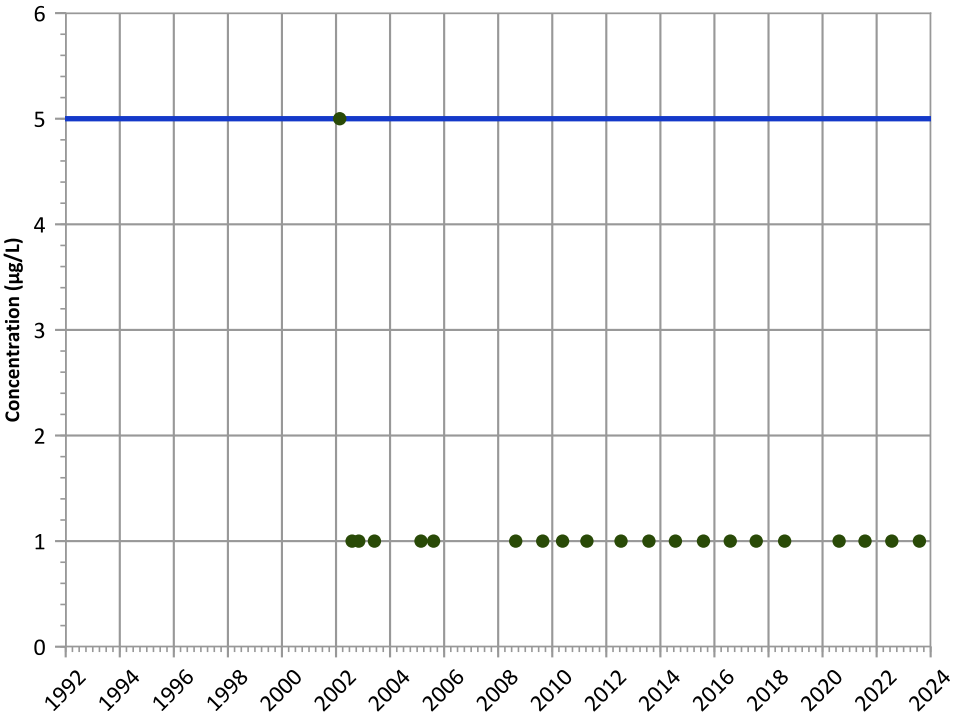


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

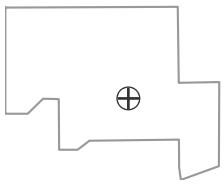
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

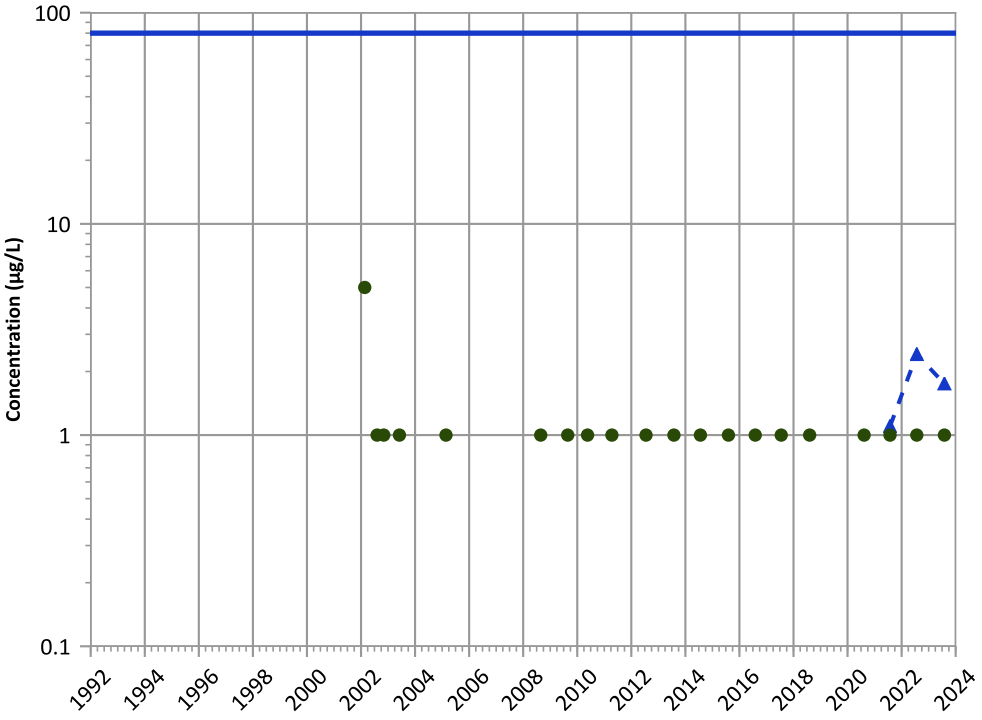
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

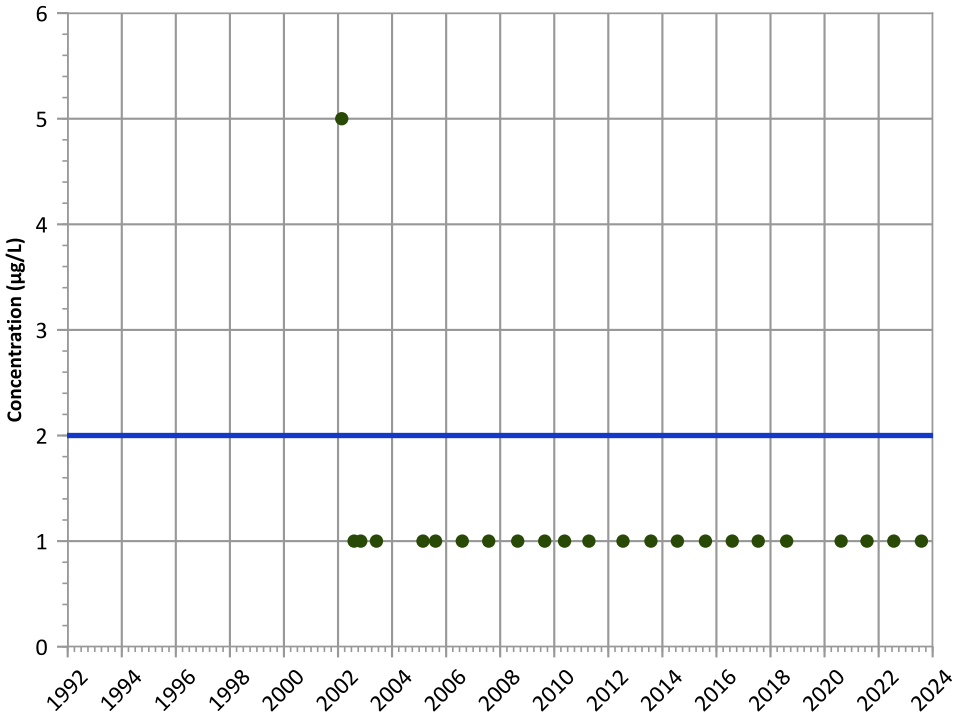


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

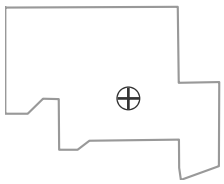
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

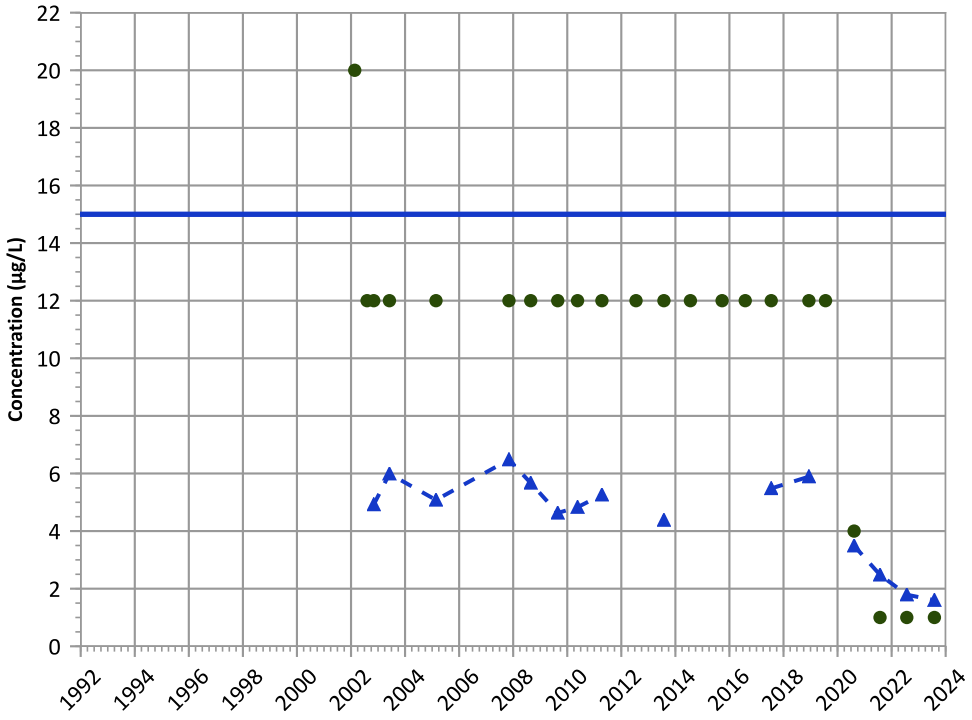
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

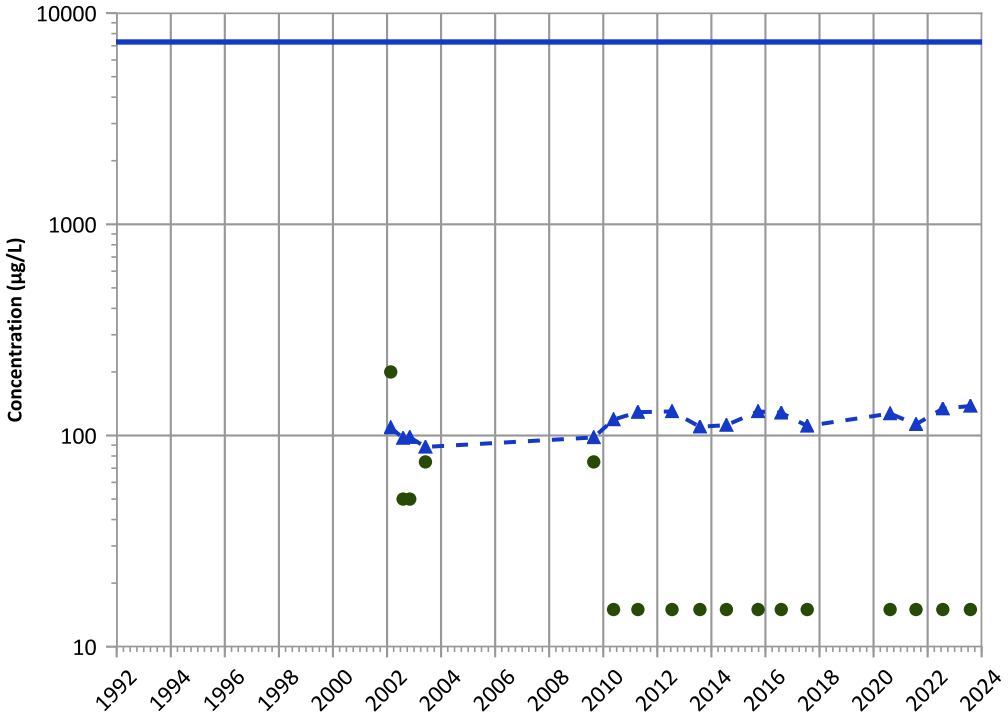


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Boron Trend



Concentration Trend

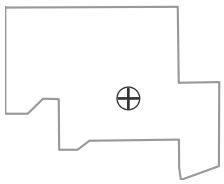
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

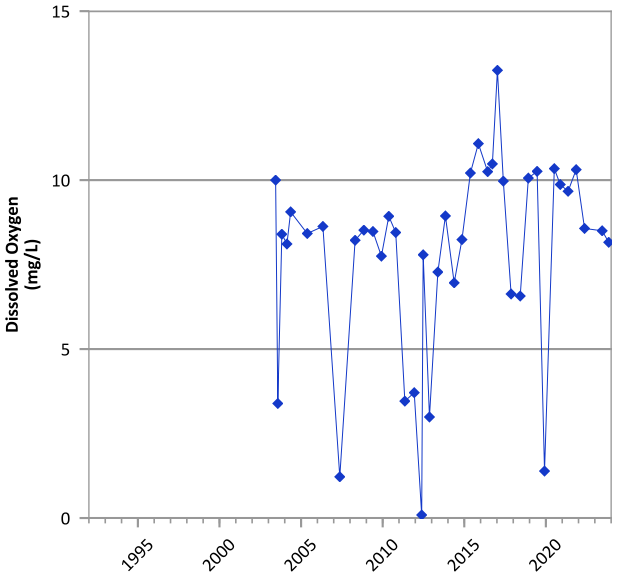
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2002 to 08/02/2023
Analysis Date: 04/01/2024

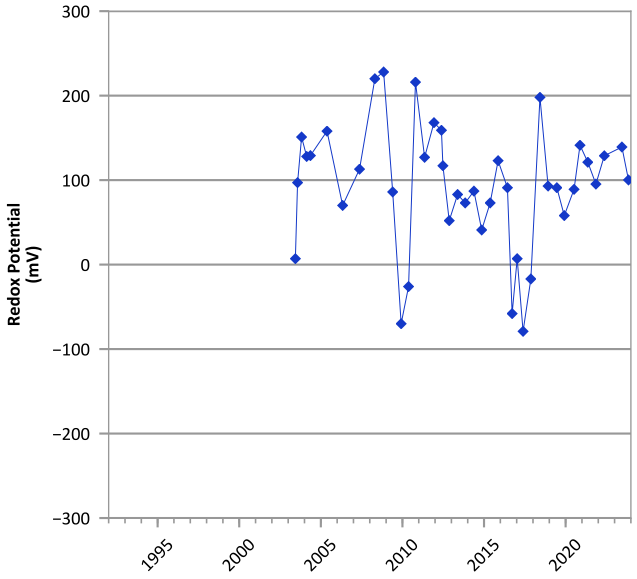
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

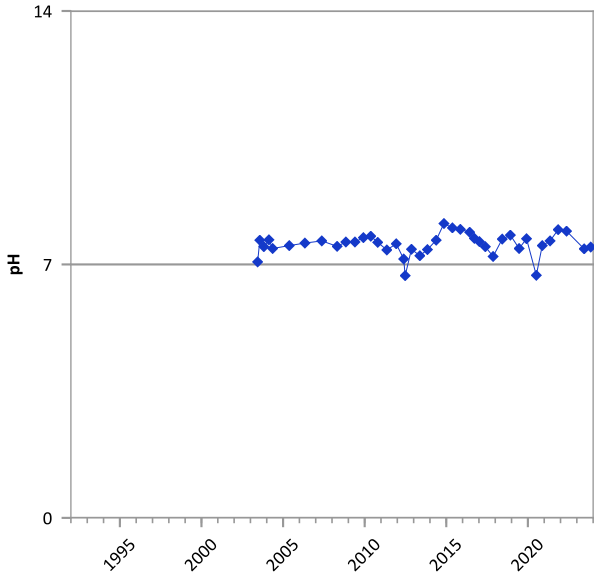
Well Location

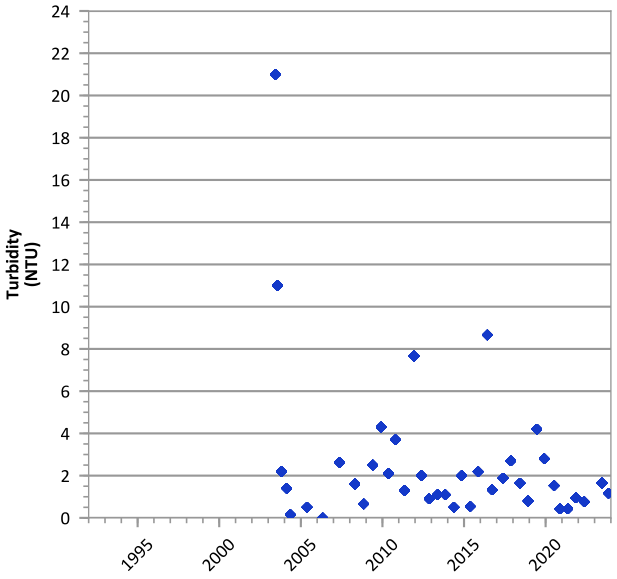


PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

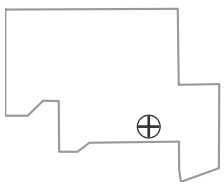






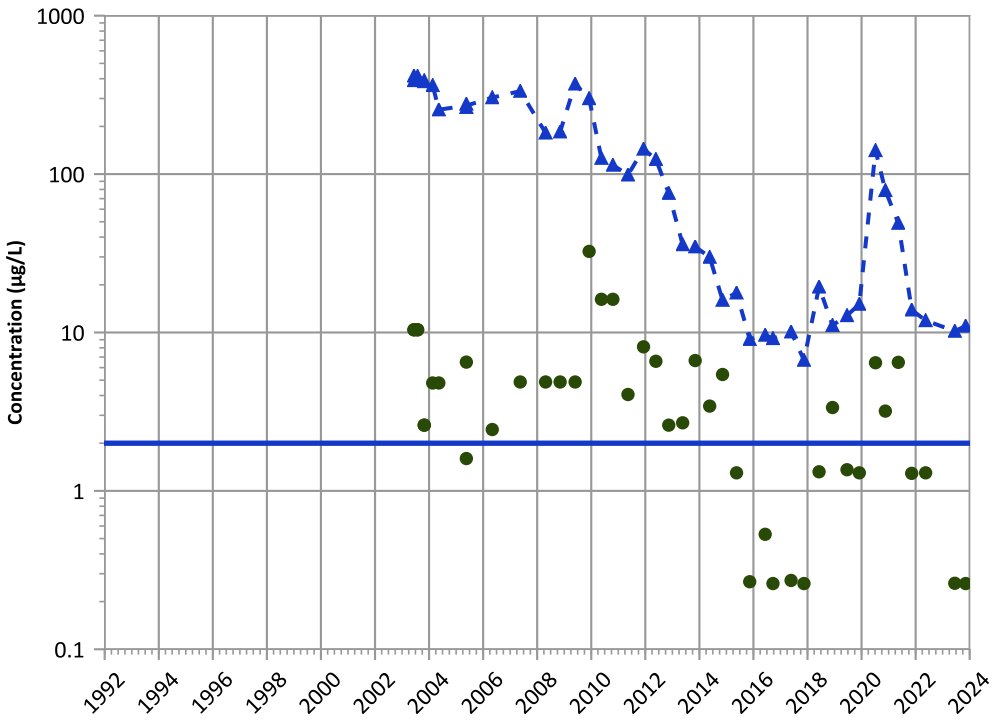


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

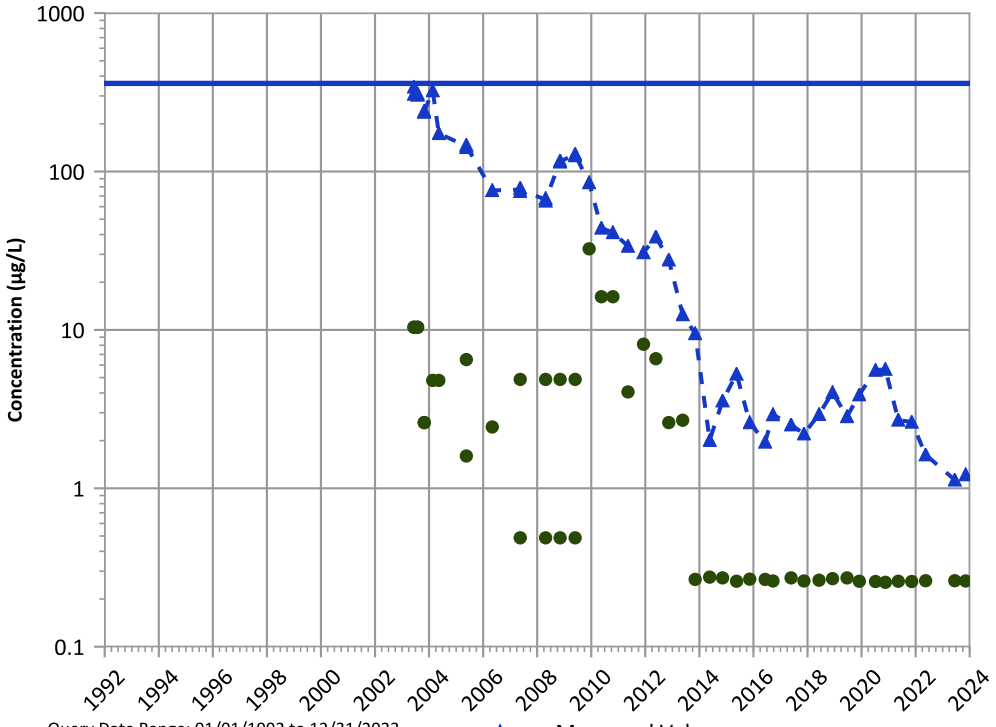


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

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



Concentration Trend

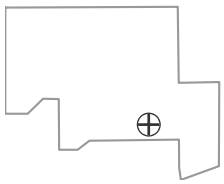
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

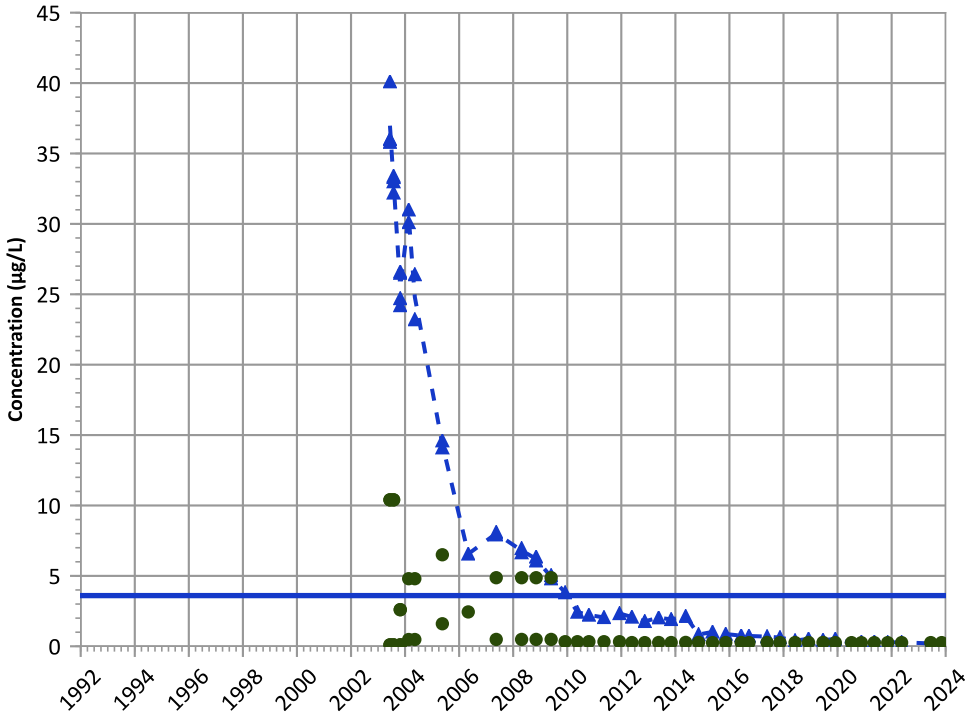
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

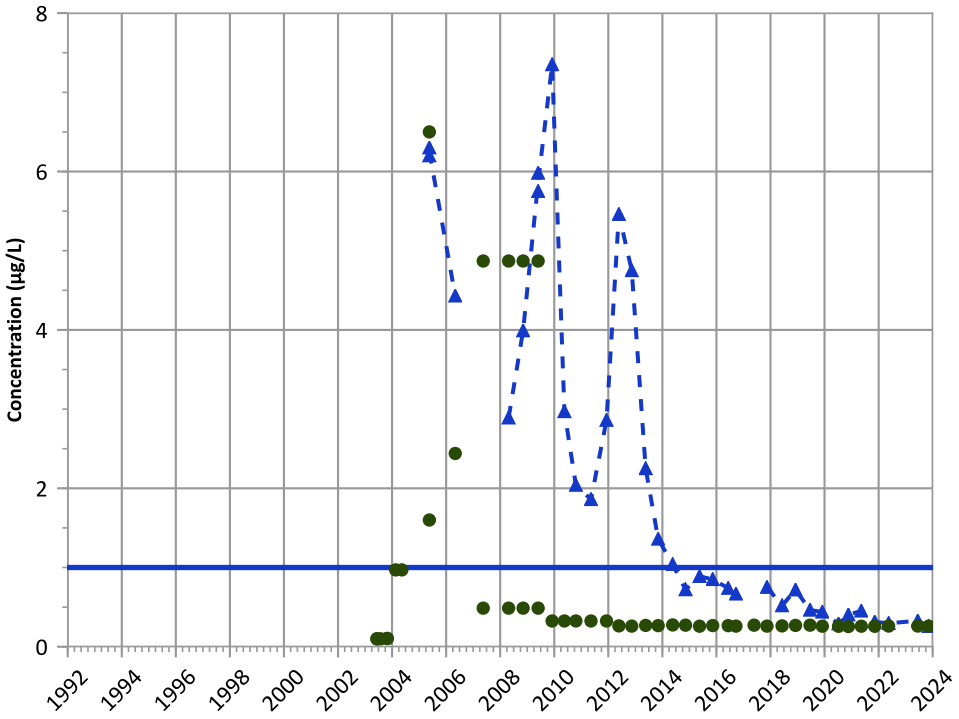


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

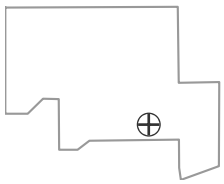
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

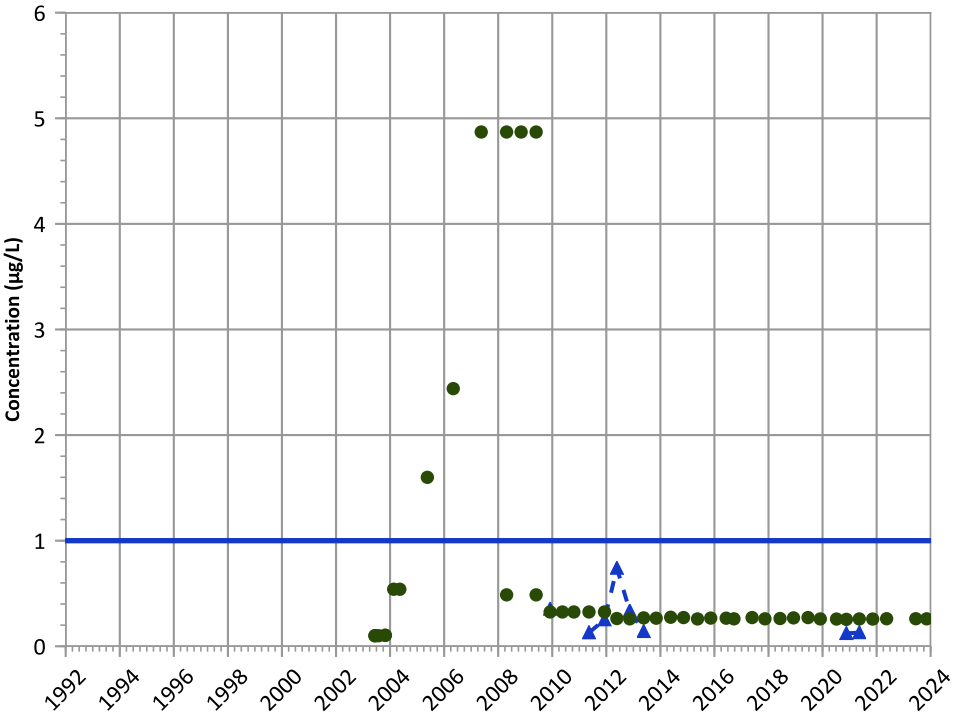
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

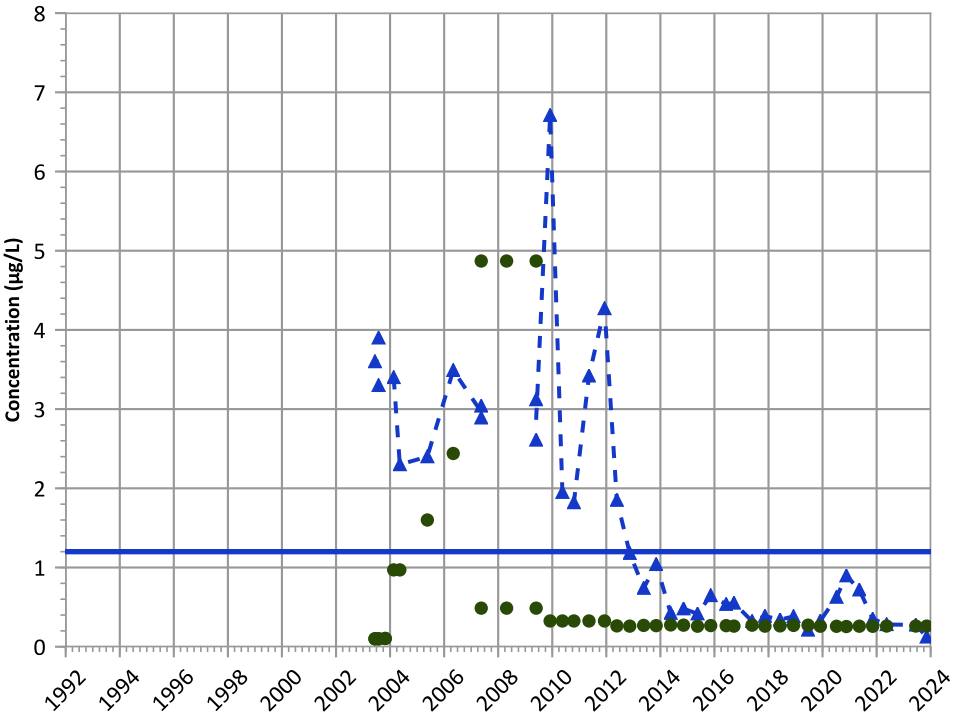


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

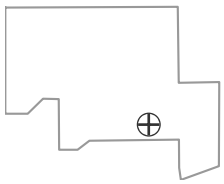
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

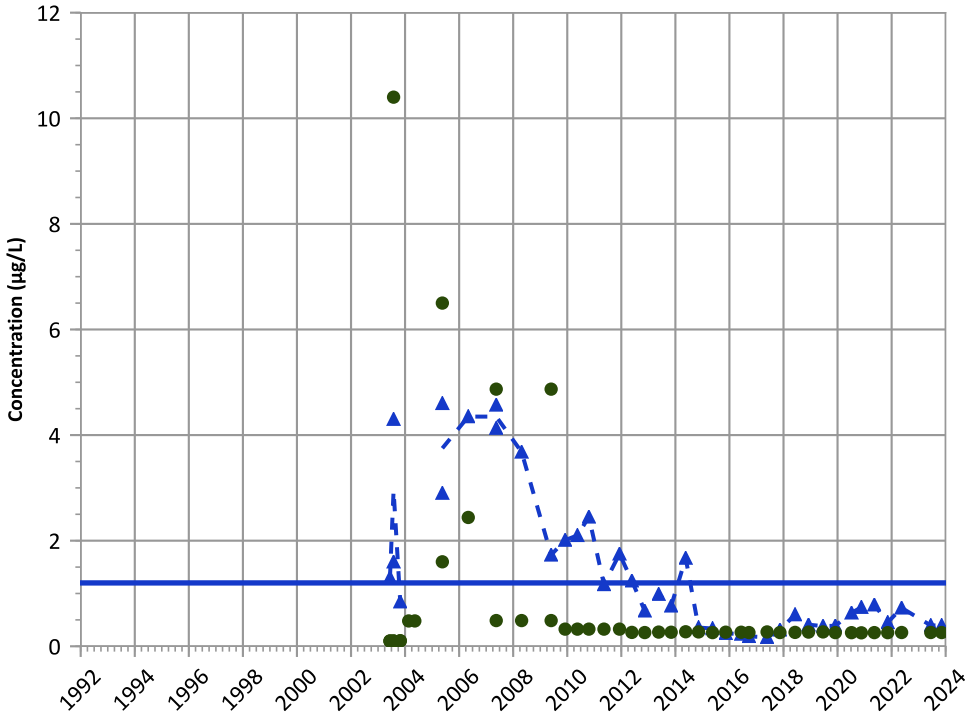
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

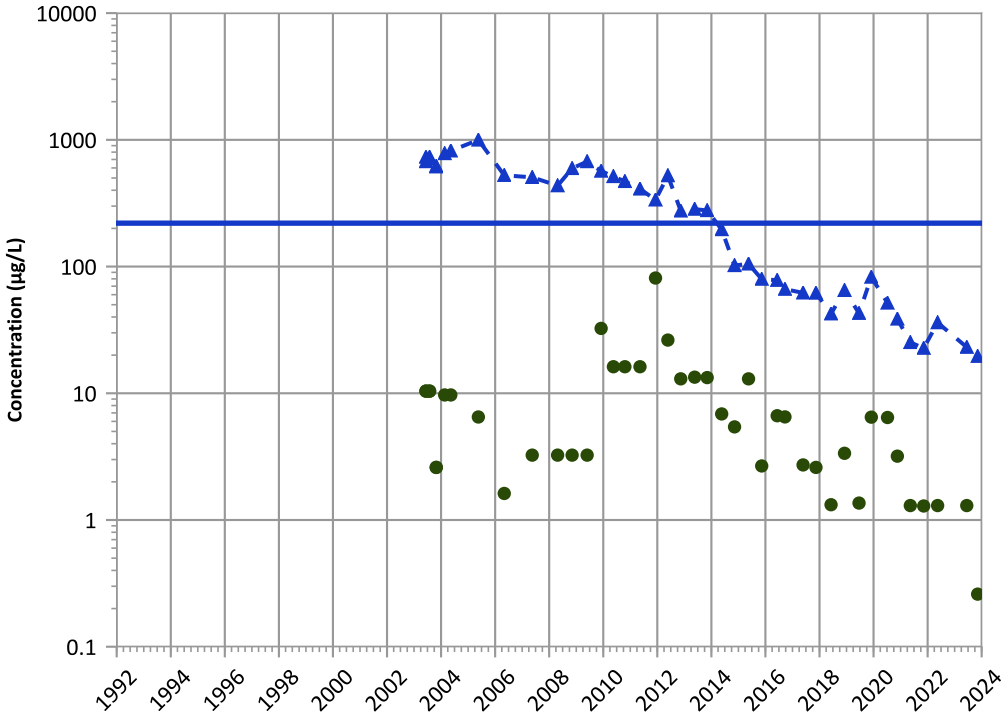


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

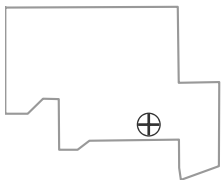
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

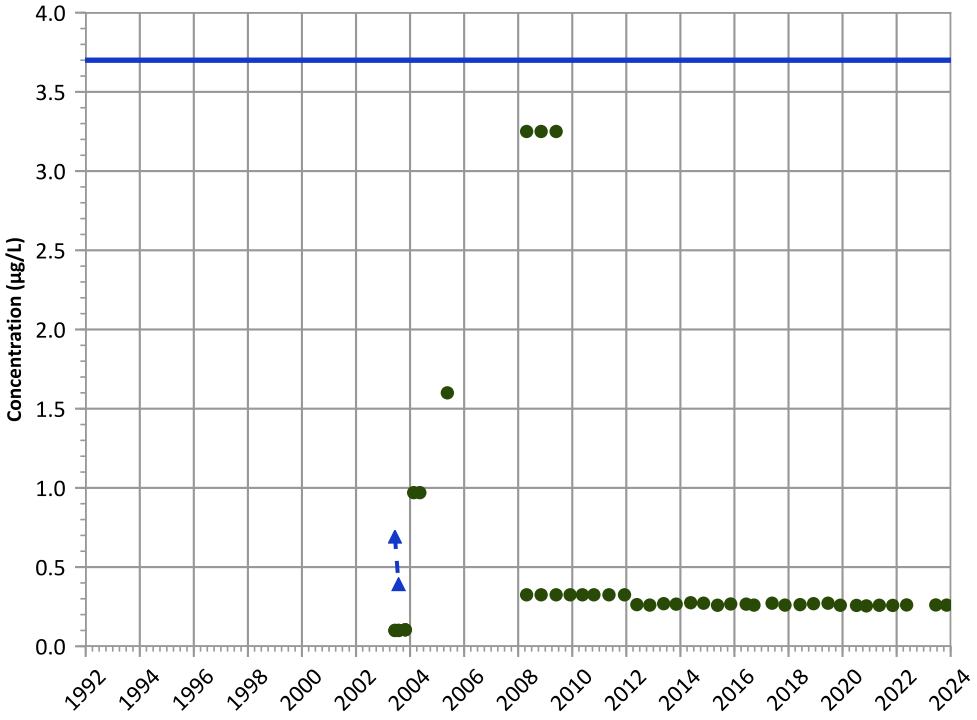
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

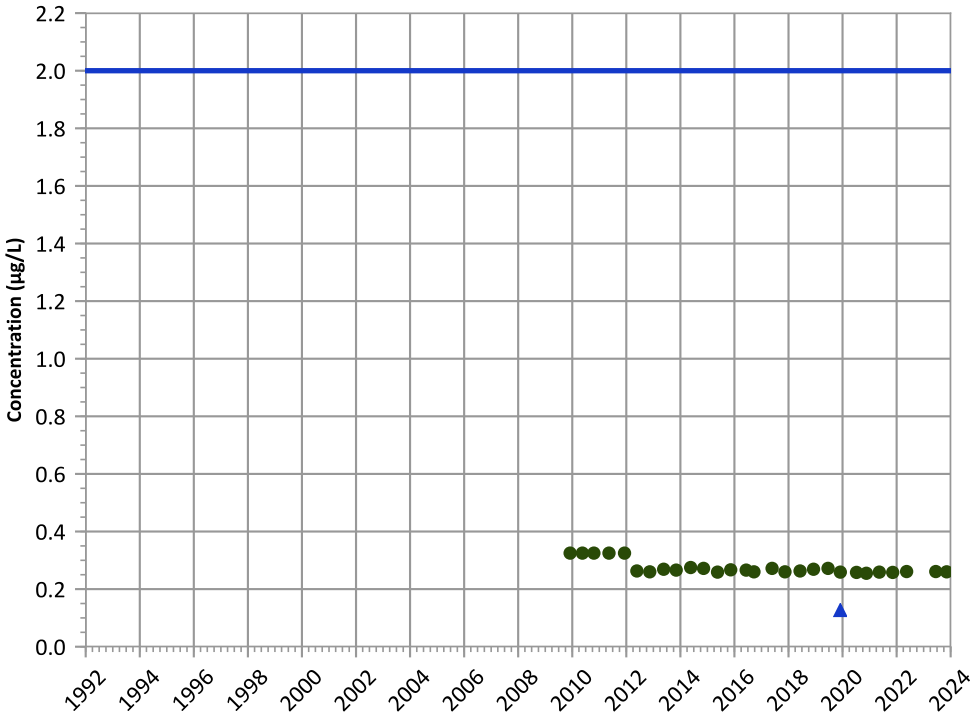


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

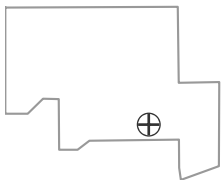
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

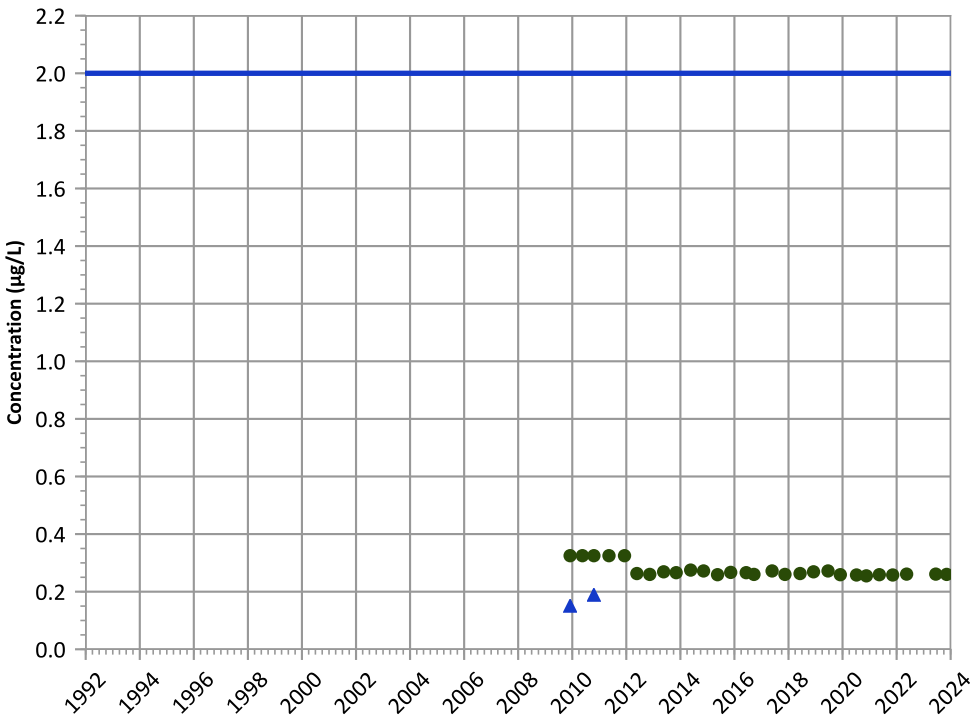
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

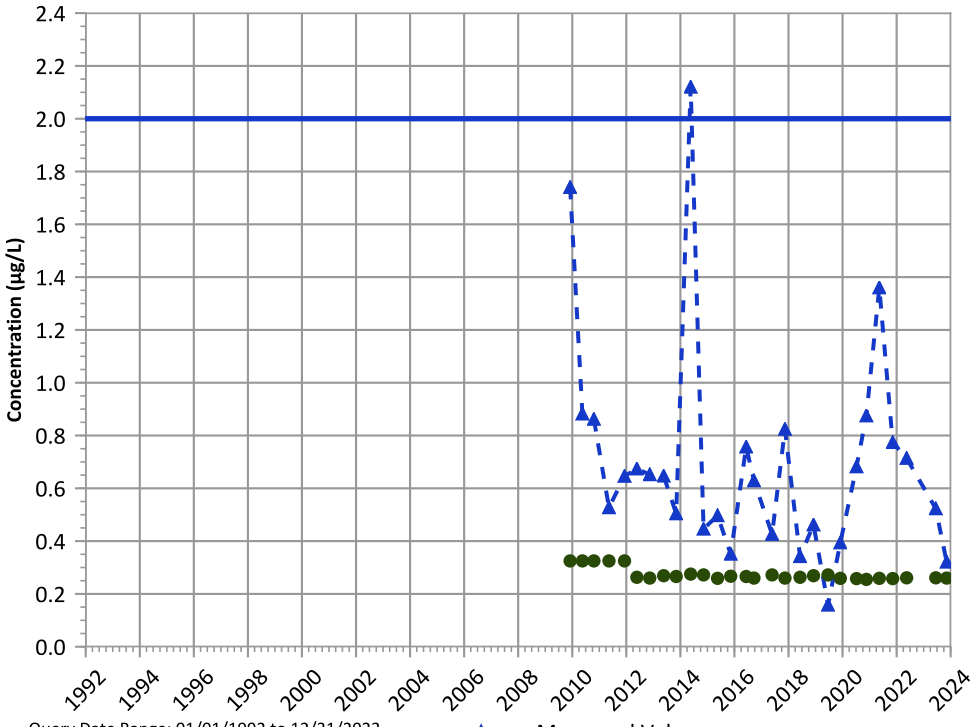


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

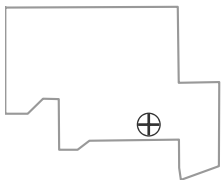
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

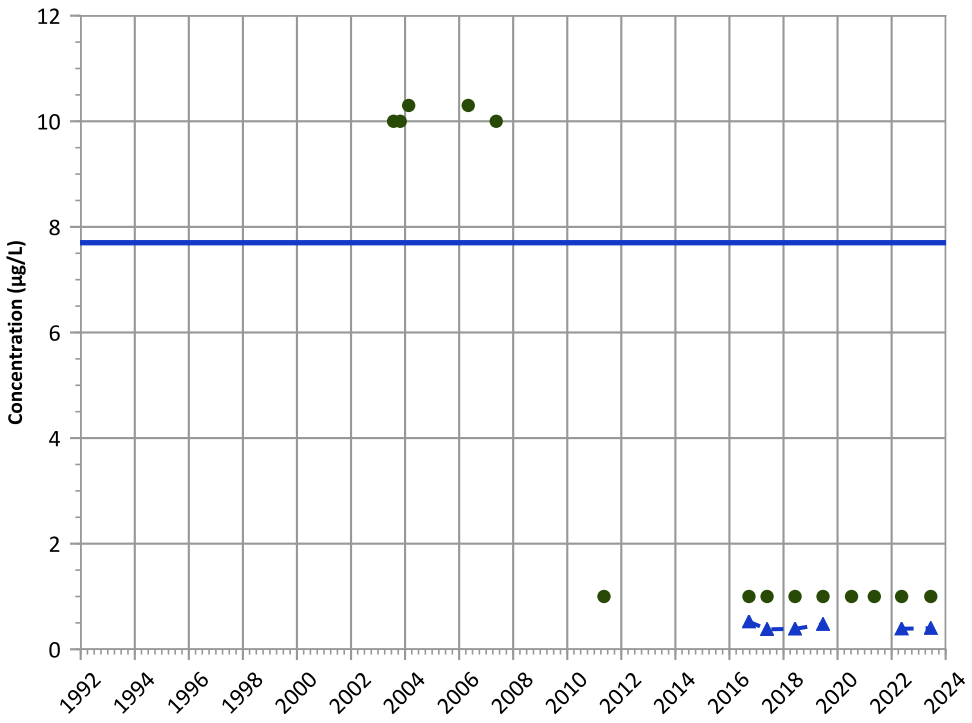
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

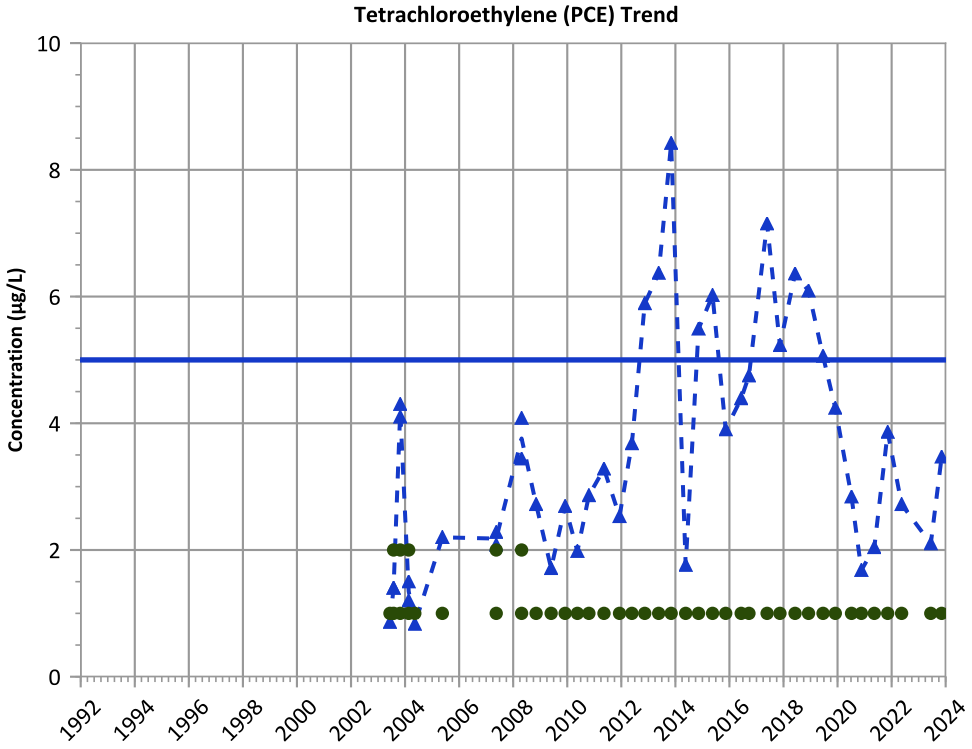


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

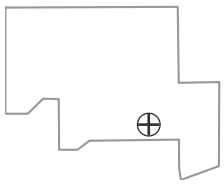
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

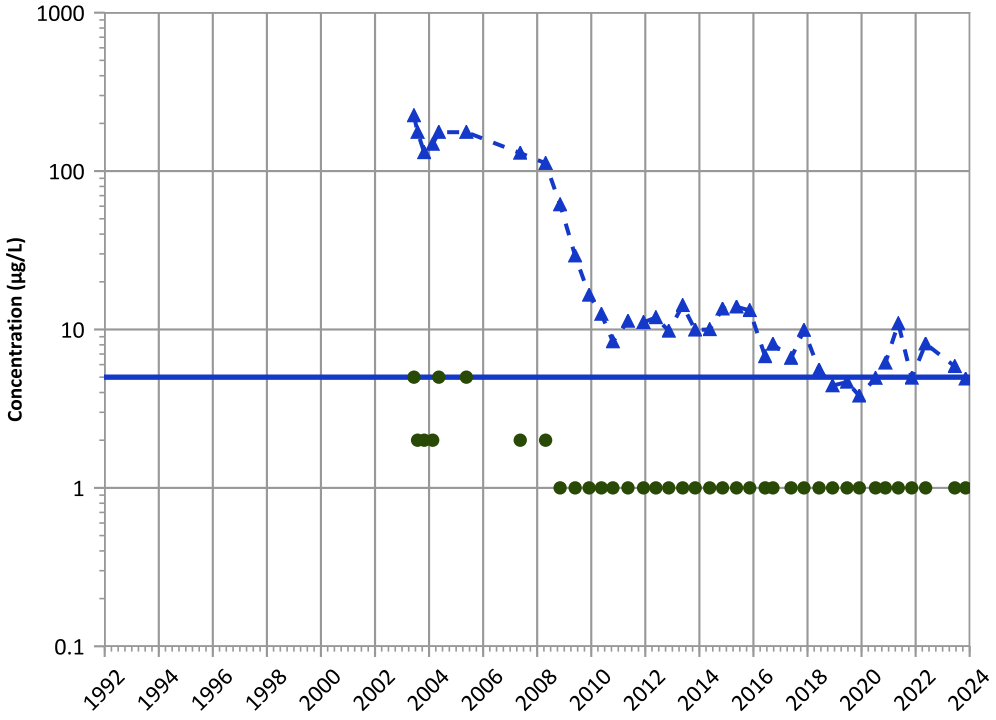
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

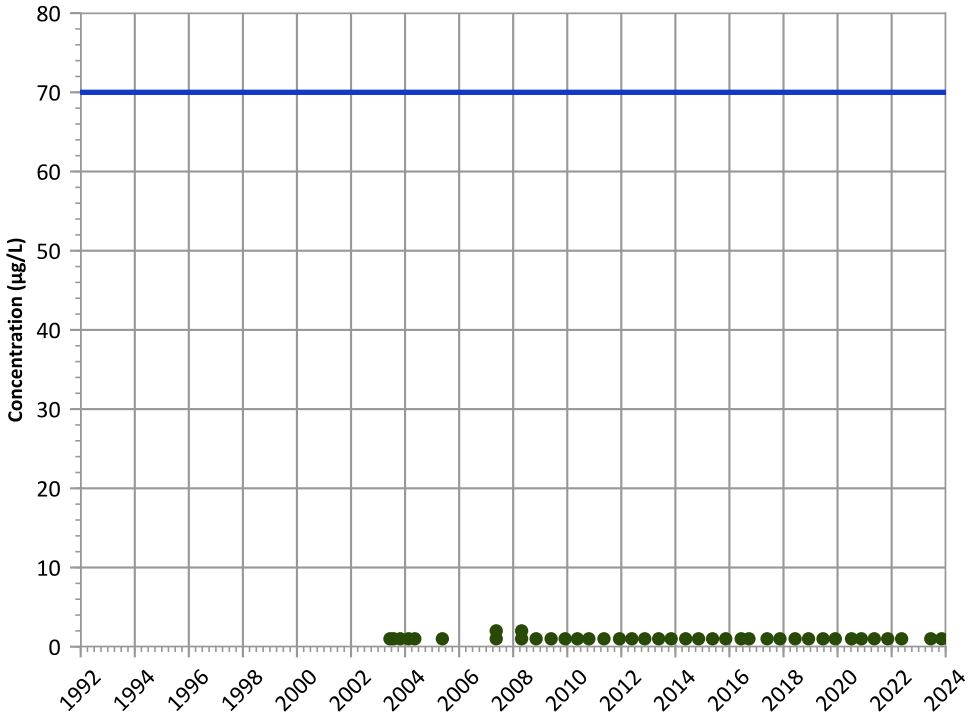
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



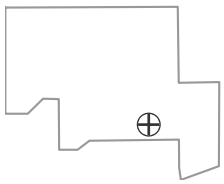
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

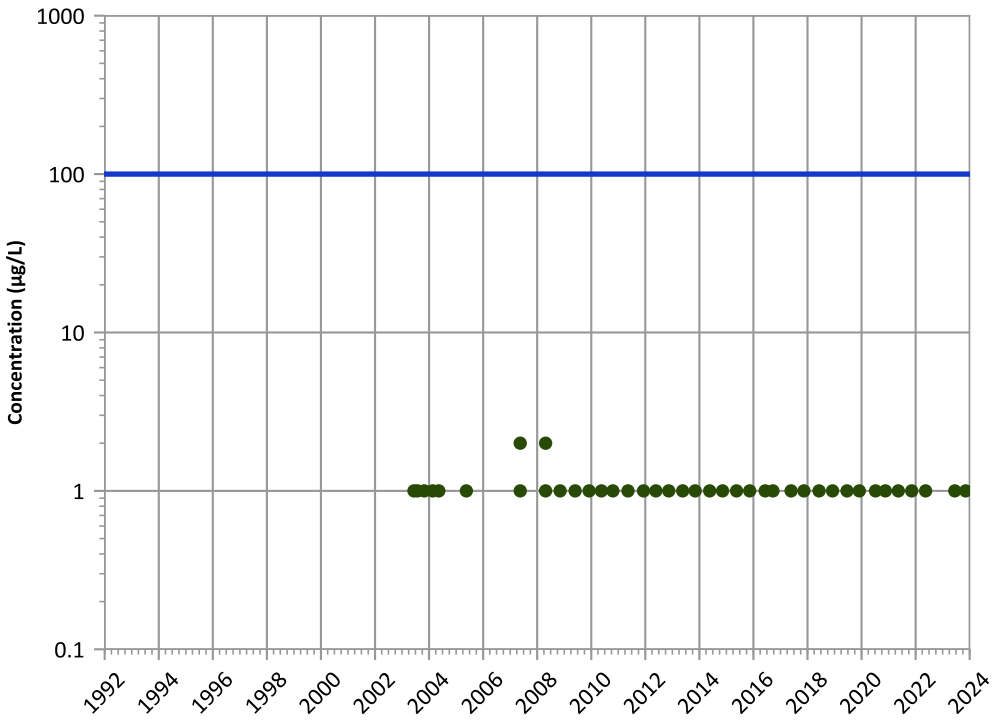
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

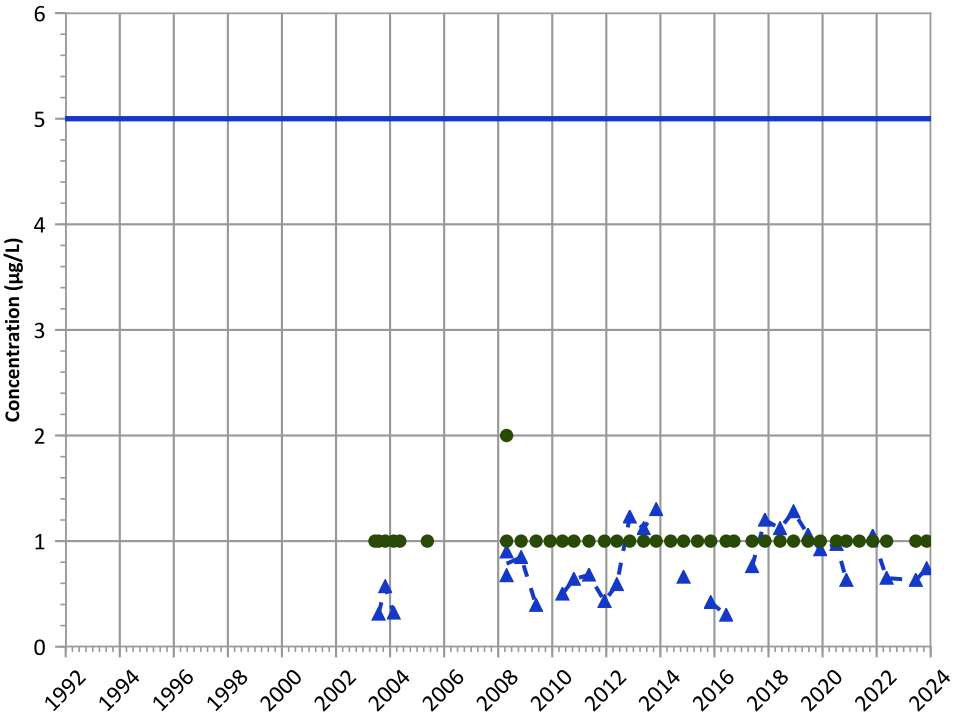


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

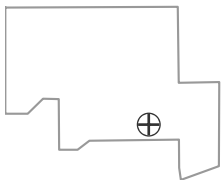
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

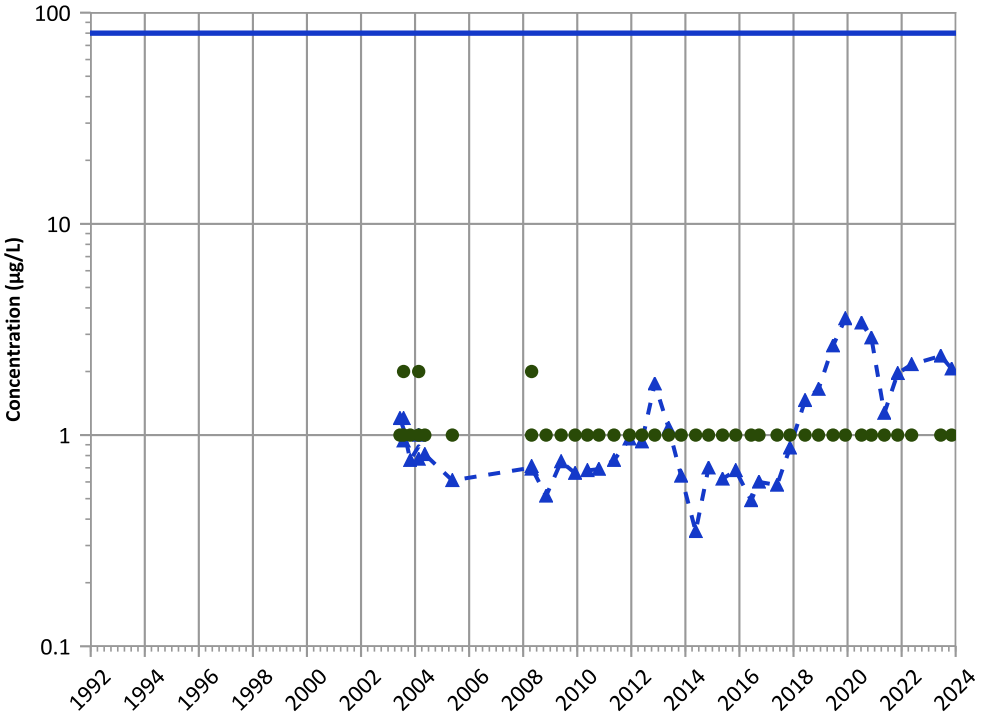
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

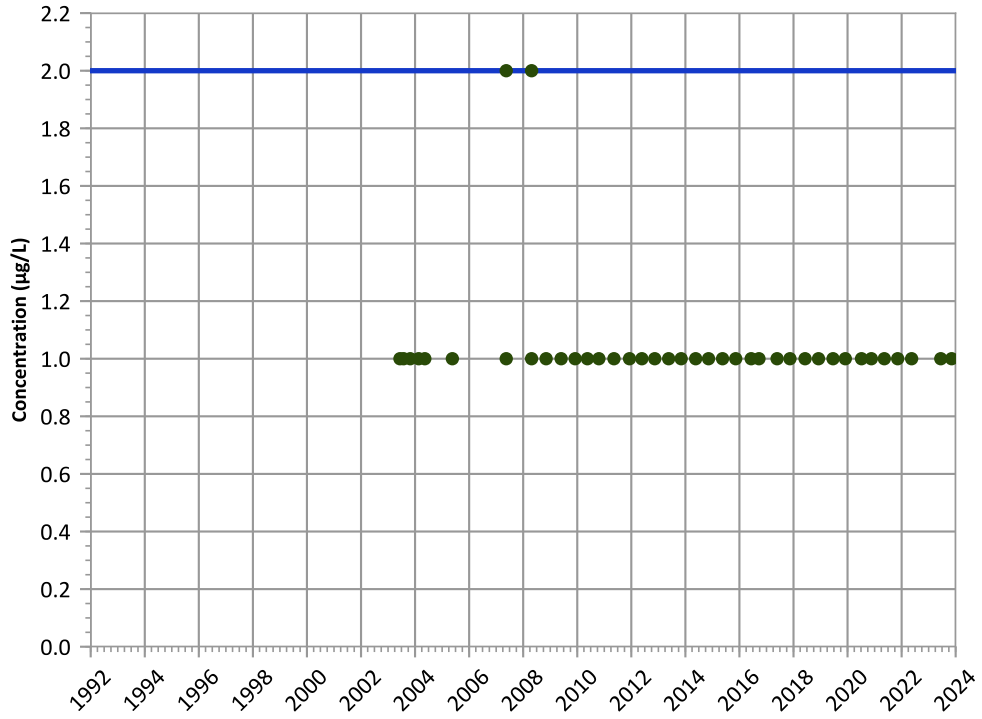
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



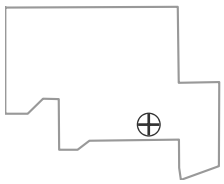
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

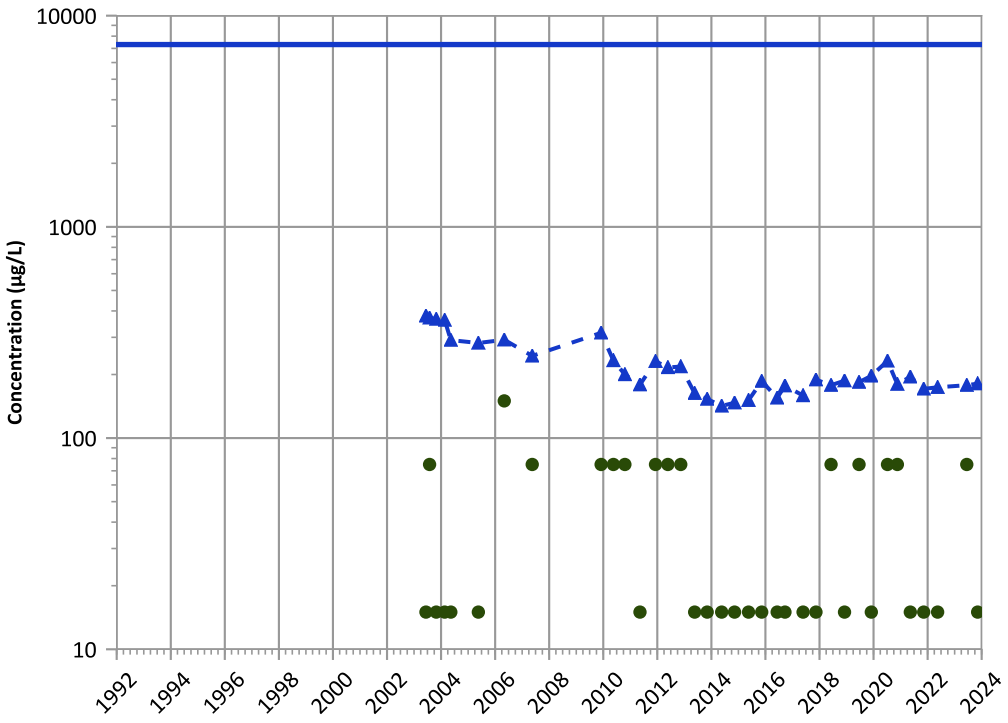
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

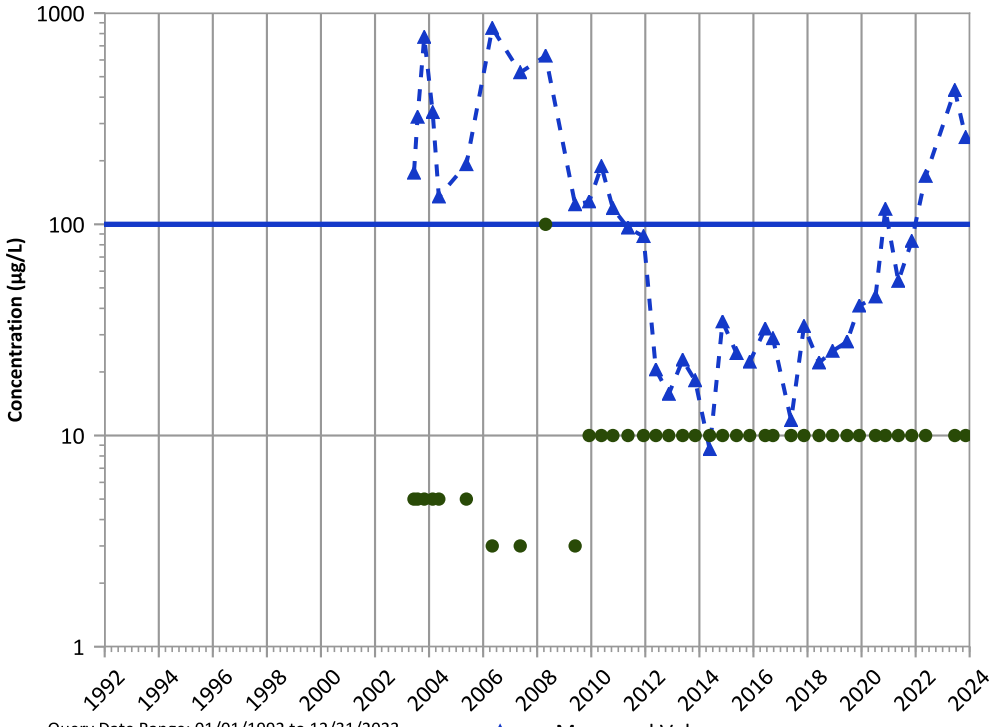


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Chromium, Total Trend



Concentration Trend

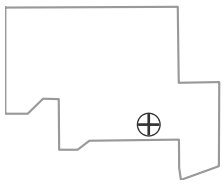
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

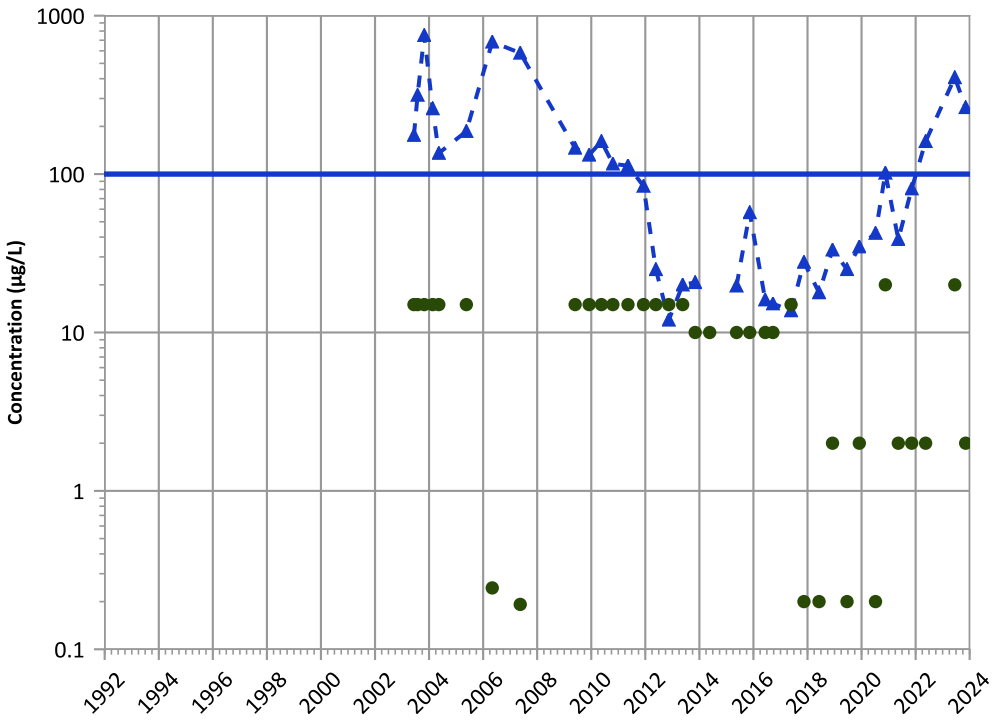
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

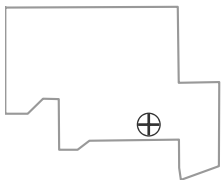
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

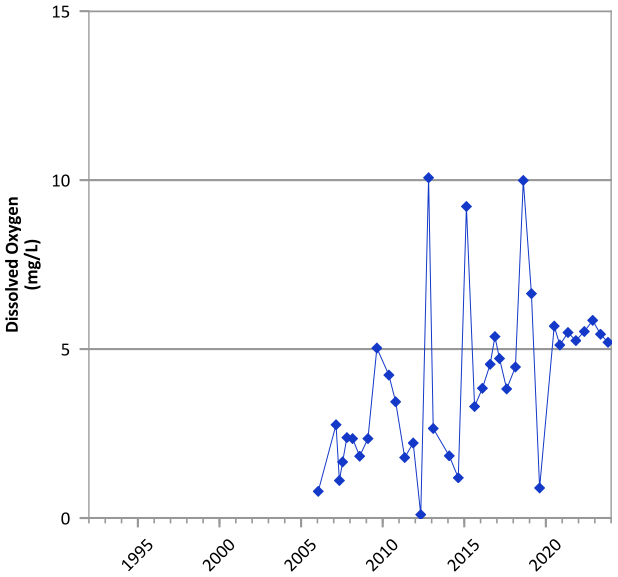
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/11/2003 to 11/08/2023
Analysis Date: 04/01/2024

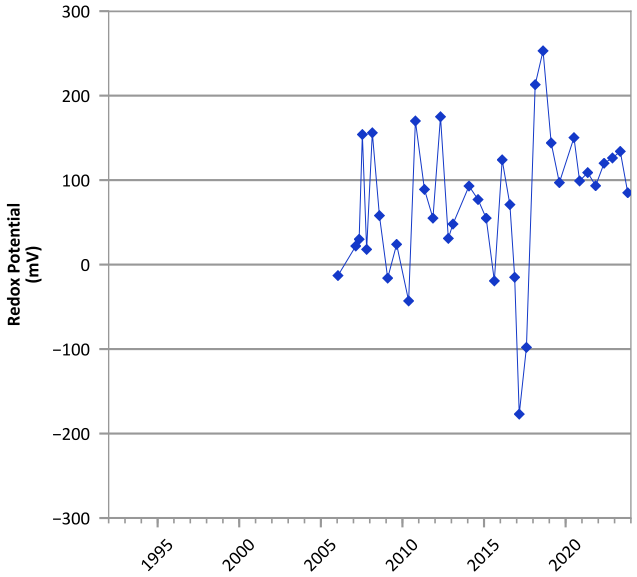
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

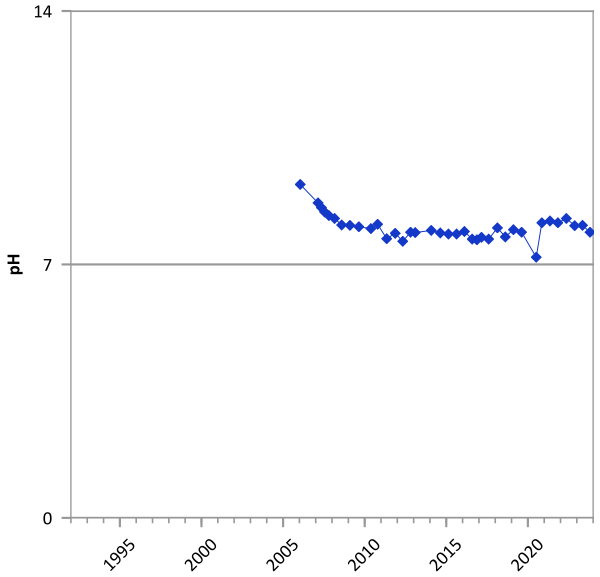
Well Location

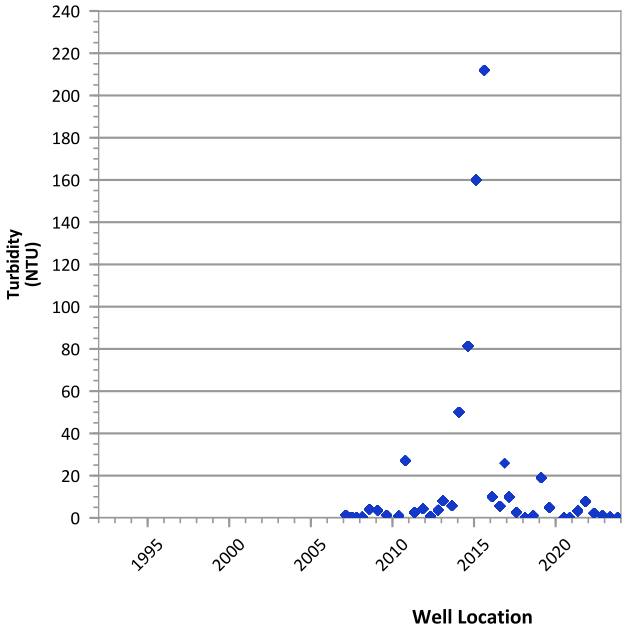


PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

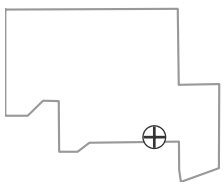






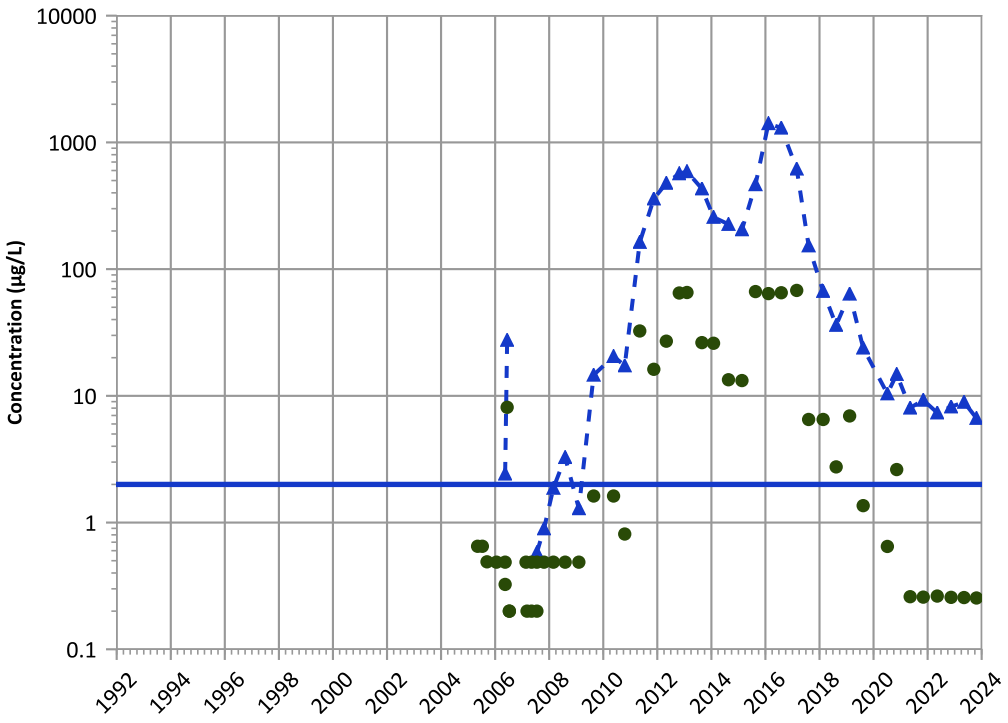


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

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

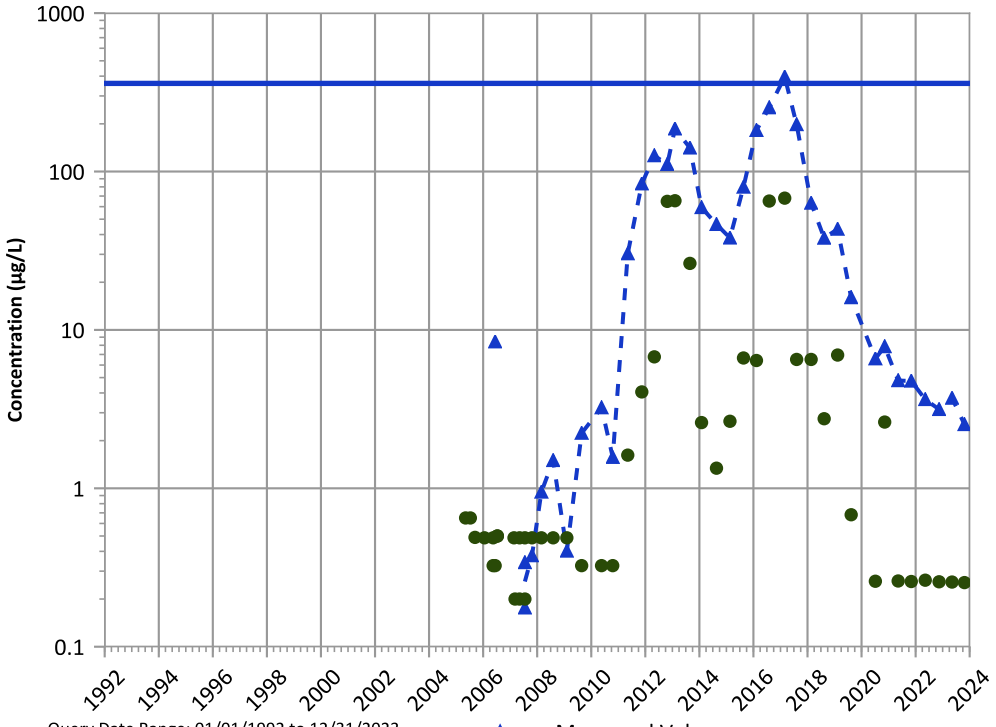


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

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



Concentration Trend

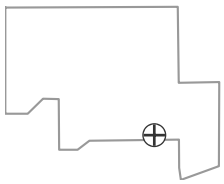
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

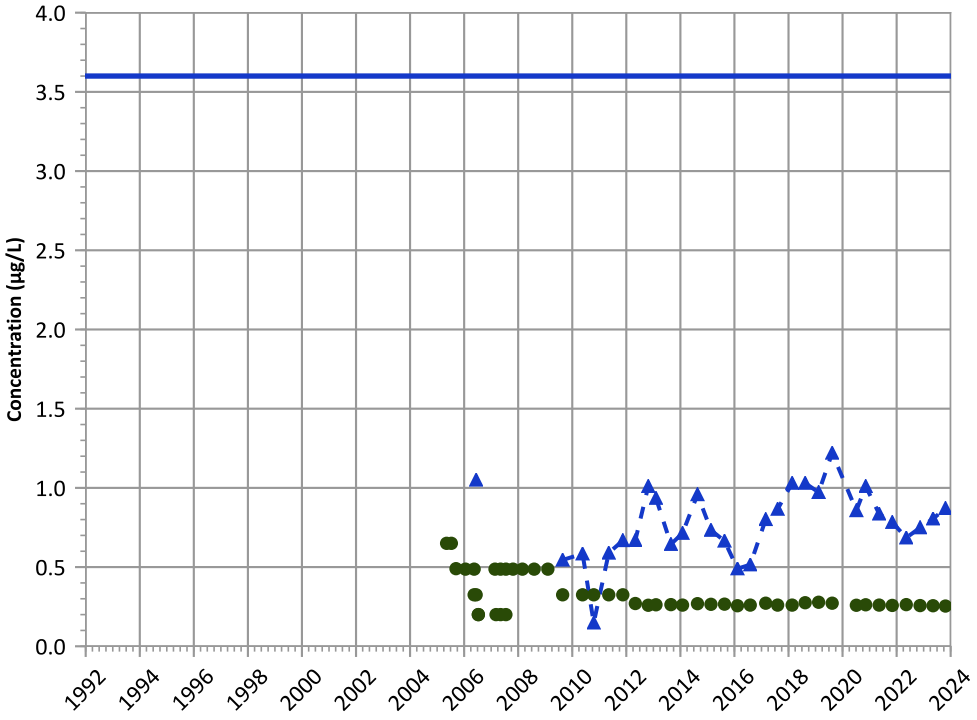
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

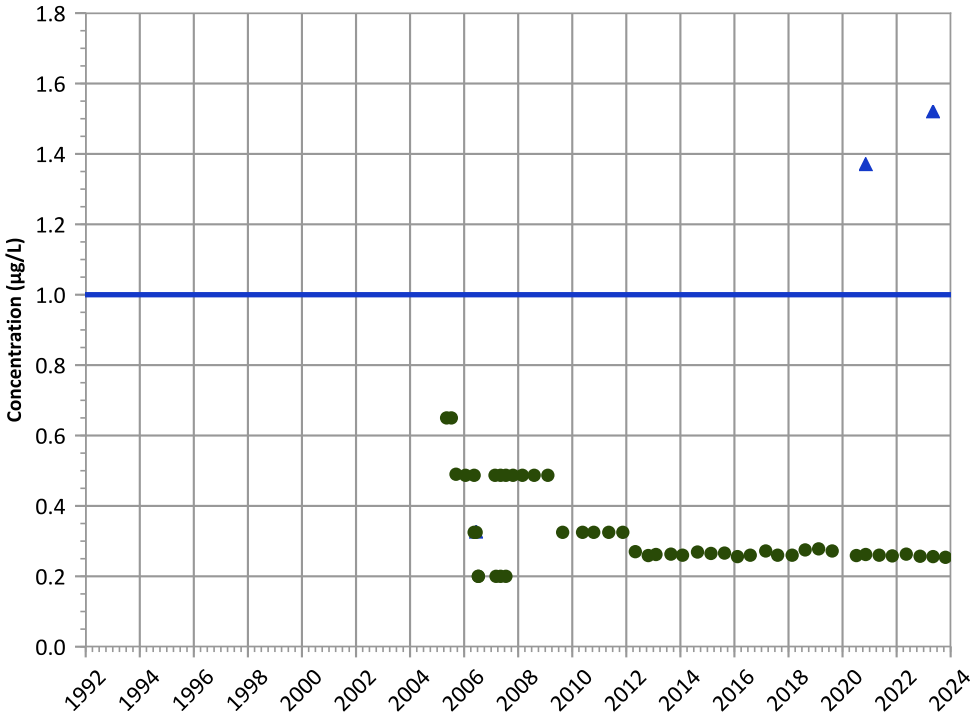


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

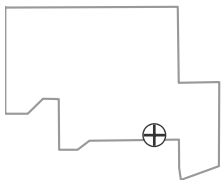
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

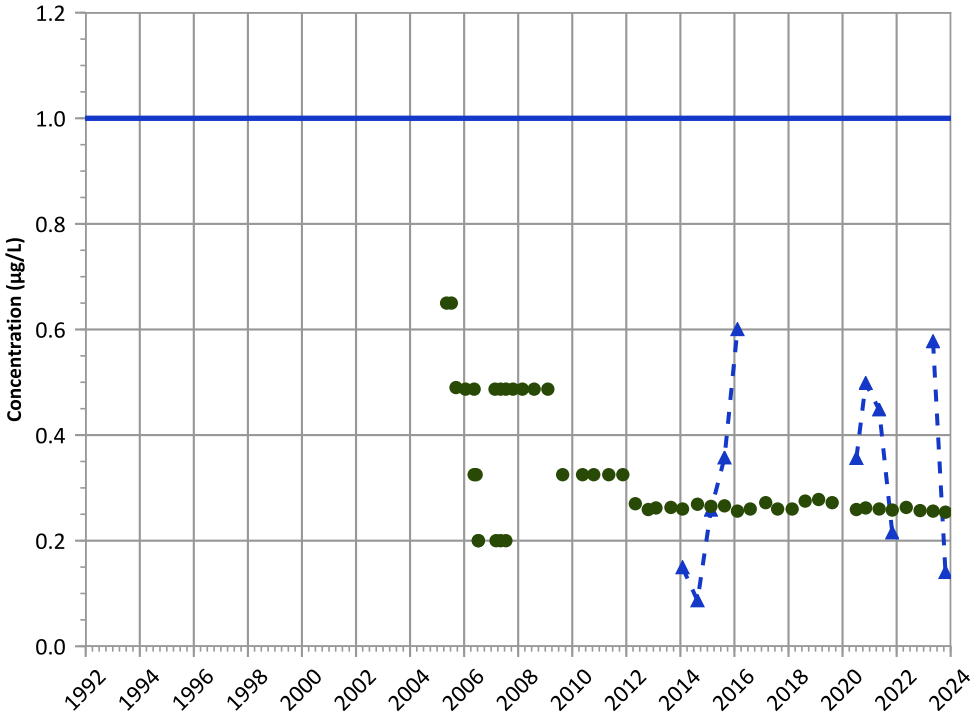
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

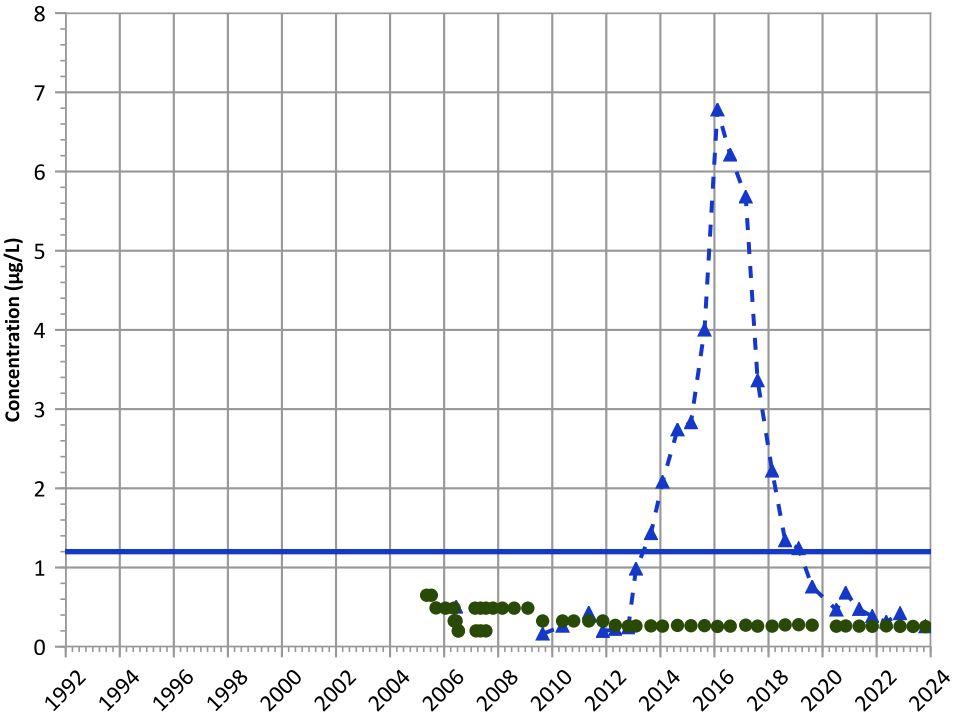


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

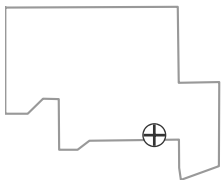
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

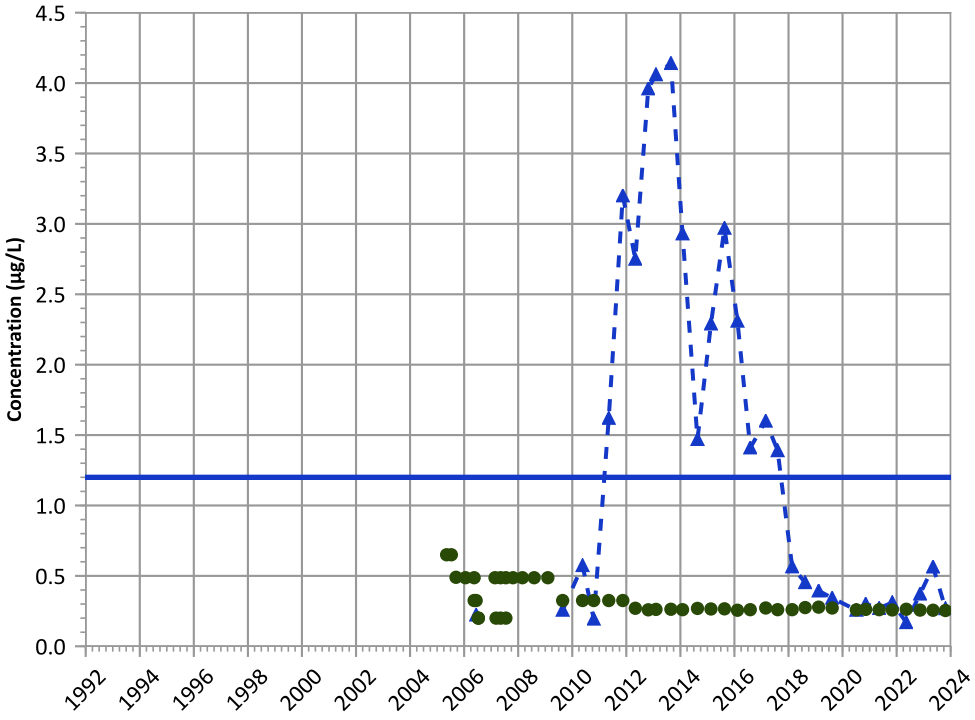
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

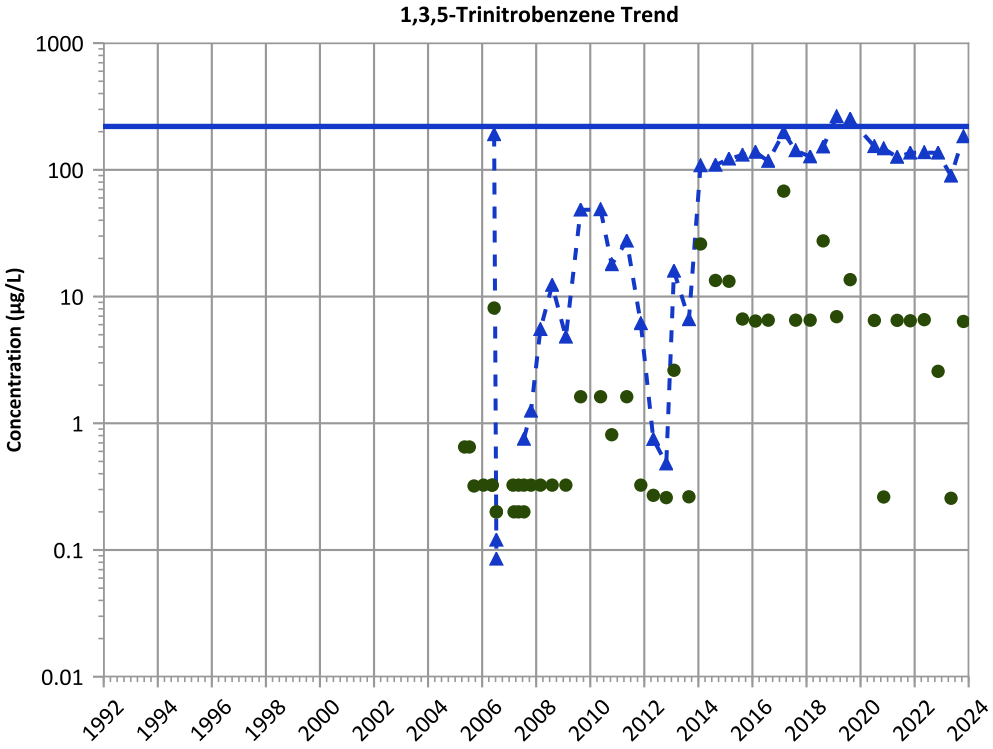


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

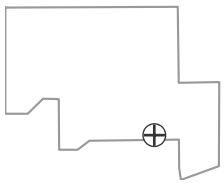
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

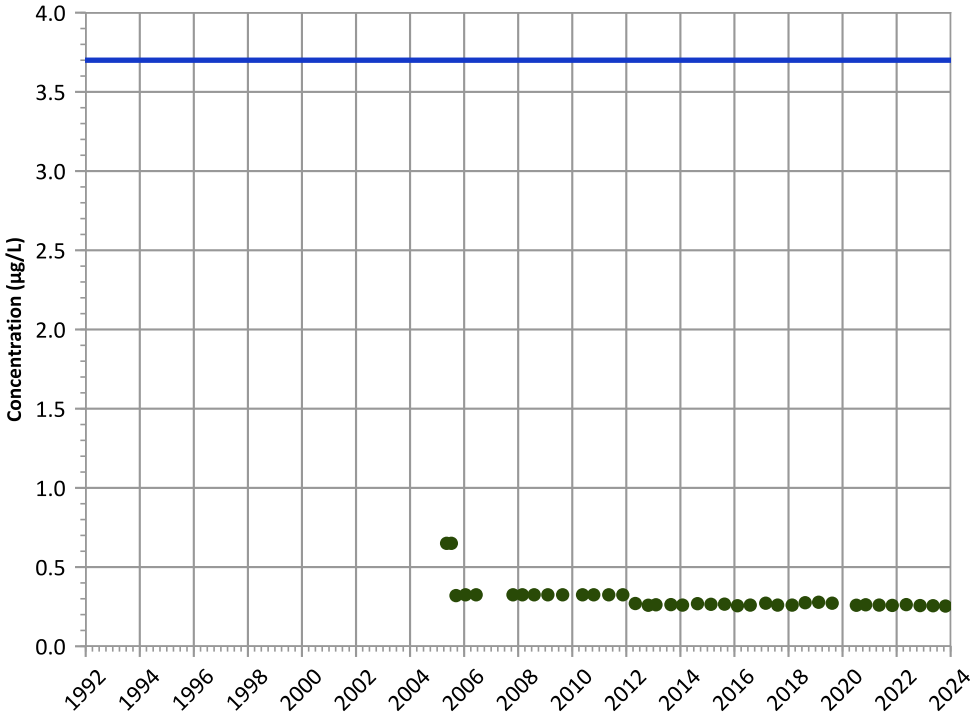
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

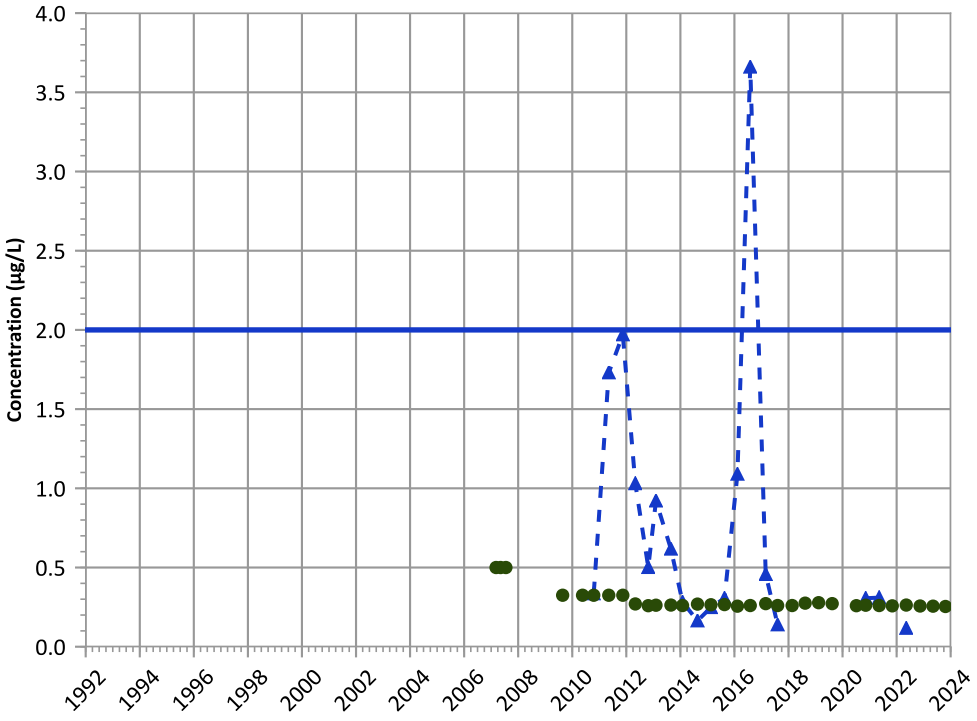


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

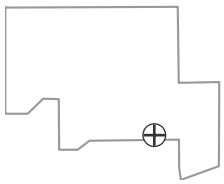
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

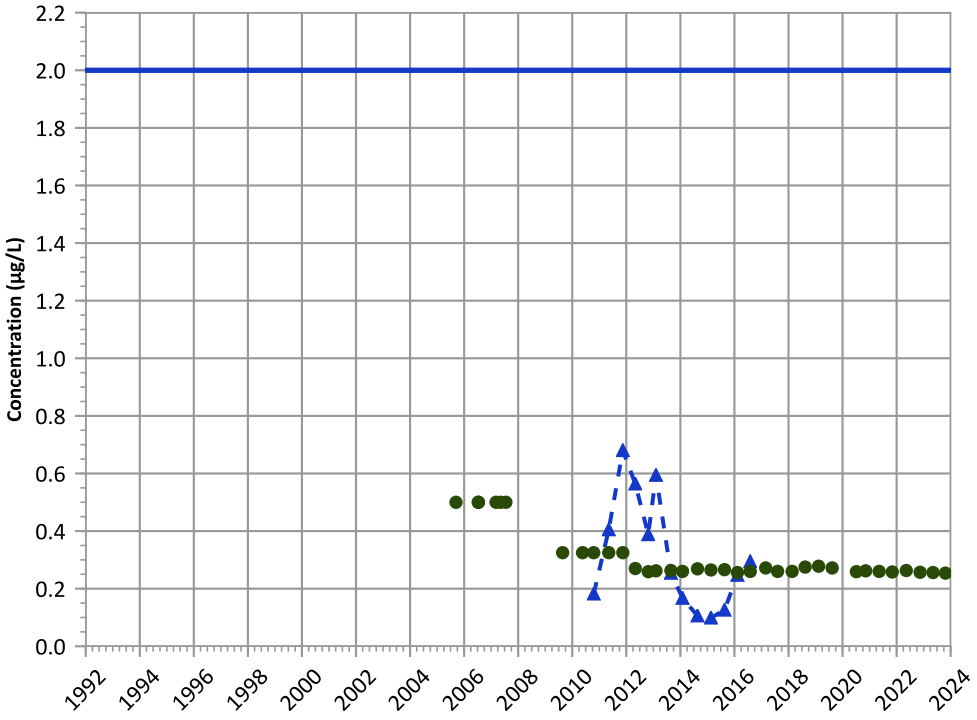
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

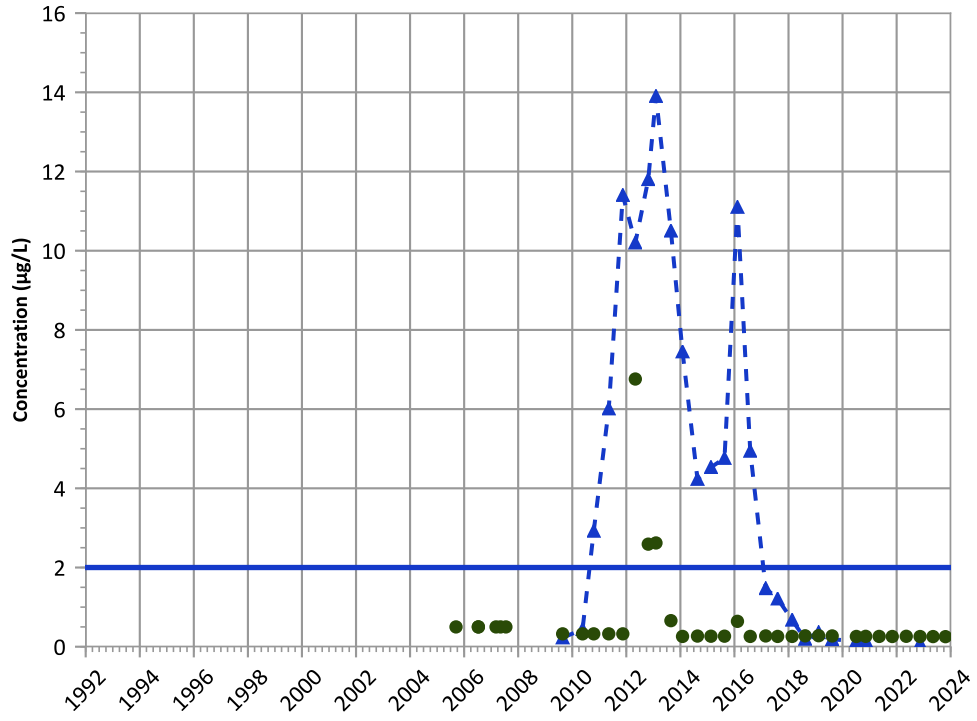


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

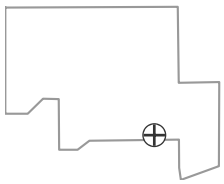
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

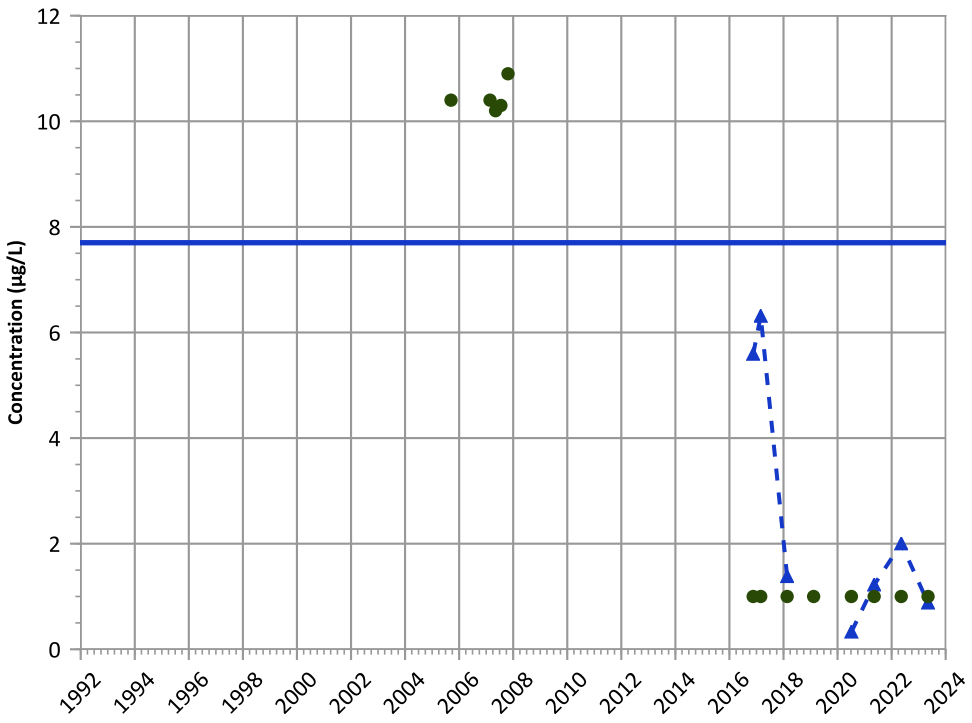
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

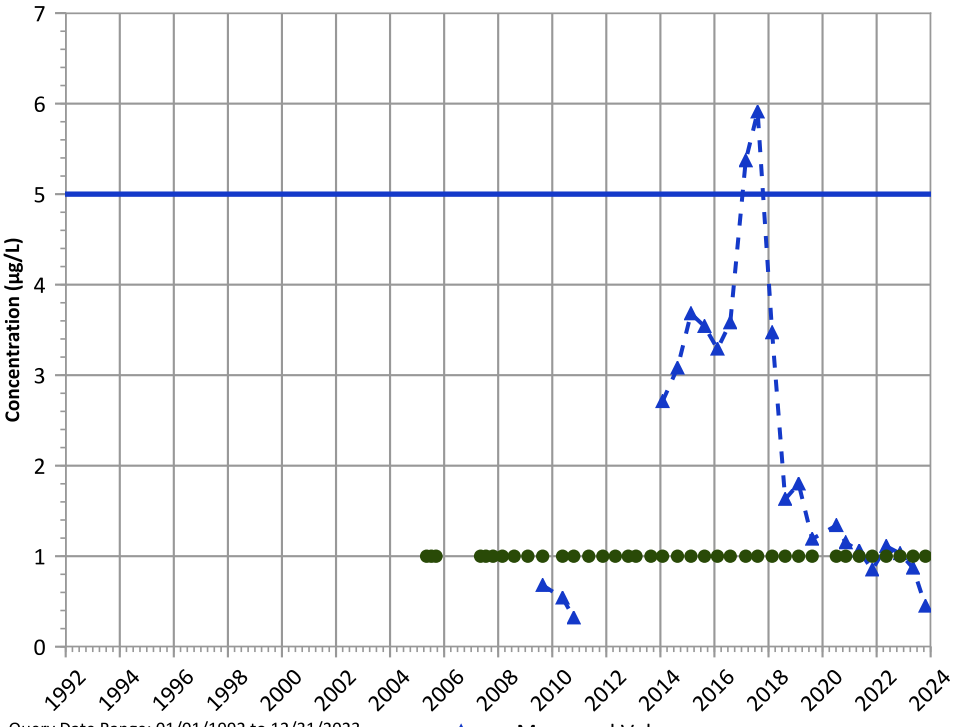


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

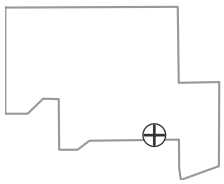
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

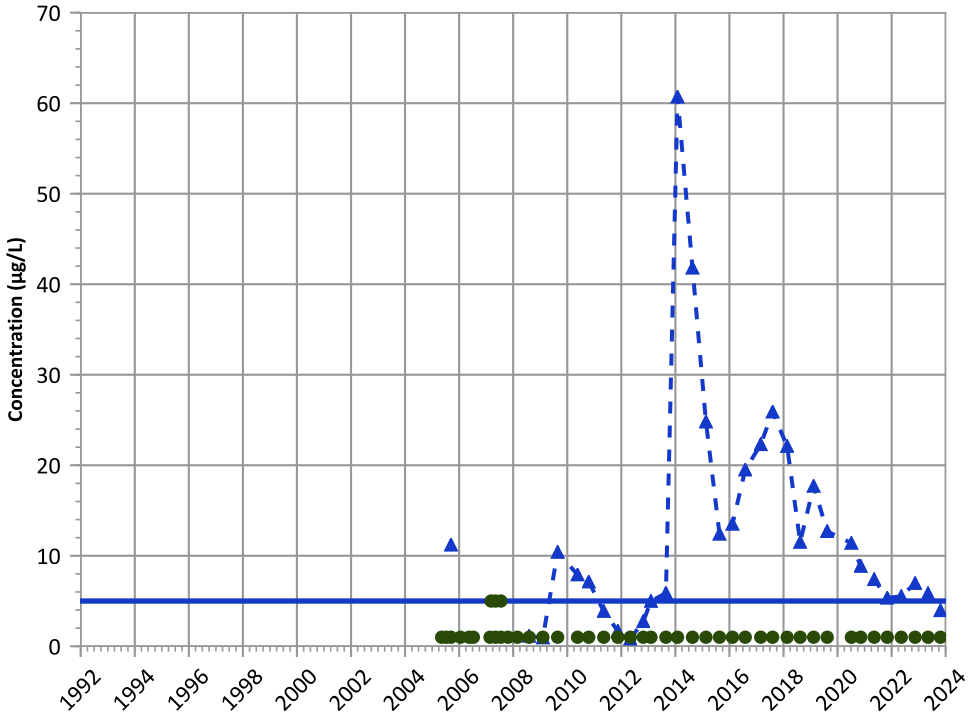
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

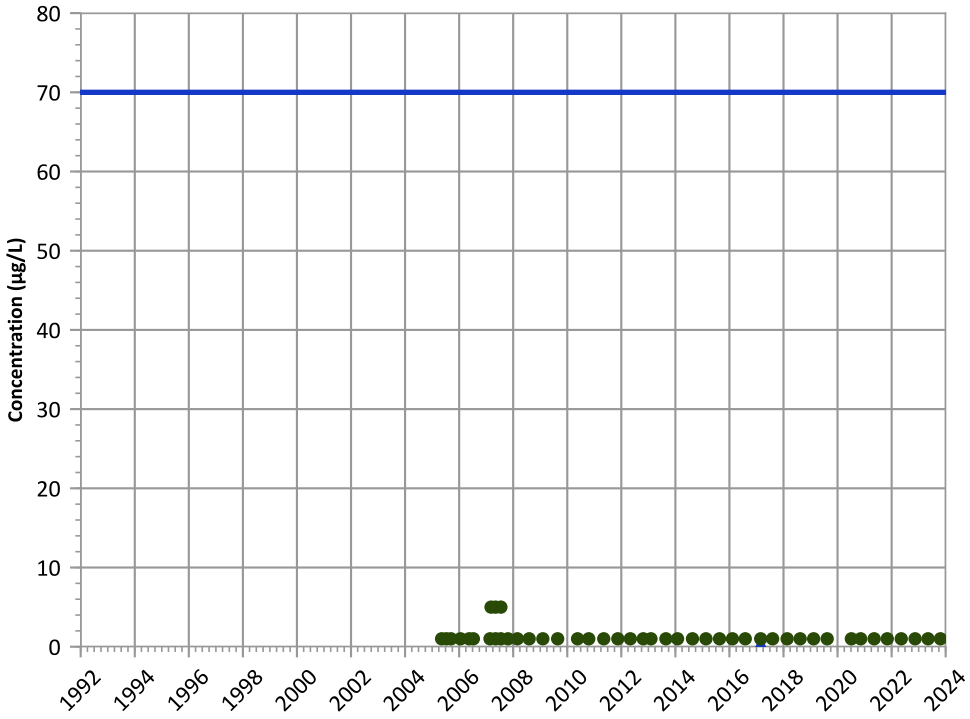


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

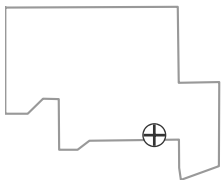
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

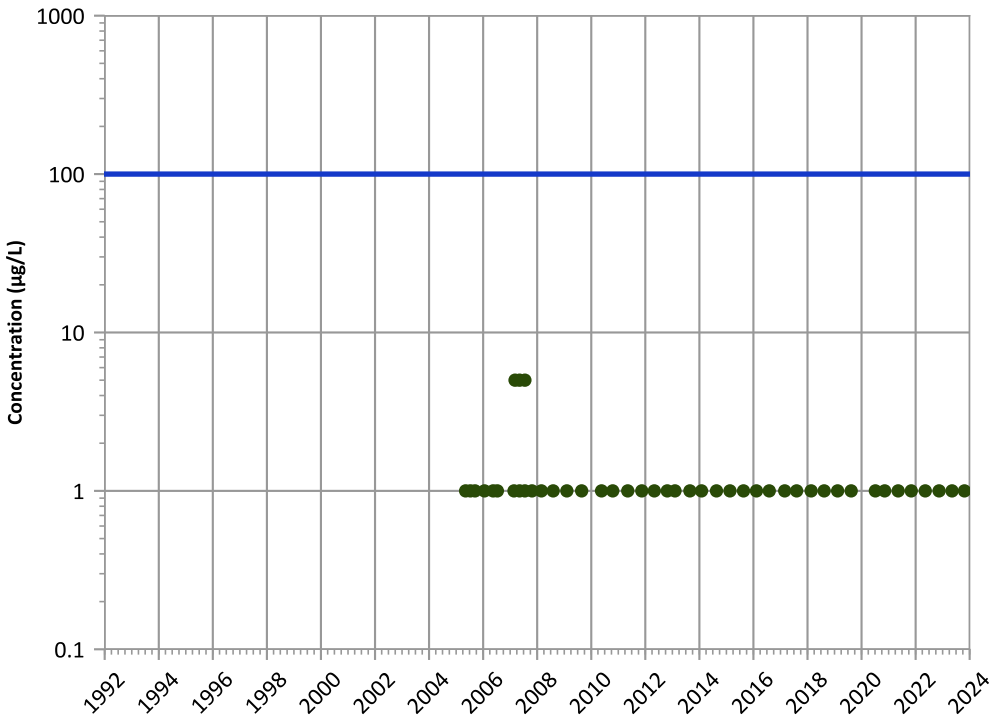
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

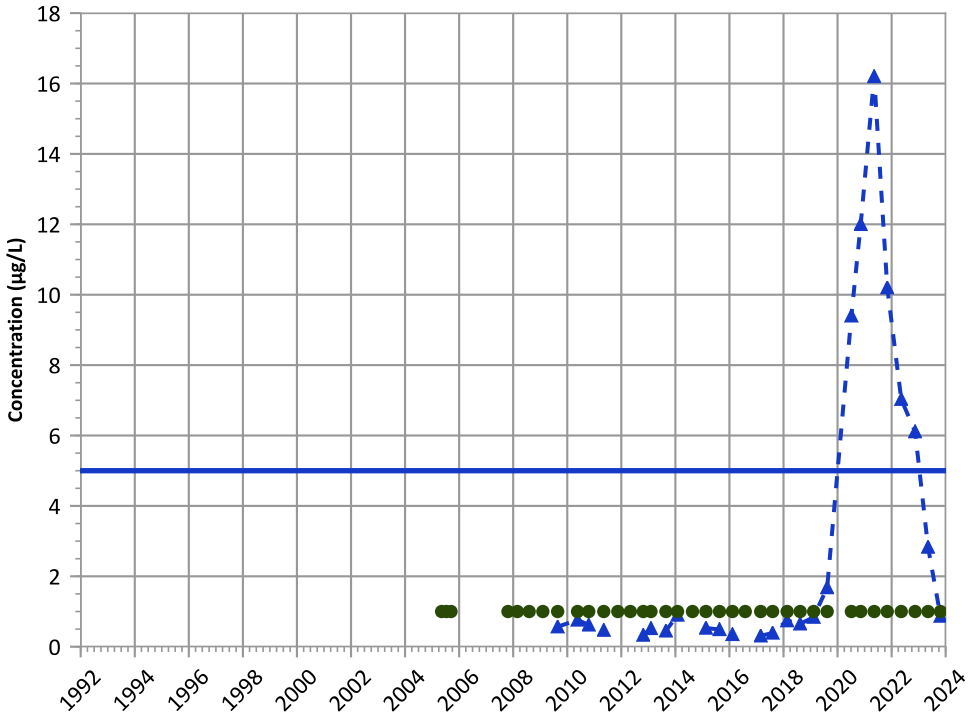


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

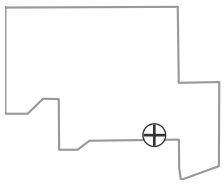
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

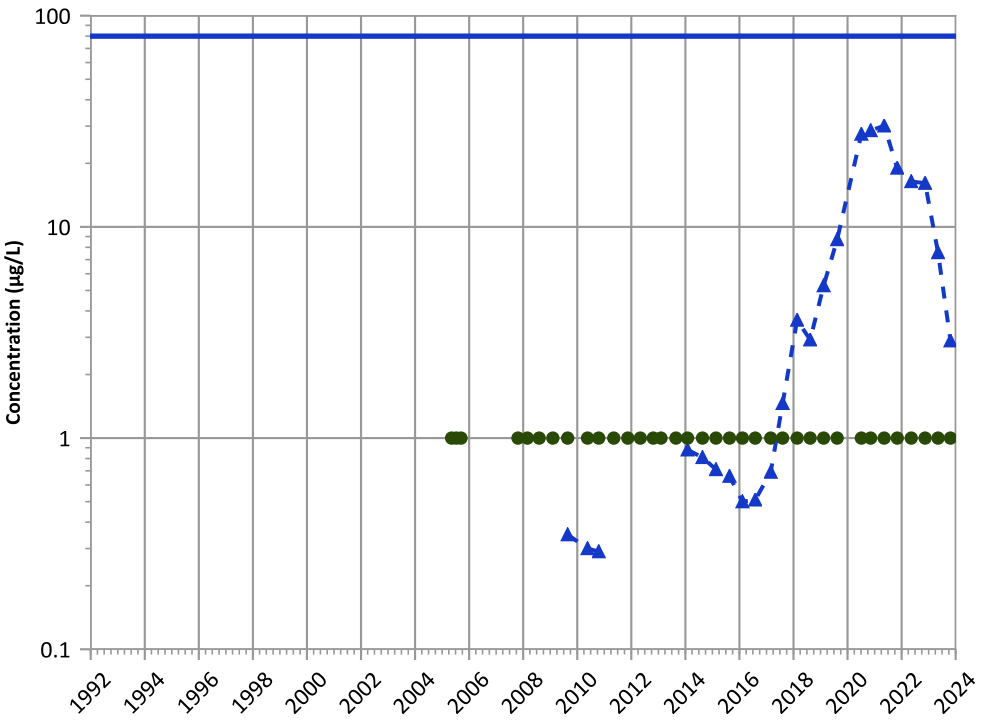
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

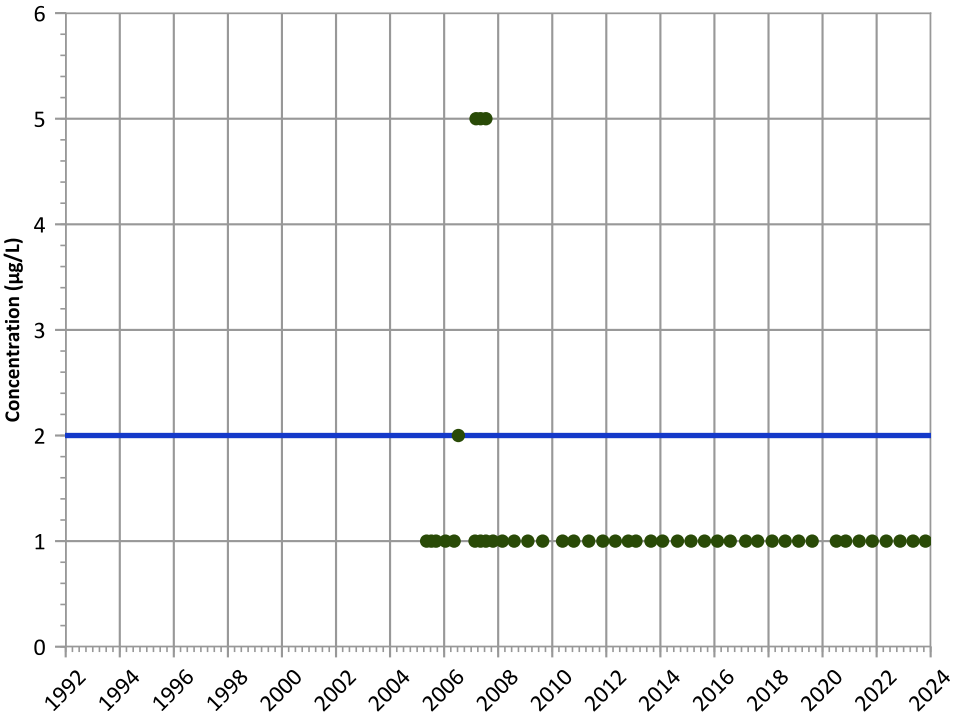


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Vinyl Chloride Trend



Concentration Trend

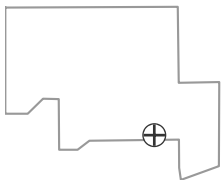
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

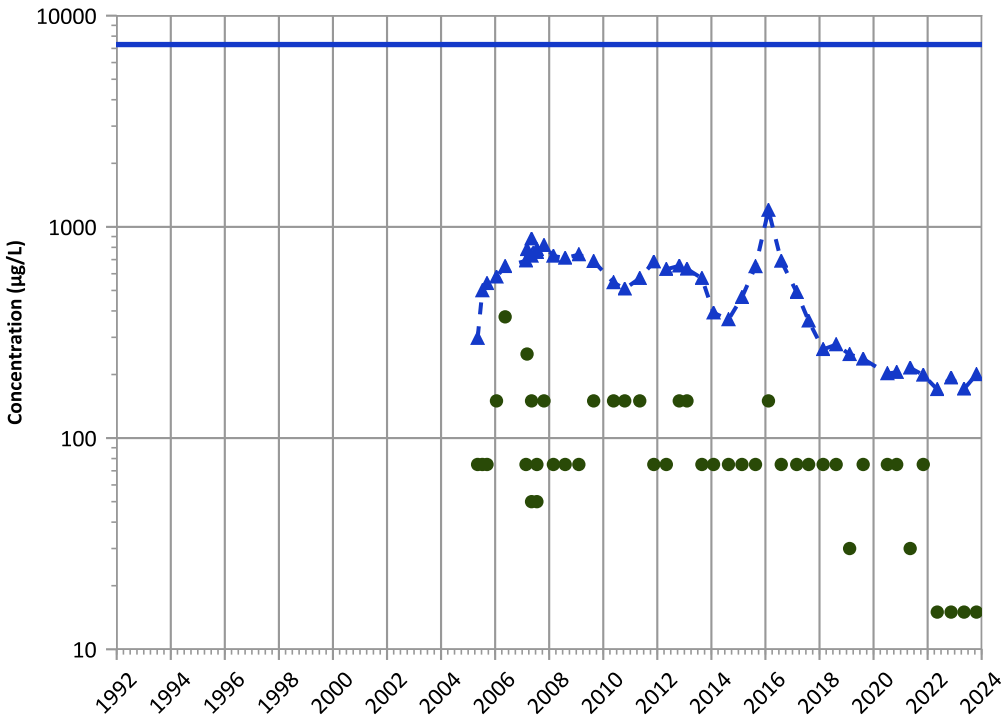
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

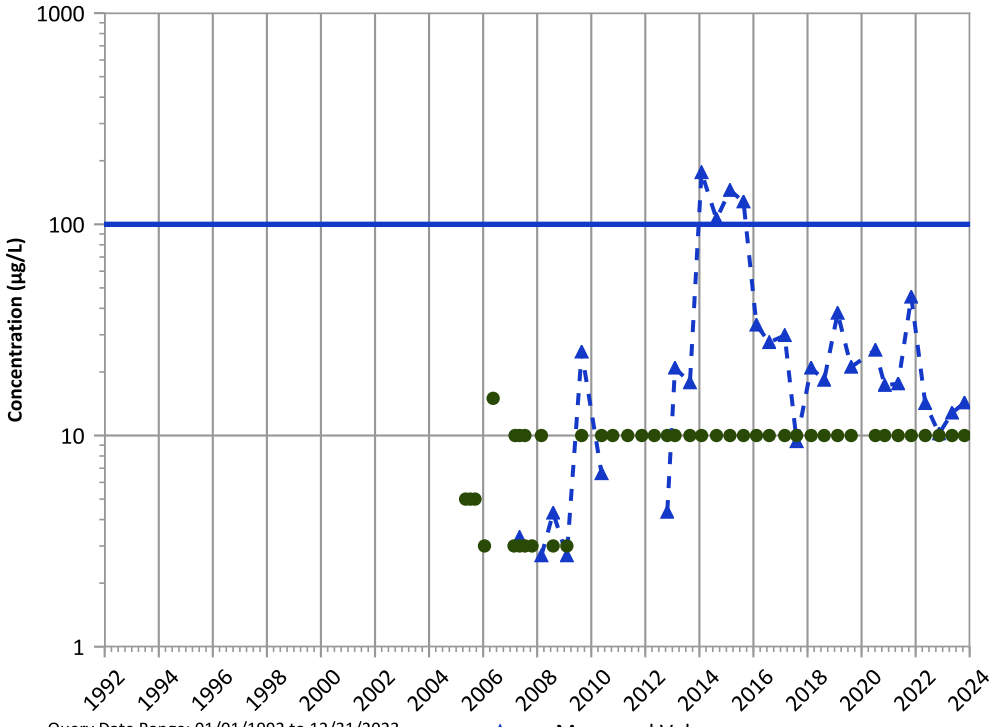


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Chromium, Total Trend



Concentration Trend

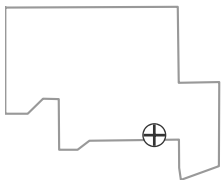
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

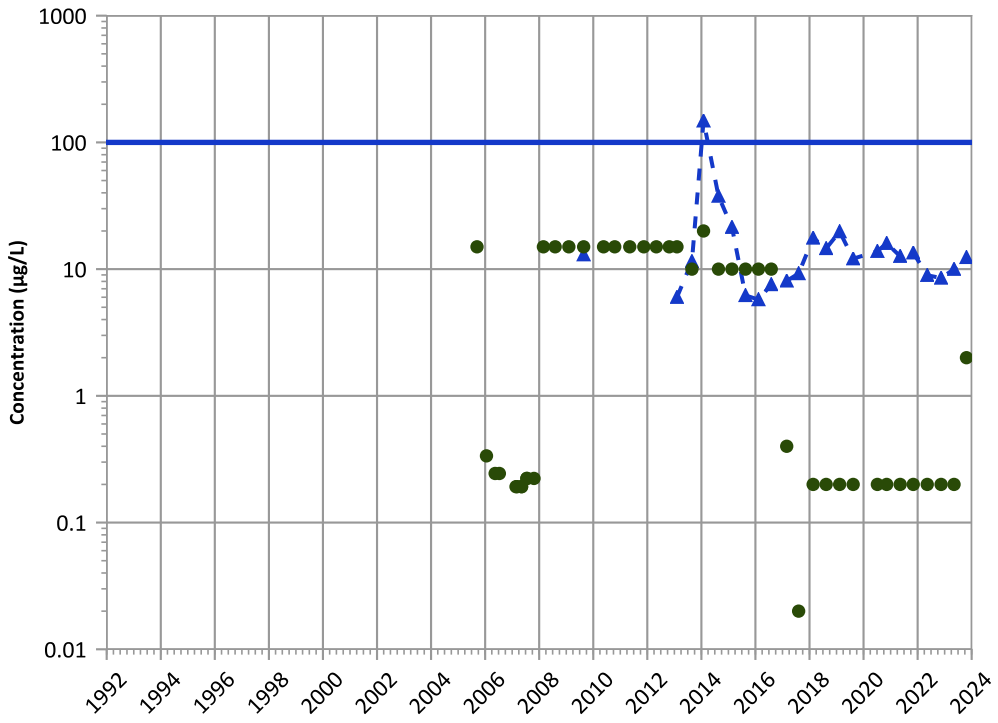
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

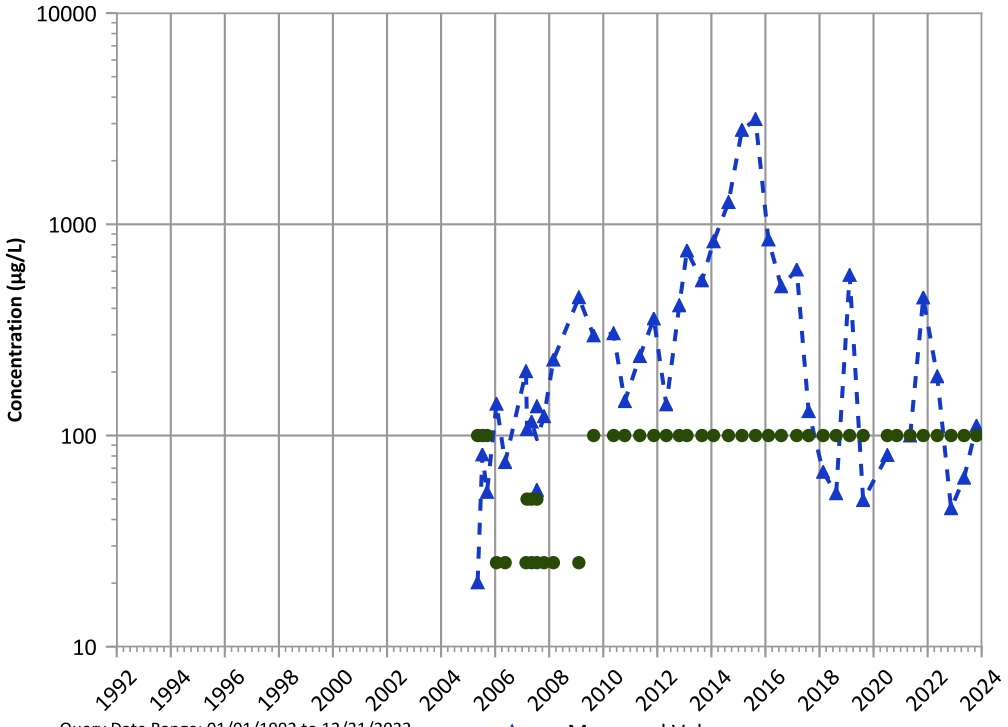


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Iron Trend



Concentration Trend

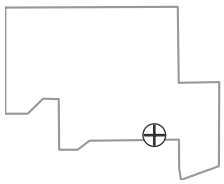
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

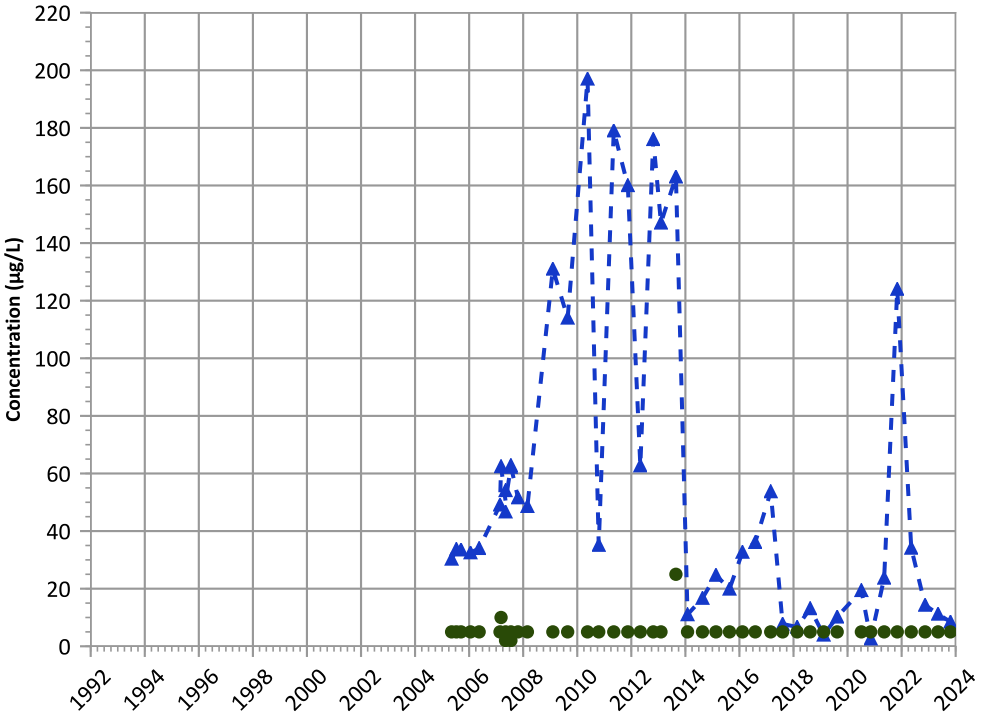
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

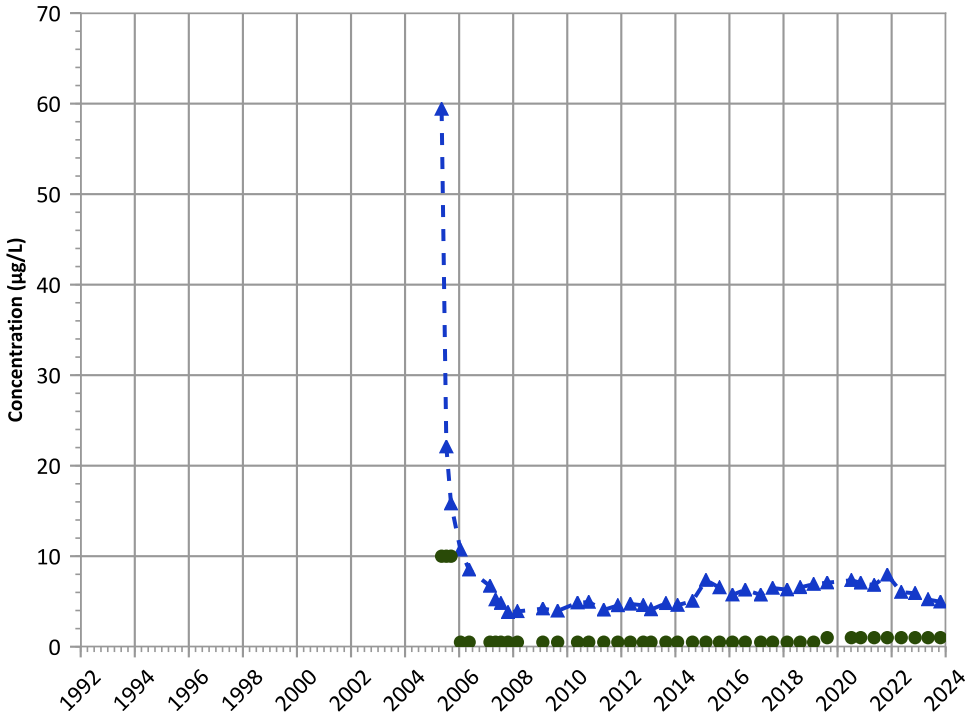


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Molybdenum Trend



Concentration Trend

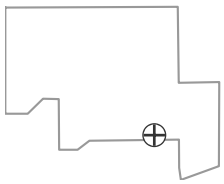
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

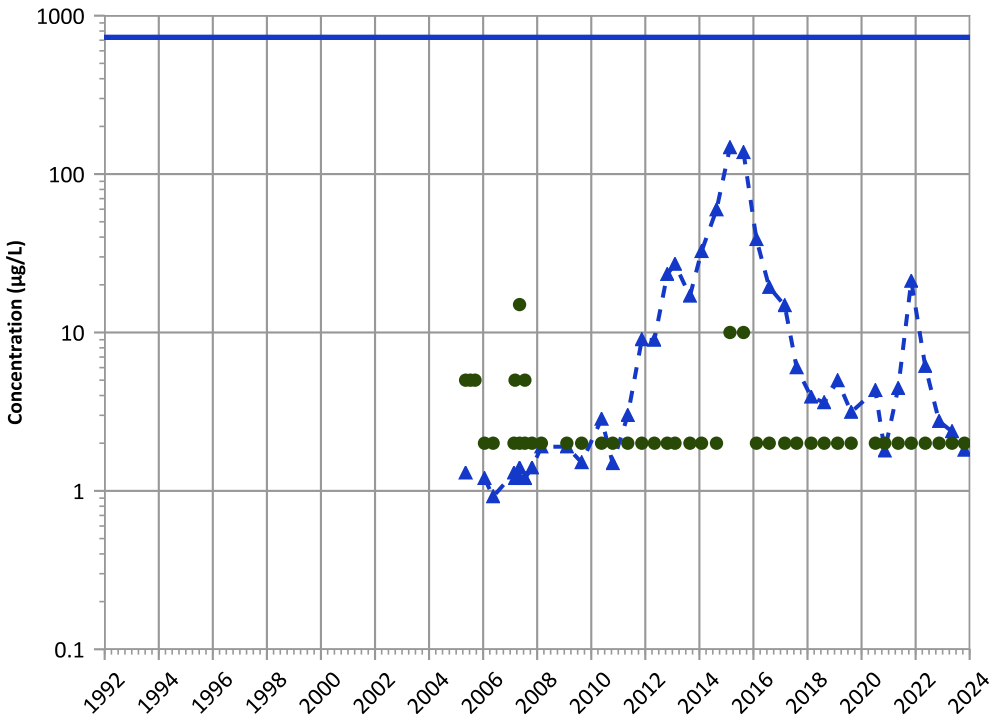
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

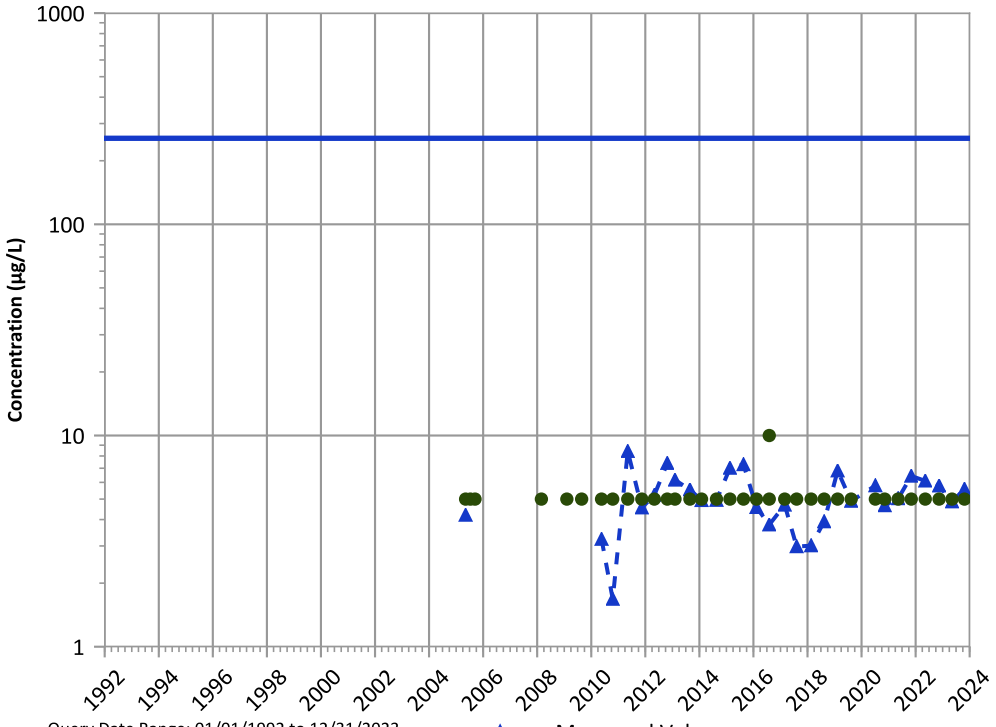


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Vanadium Trend



Concentration Trend

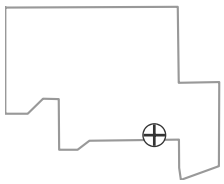
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

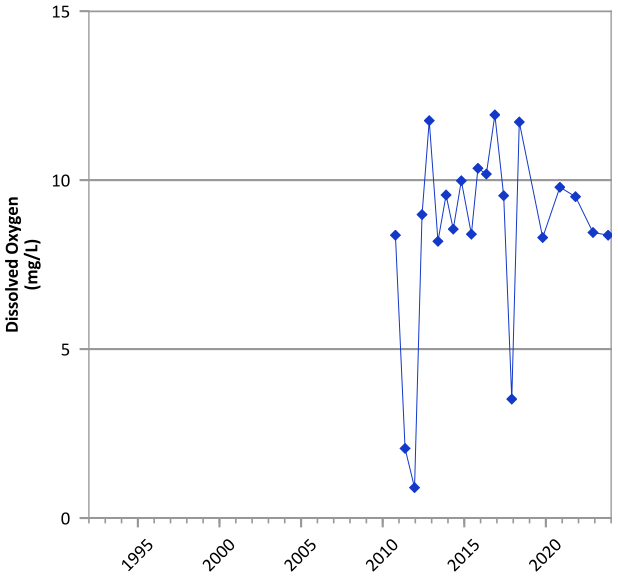
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/09/2005 to 10/23/2023
Analysis Date: 04/01/2024

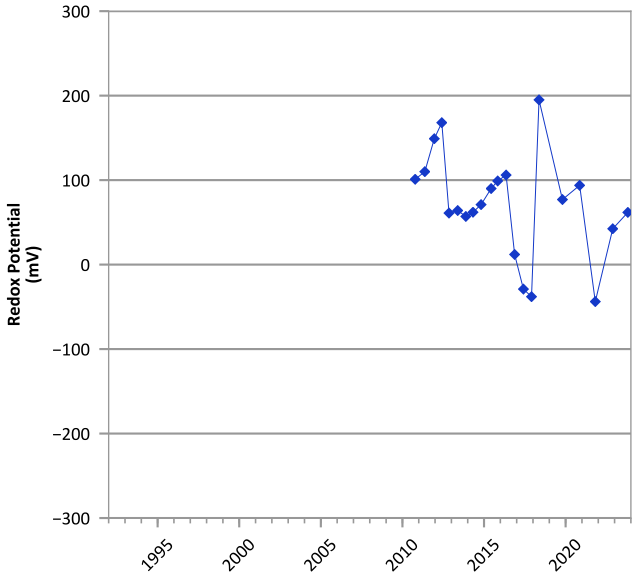
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

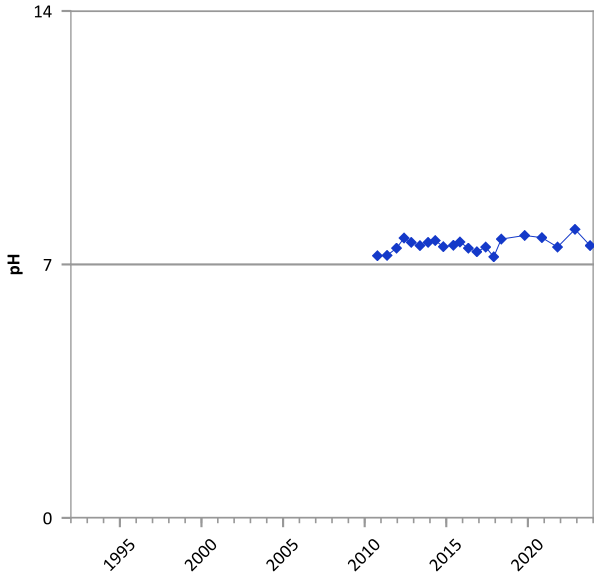
Well Location

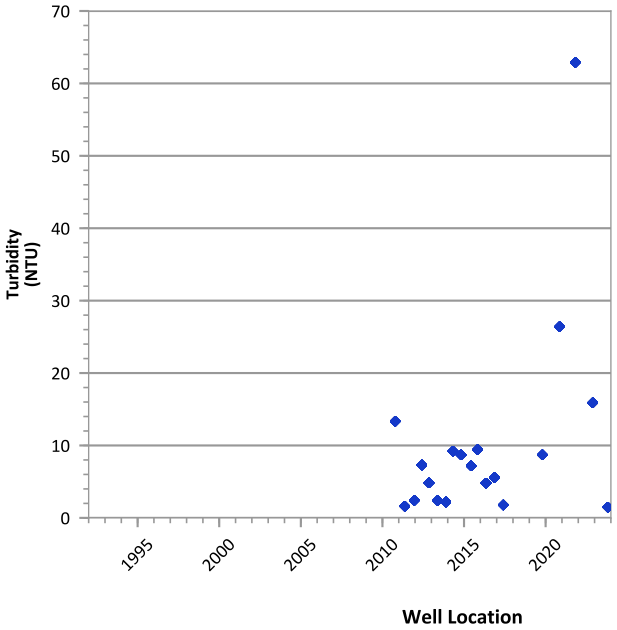


PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

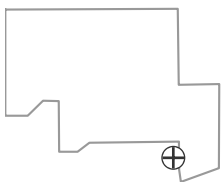






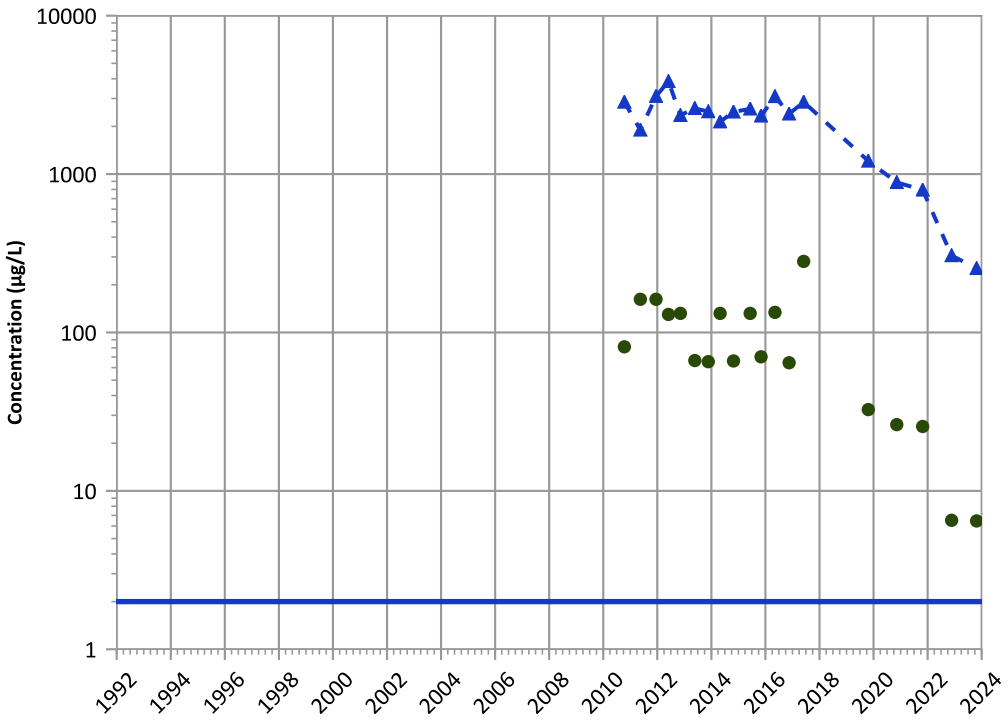


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

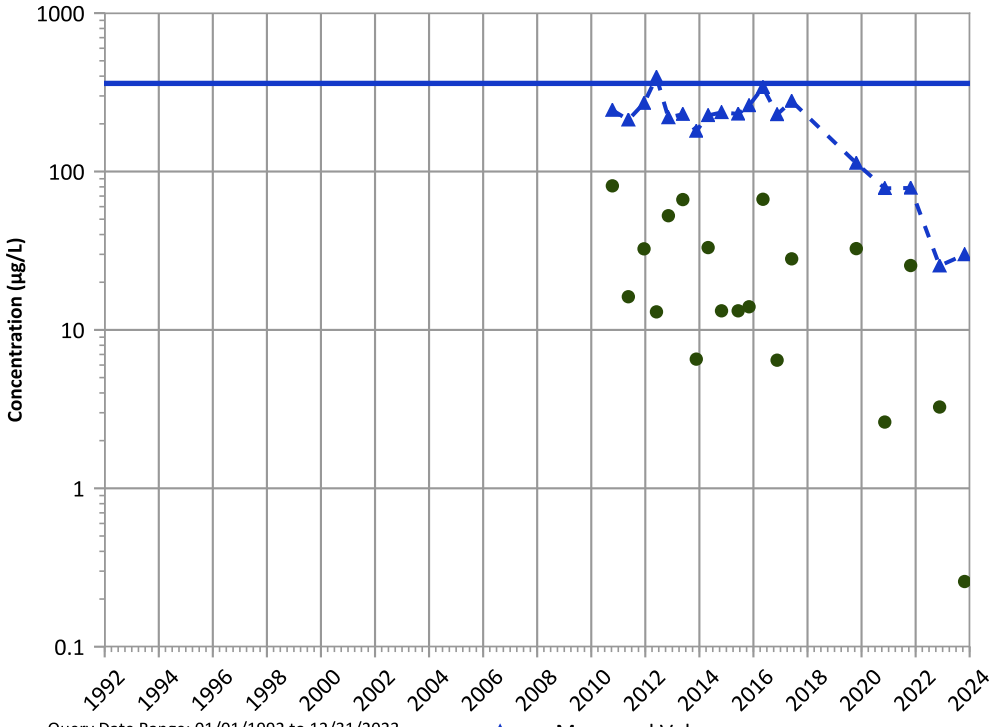


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

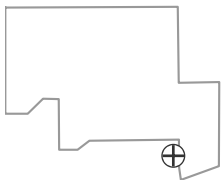
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

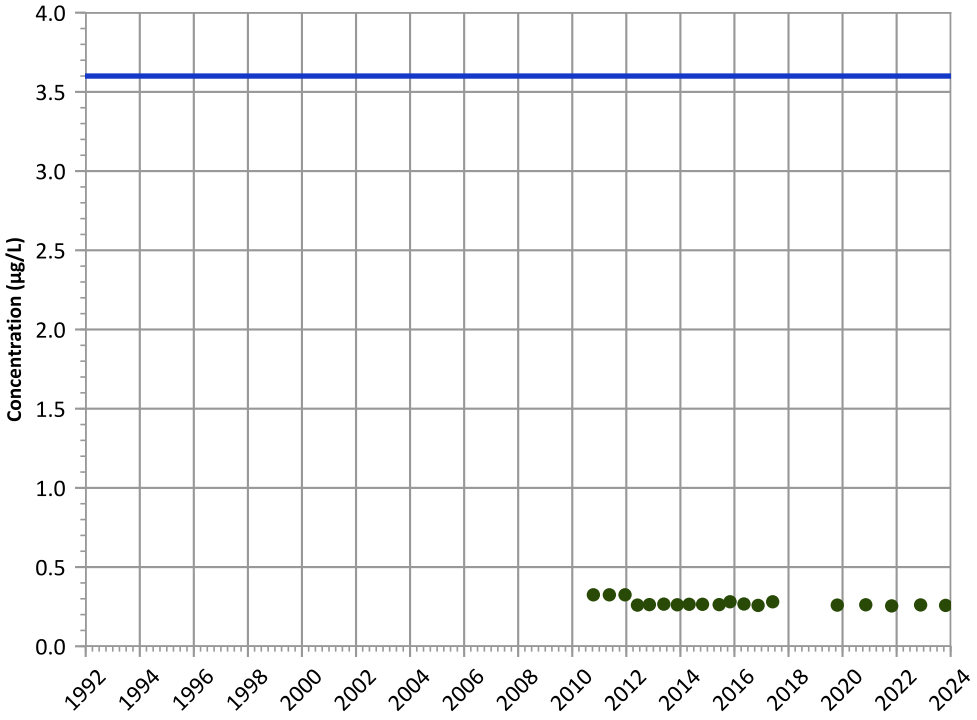
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

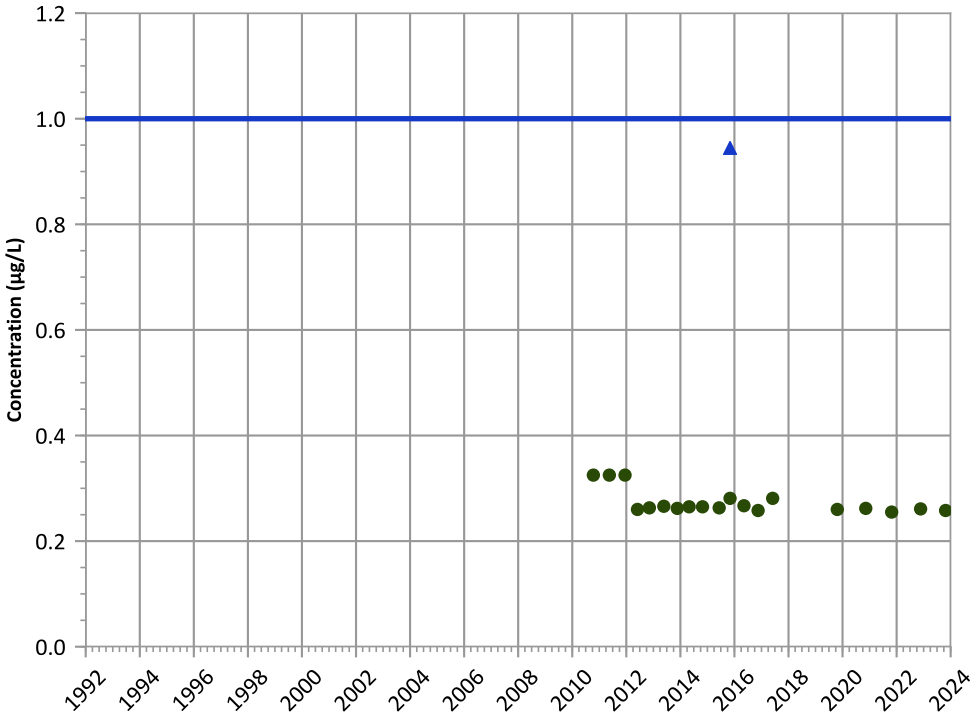


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

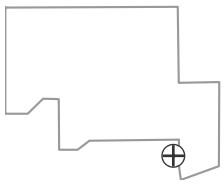
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

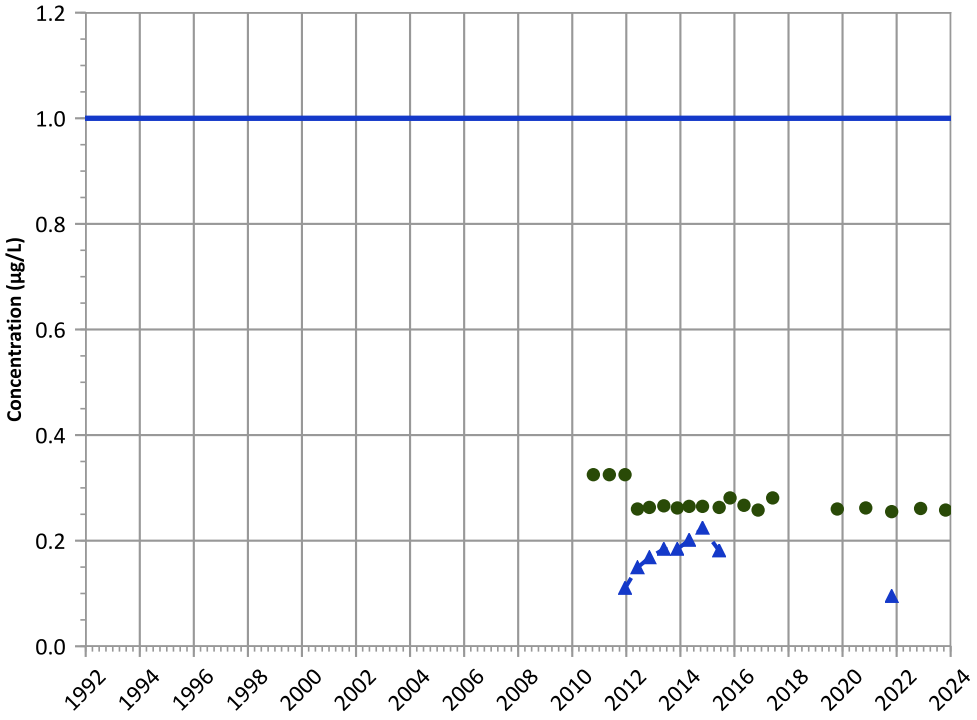
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

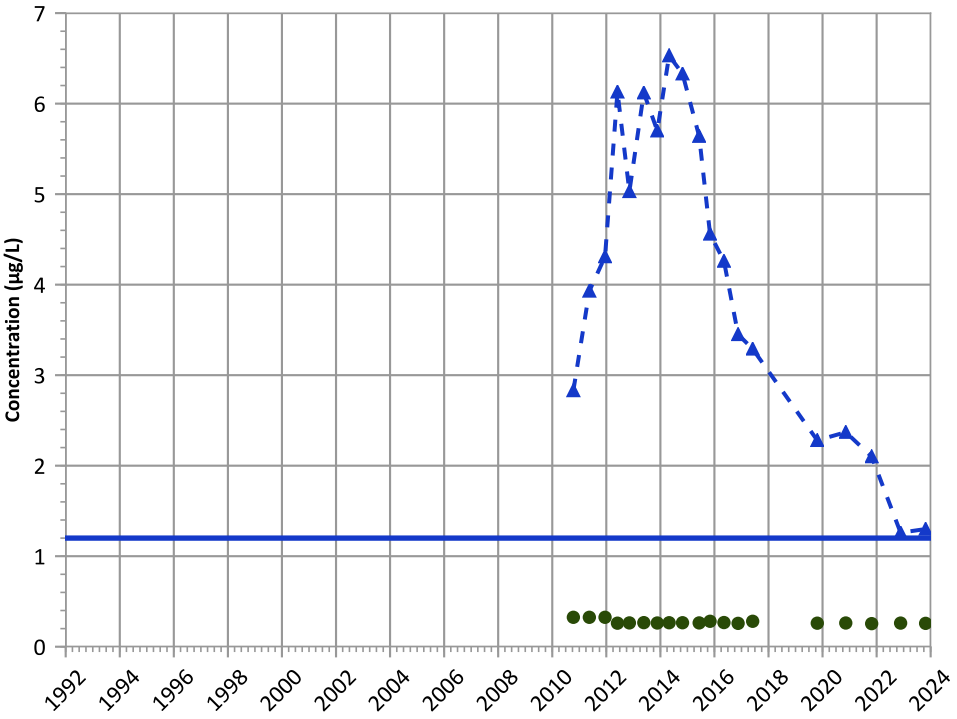


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

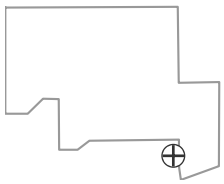
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

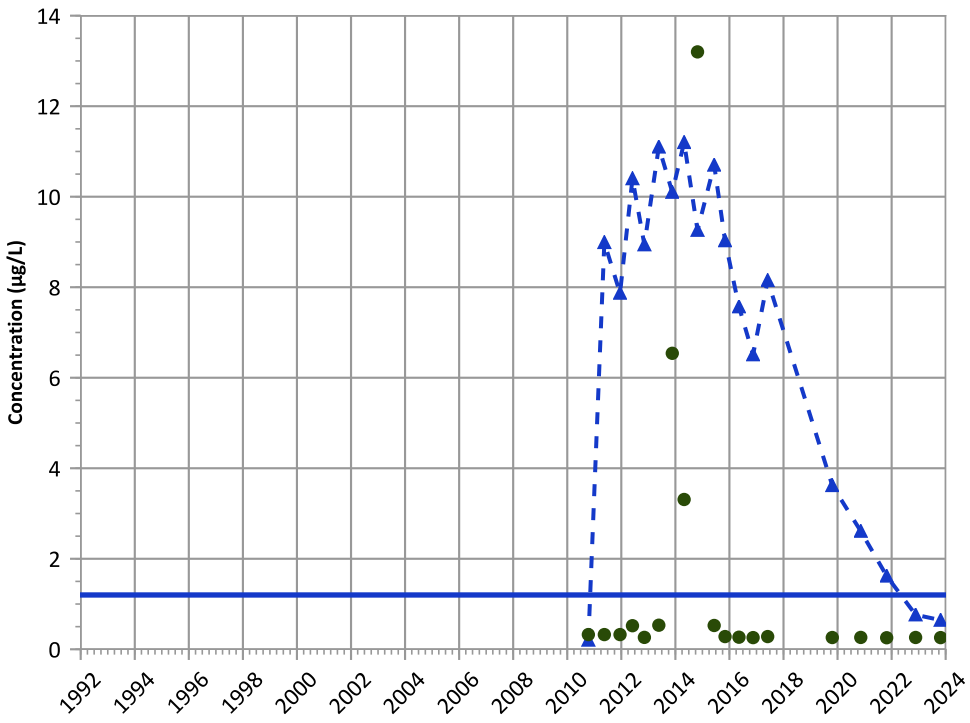
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

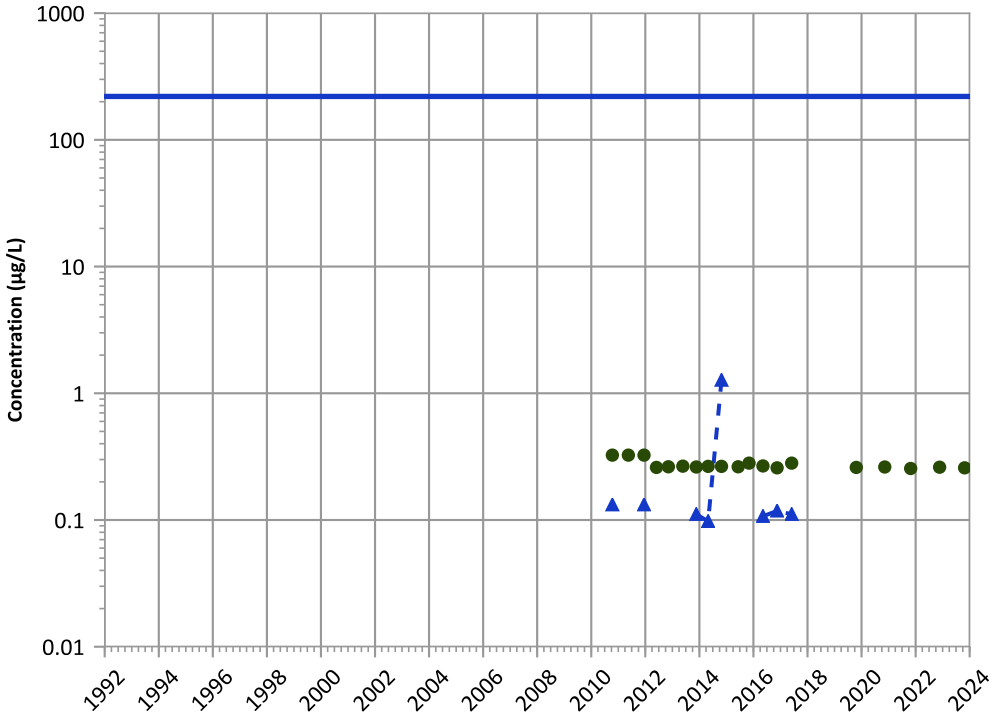


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

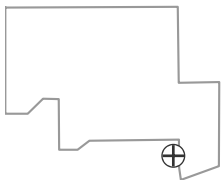
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

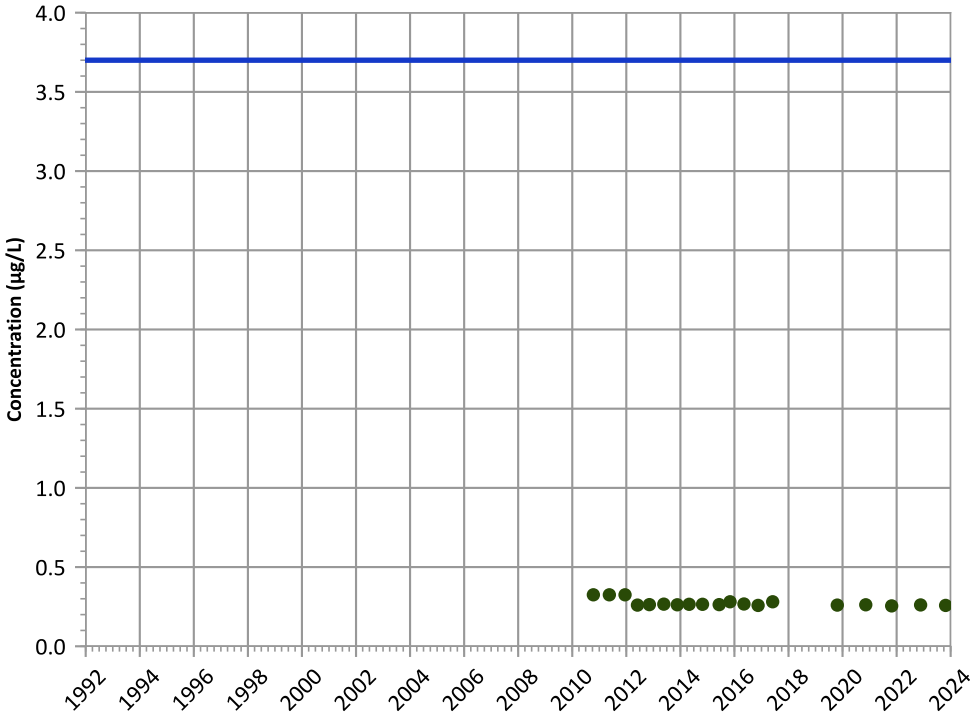
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

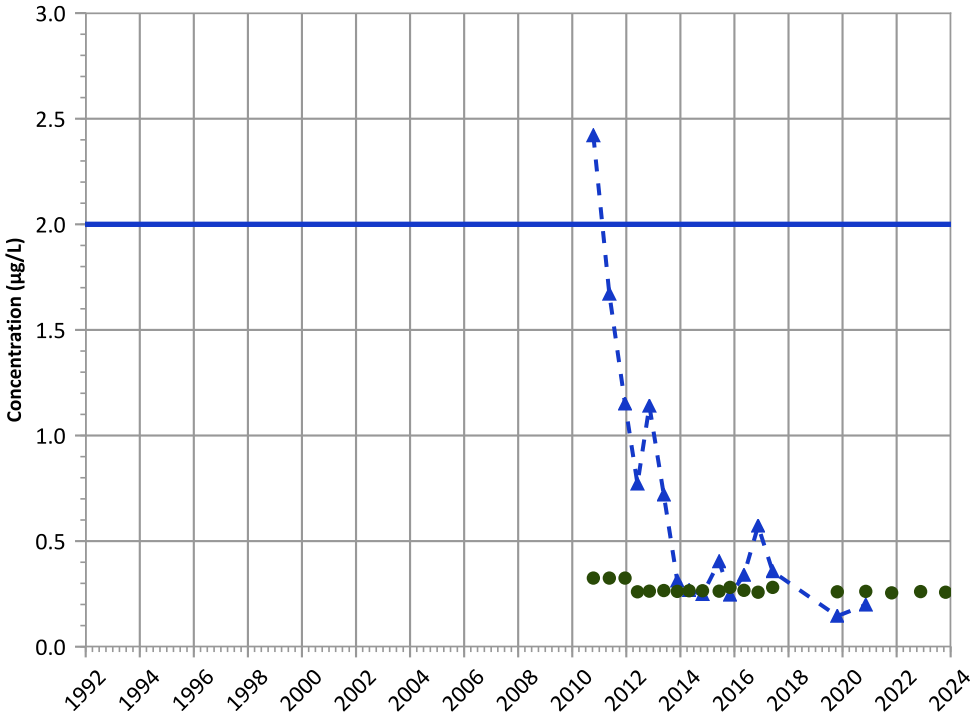


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

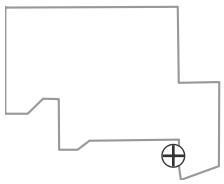
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

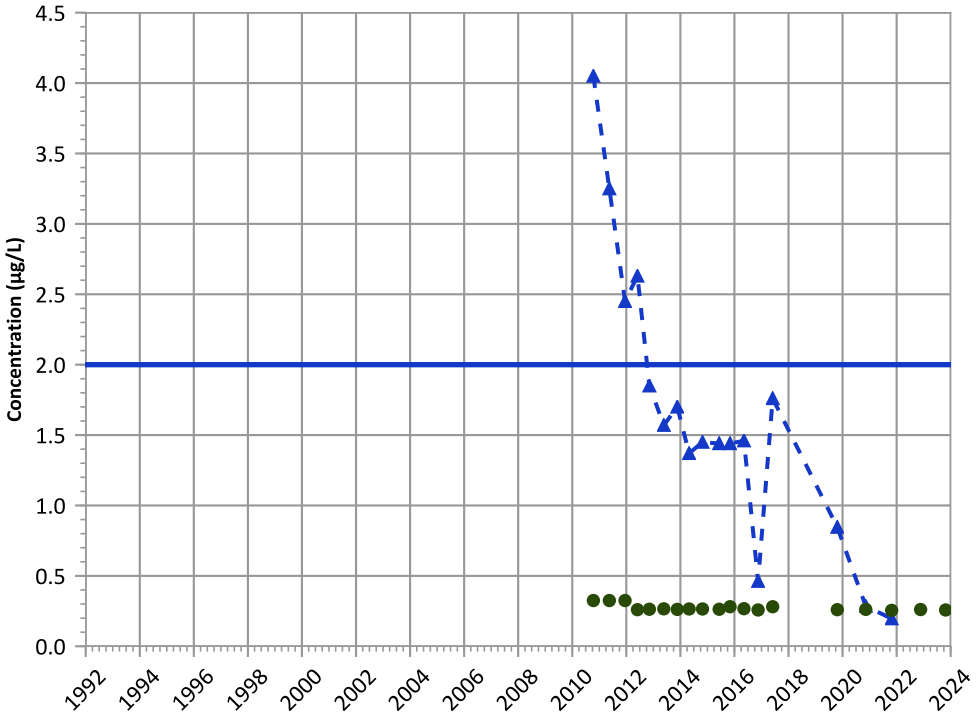
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

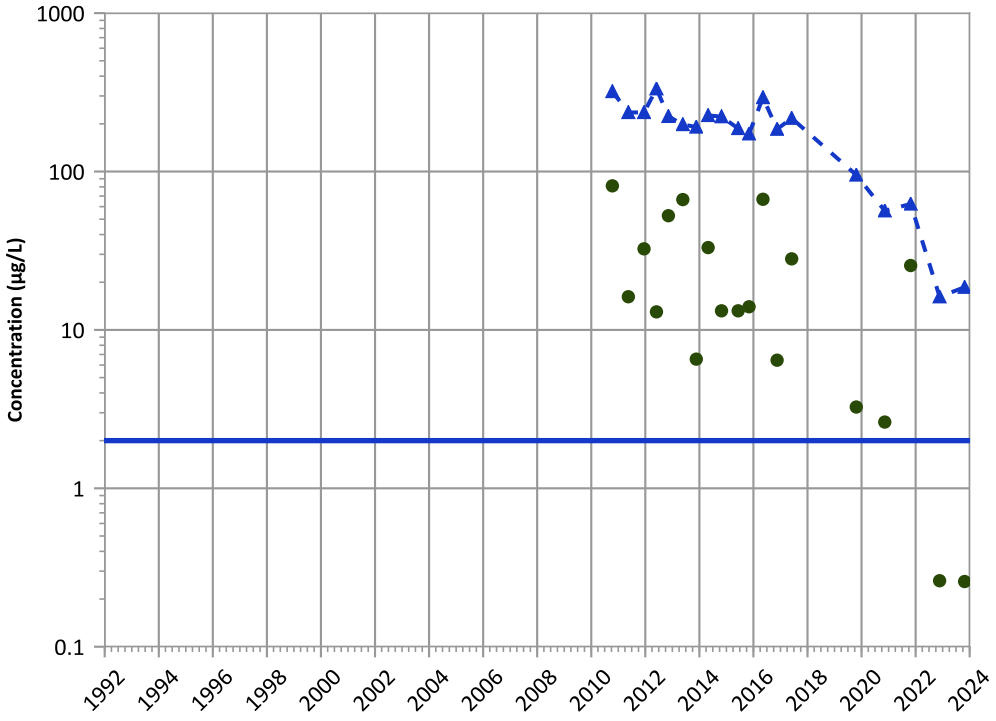


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

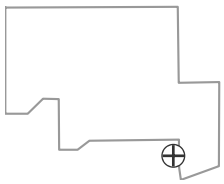
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

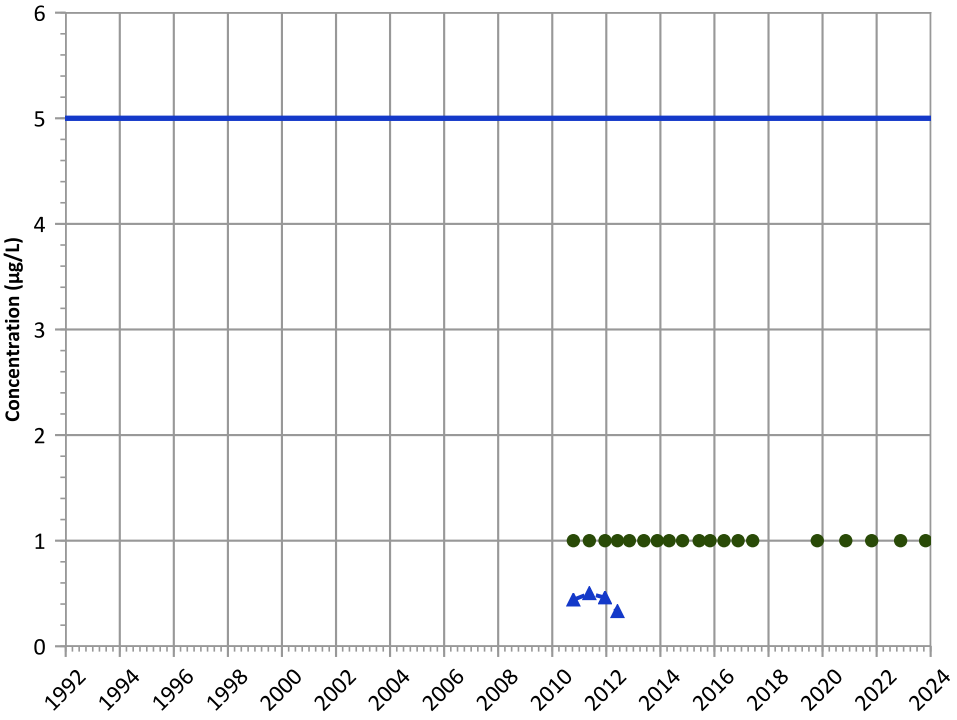
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

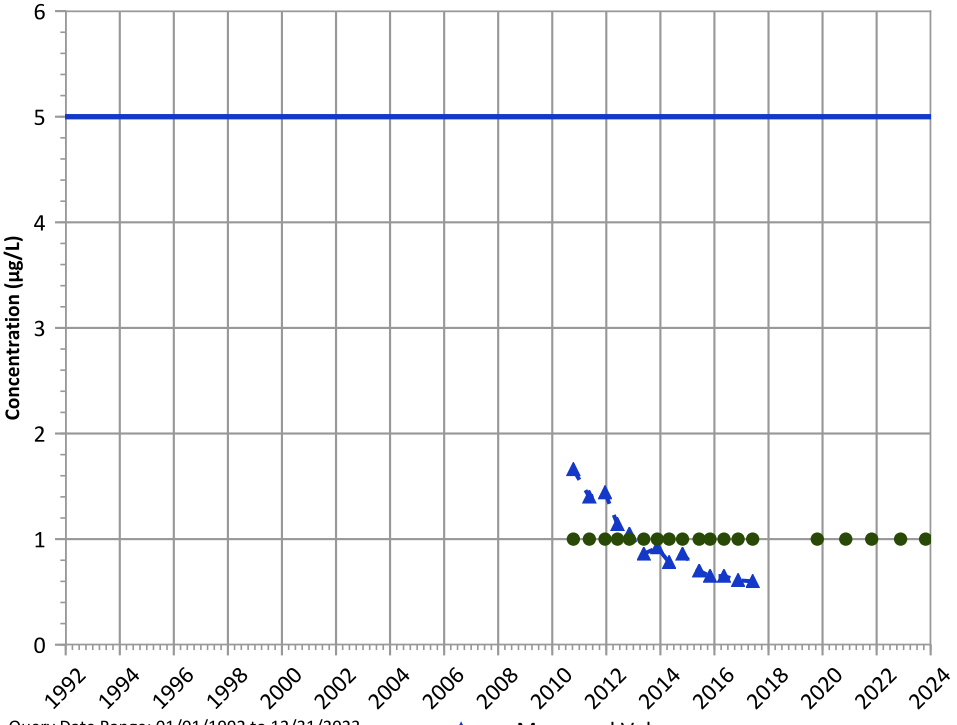


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Trichloroethene Trend



Concentration Trend

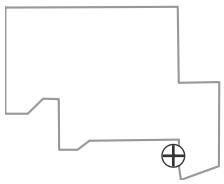
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

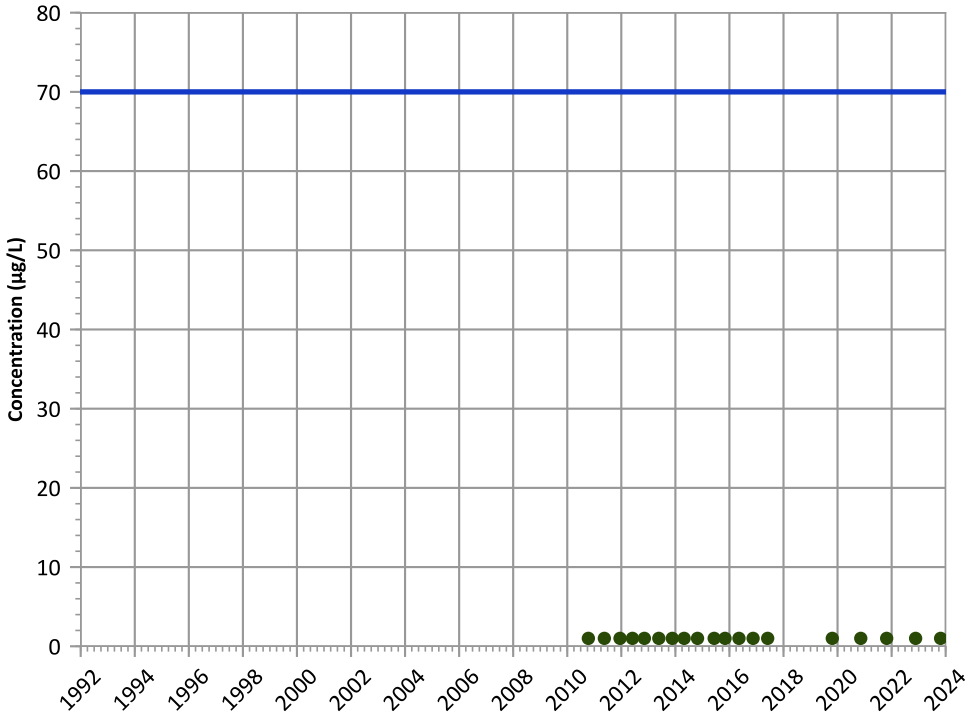
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

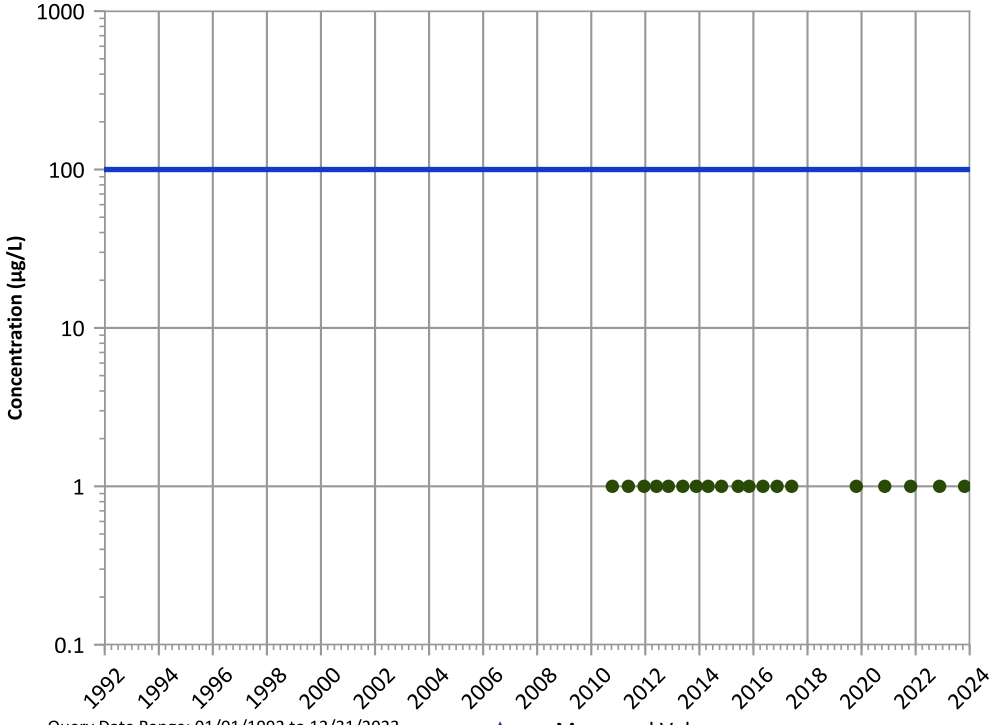
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



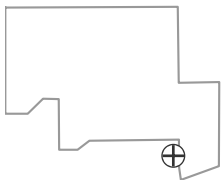
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

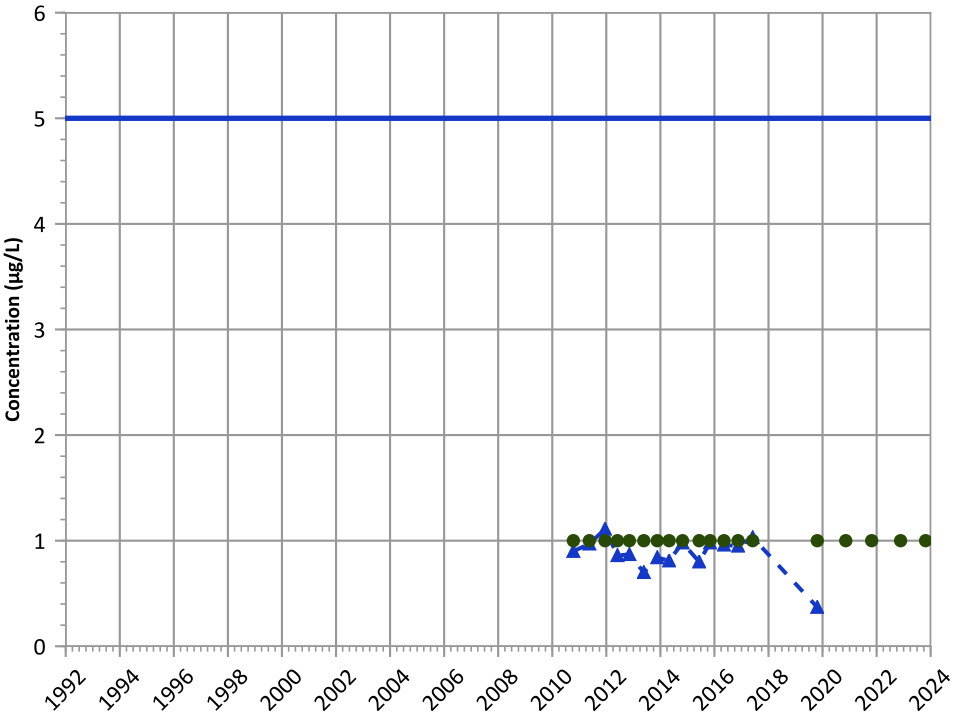
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

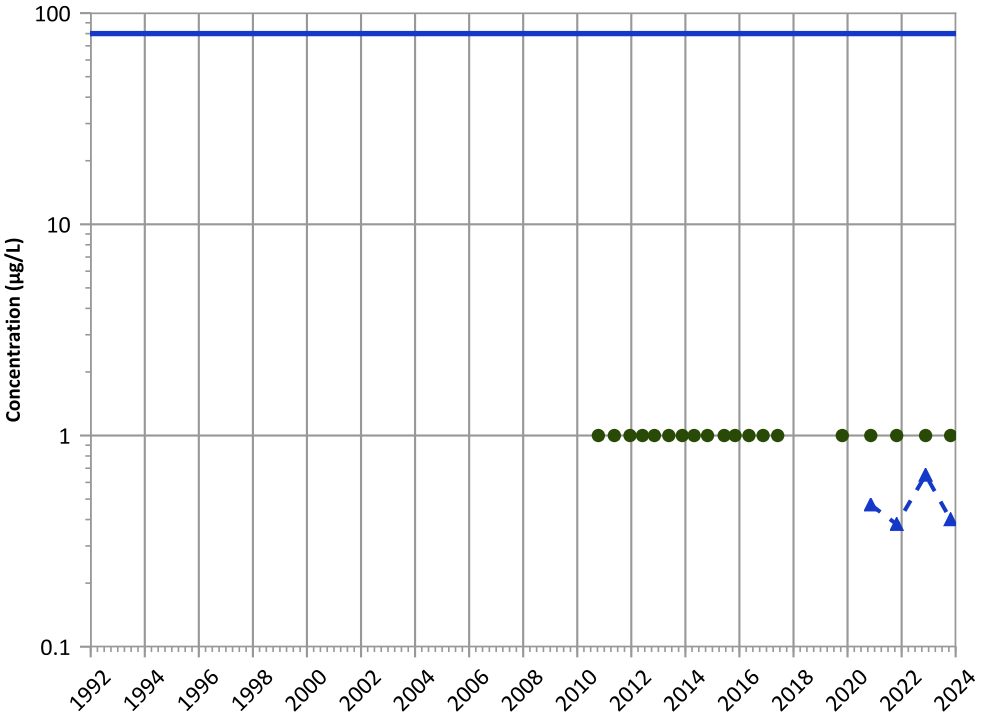


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

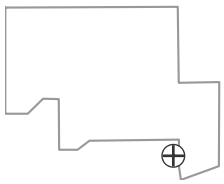
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

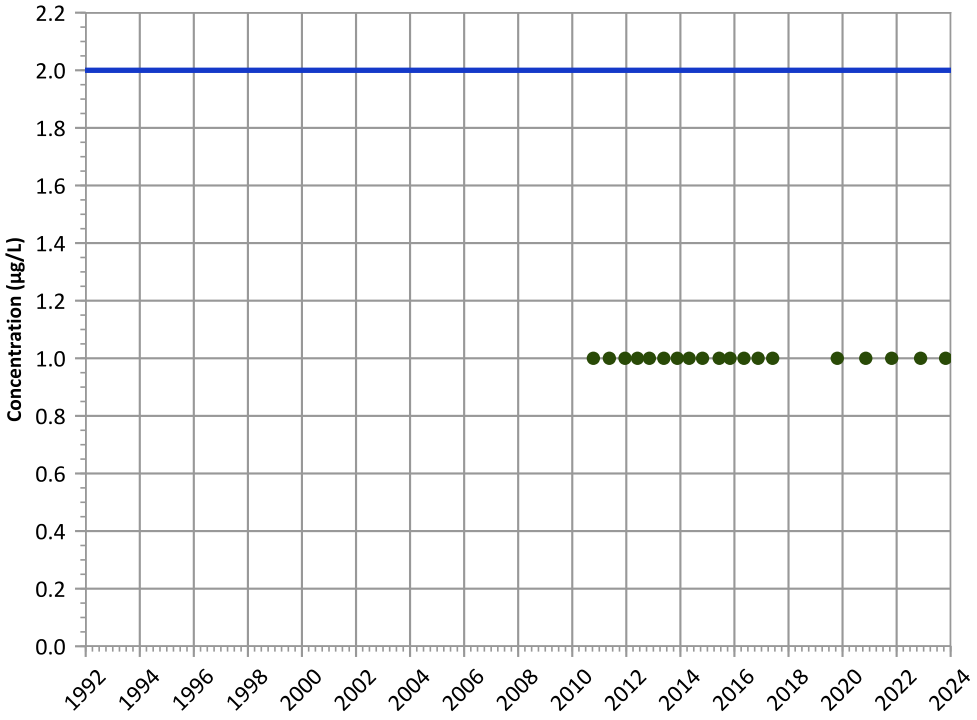
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

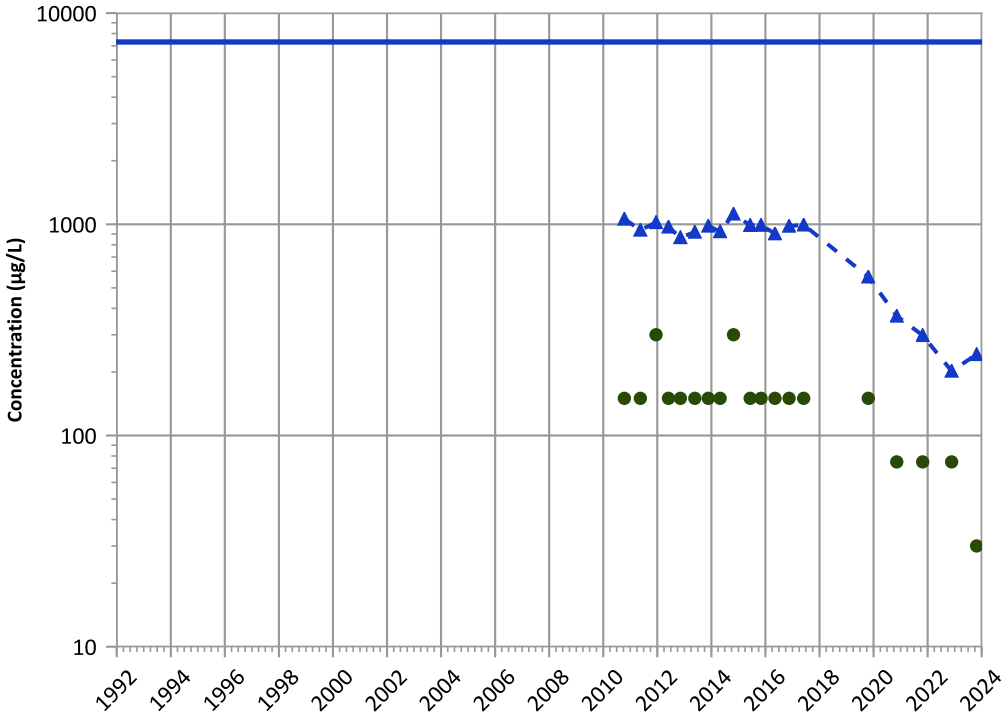


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

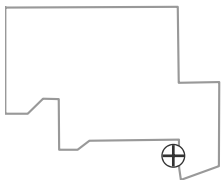
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

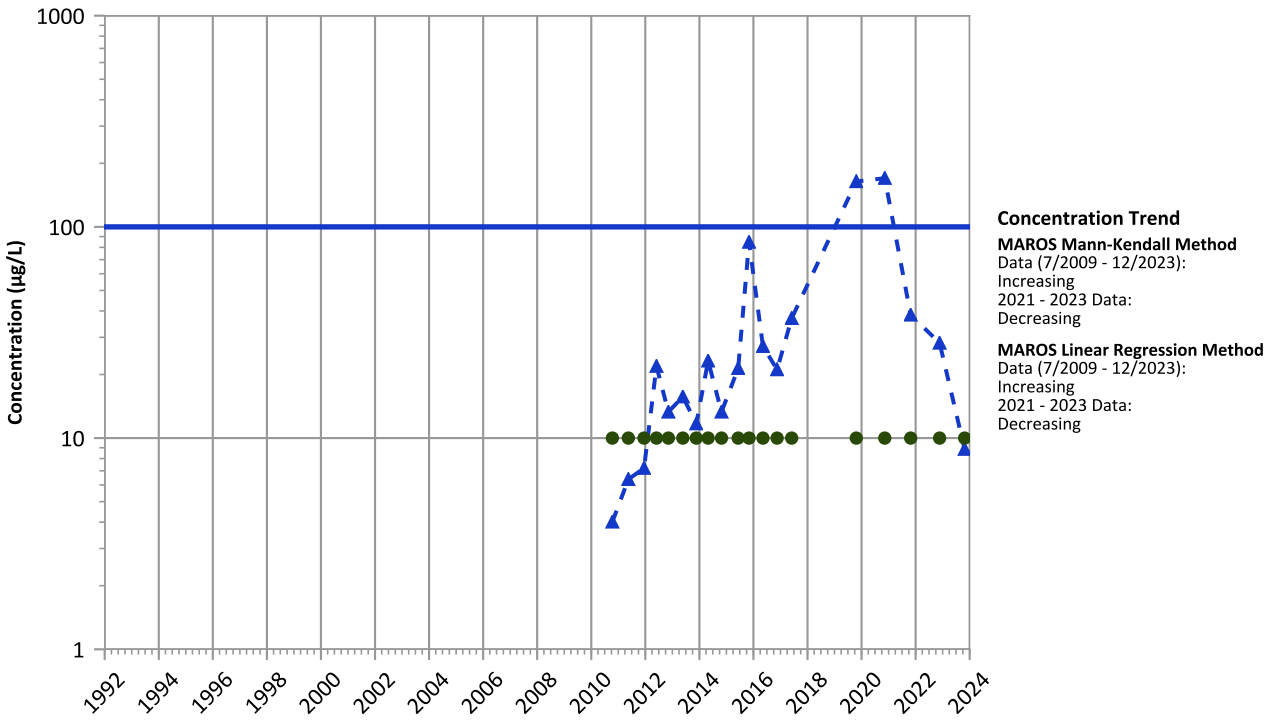
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

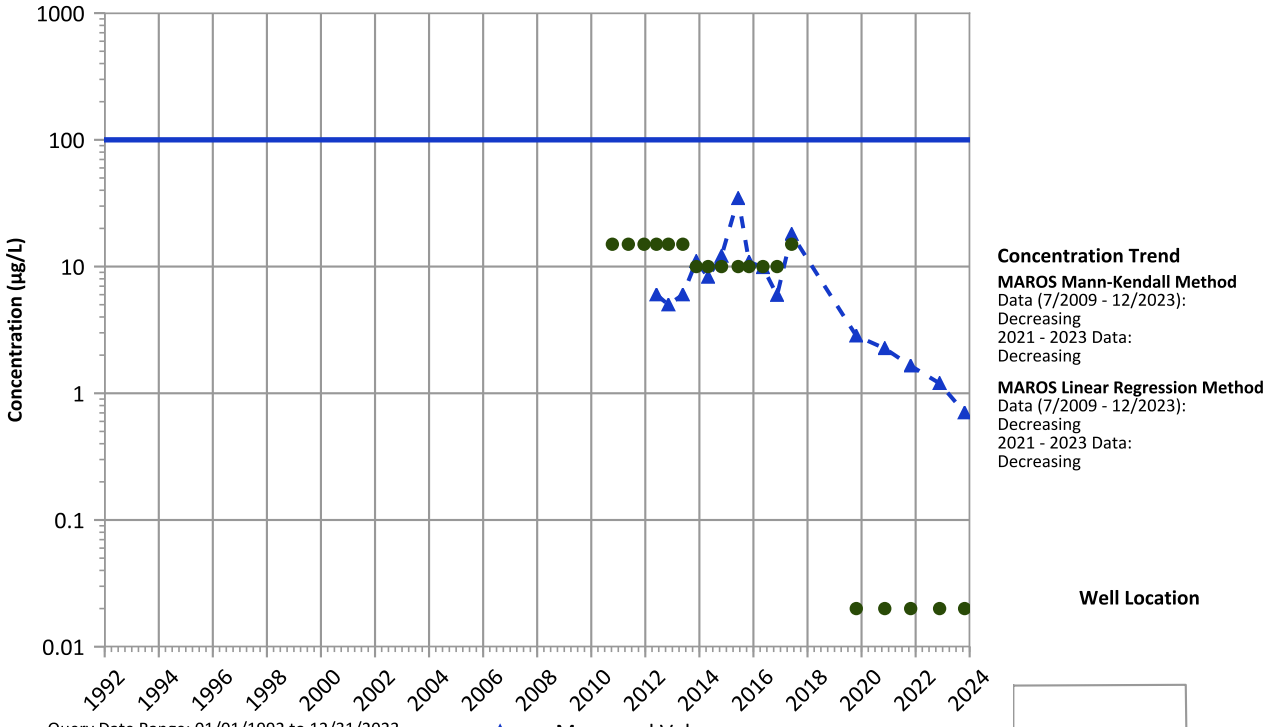


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

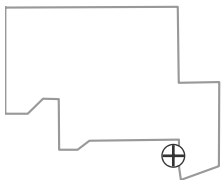
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

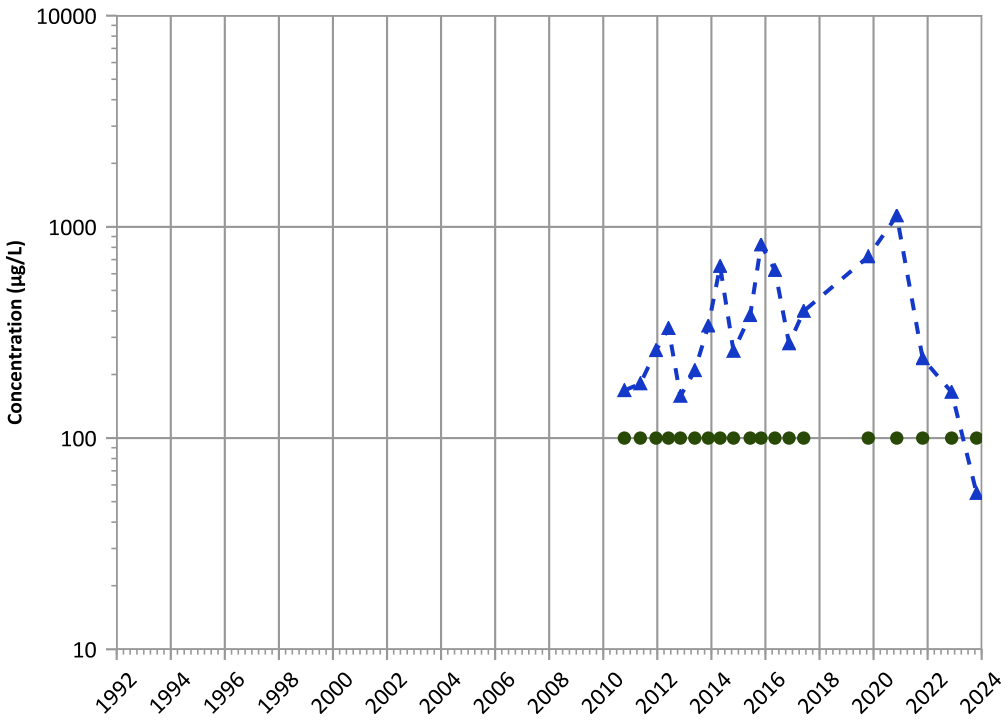
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

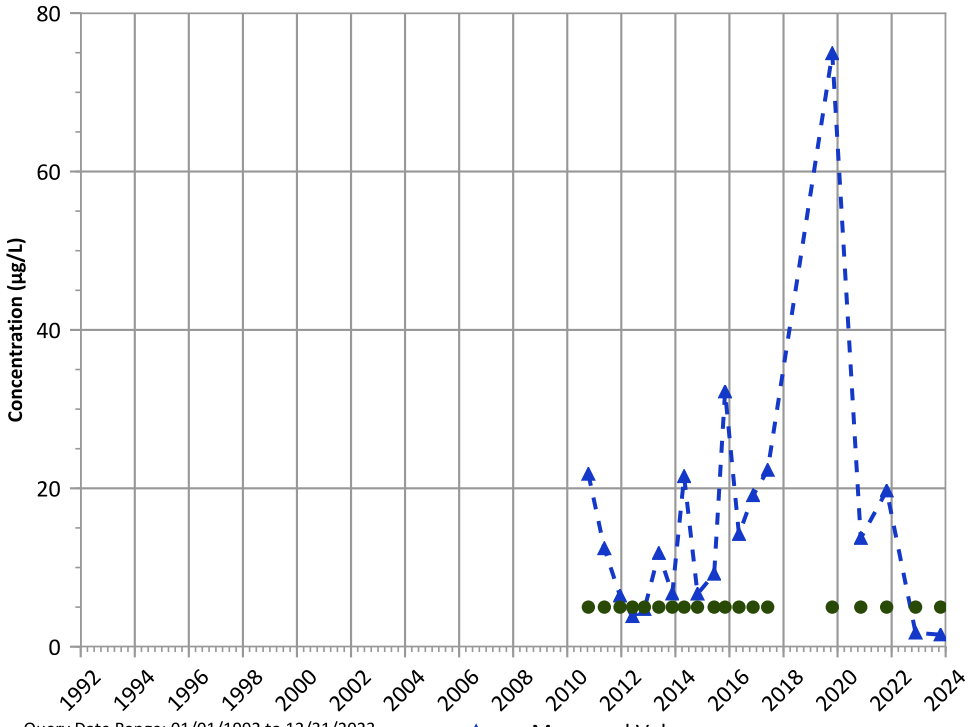


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Manganese Trend



Concentration Trend

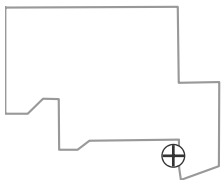
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

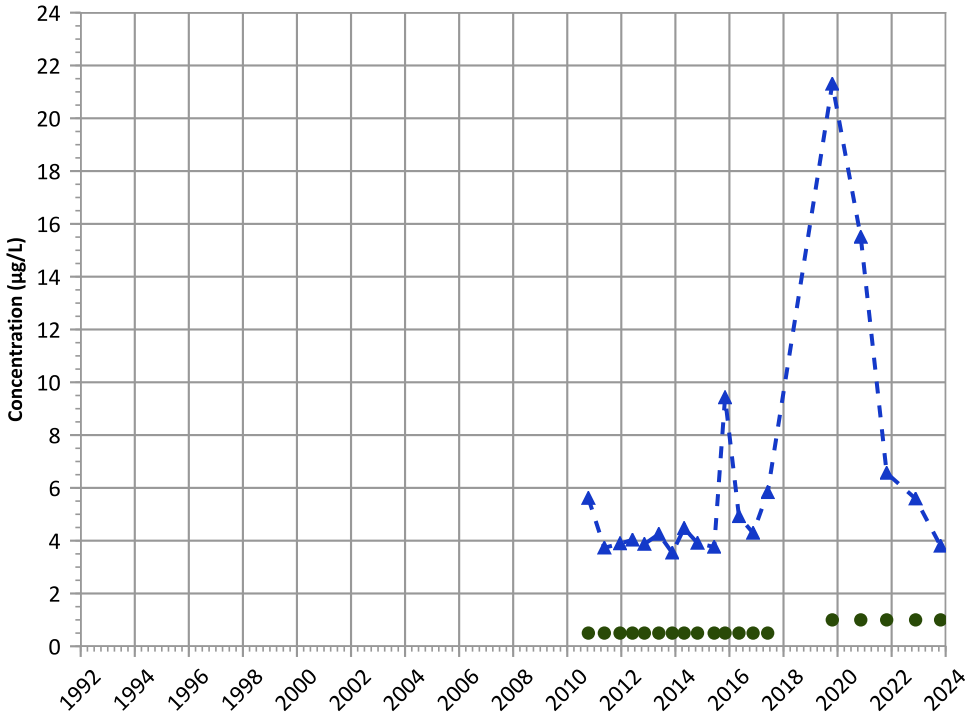
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

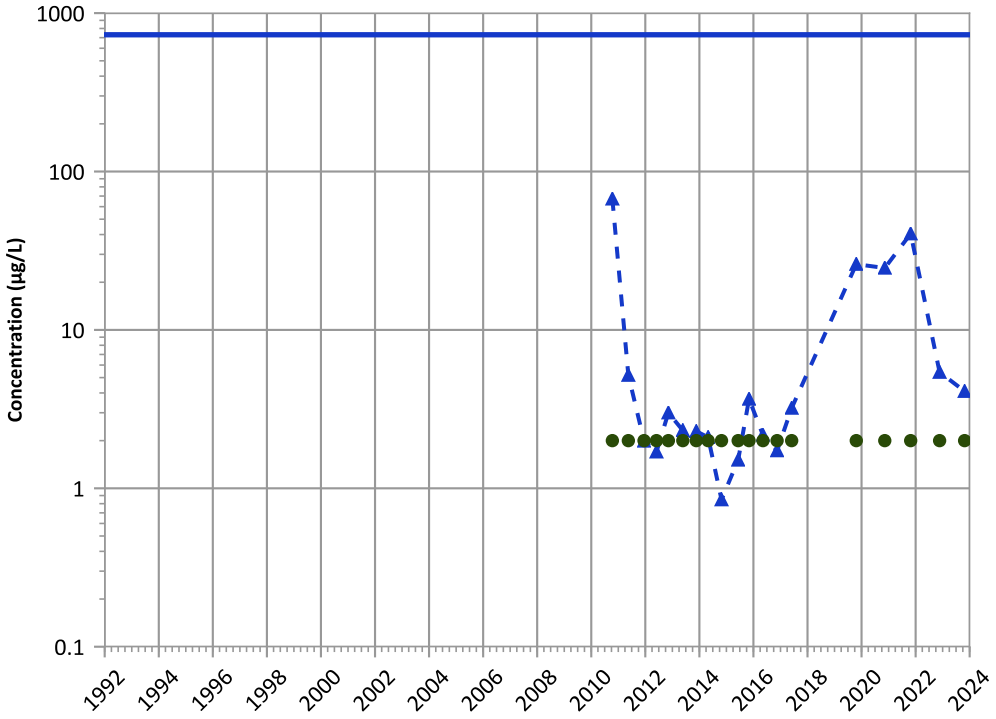


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Nickel Trend



Concentration Trend

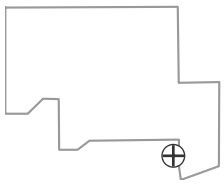
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

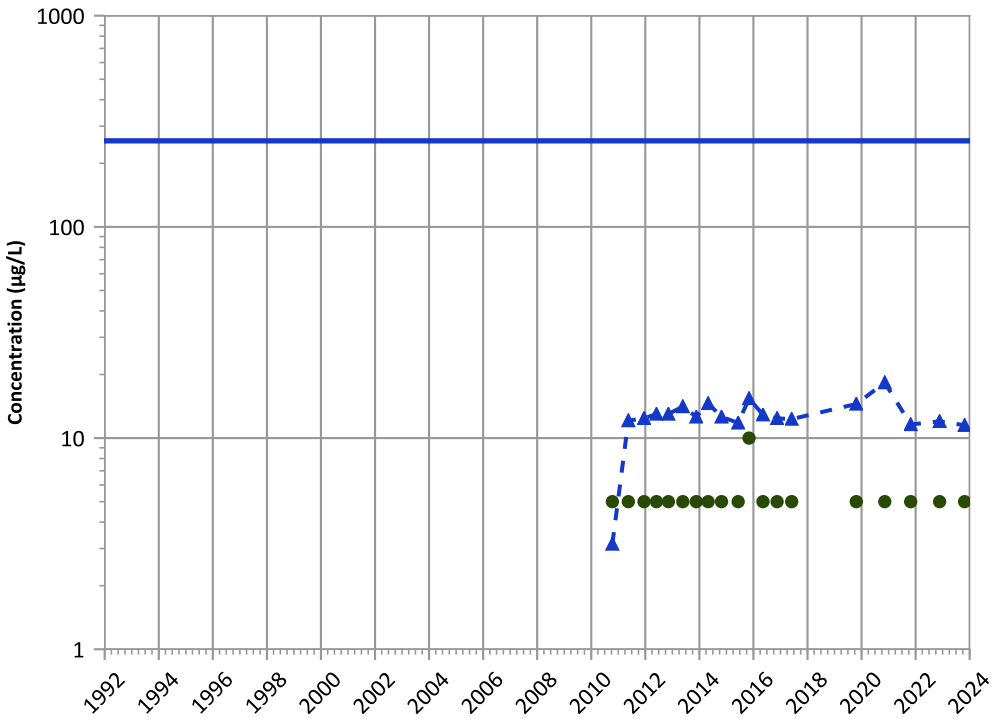
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

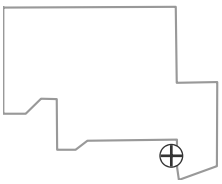
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

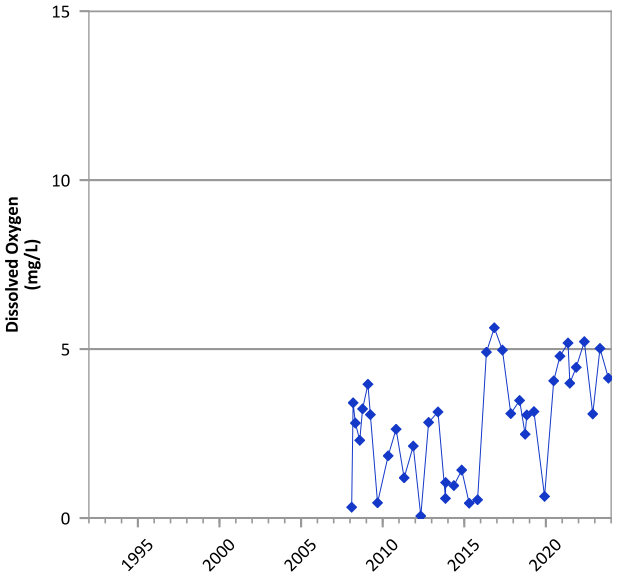
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/2010 to 10/25/2023
Analysis Date: 04/01/2024

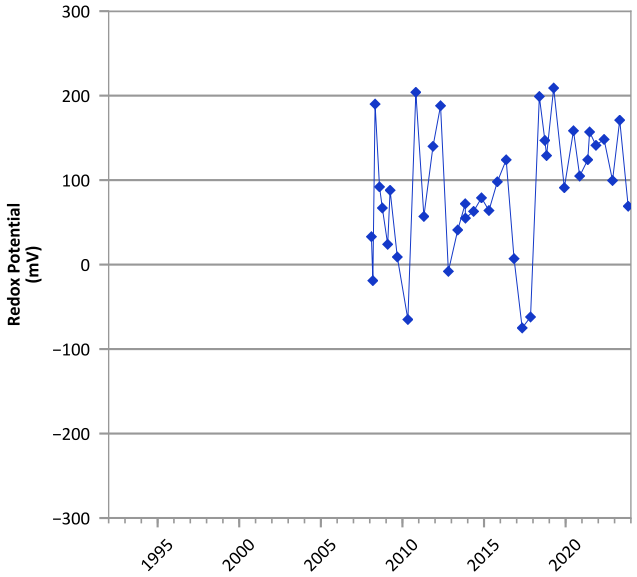
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

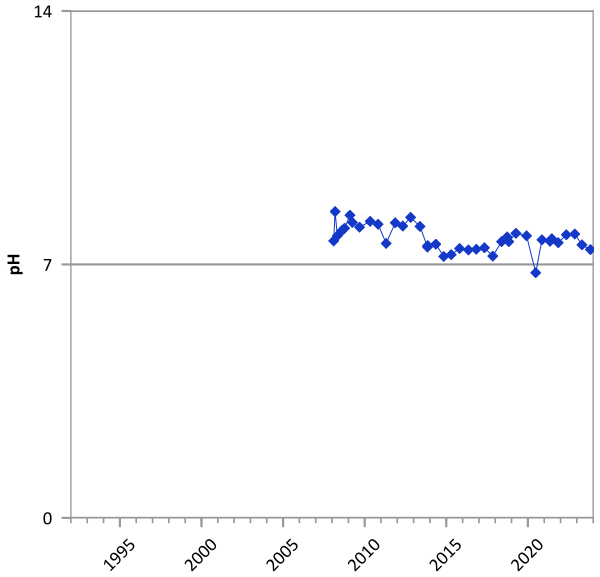
Well Location

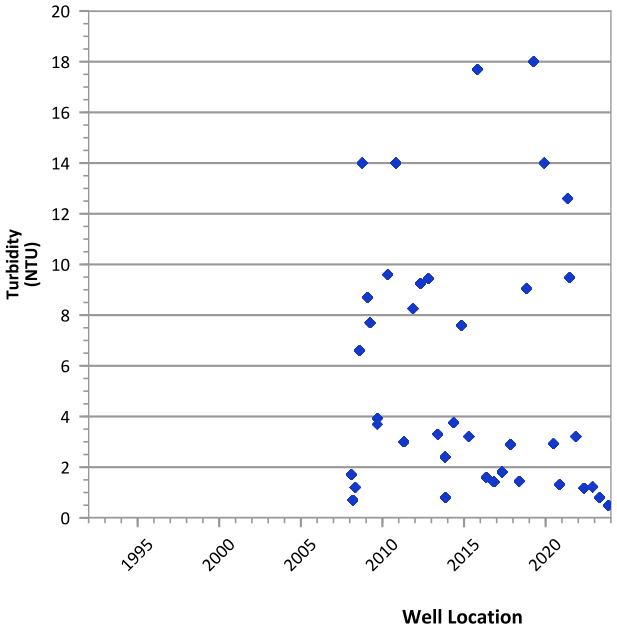


PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

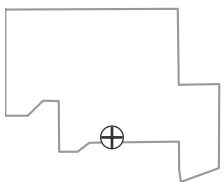






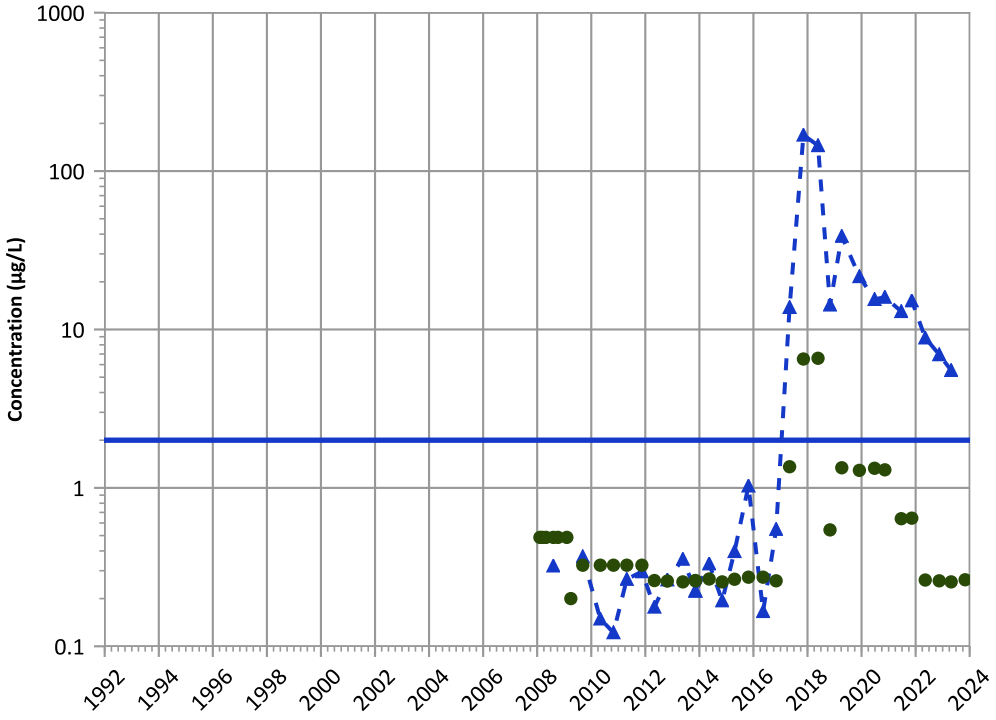


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

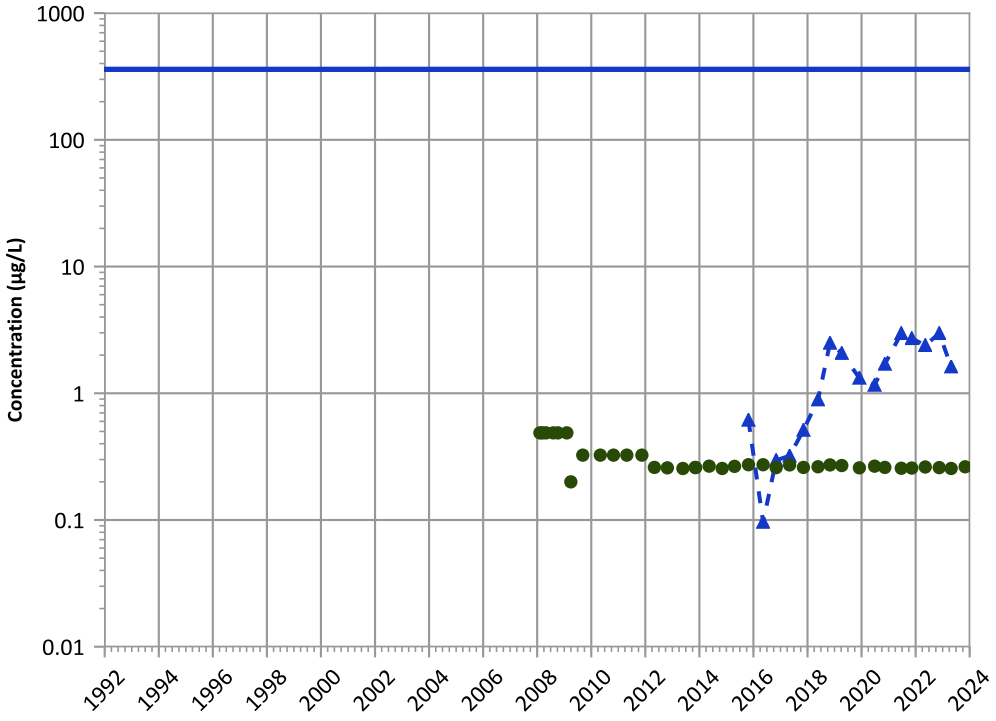


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

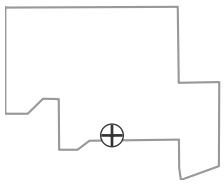
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

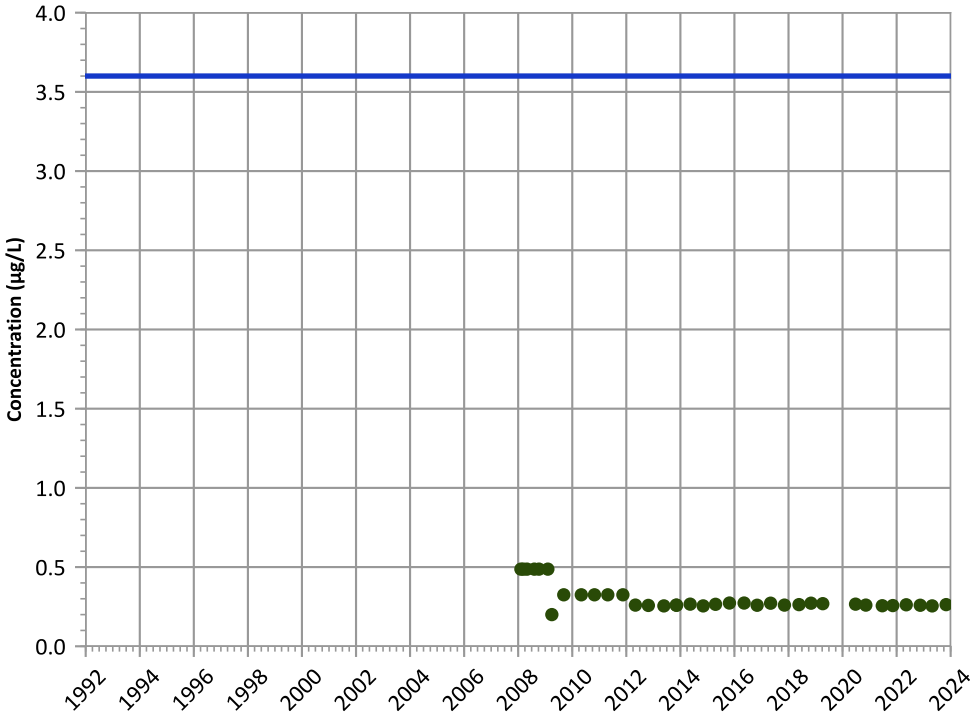
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

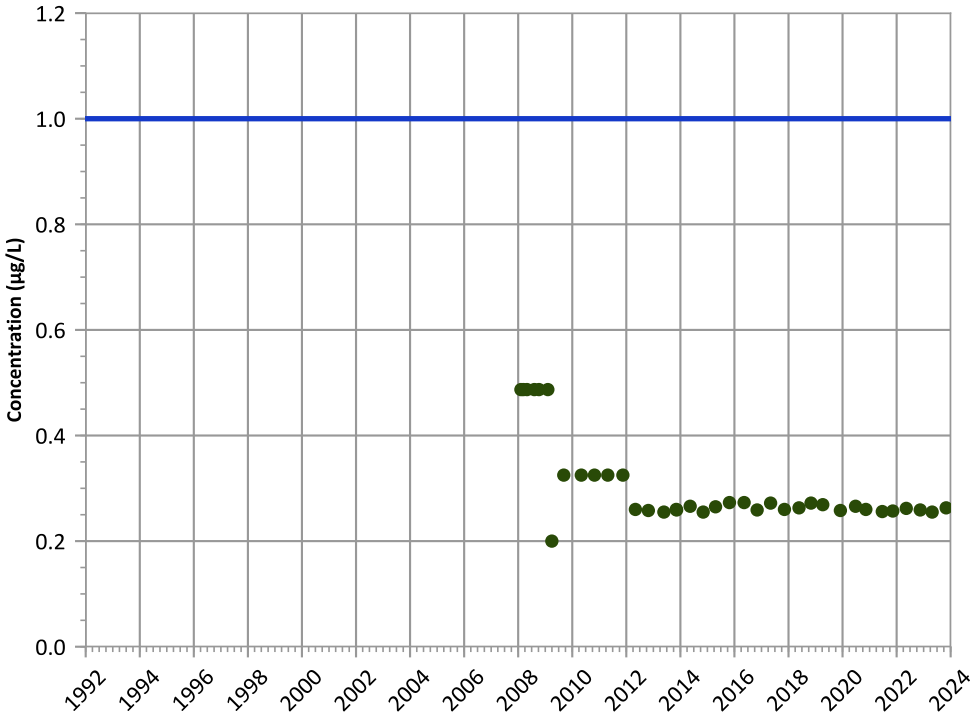


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

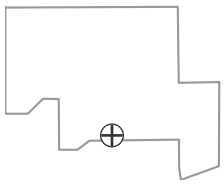
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

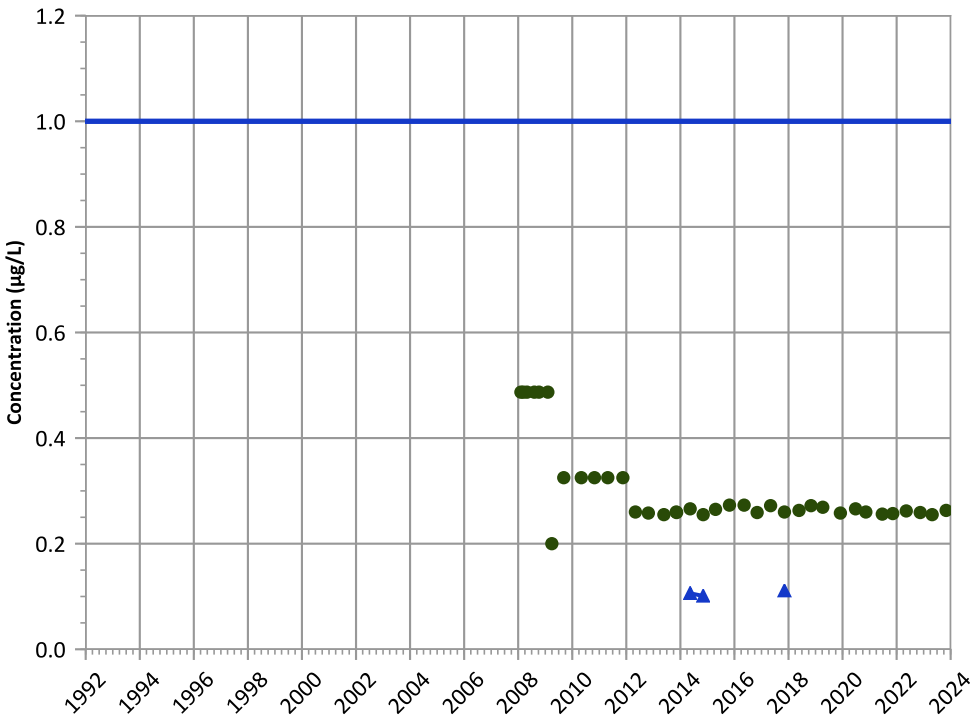
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

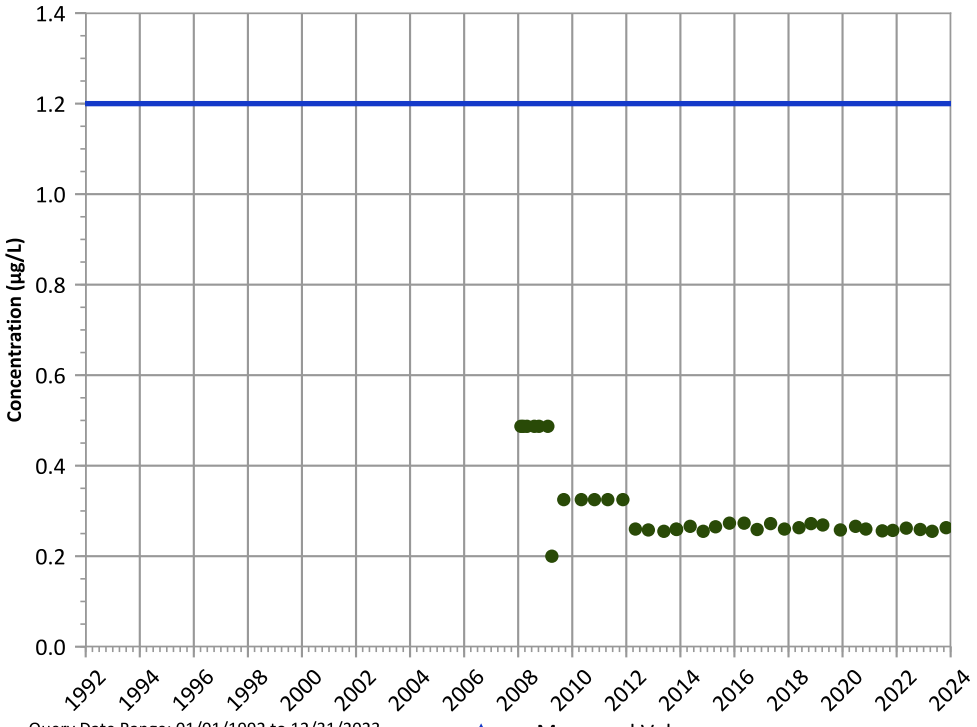


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

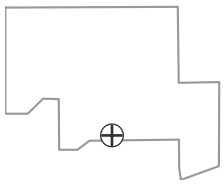
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

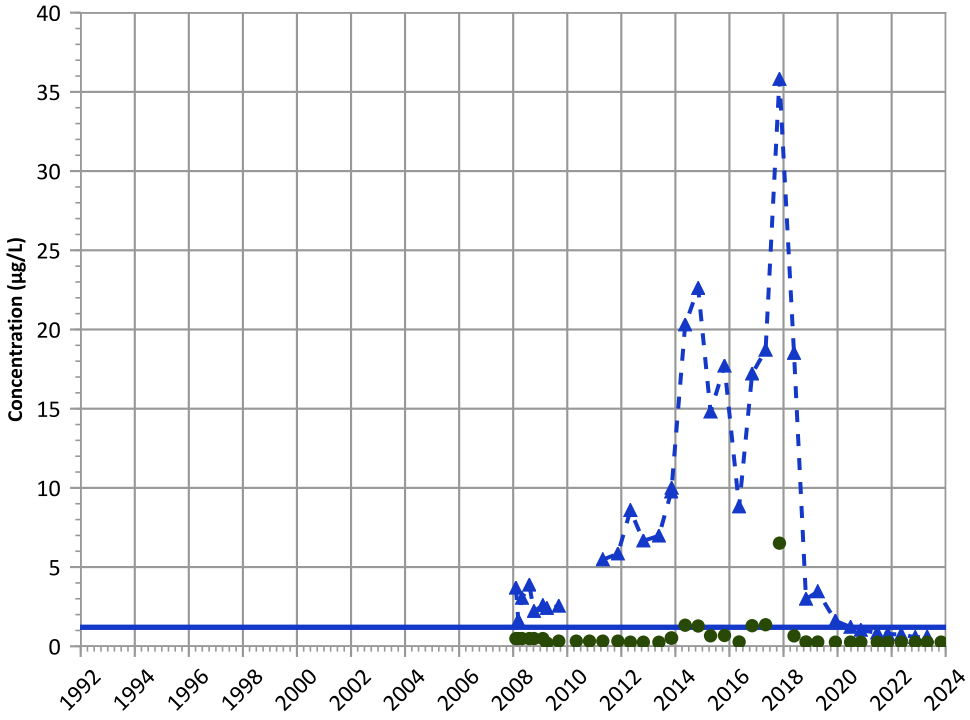
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

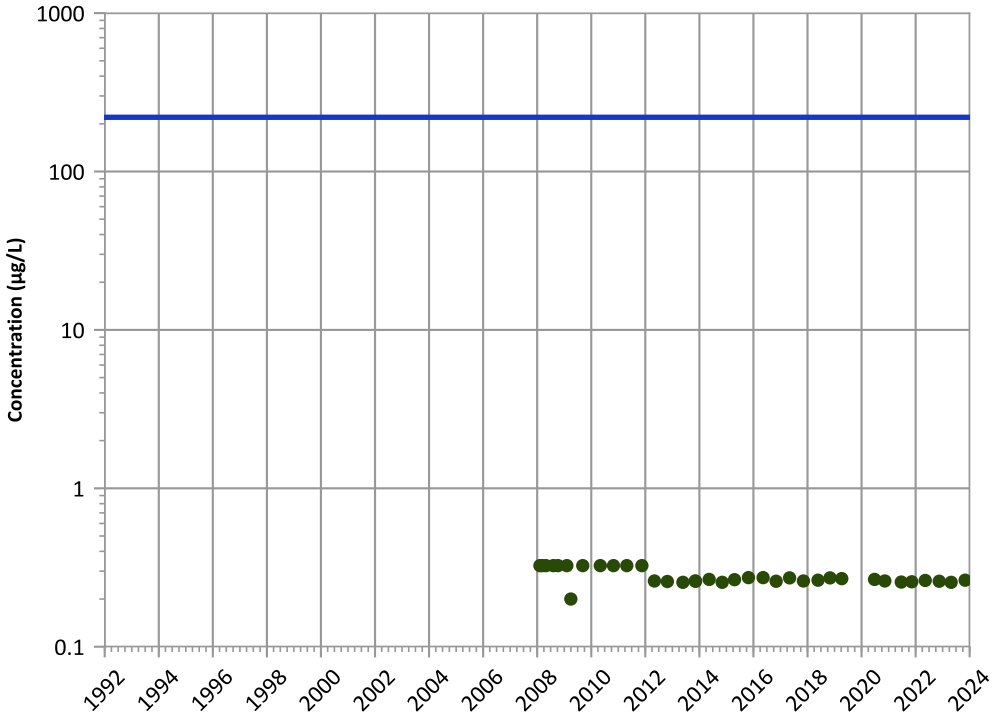


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

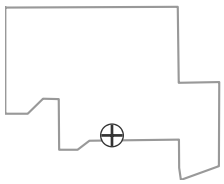
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

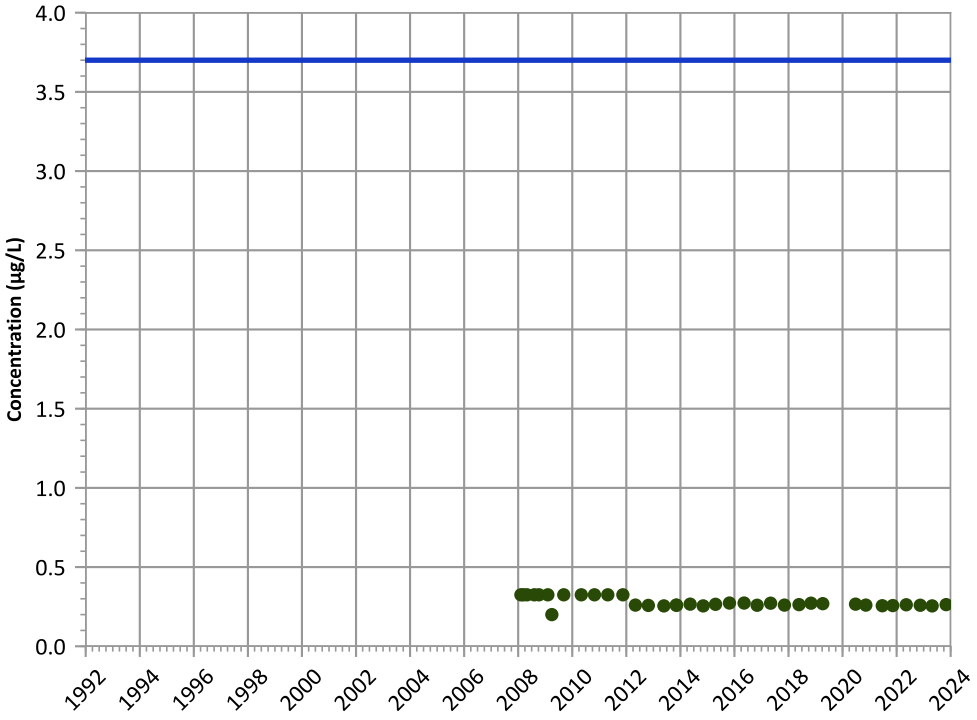
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

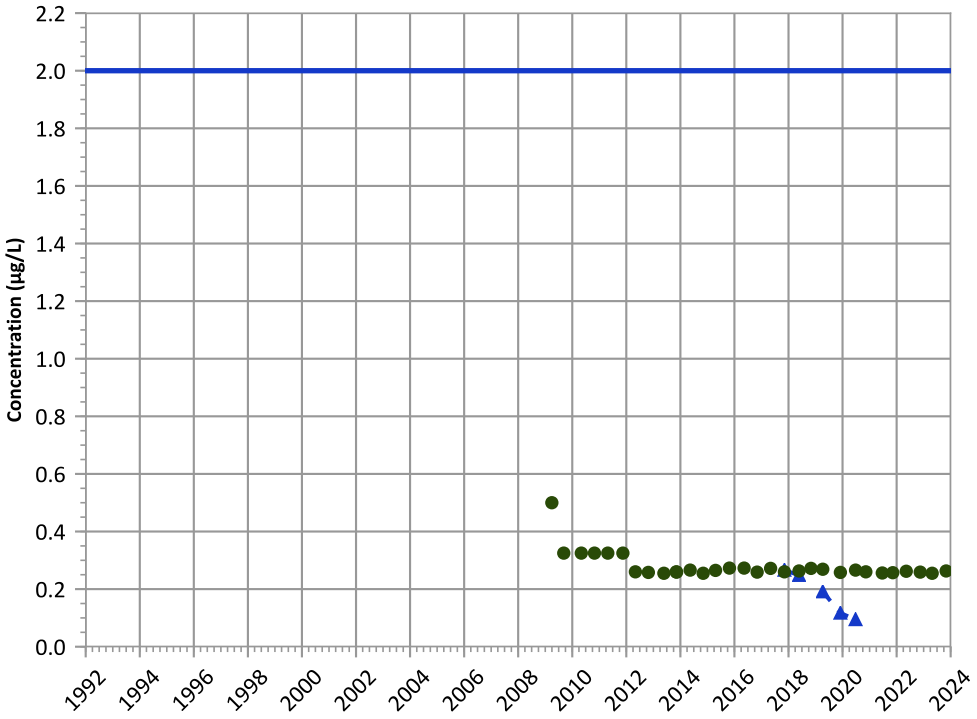


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

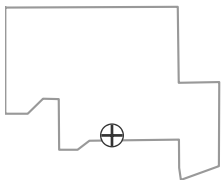
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

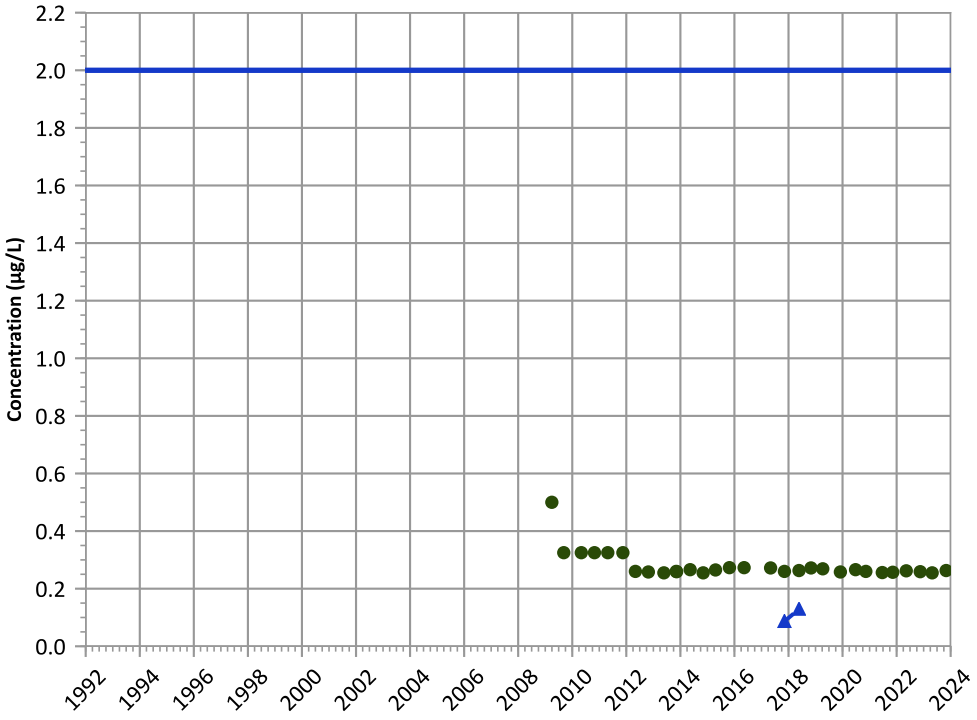
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

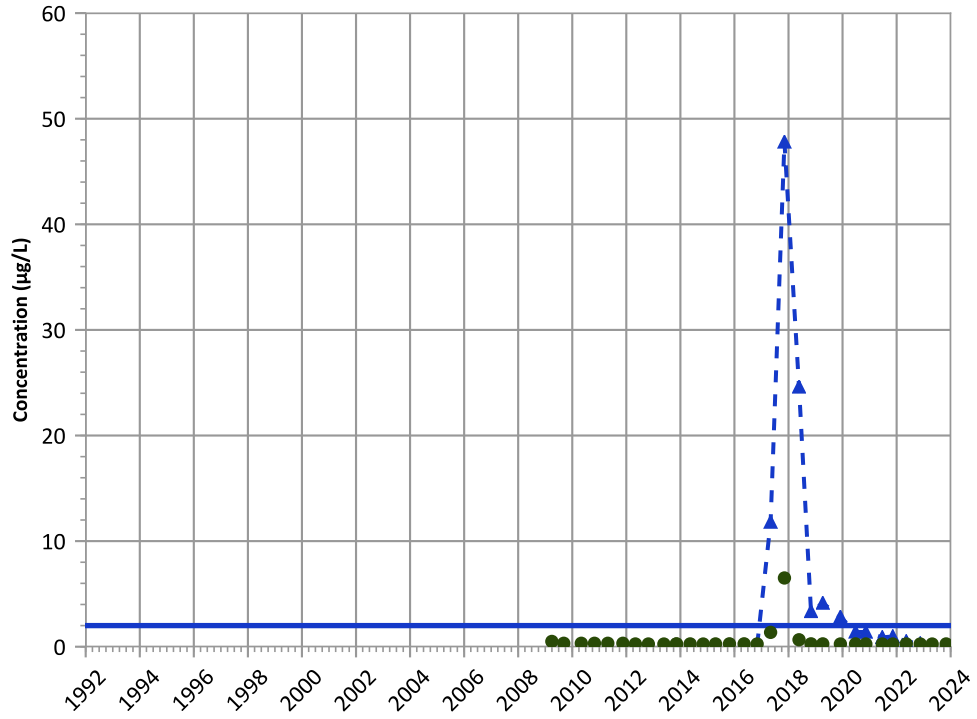


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

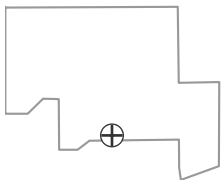
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

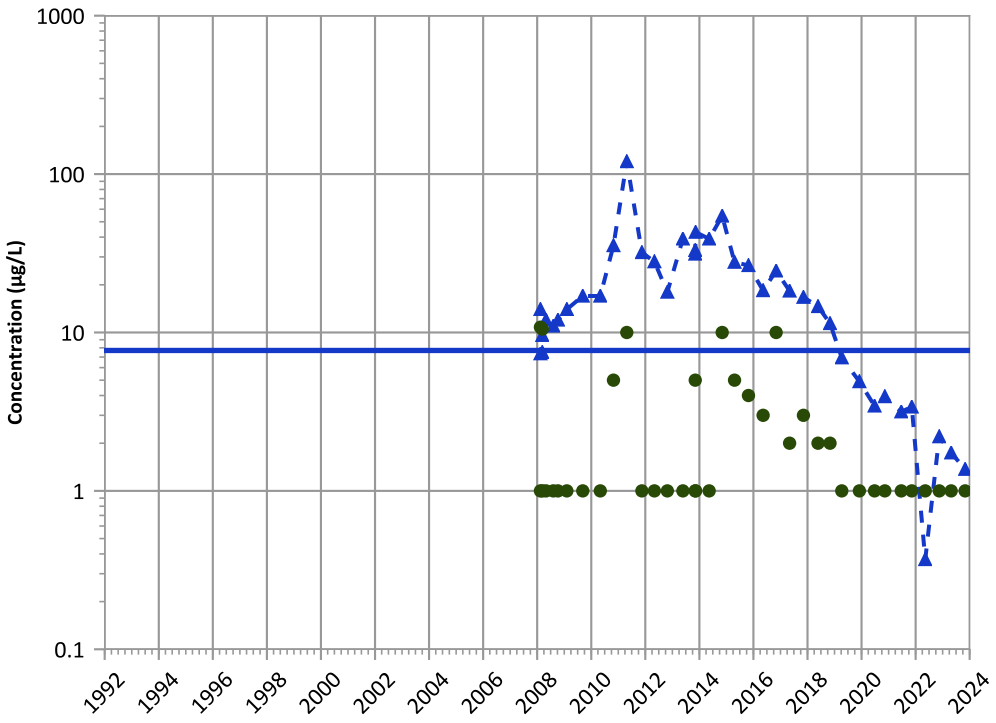
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

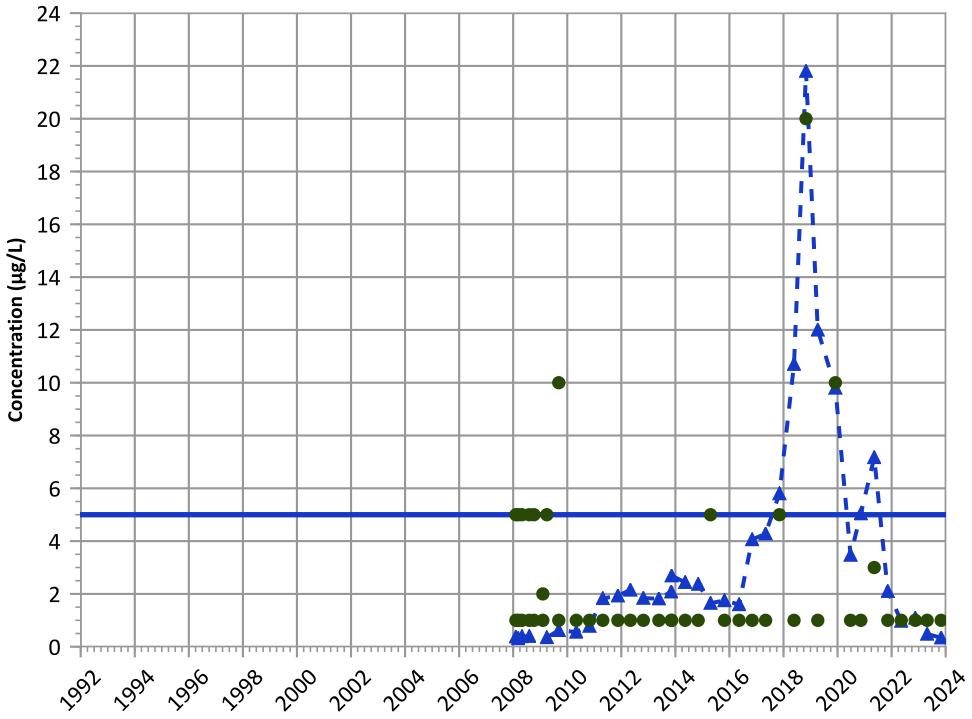


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

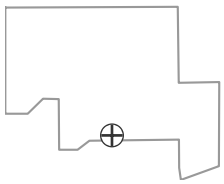
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

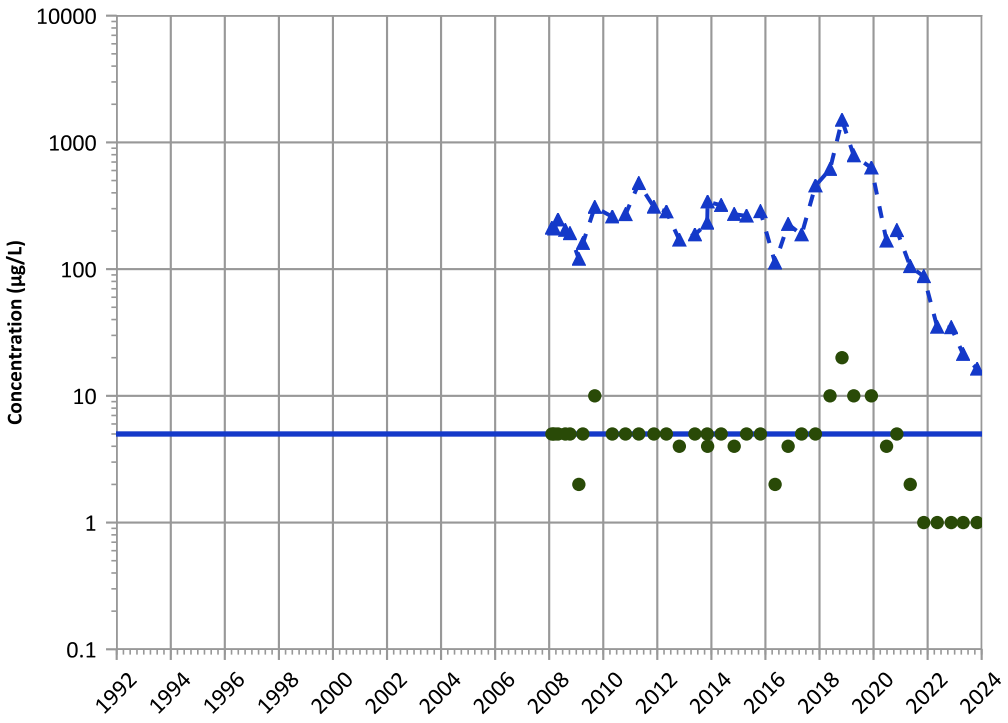
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

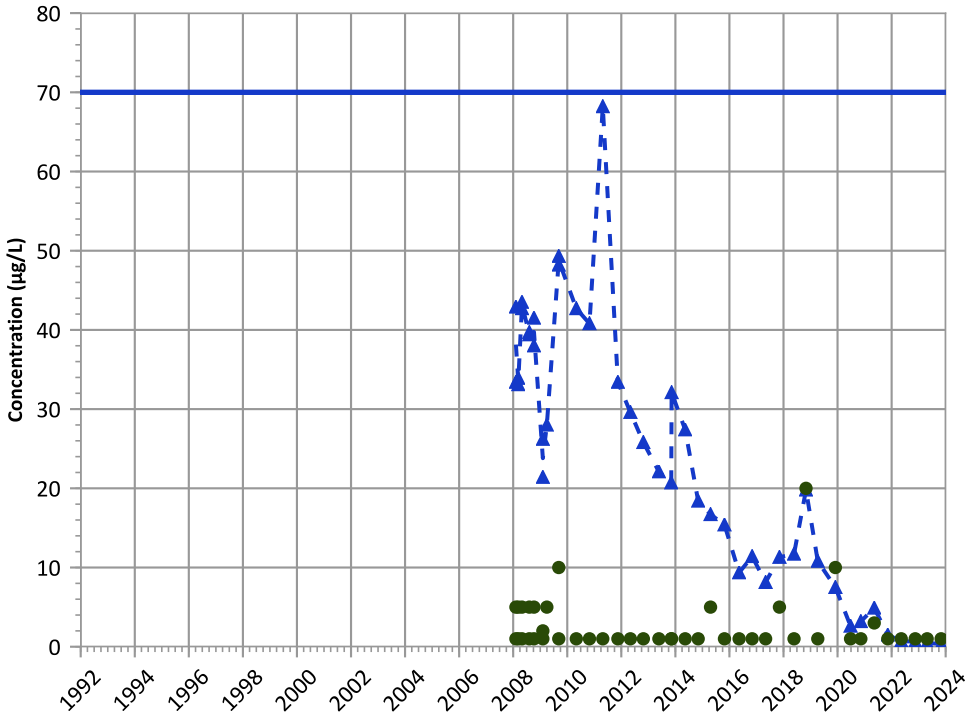


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

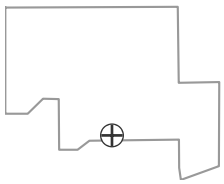
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

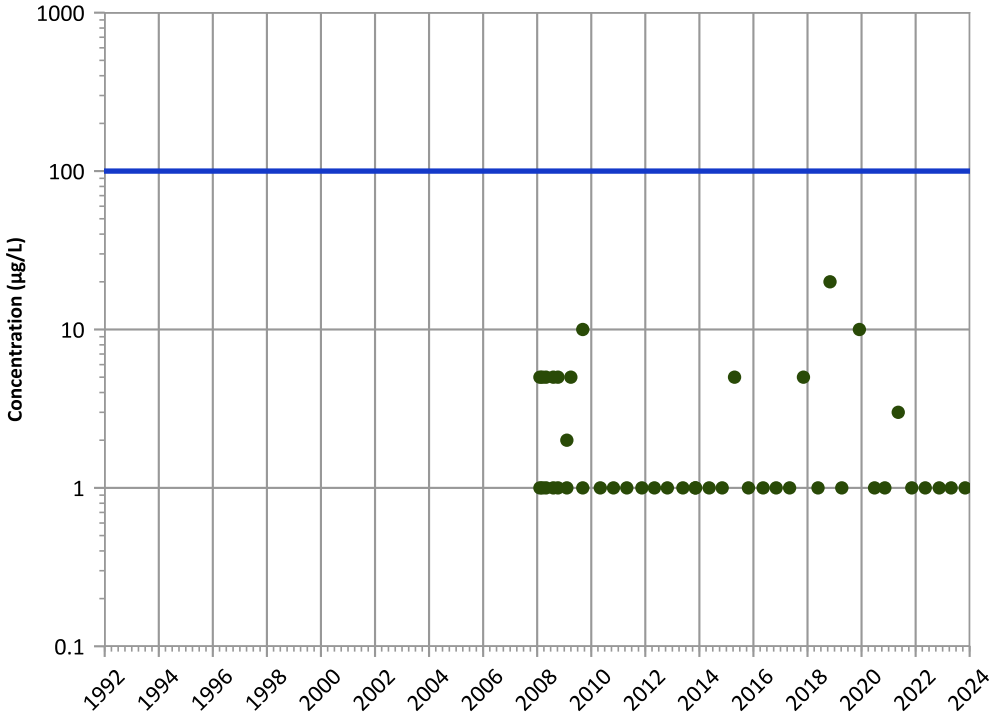
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

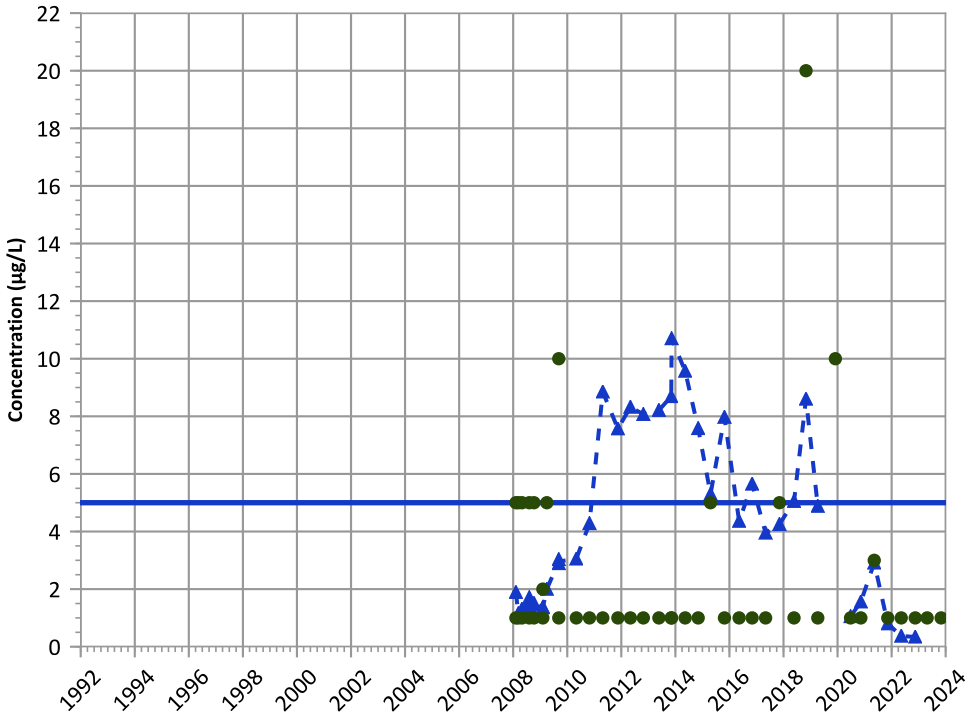


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

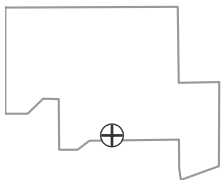
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

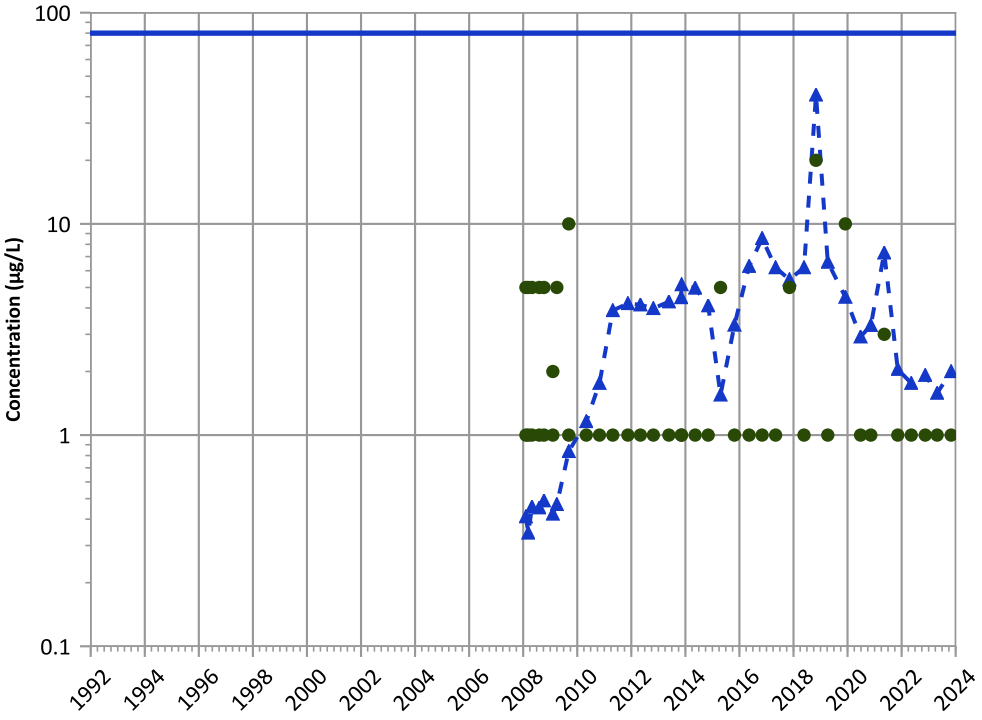
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

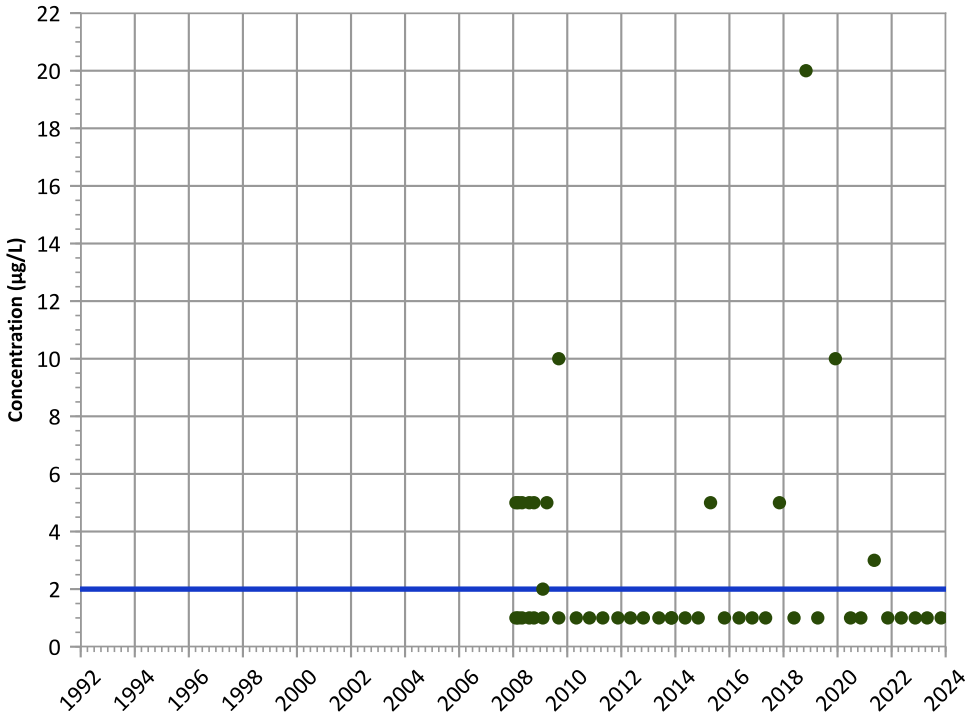


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

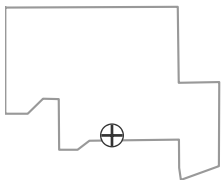
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

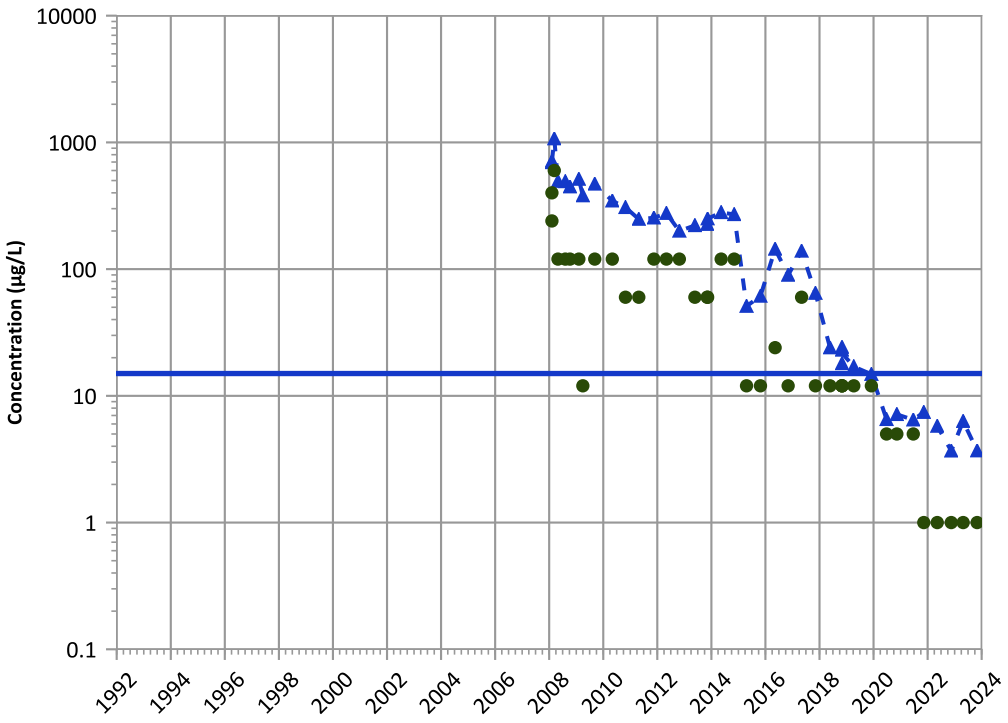
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

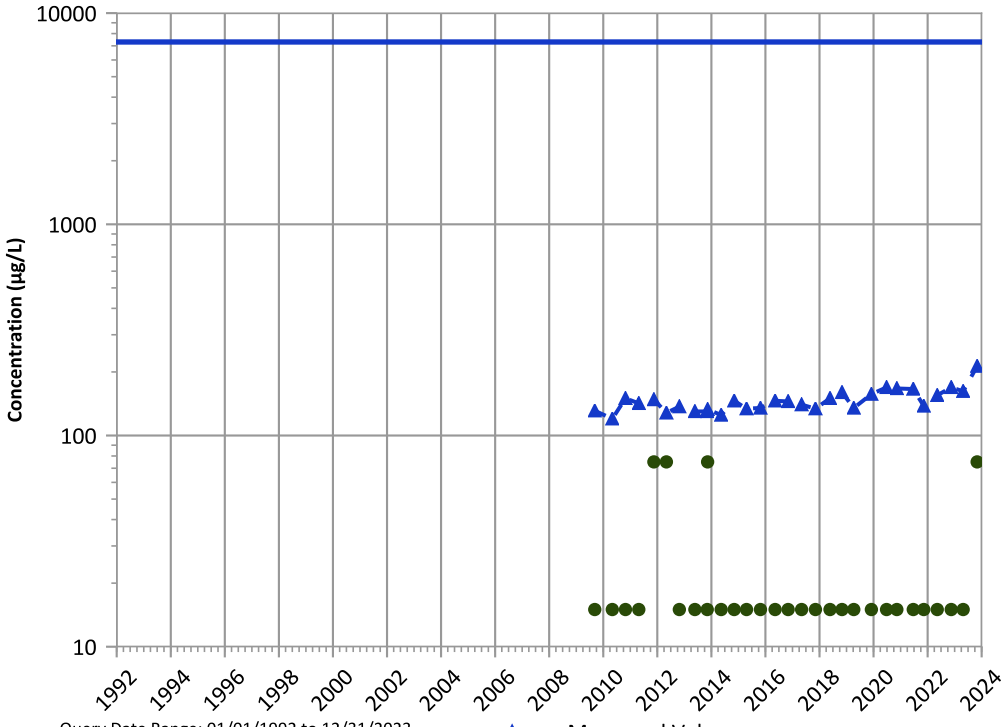


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

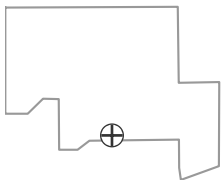
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

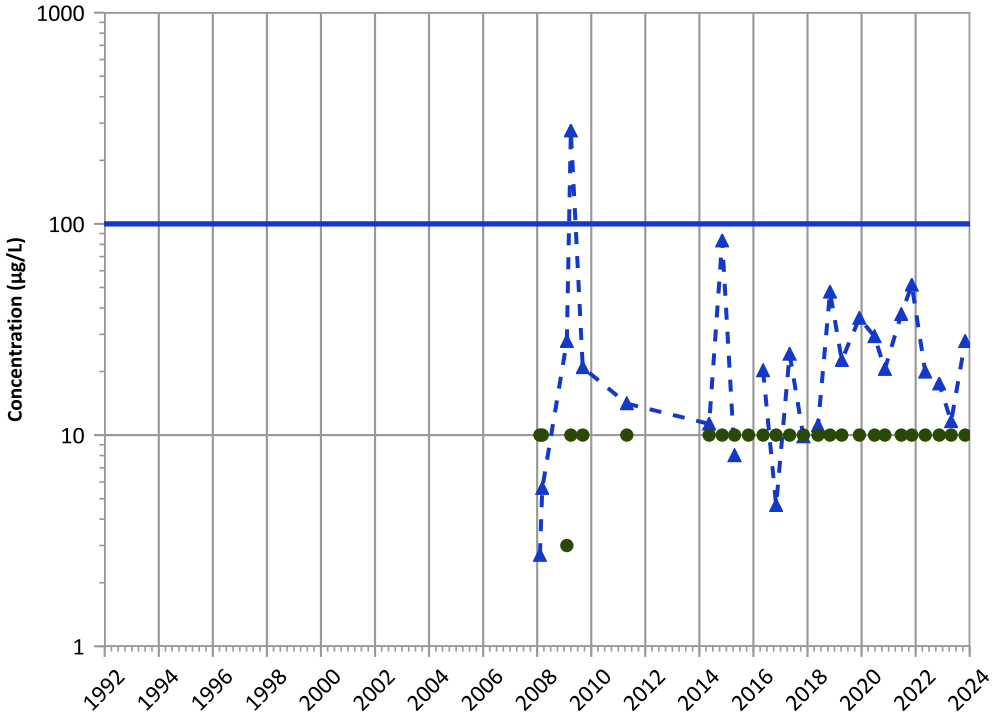
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

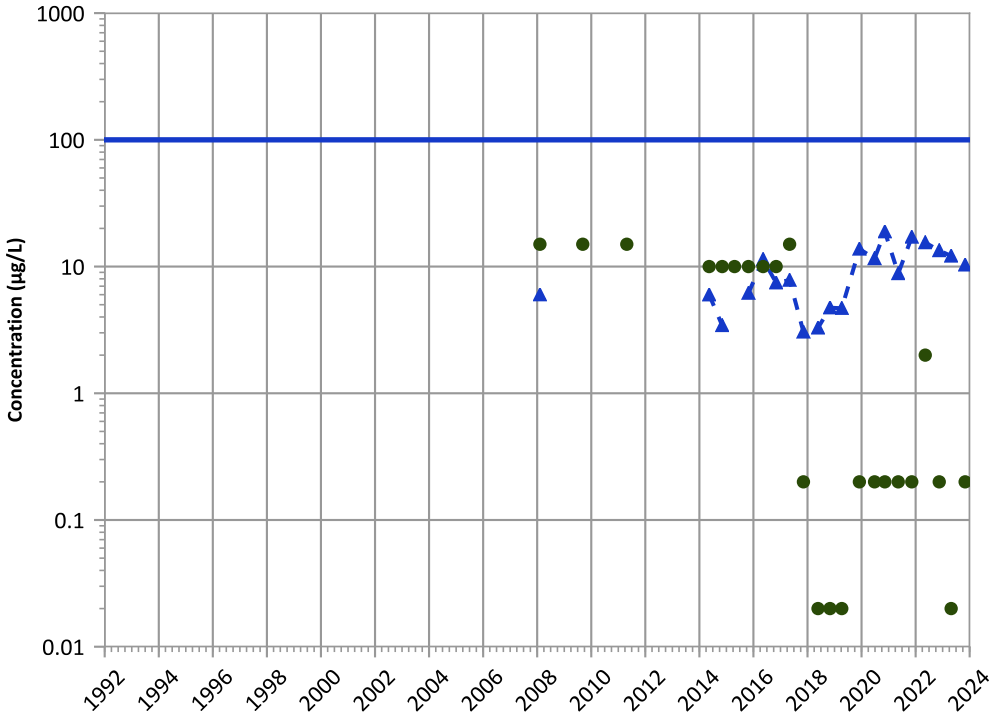


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

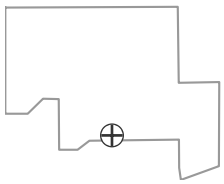
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

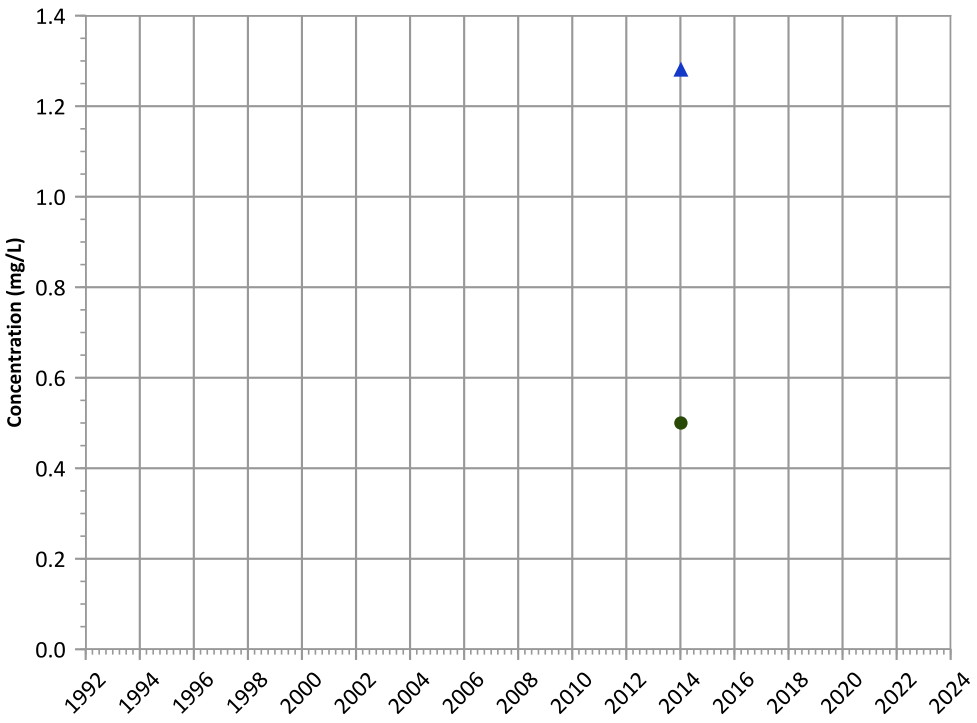
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

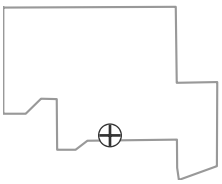
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

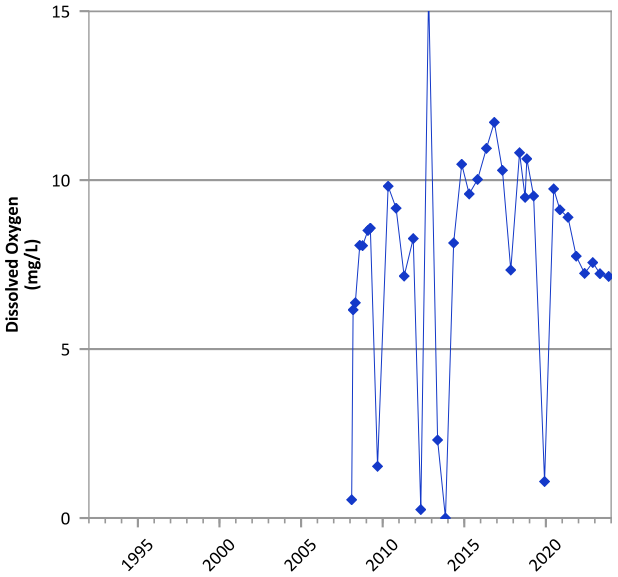
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/01/2023
Analysis Date: 04/01/2024

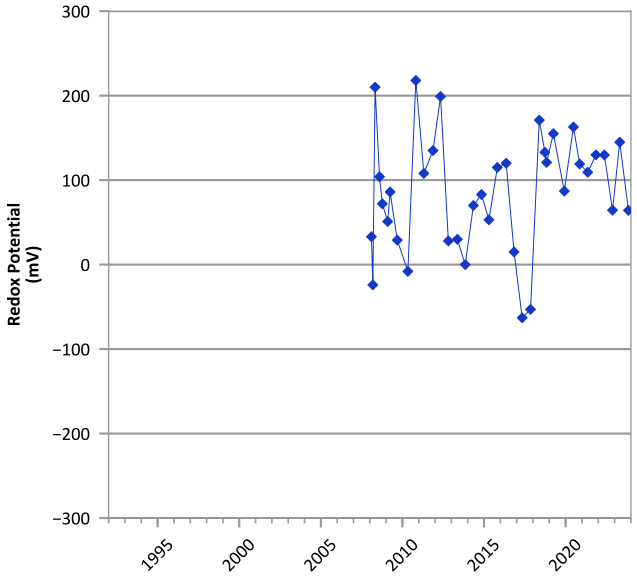
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

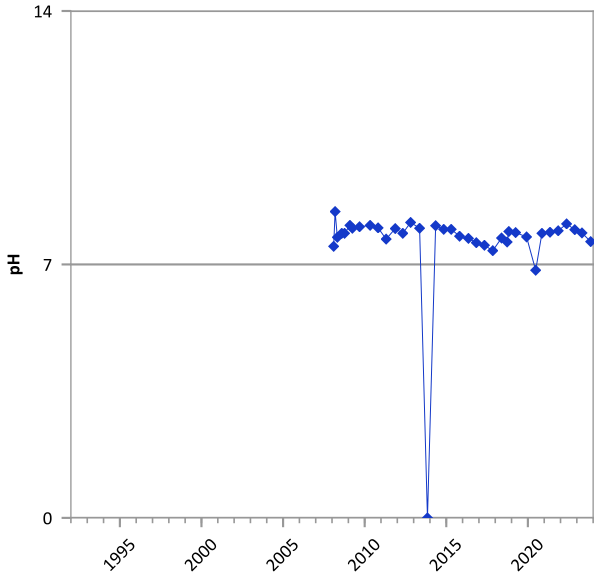
Well Location

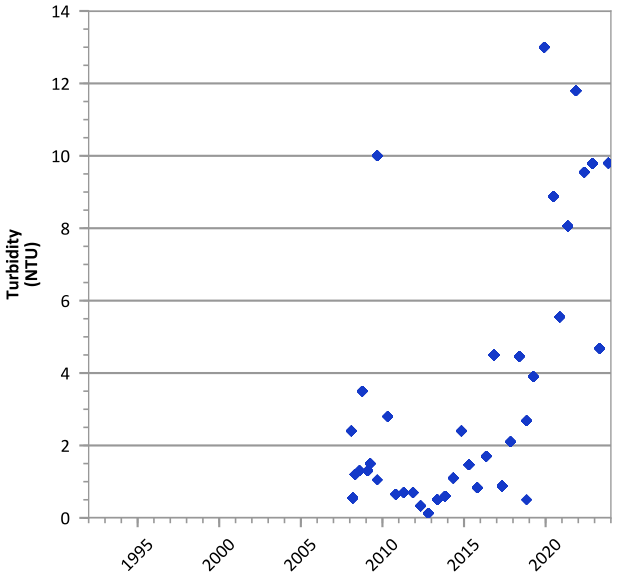


PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

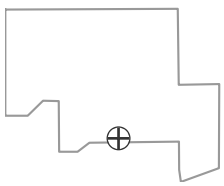






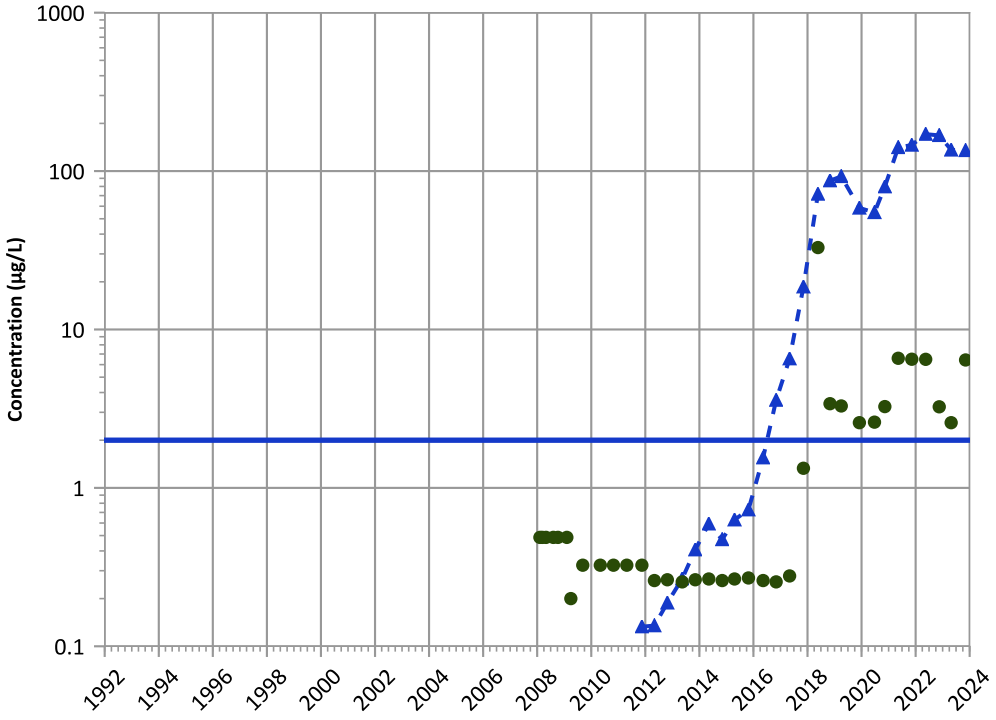


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

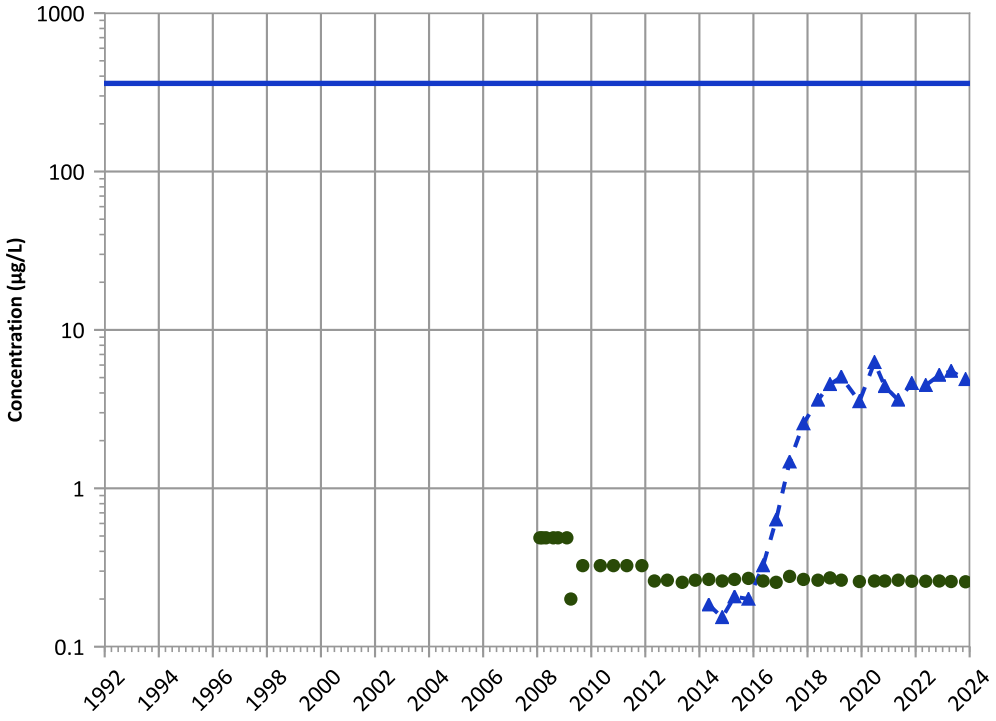


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

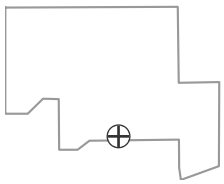
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

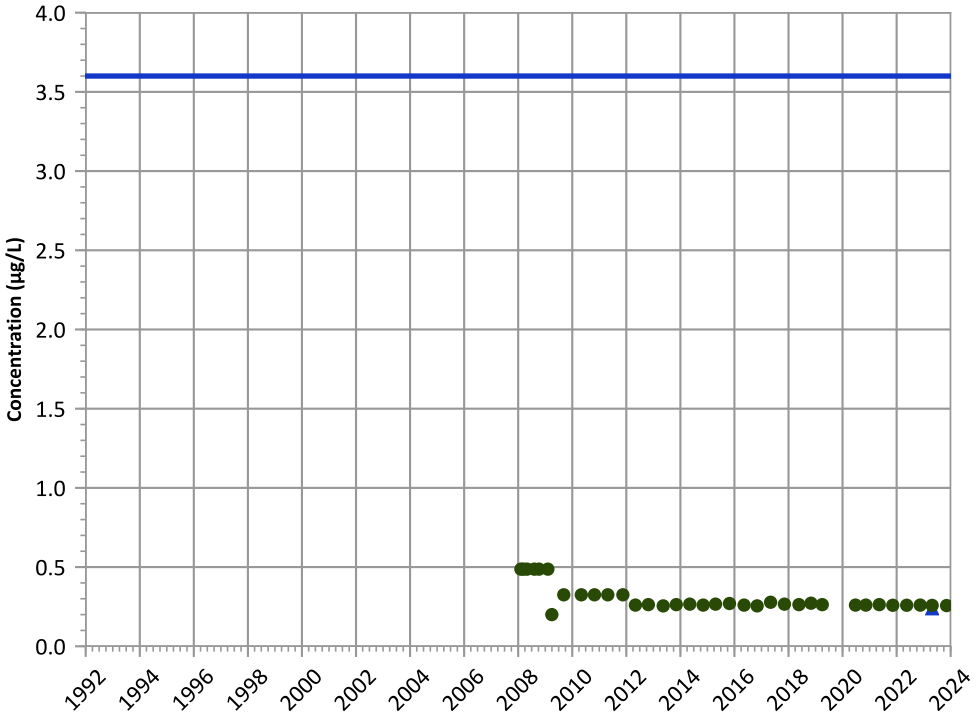
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

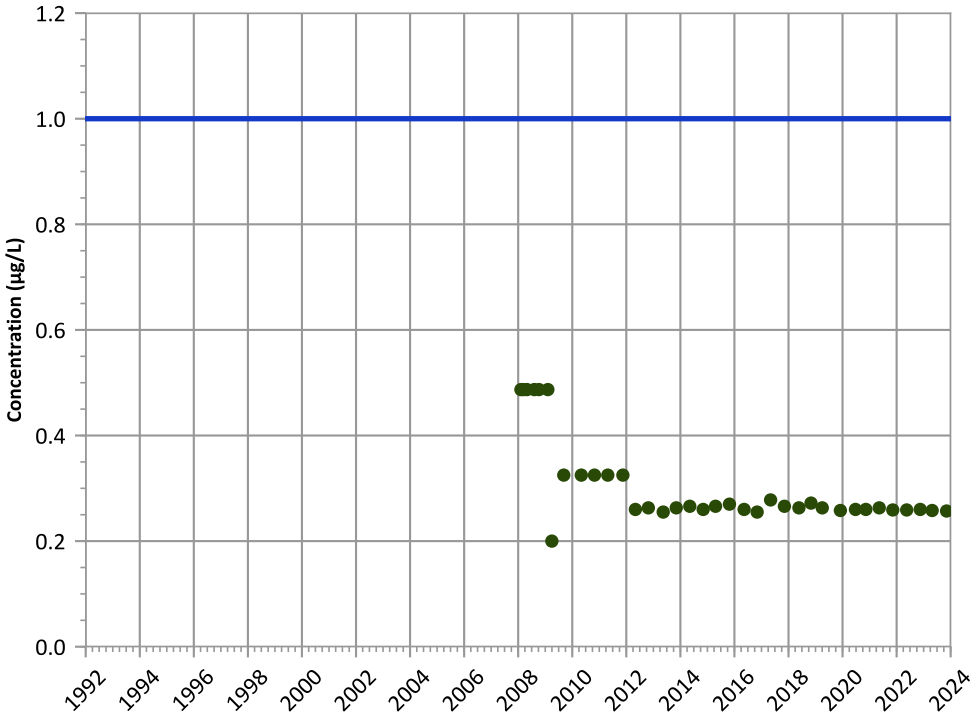


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

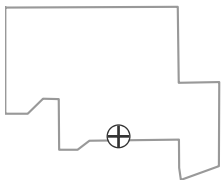
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

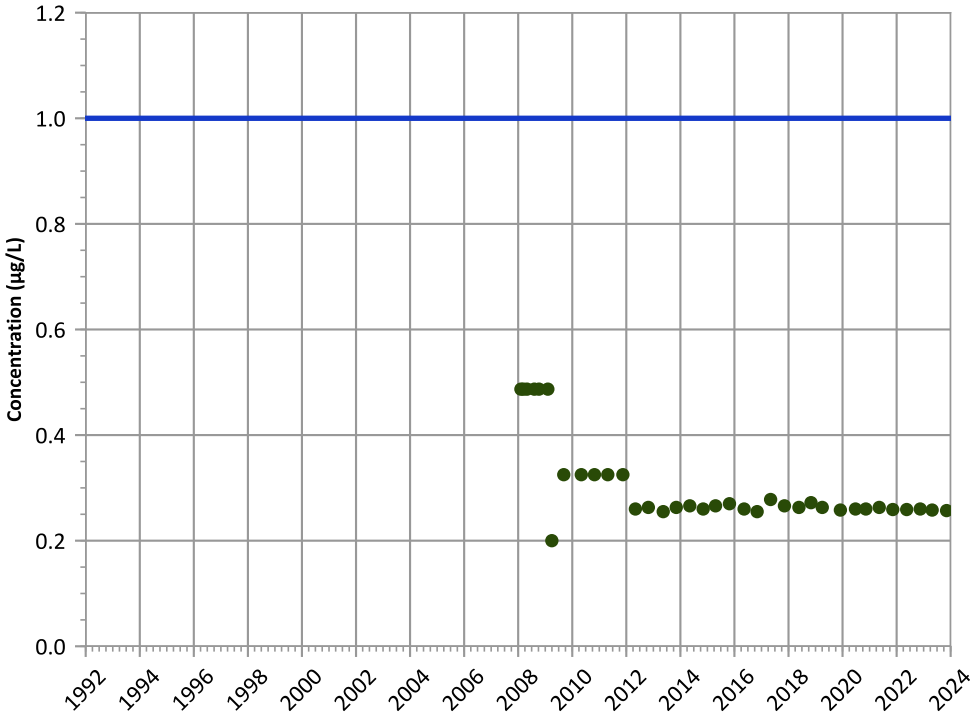
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

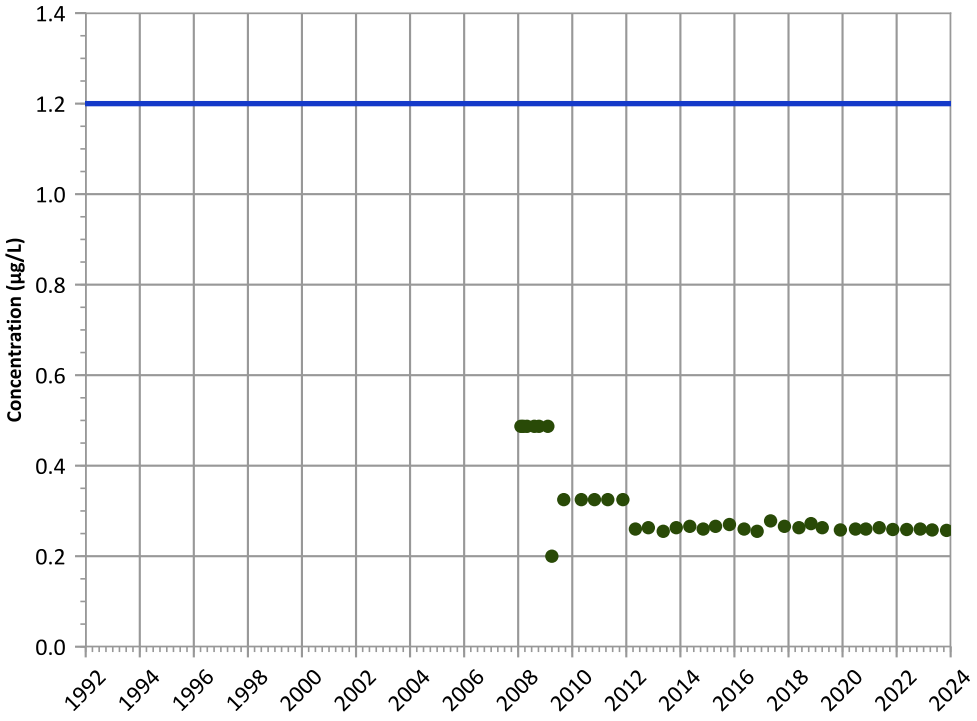


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

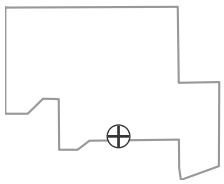
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

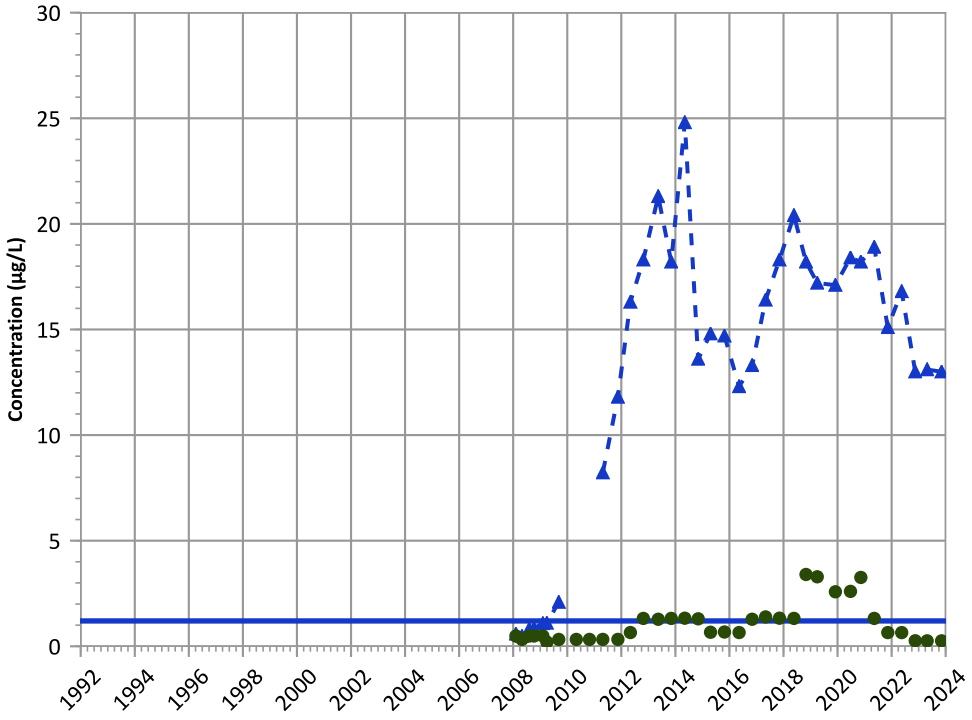
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

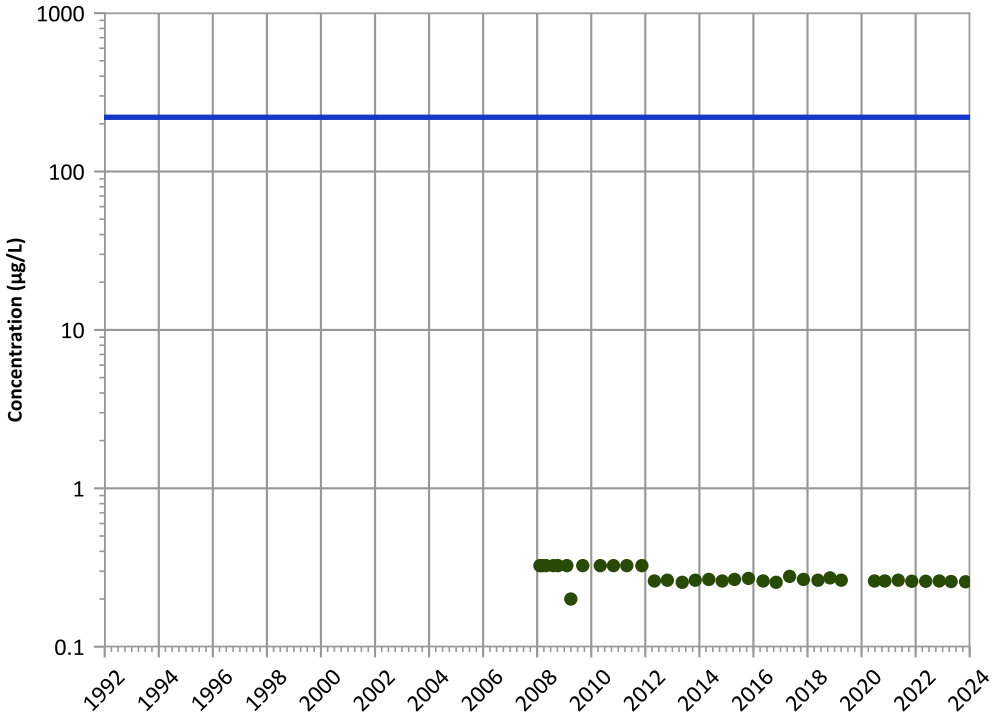


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

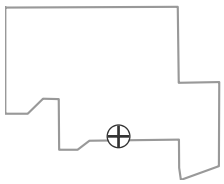
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

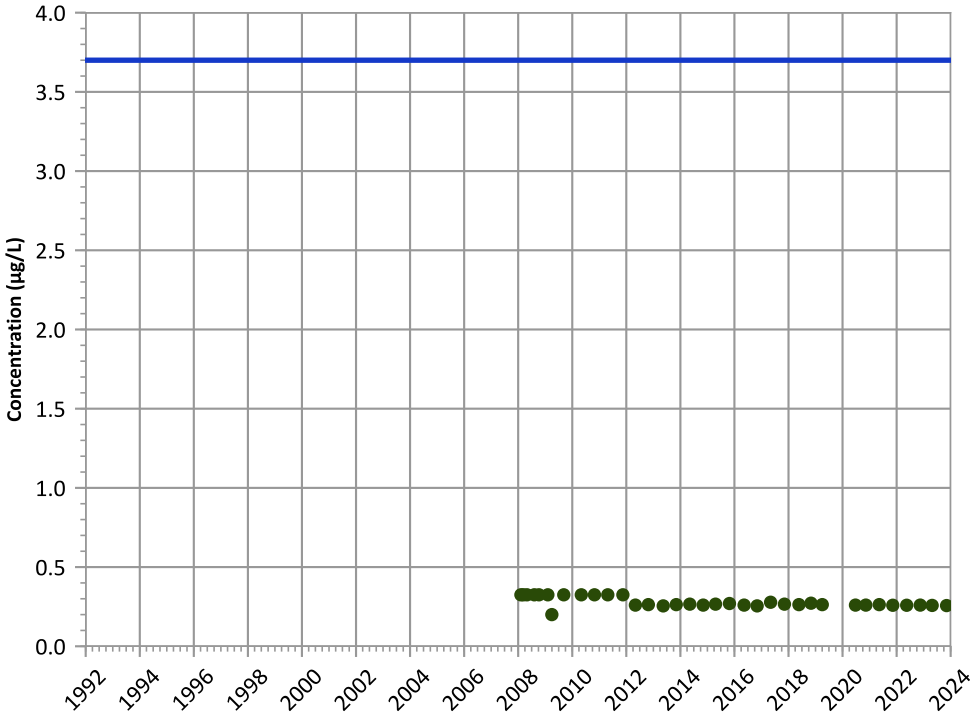
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

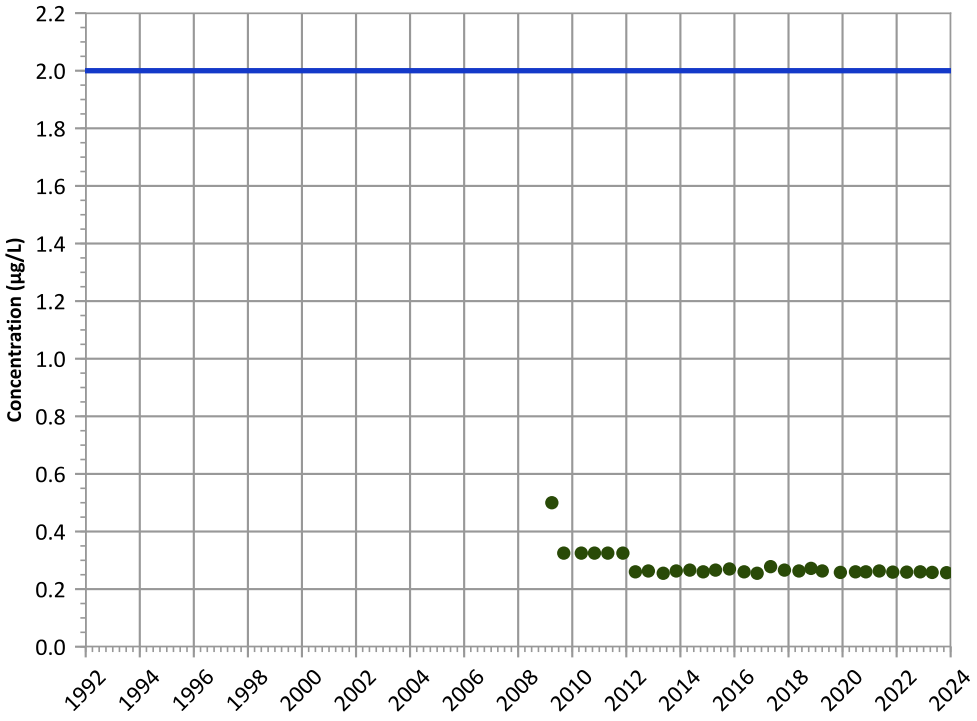


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

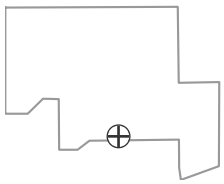
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

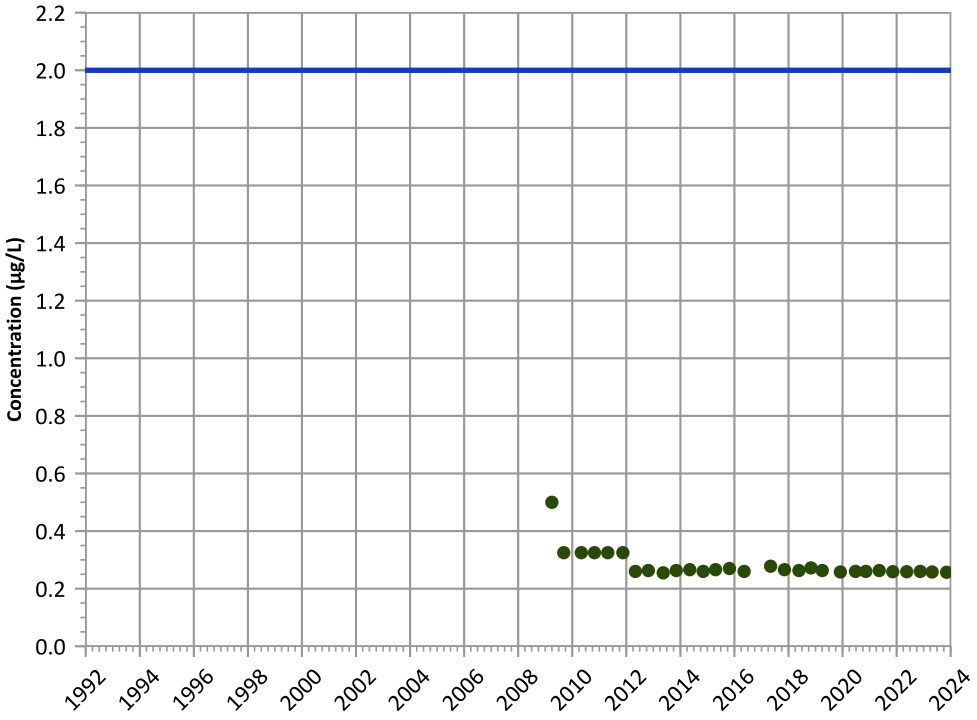
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

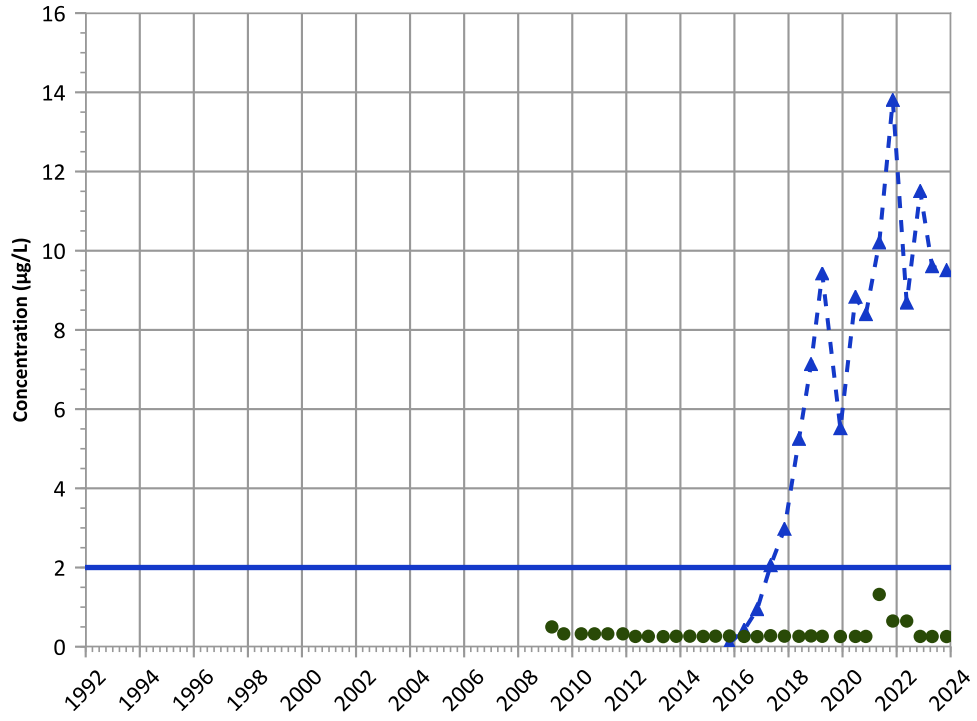


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

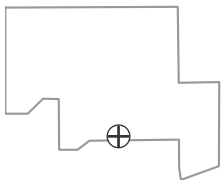
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

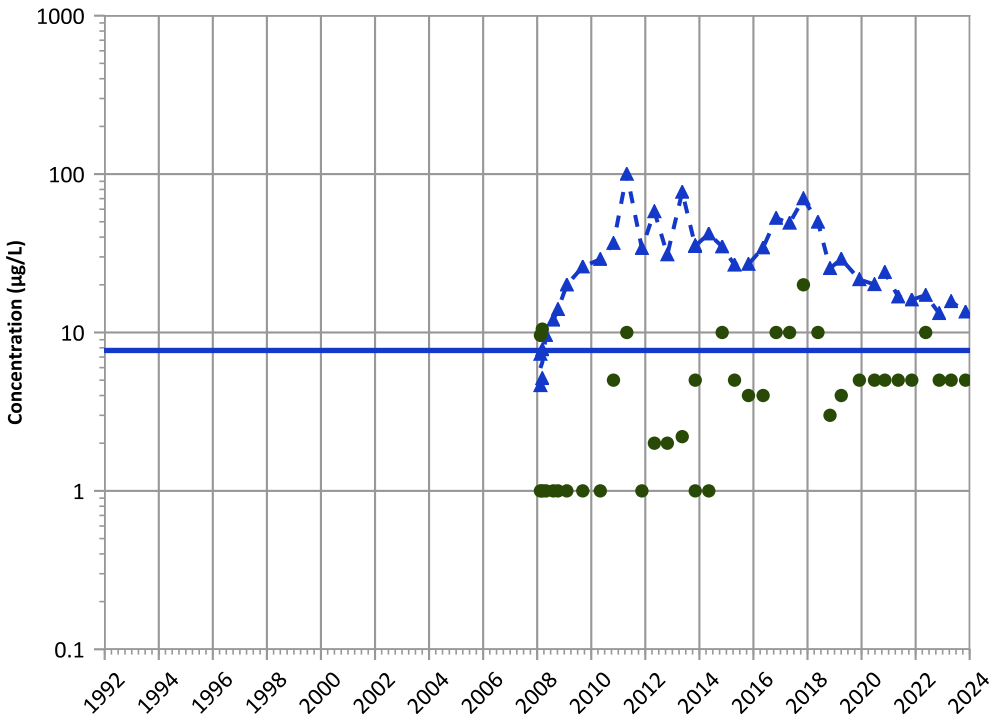
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

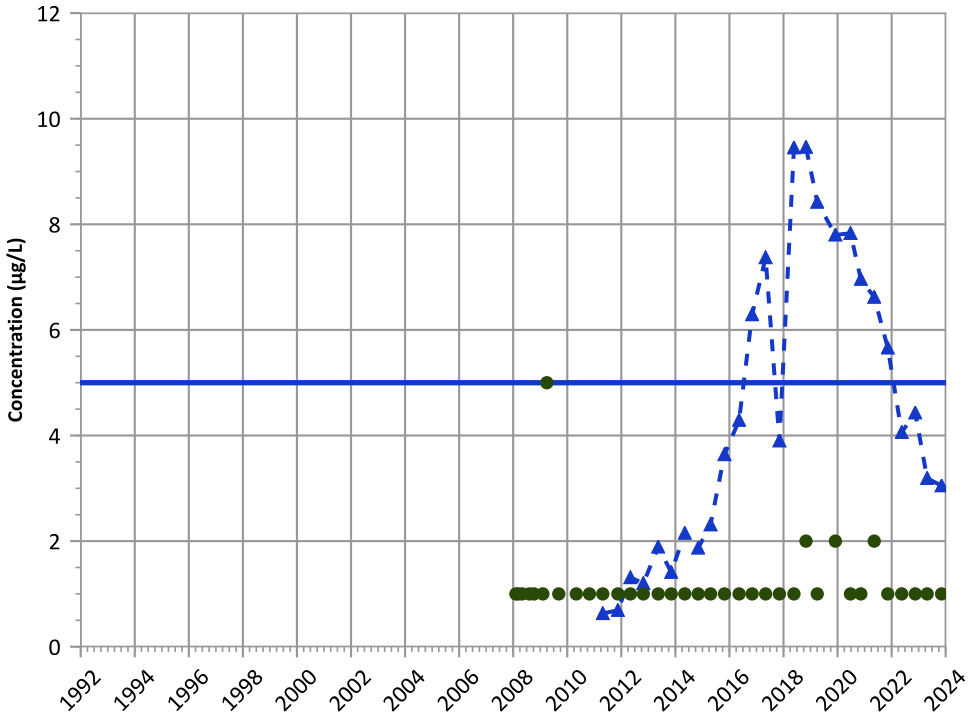


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

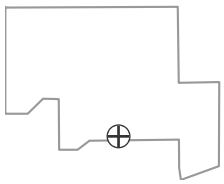
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

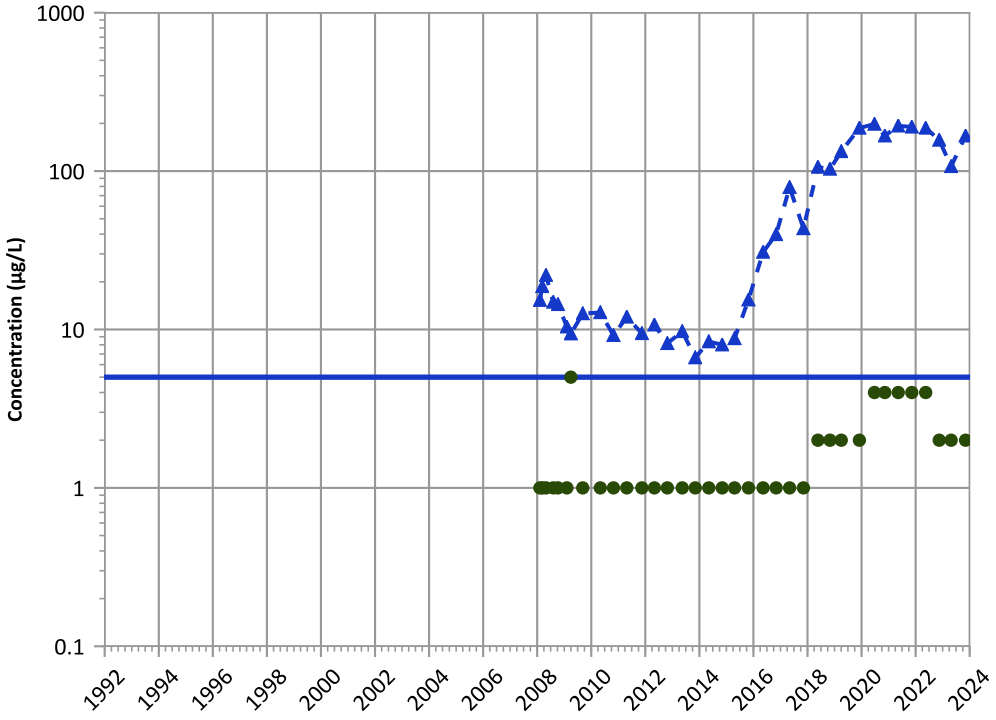
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

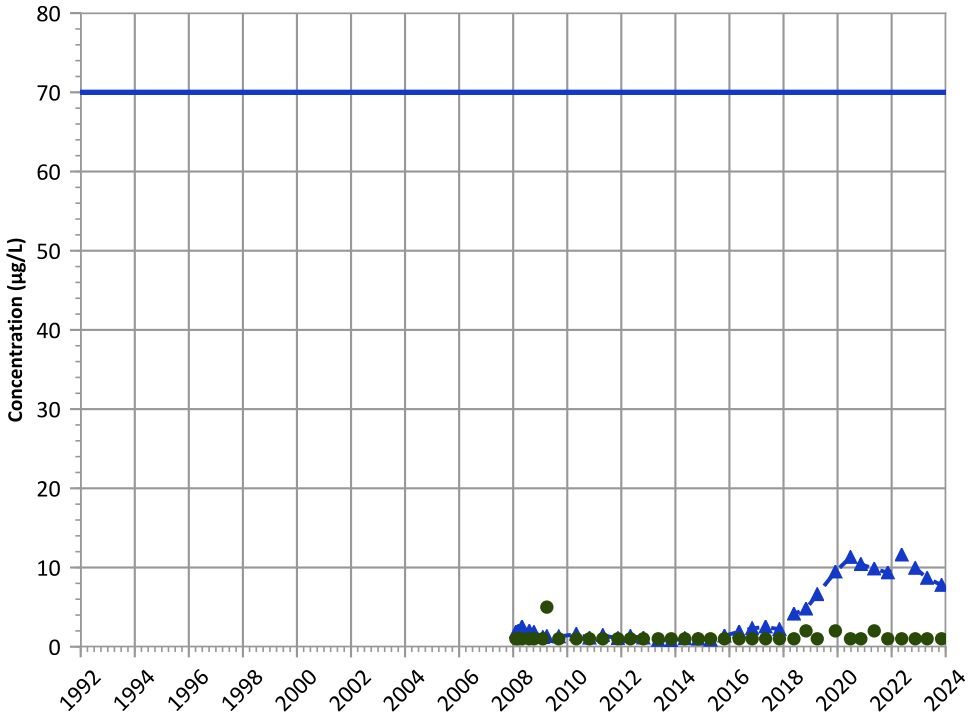


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

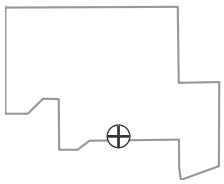
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

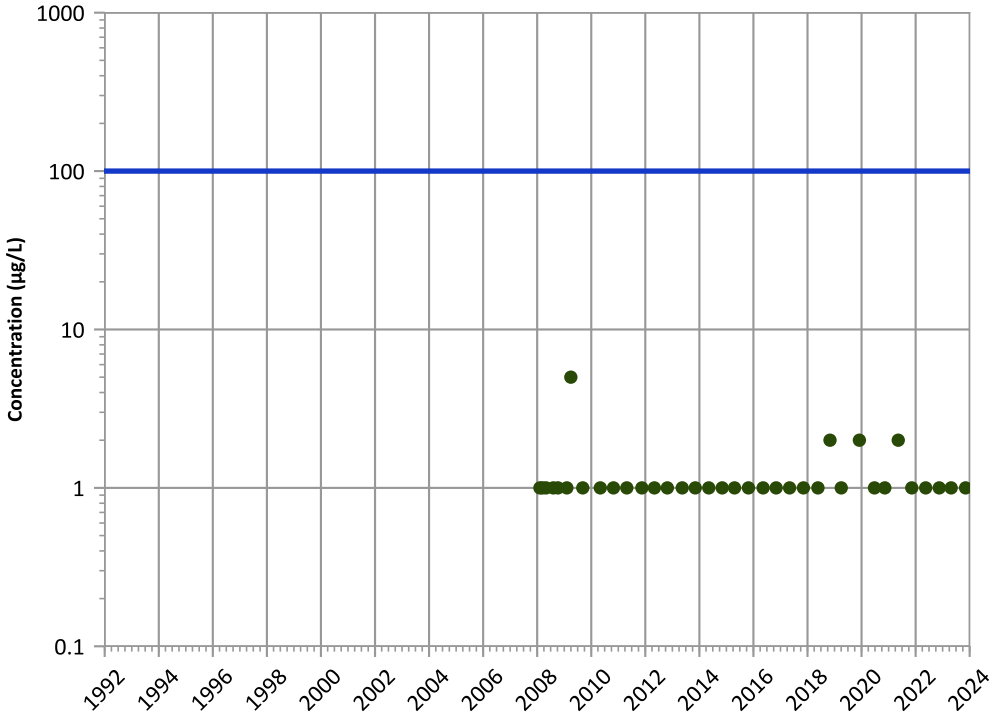
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

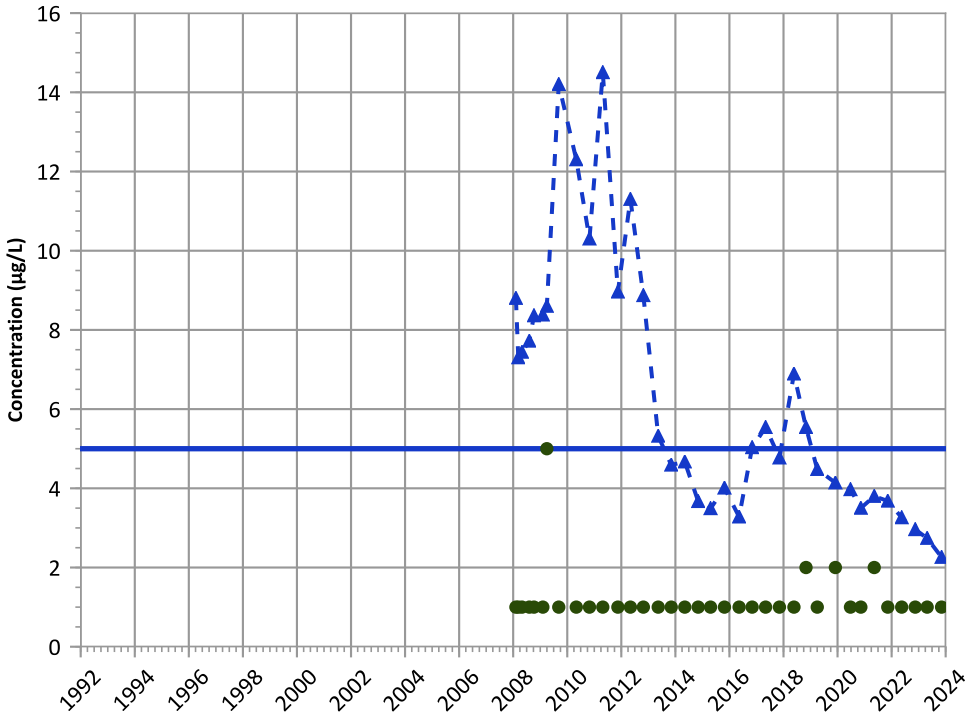


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

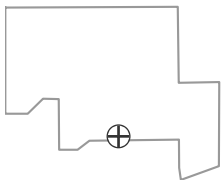
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

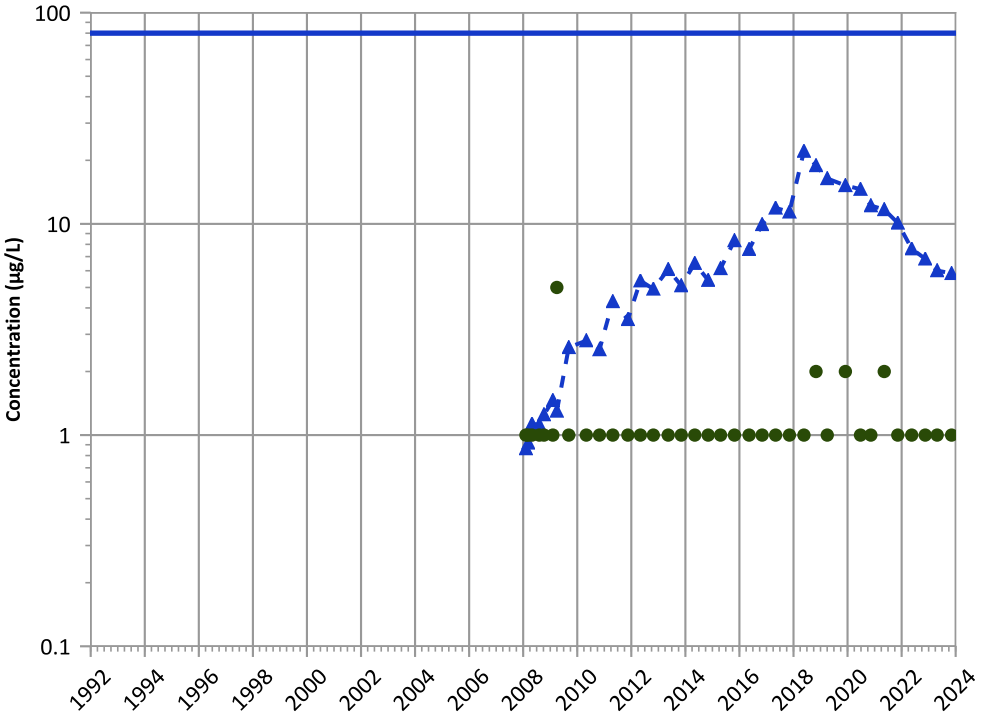
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

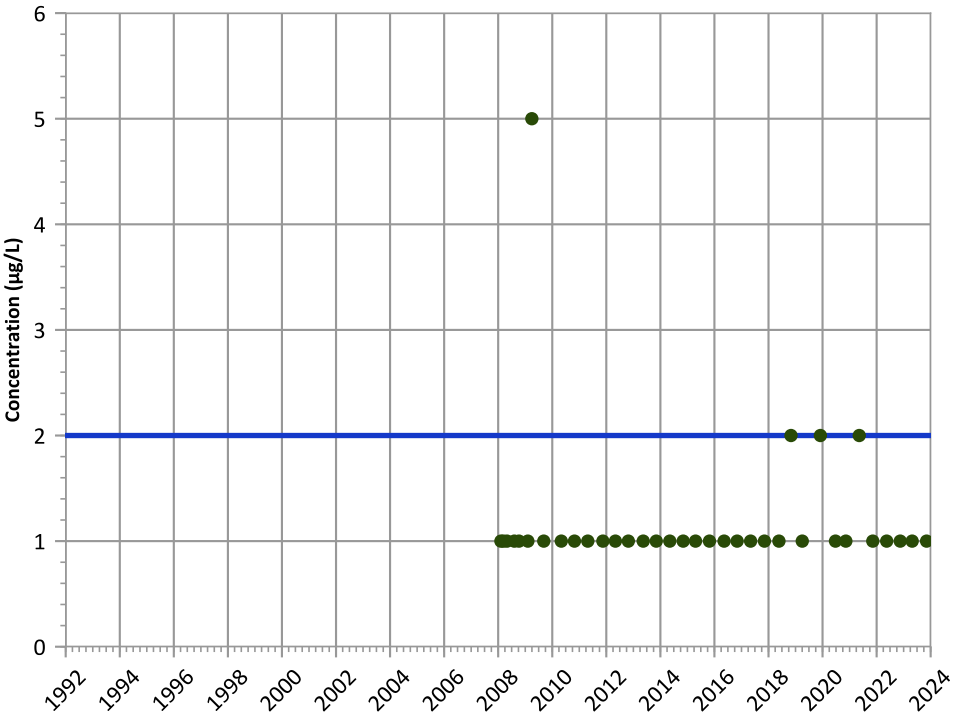


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Vinyl Chloride Trend



Concentration Trend

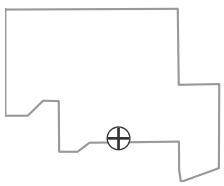
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

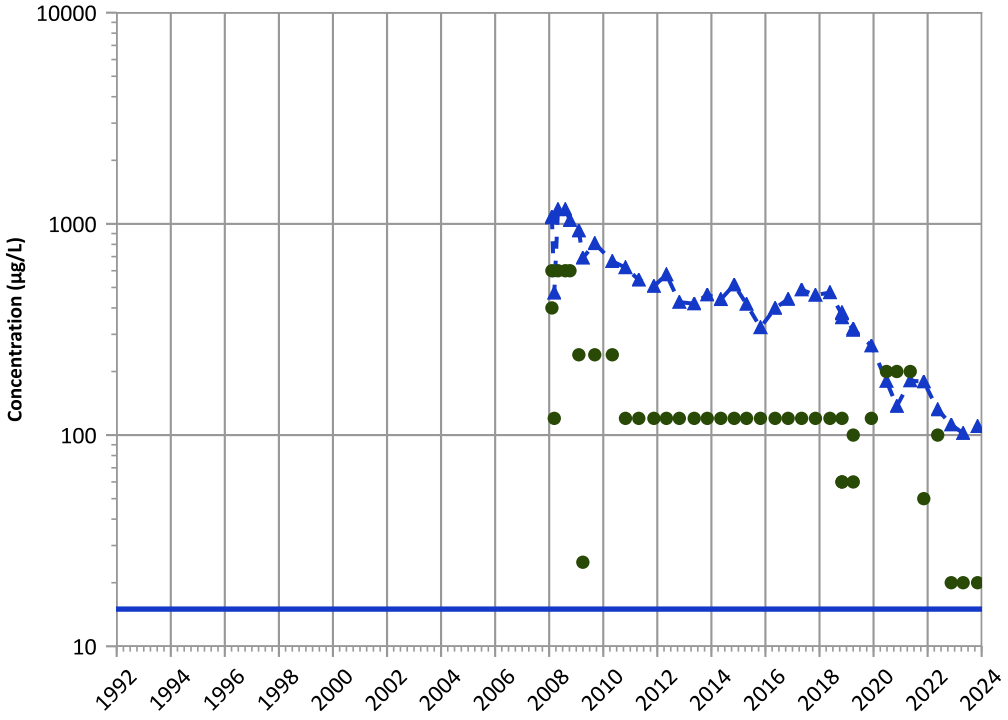
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

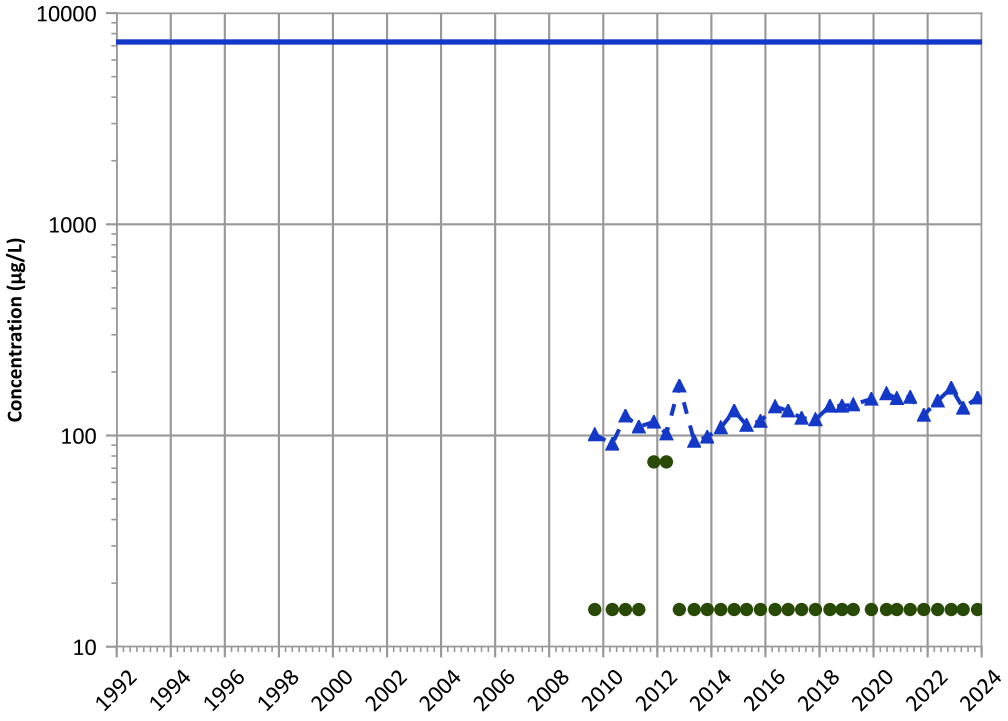


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

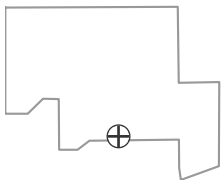
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

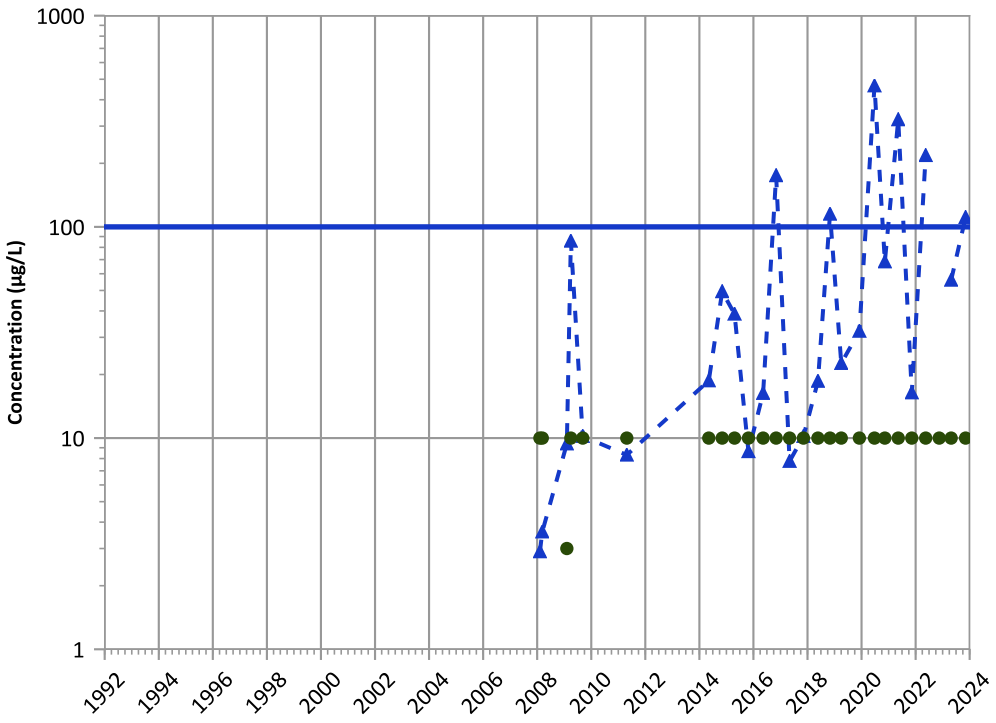
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

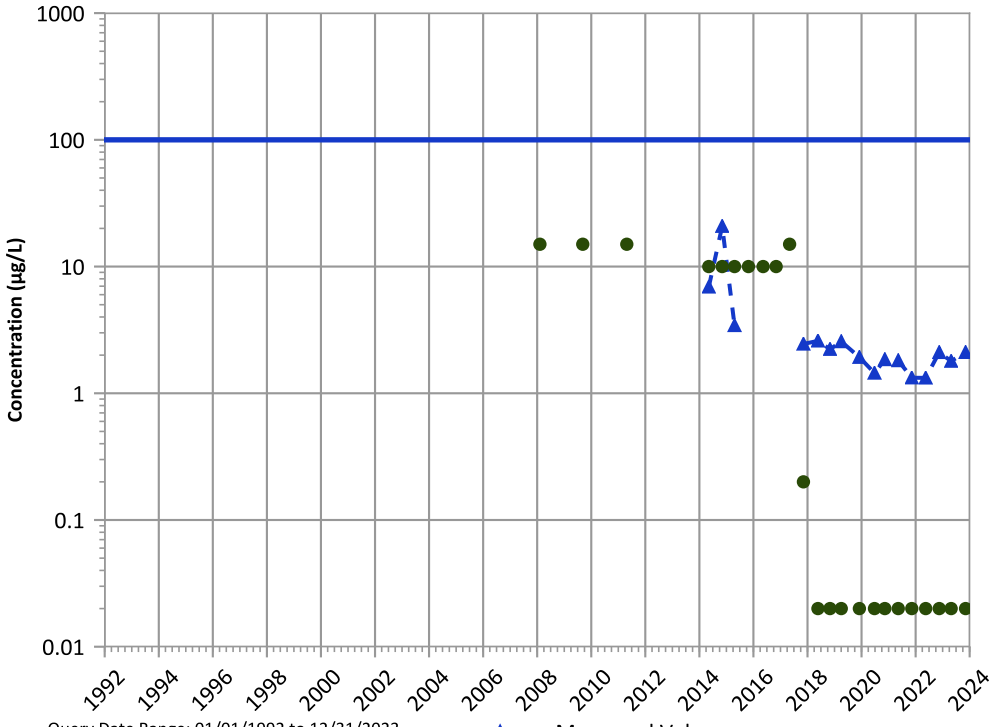


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

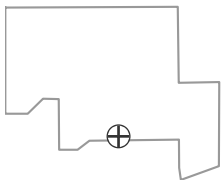
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

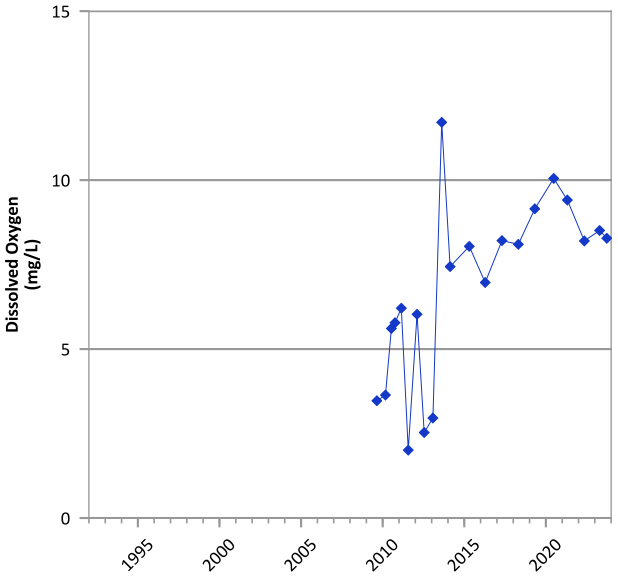
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/07/2008 to 11/07/2023
Analysis Date: 04/01/2024

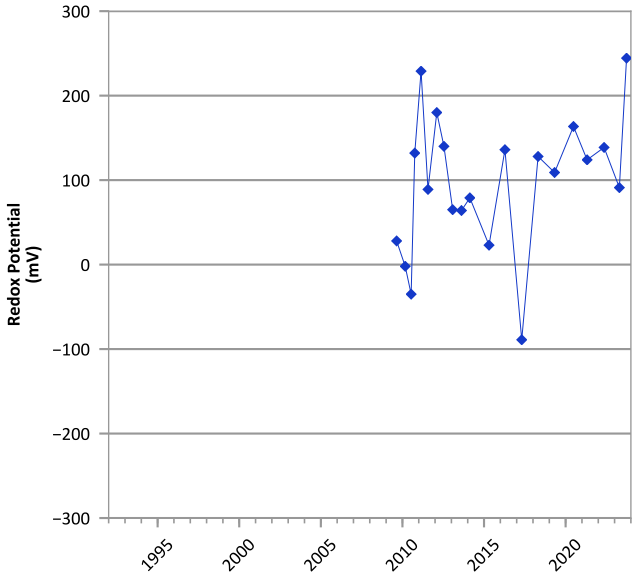
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

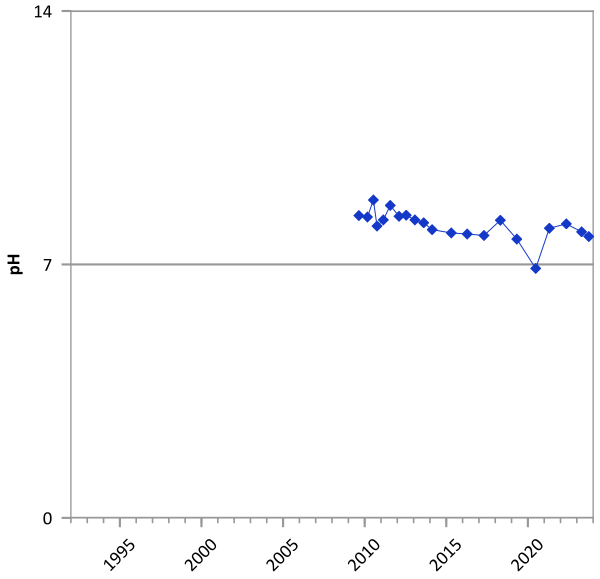
Well Location

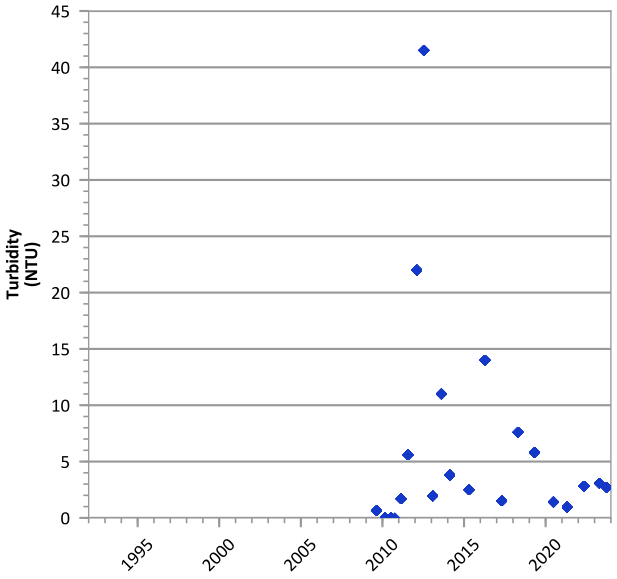


PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

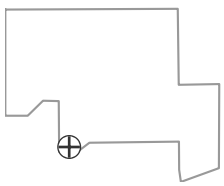






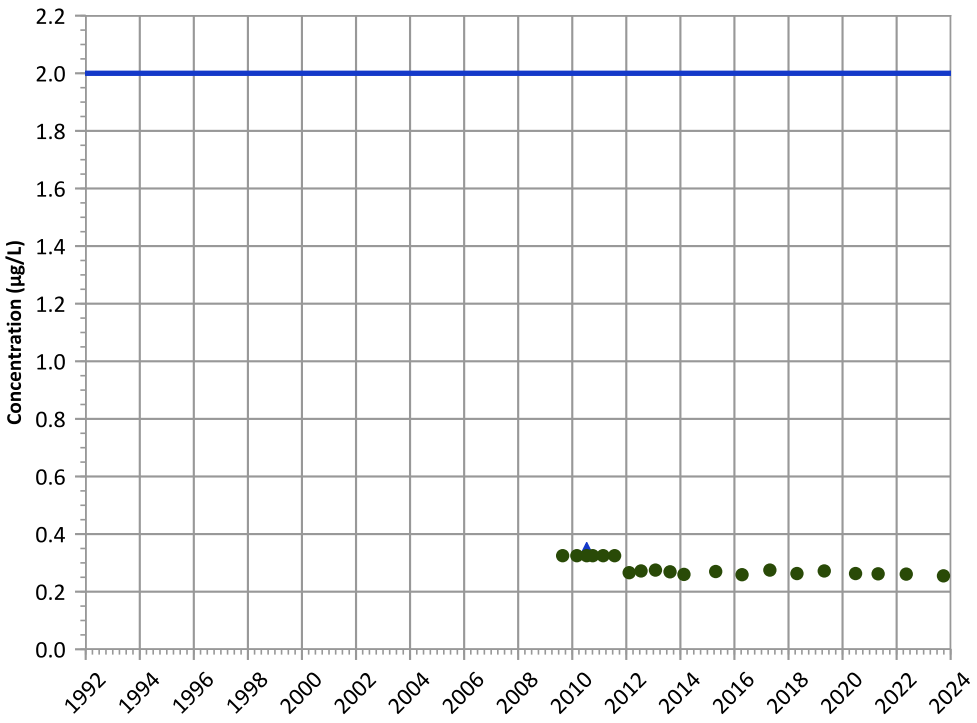


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

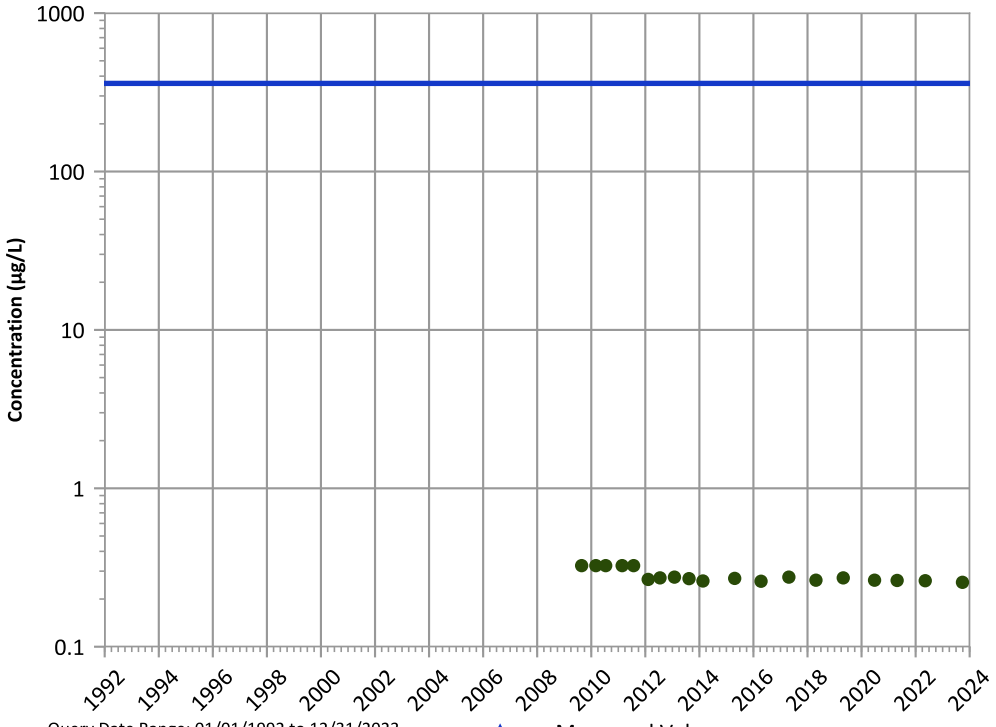


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

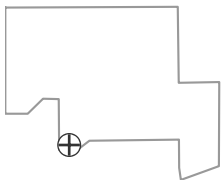
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

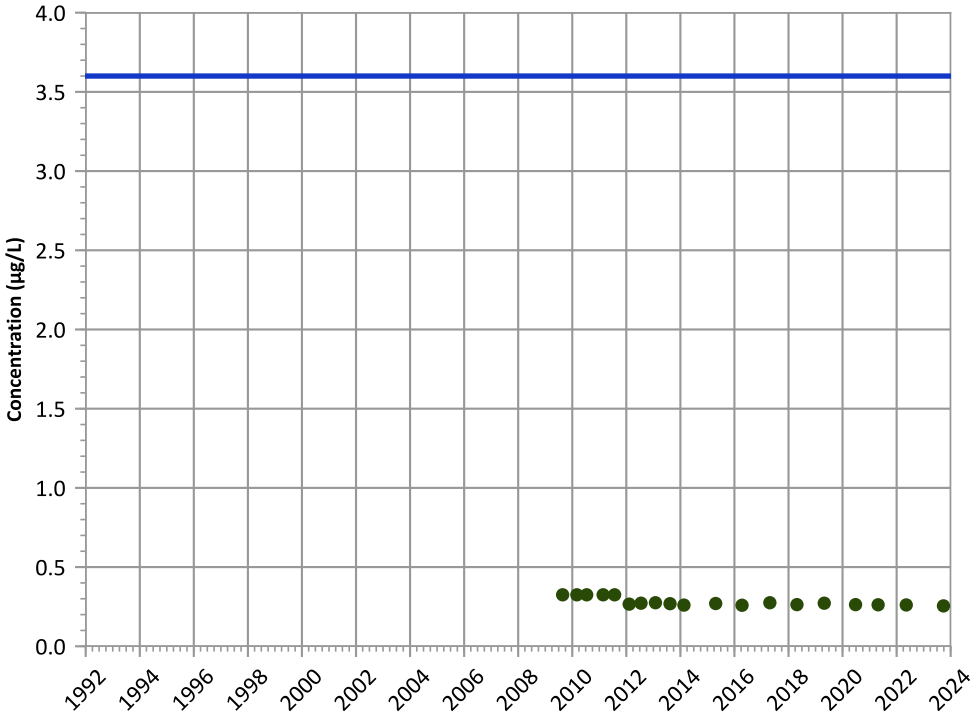
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

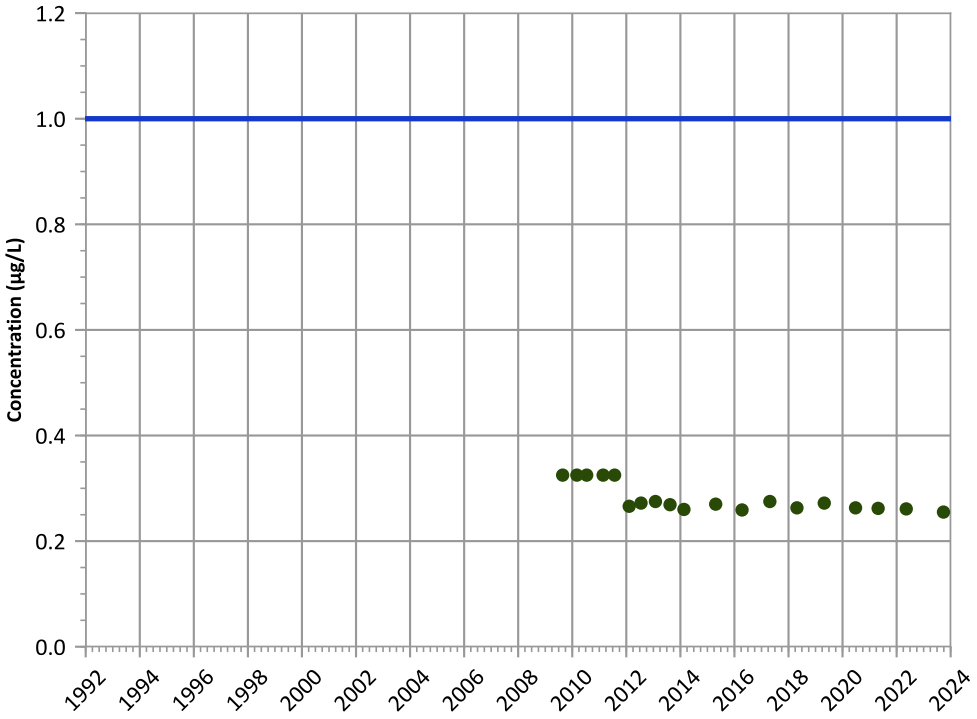


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

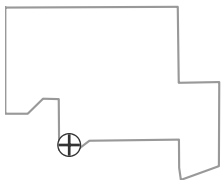
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

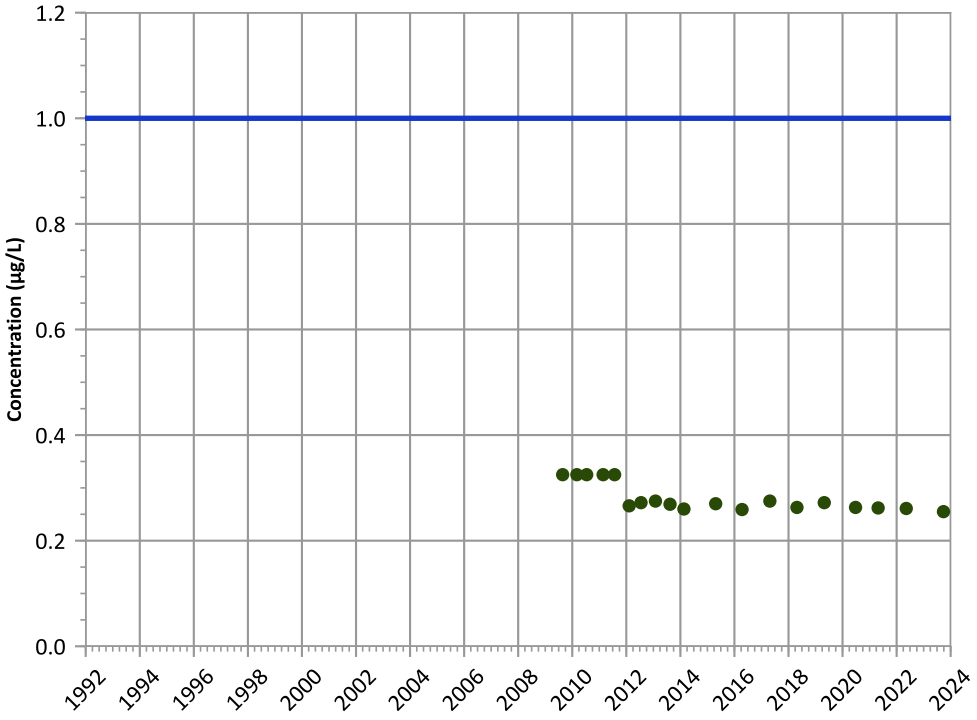
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

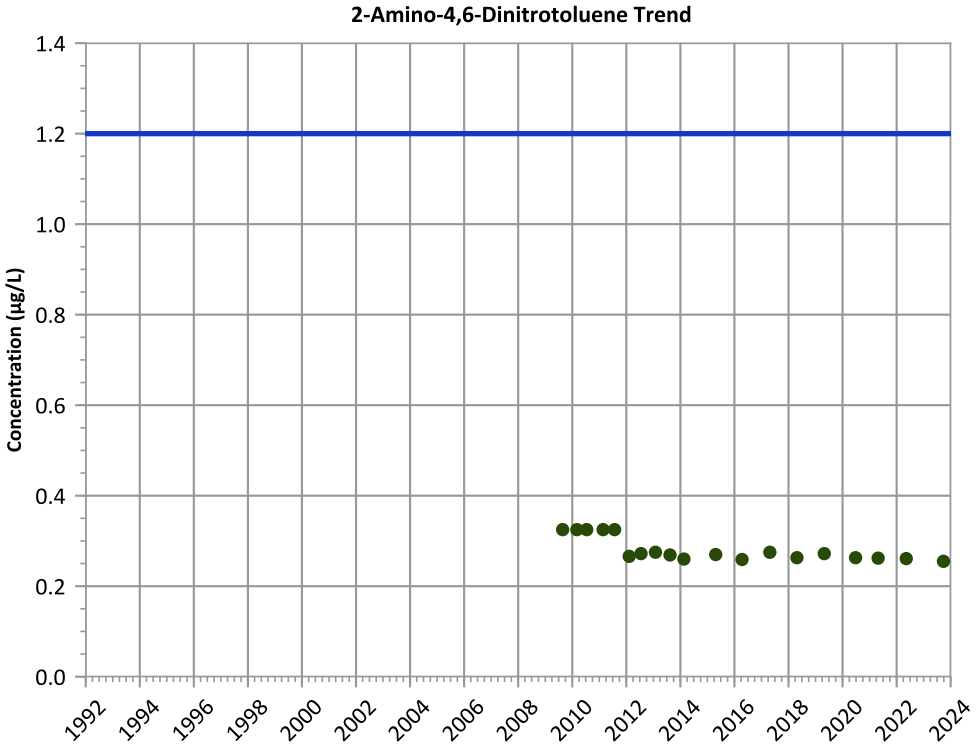


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

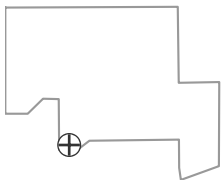
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

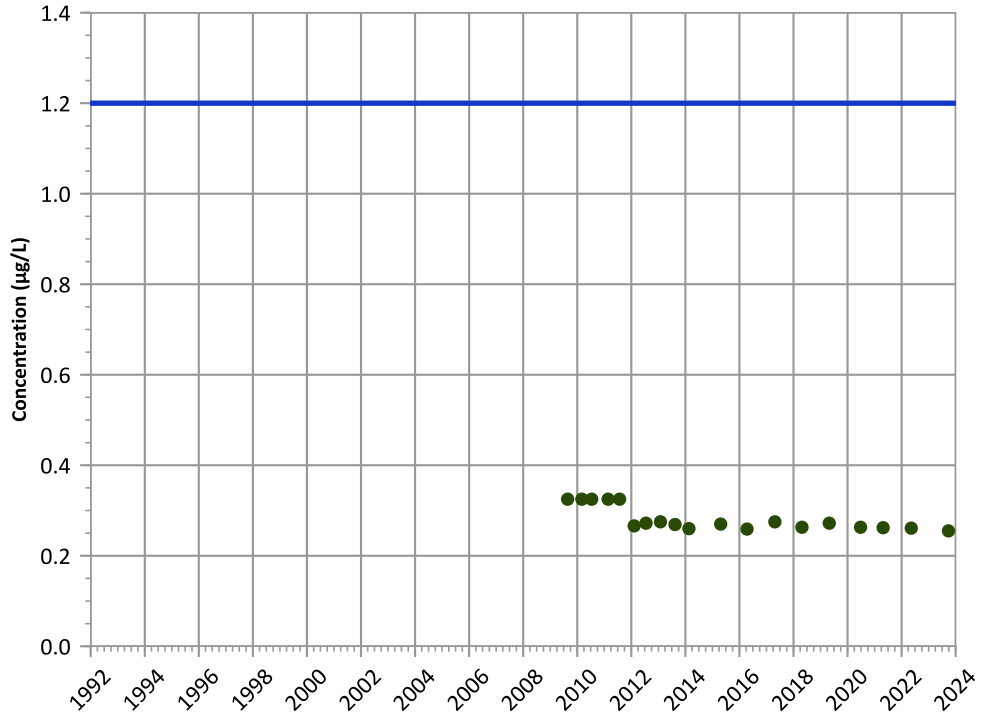
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

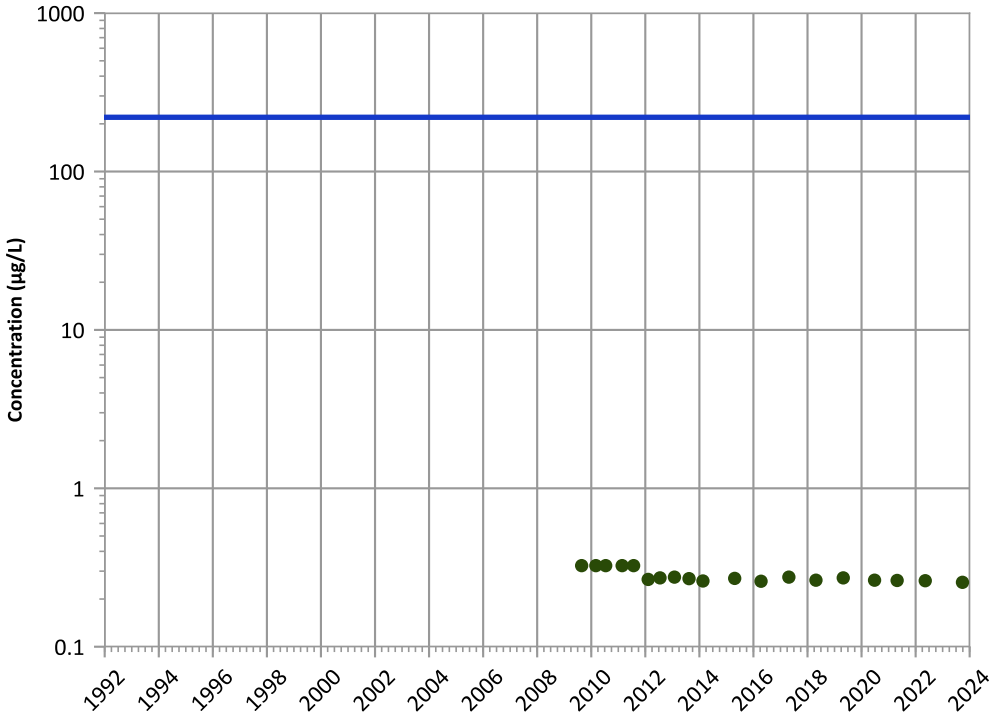


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

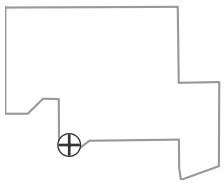
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

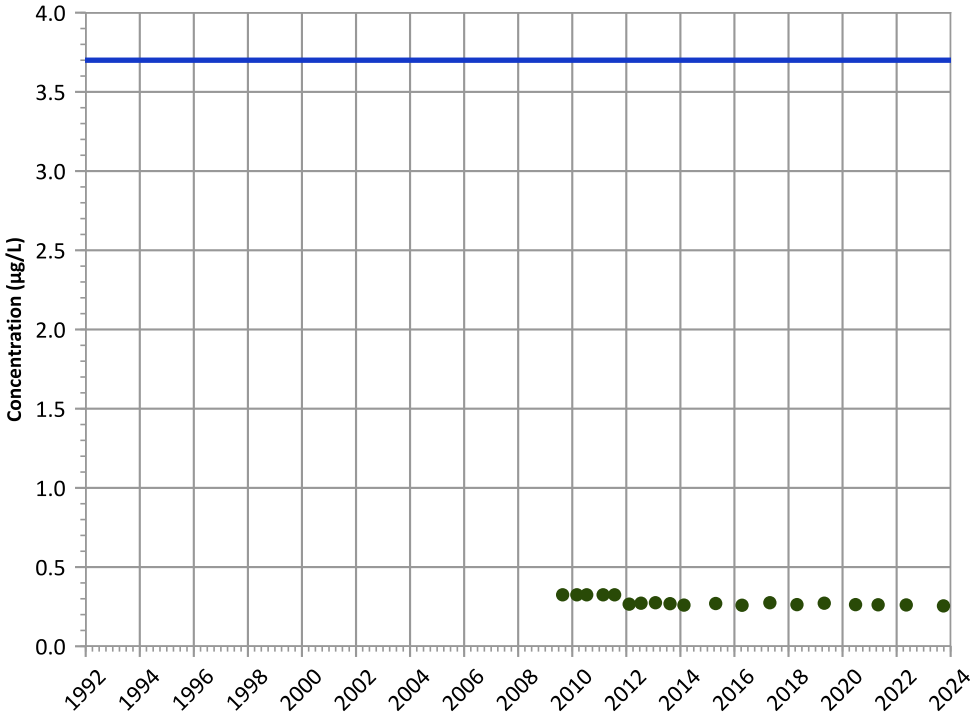
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

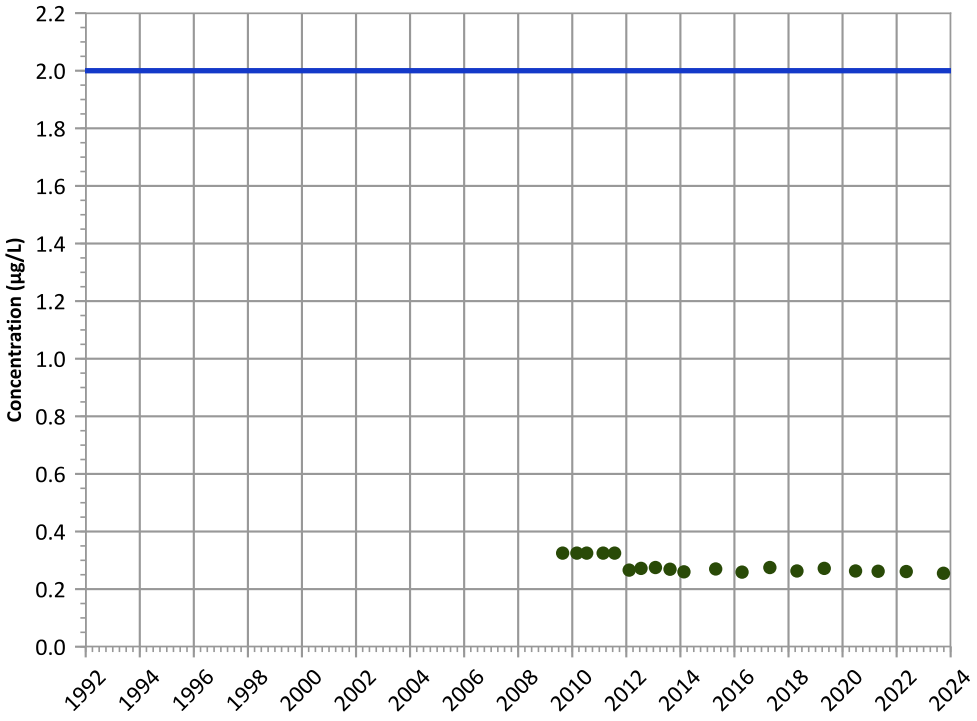


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

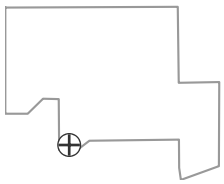
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

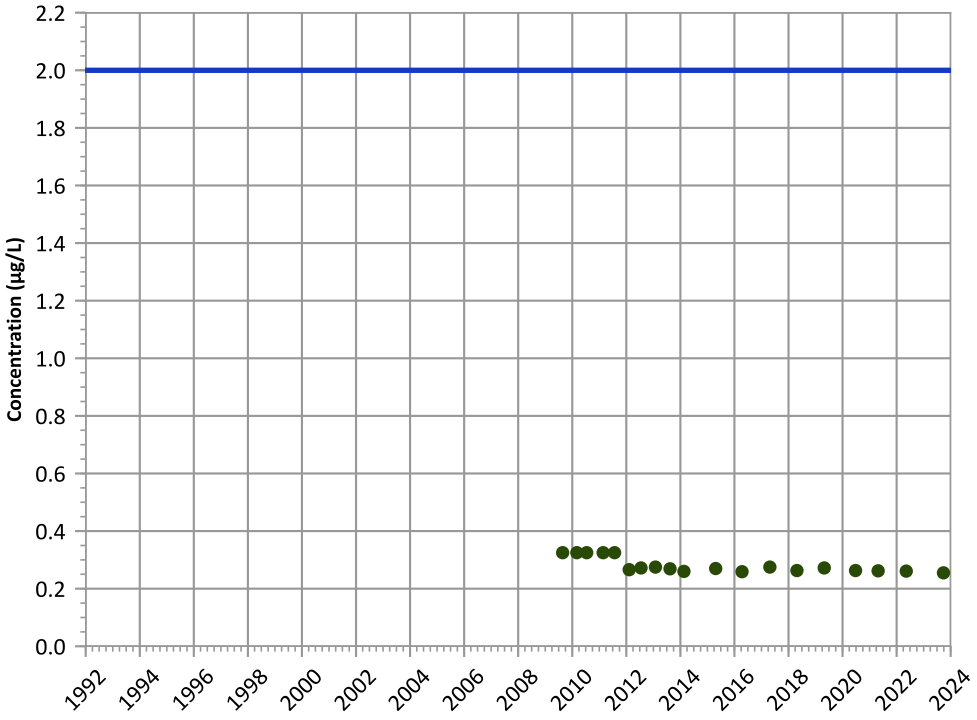
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

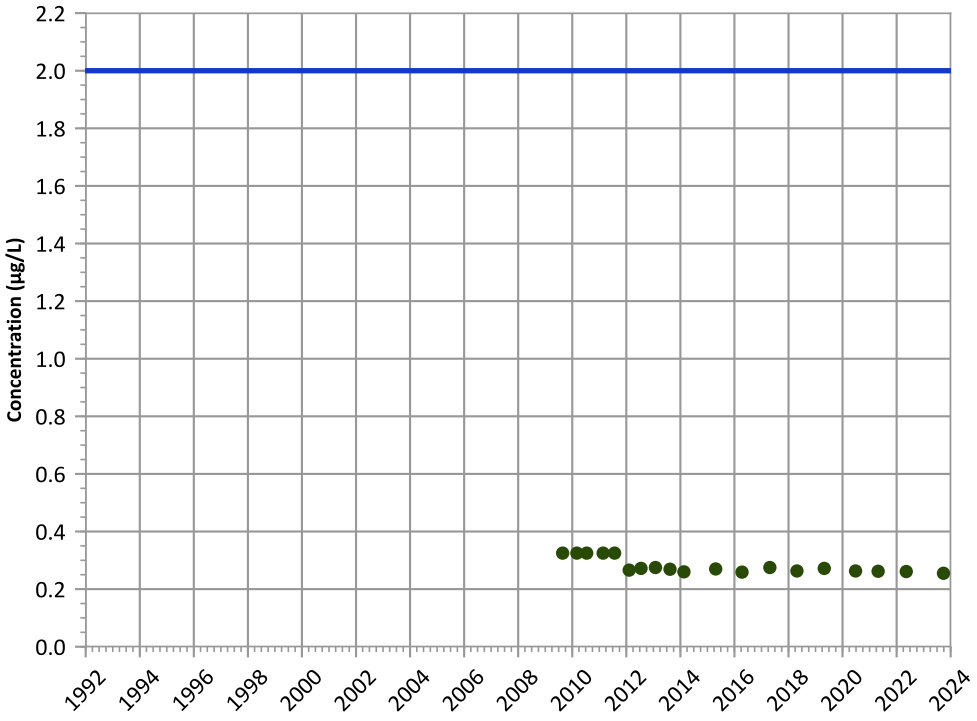


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

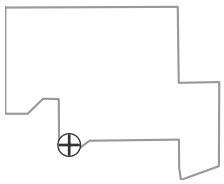
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

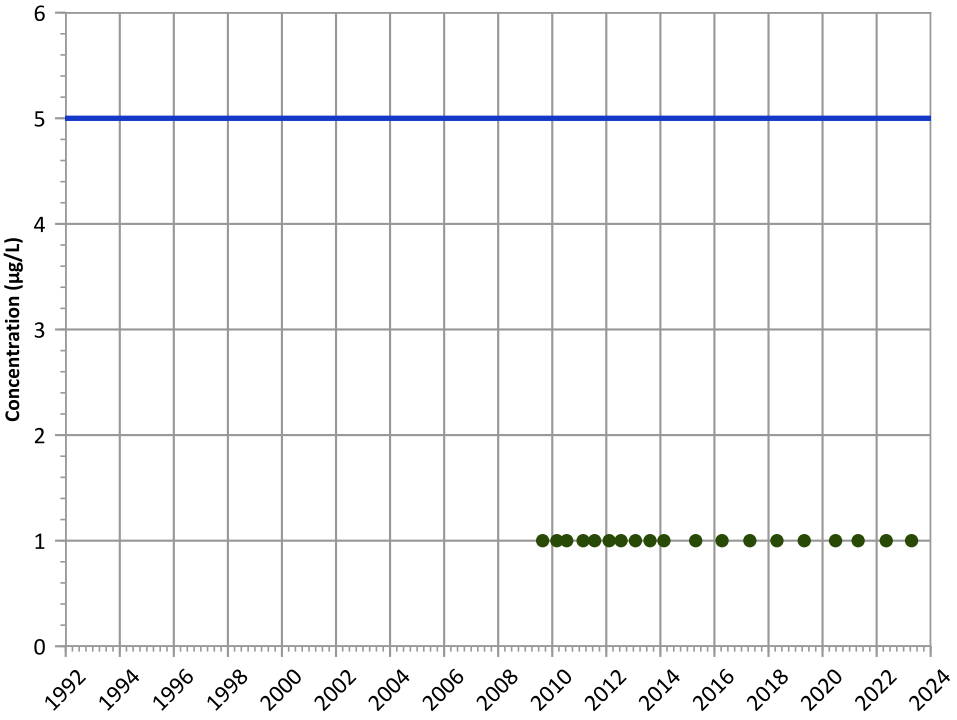
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

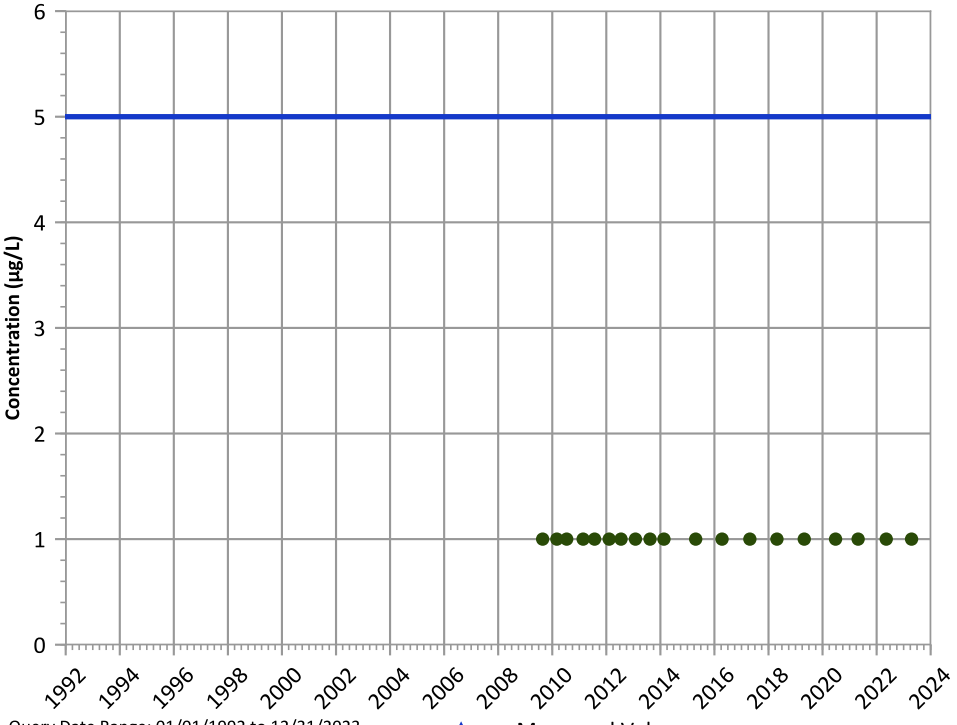


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

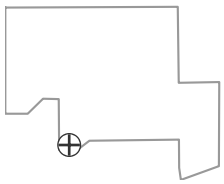
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

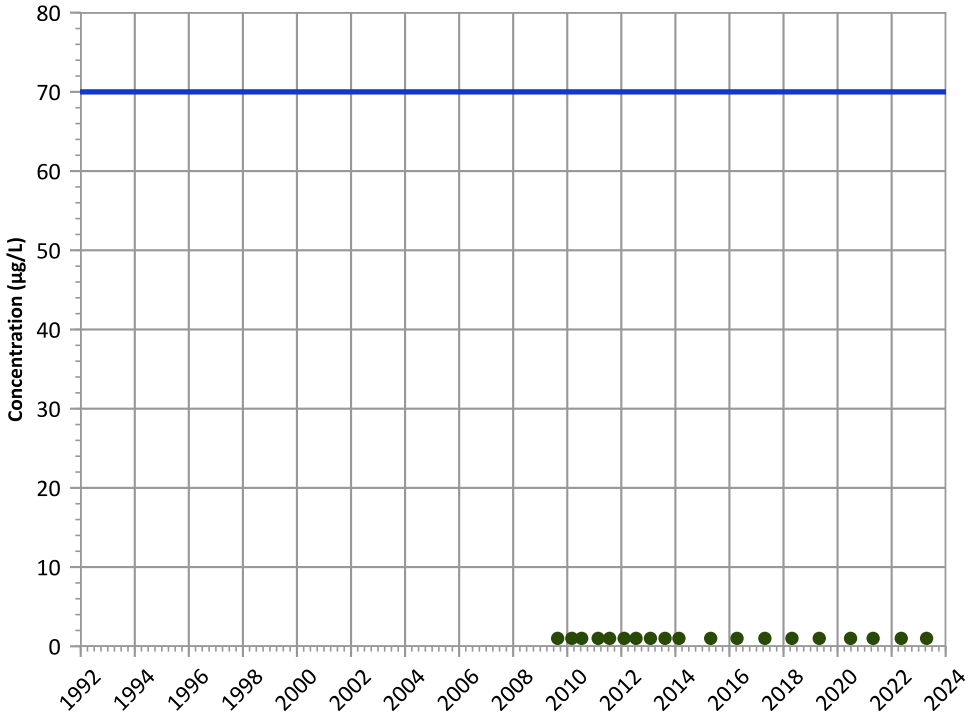
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

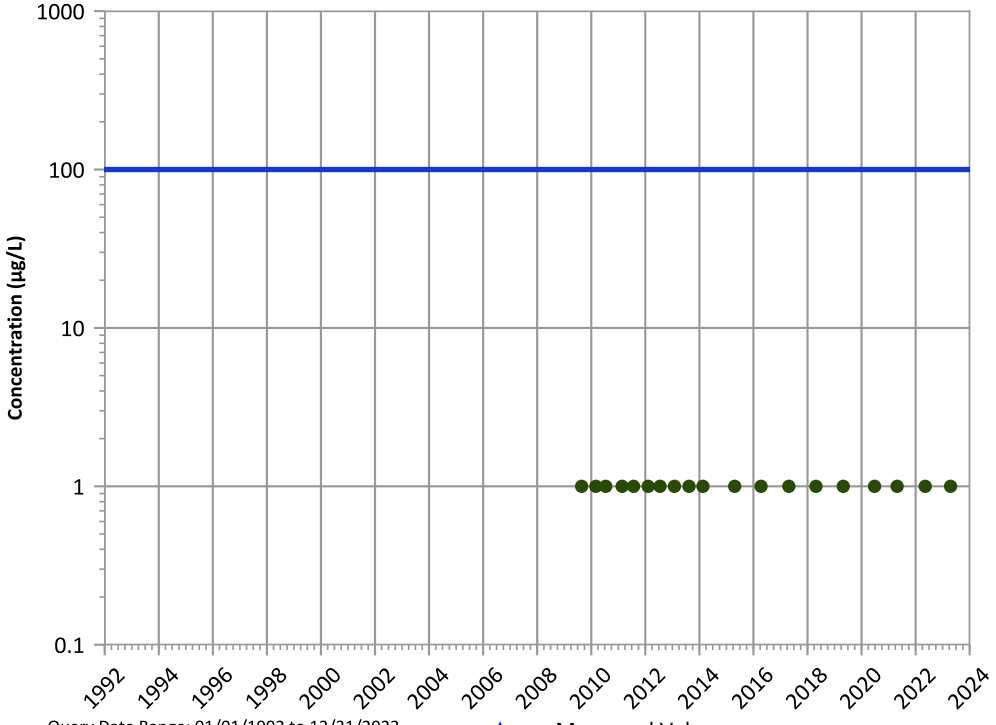
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



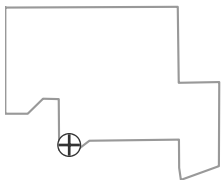
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

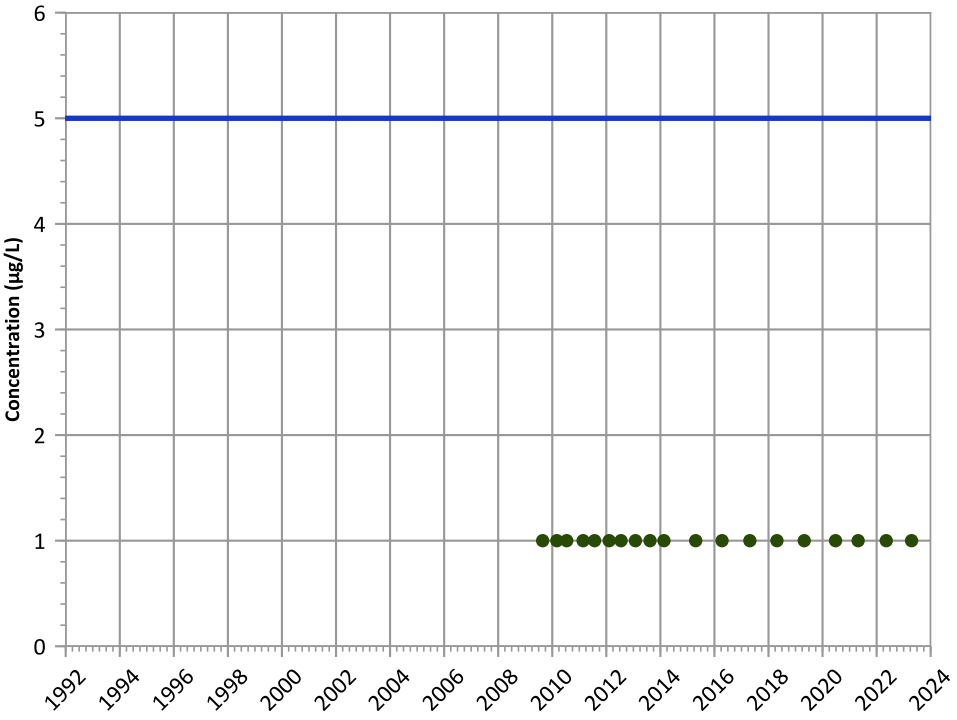
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

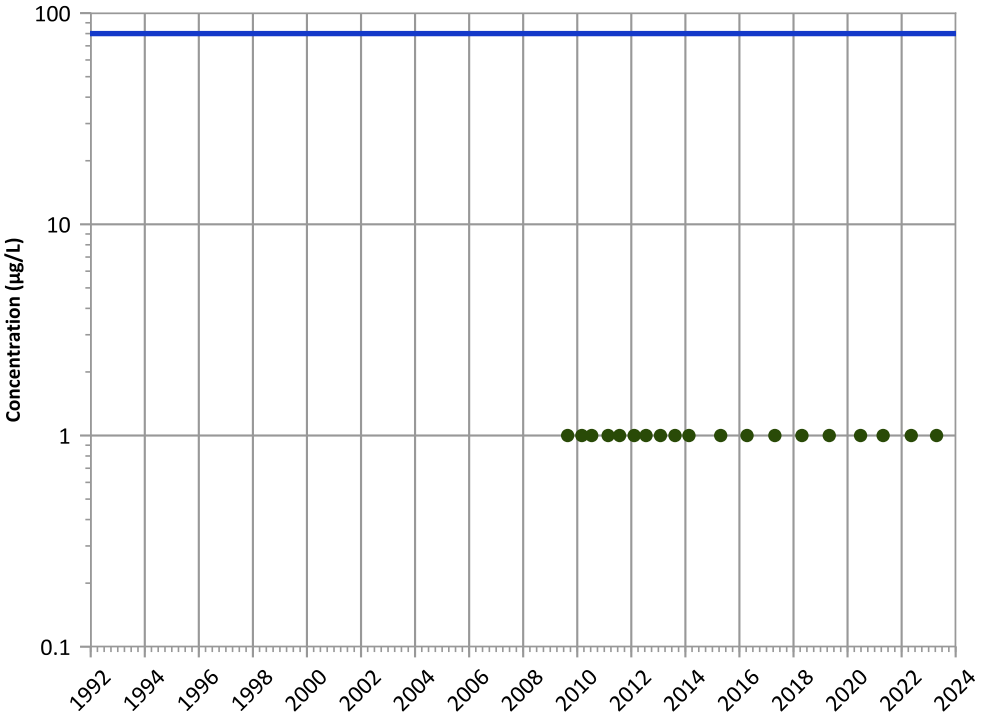


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

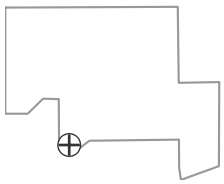
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

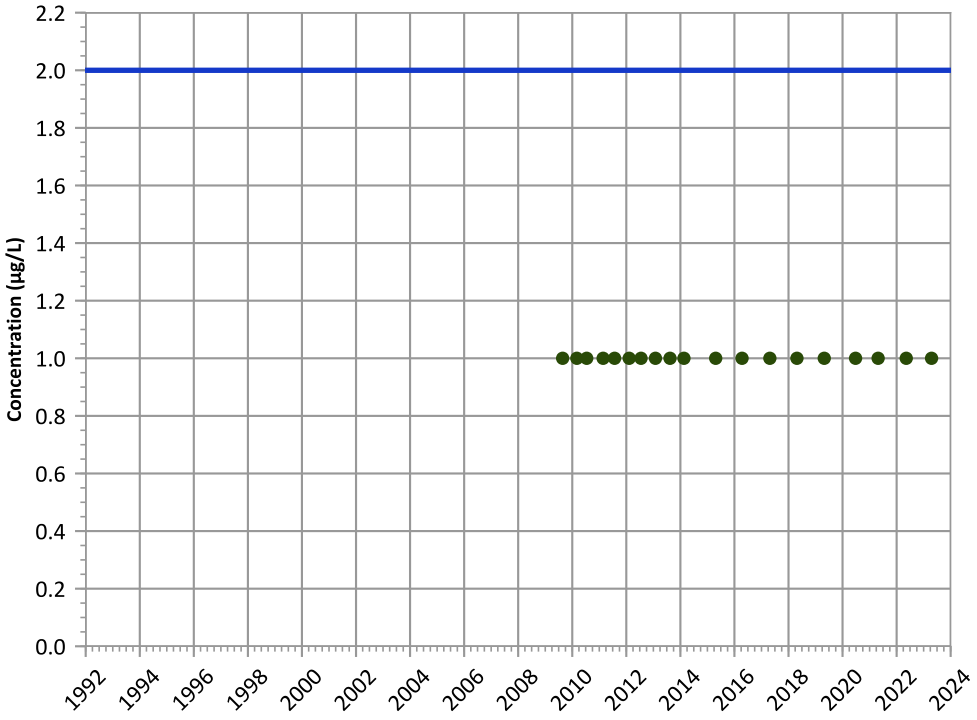
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

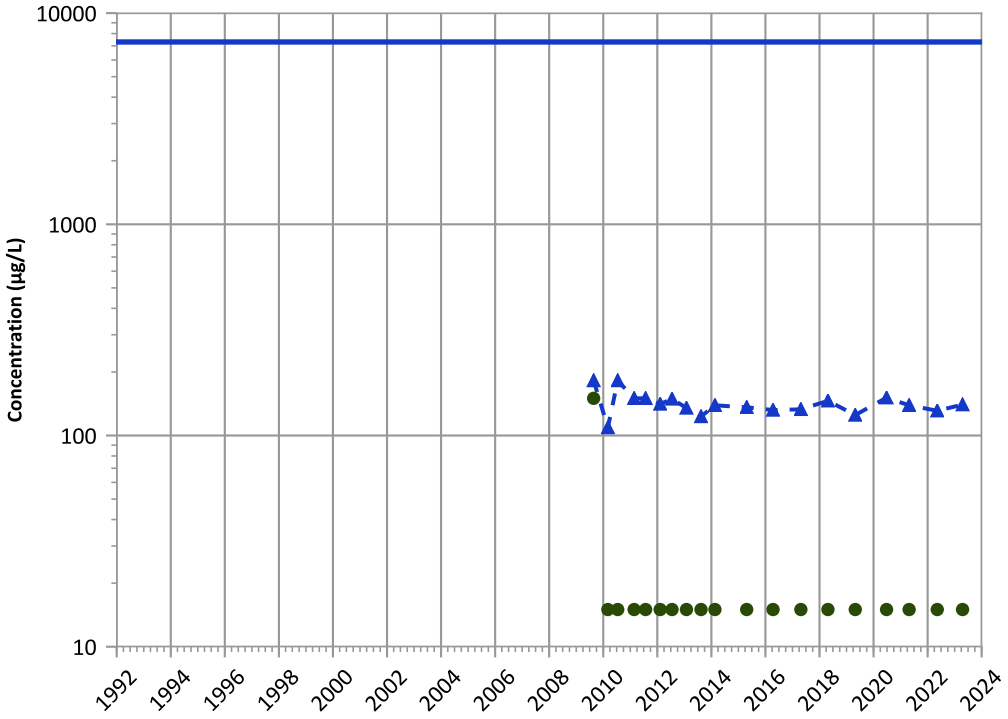


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

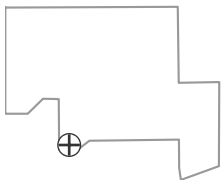
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

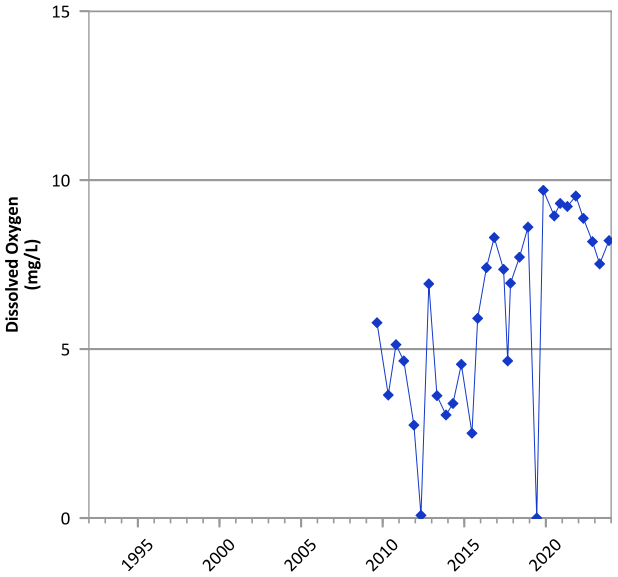
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/24/2009 to 09/26/2023
Analysis Date: 04/01/2024

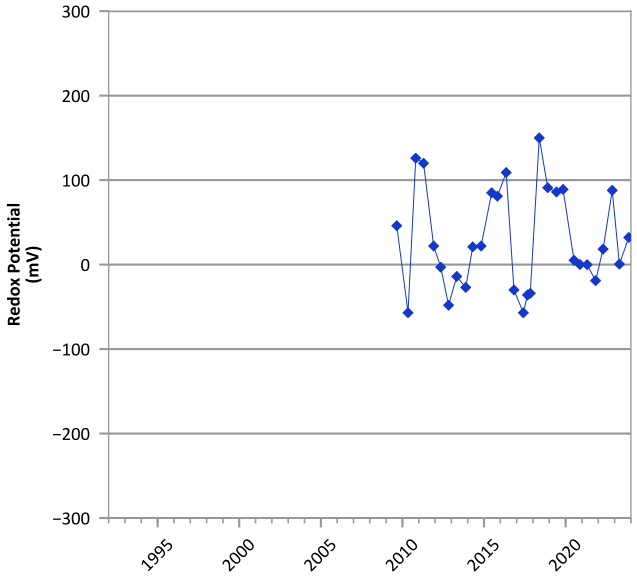
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

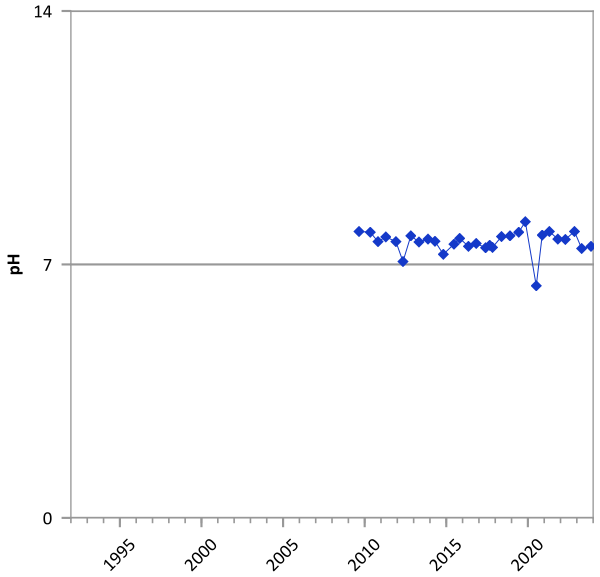
Well Location

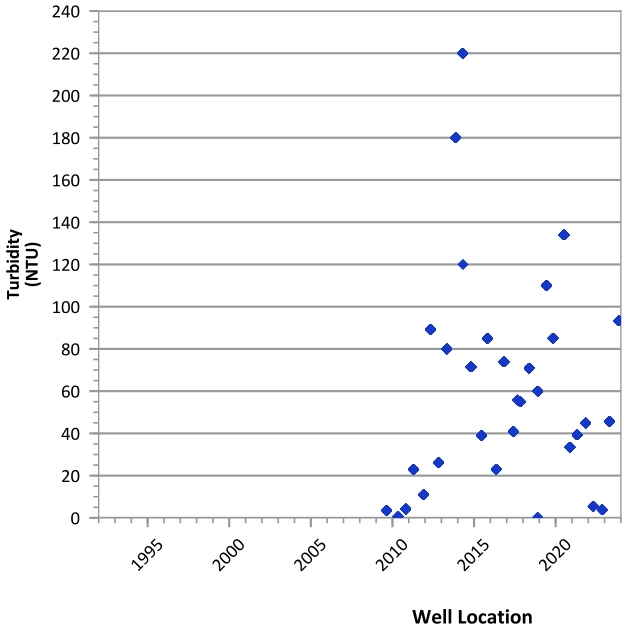


PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

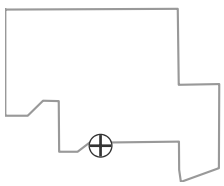






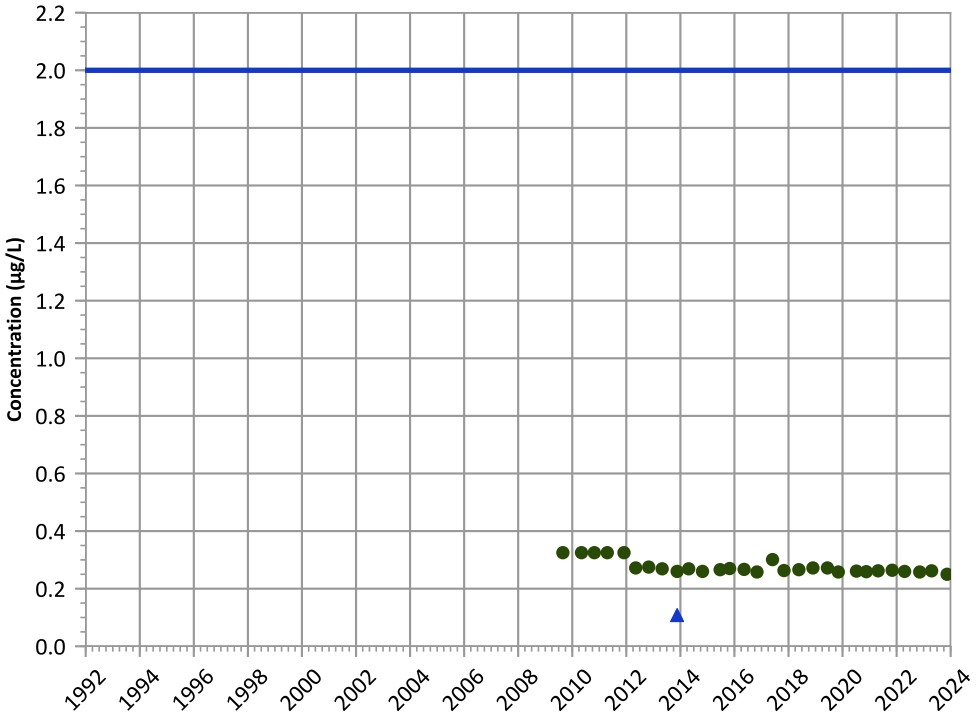


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

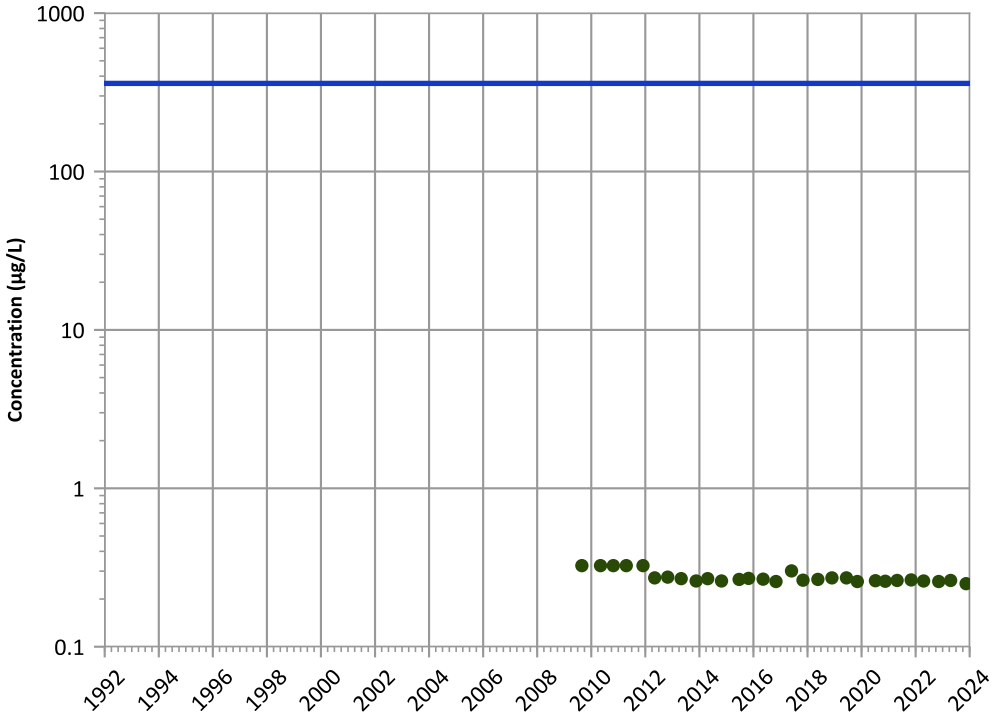


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

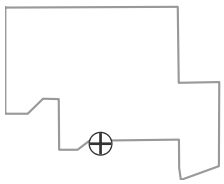
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

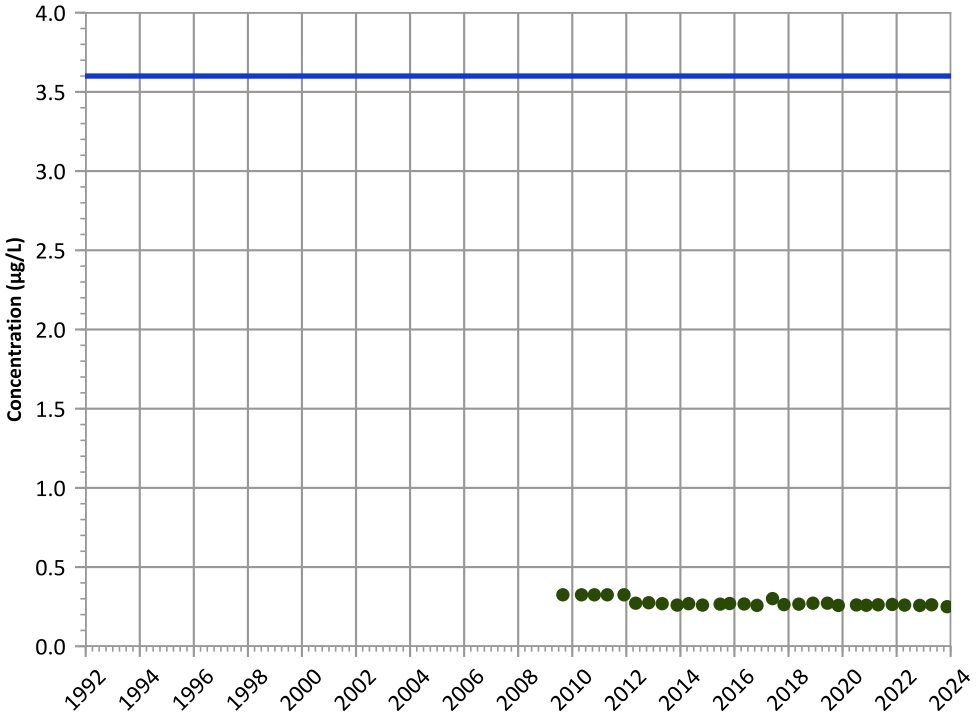
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

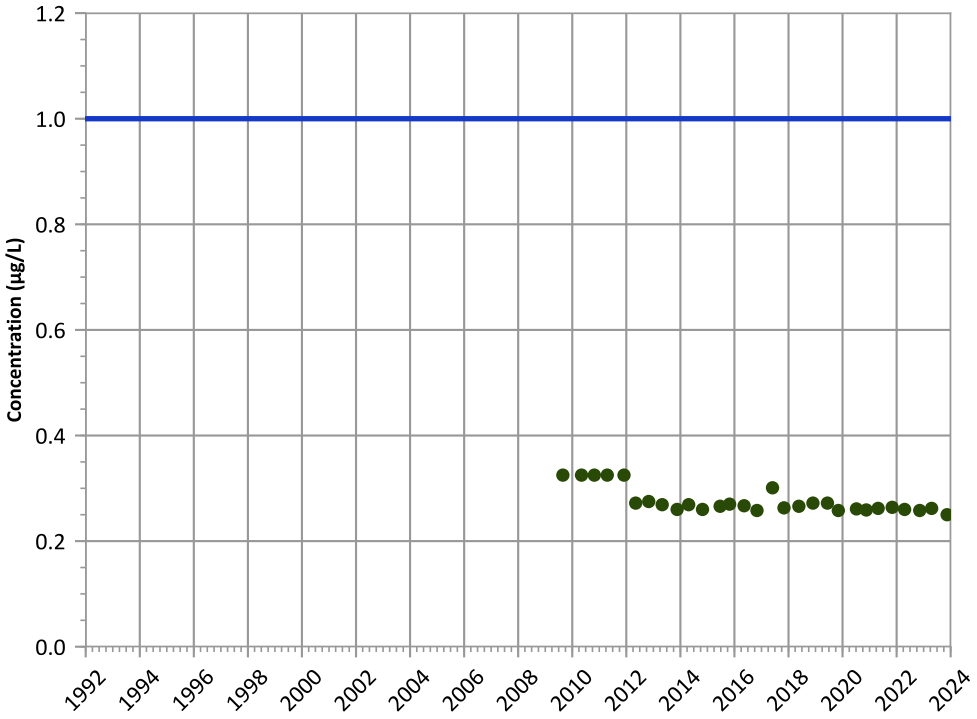


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

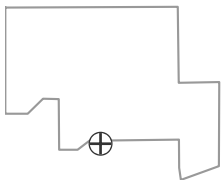
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

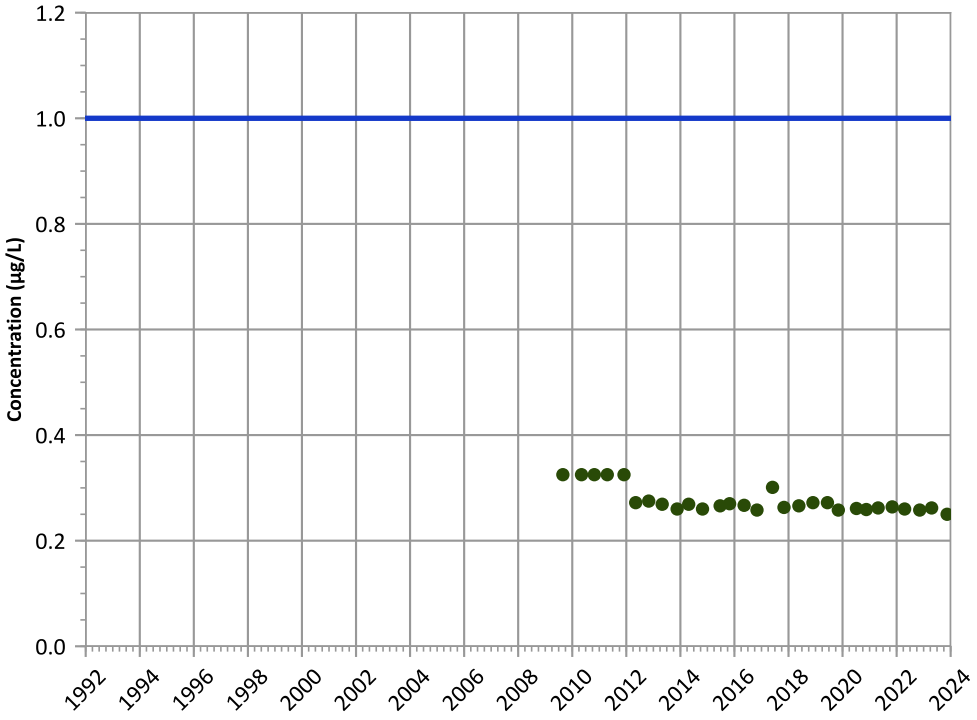
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

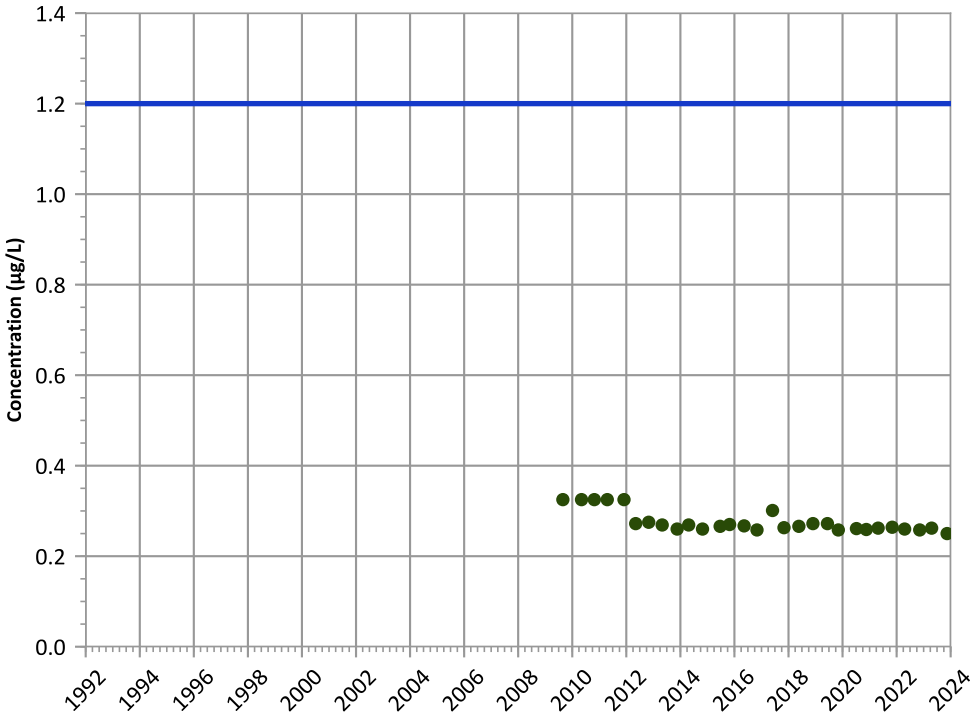


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

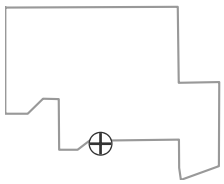
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

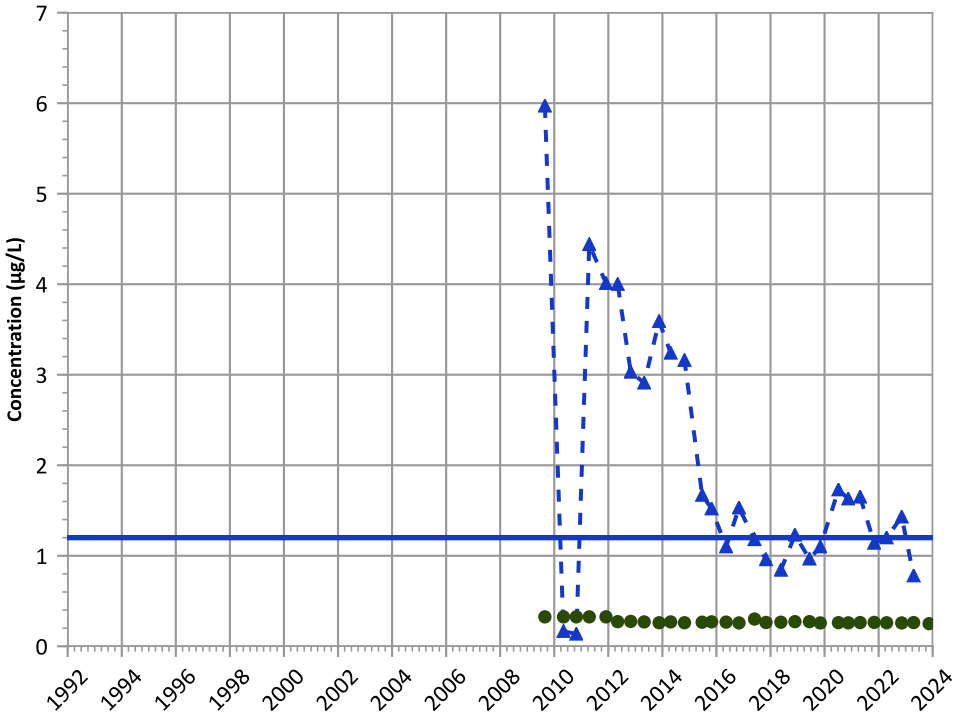
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

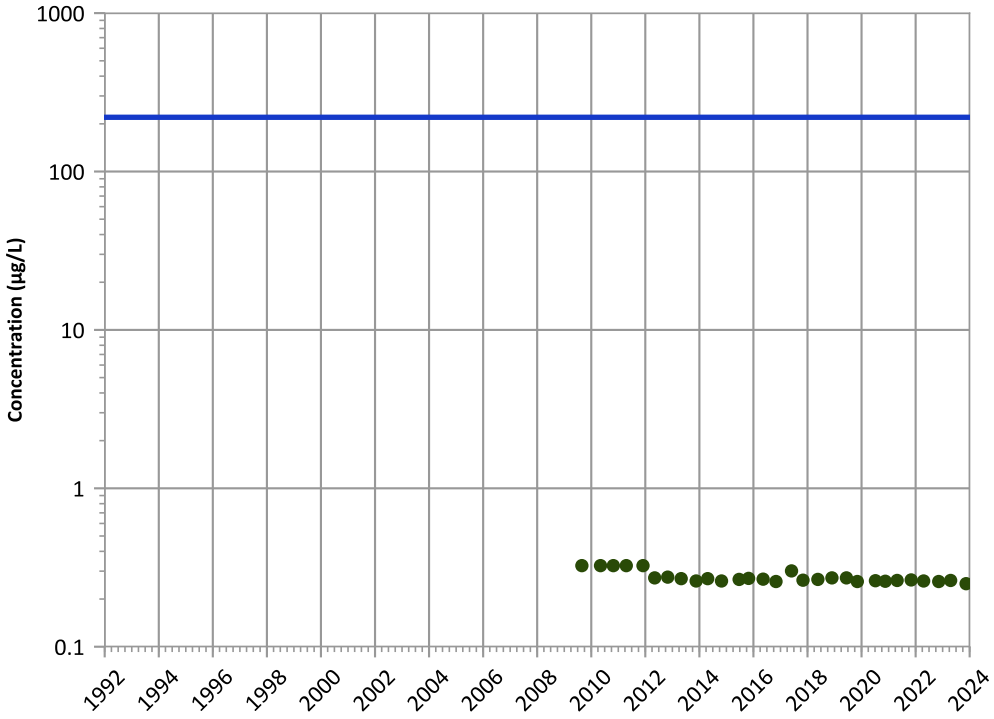


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

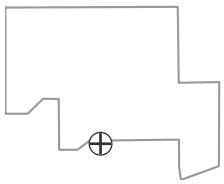
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

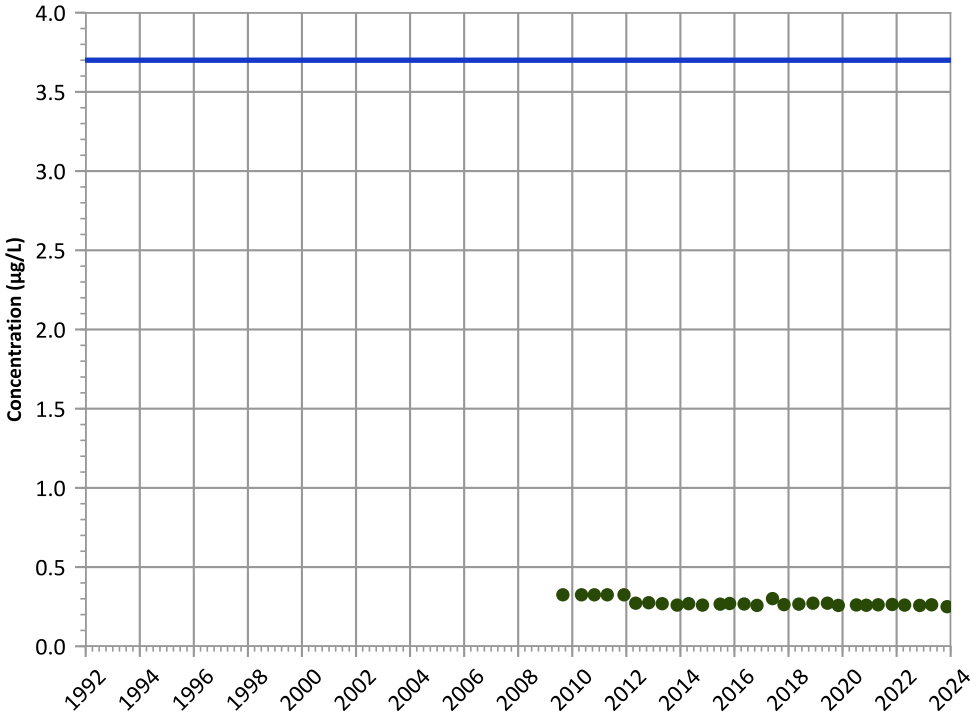
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

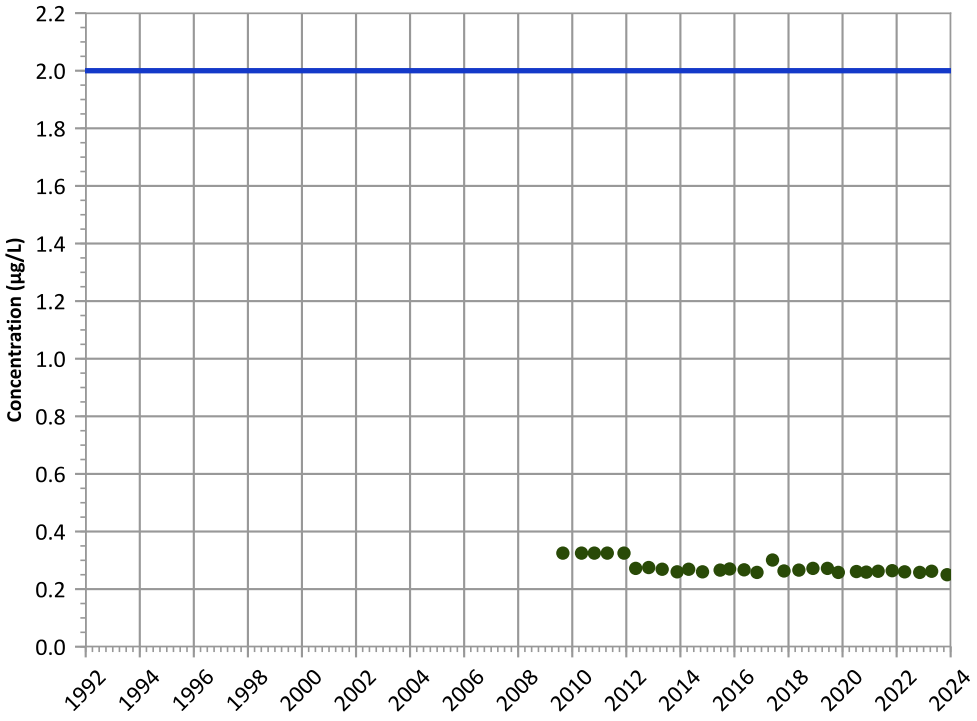


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

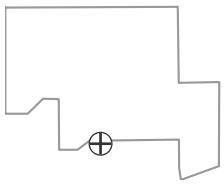
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

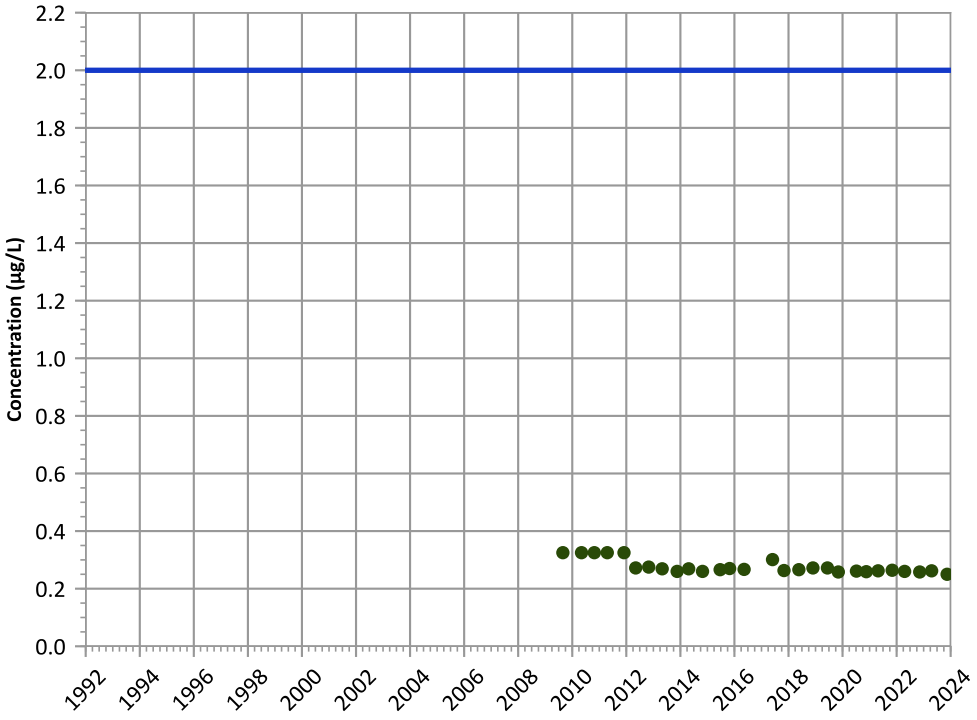
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

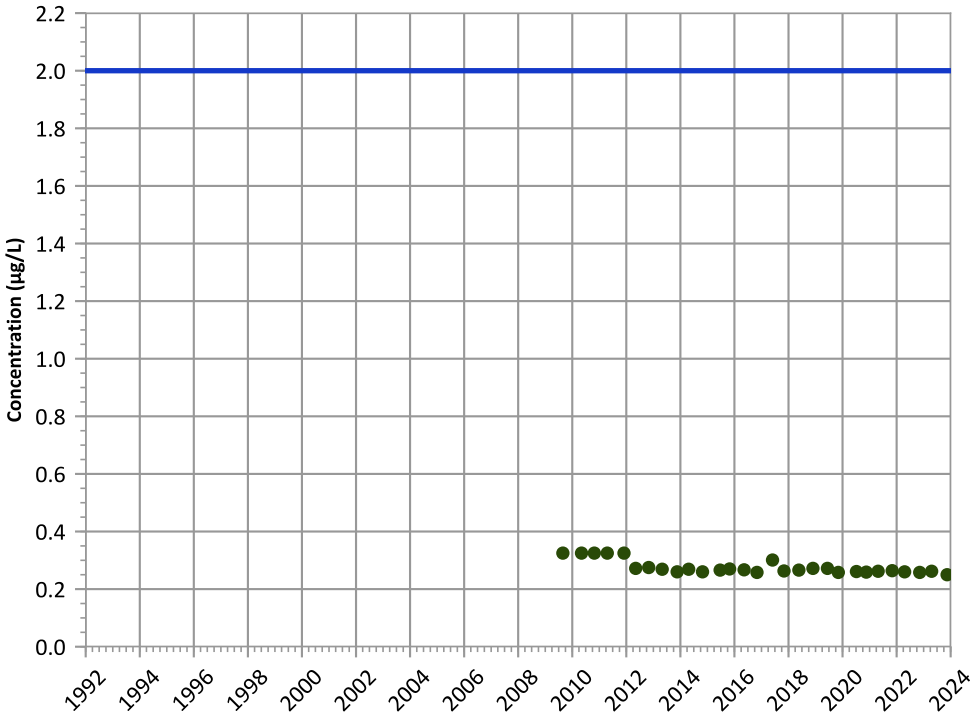


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

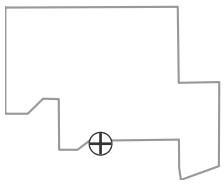
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

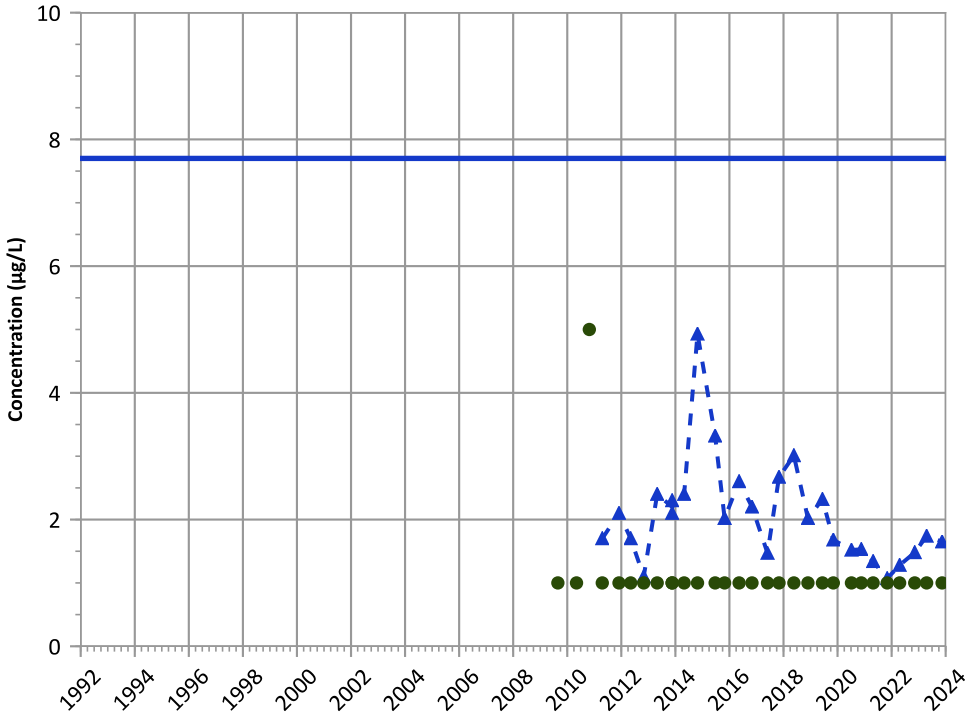
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

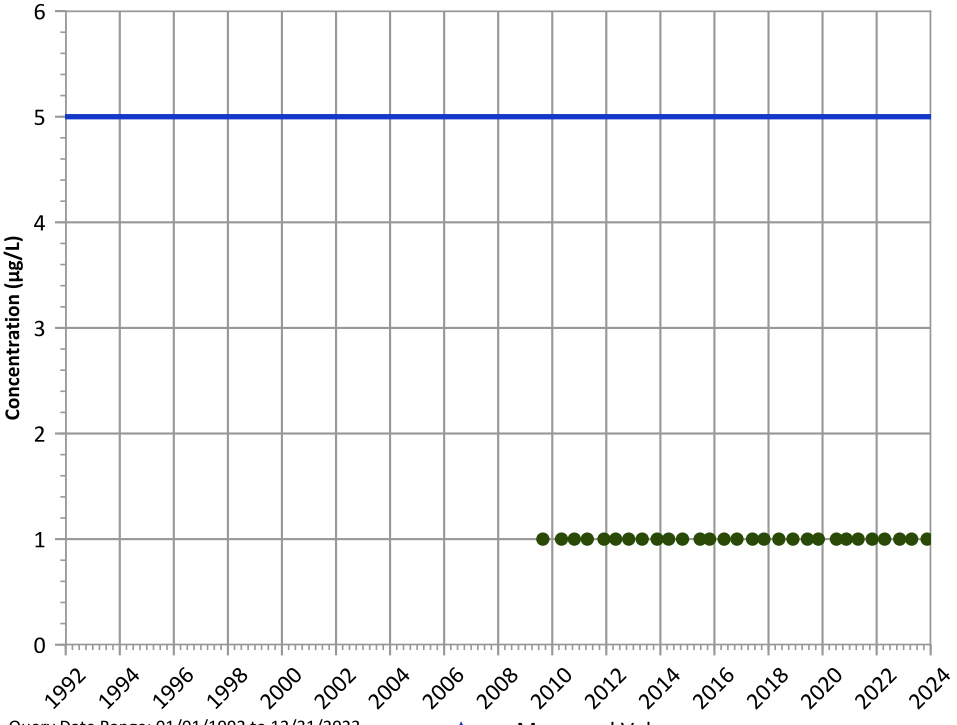


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

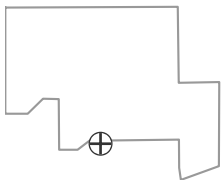
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

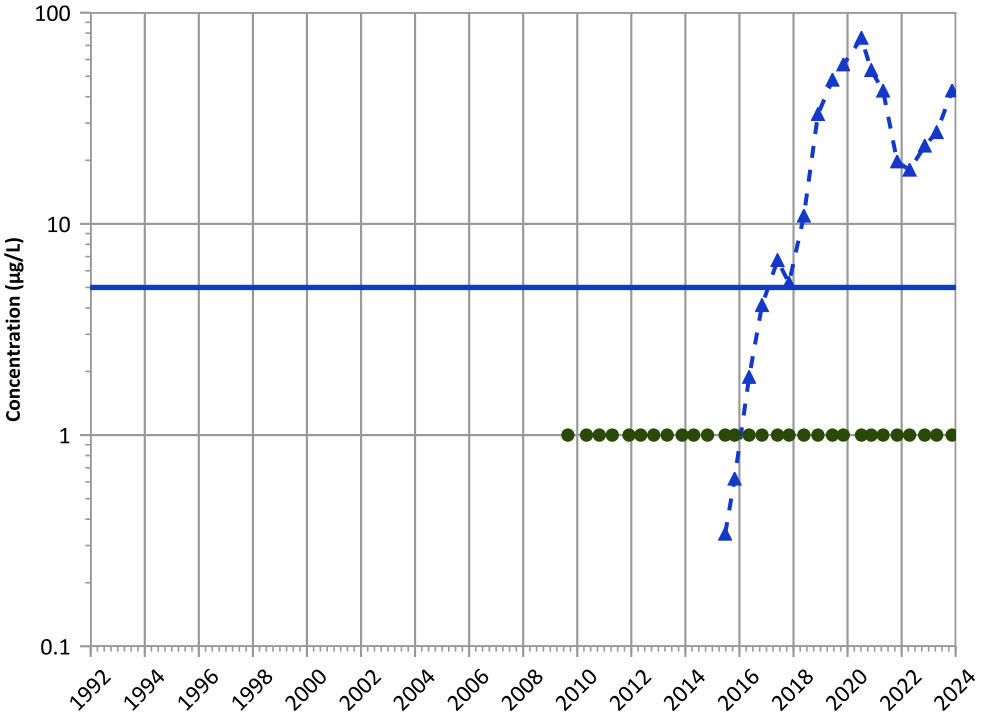
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

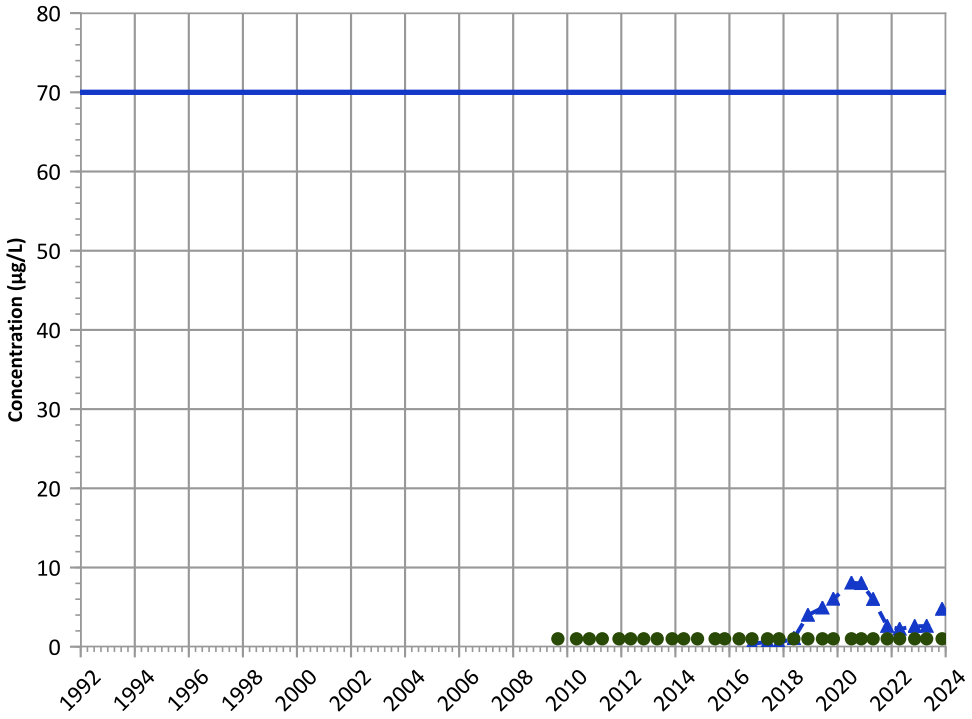


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

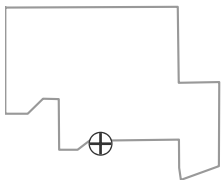
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

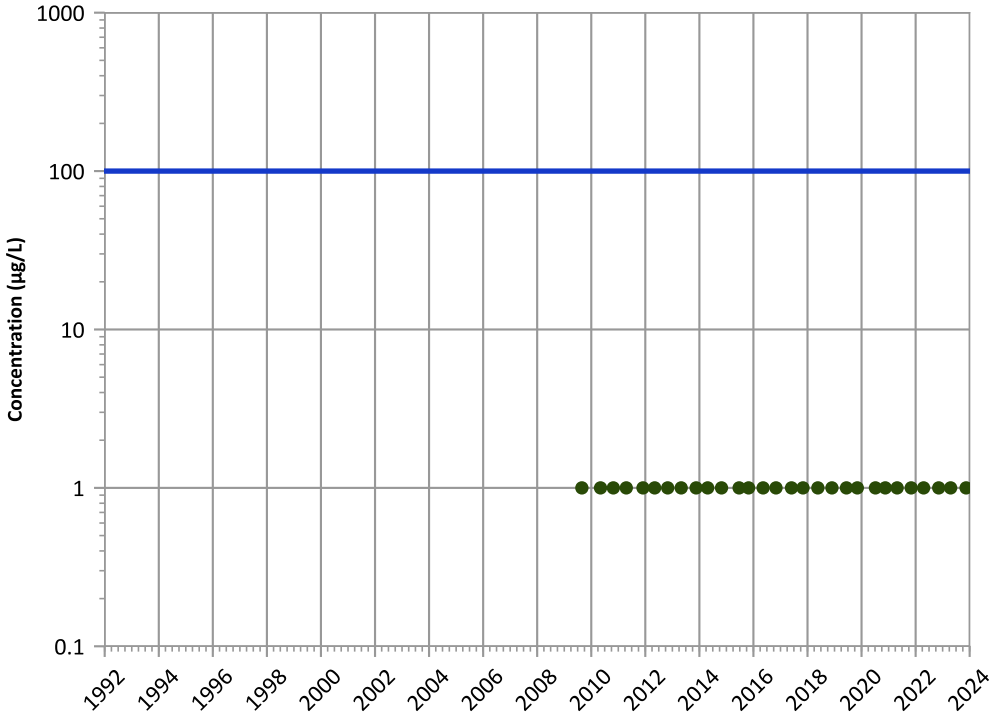
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

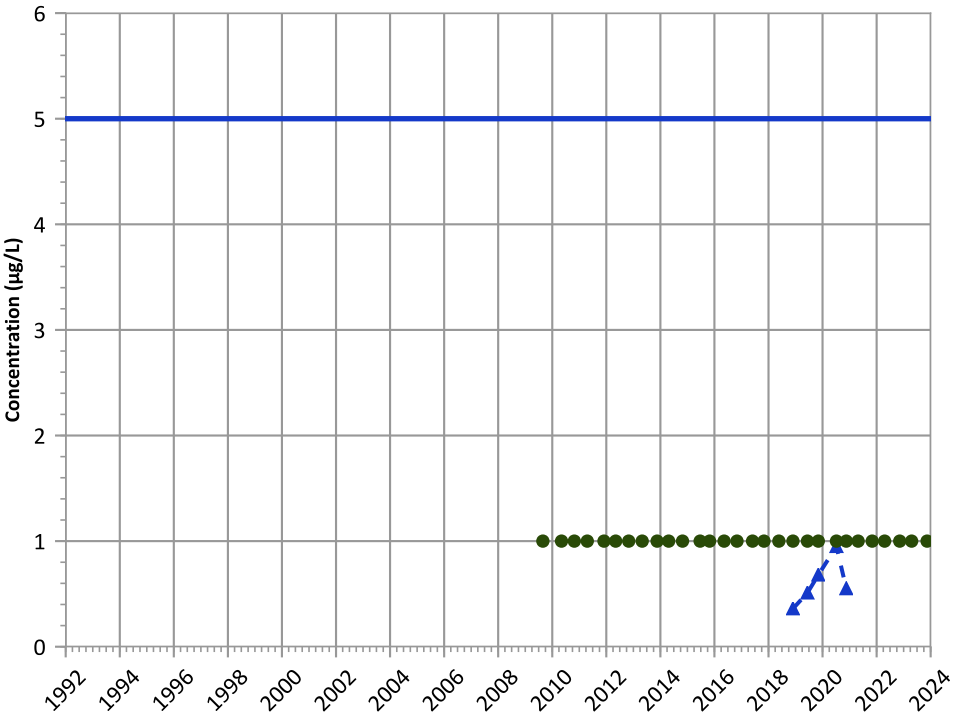


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

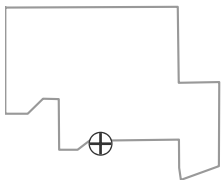
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

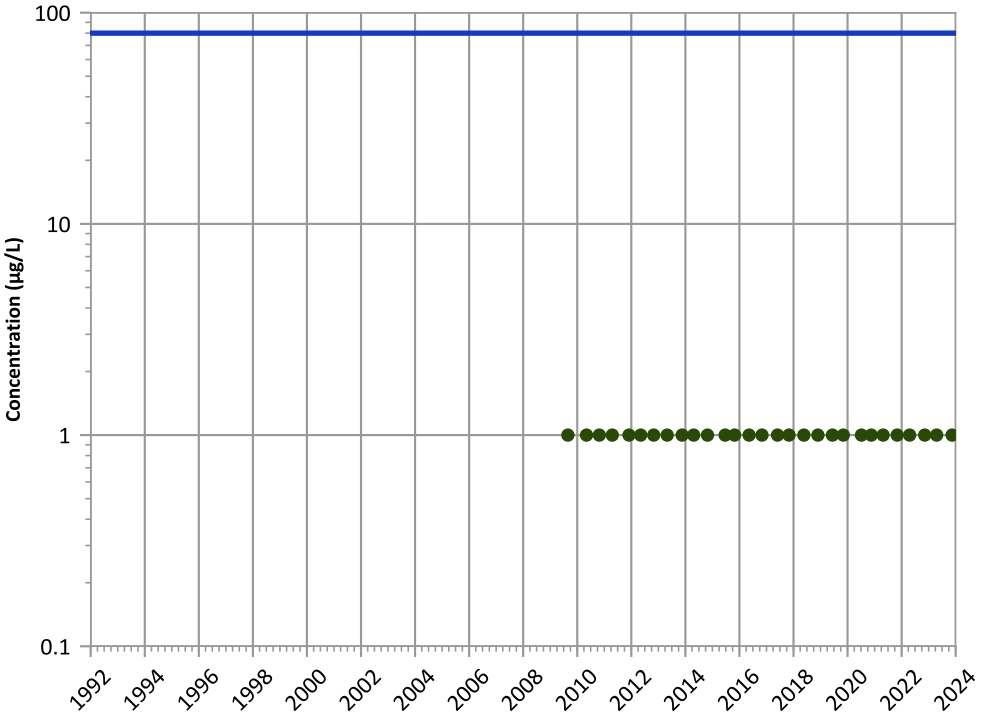
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

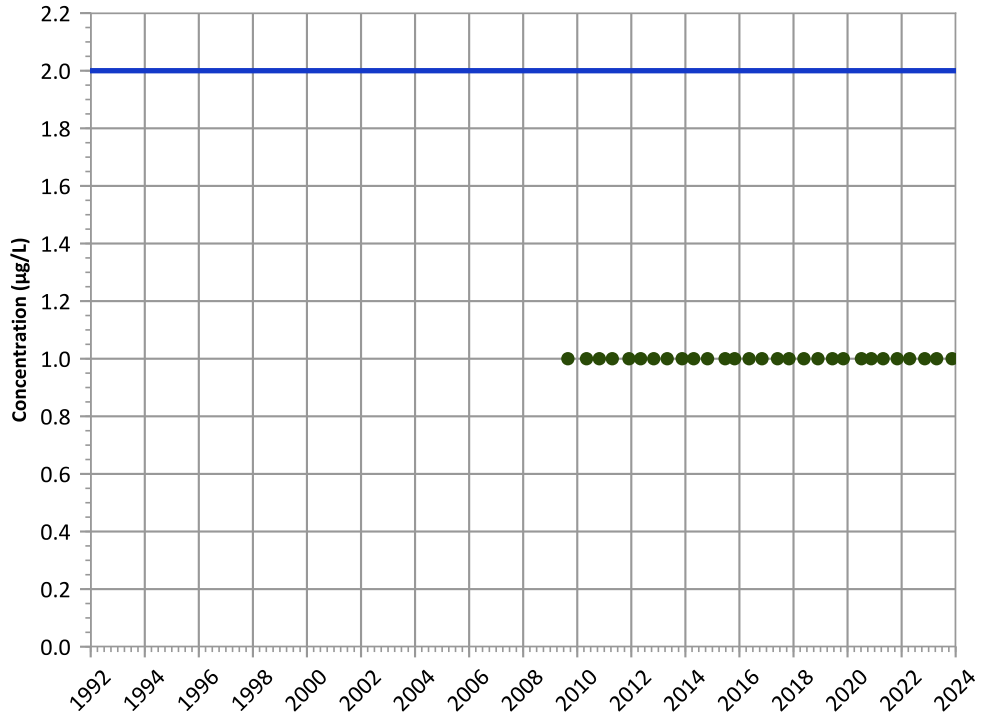


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

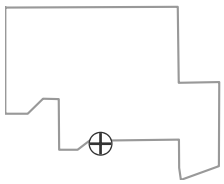
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

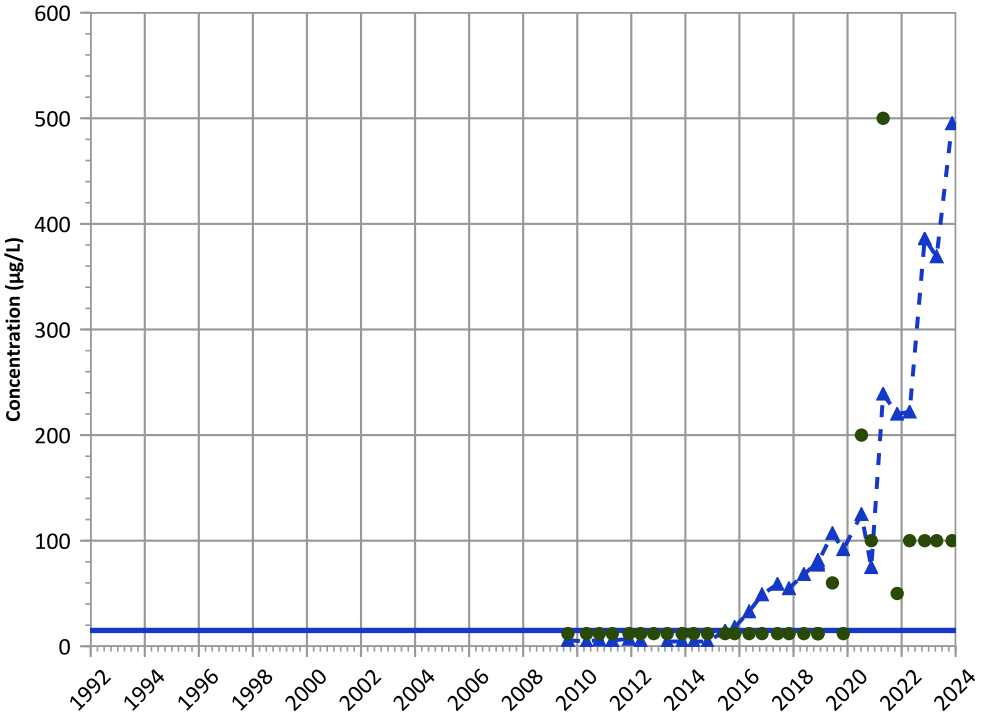
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

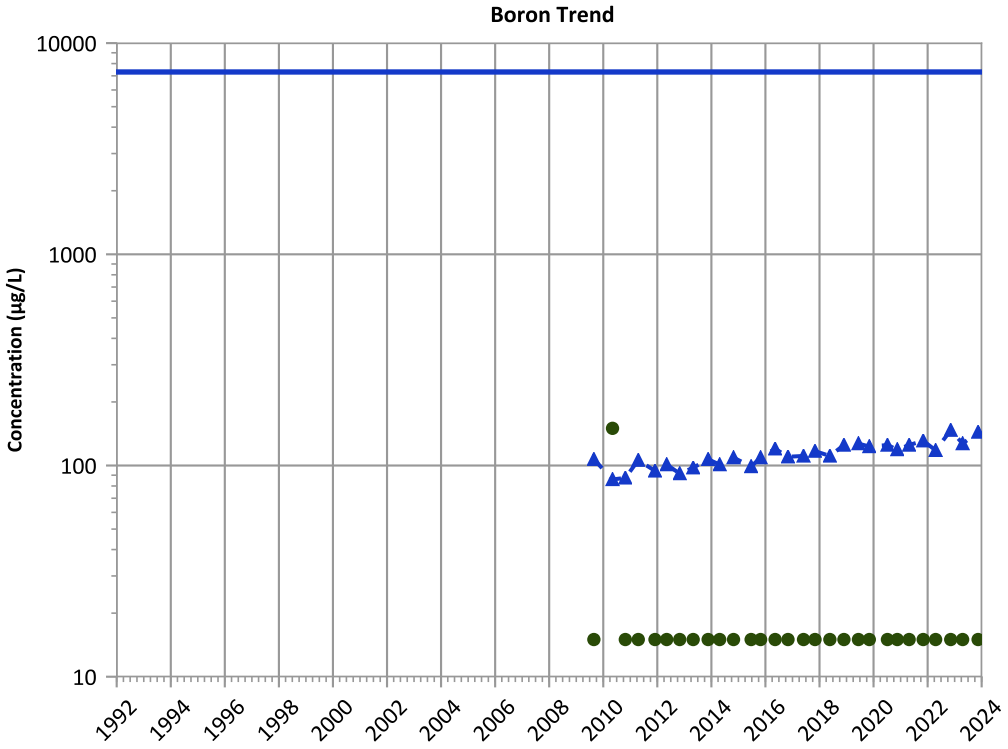


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

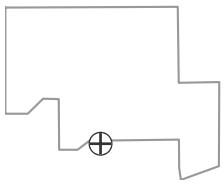
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

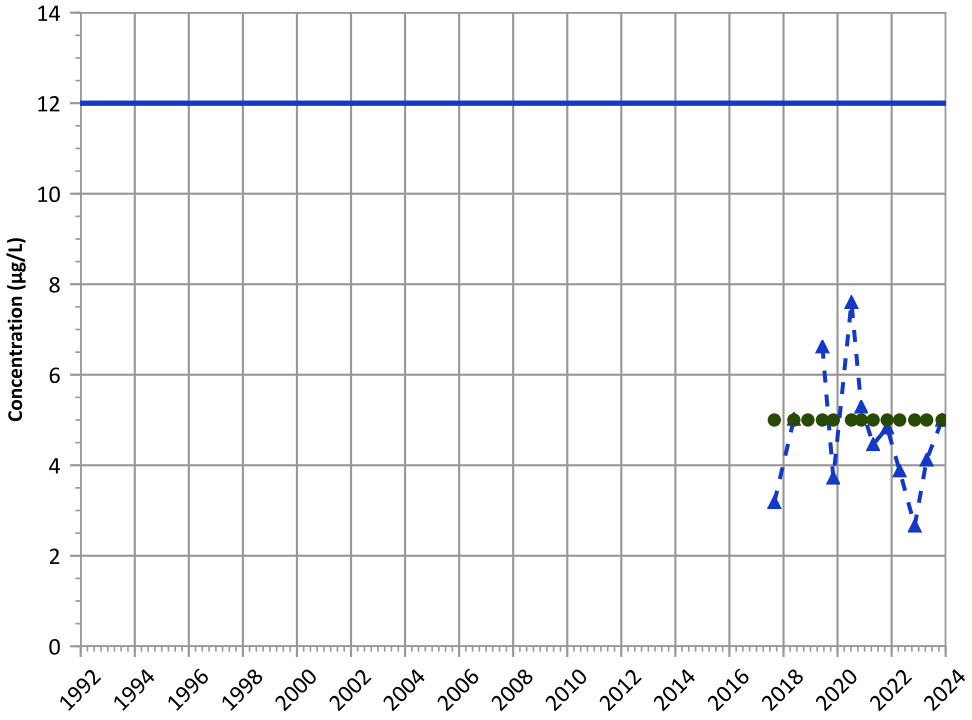
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

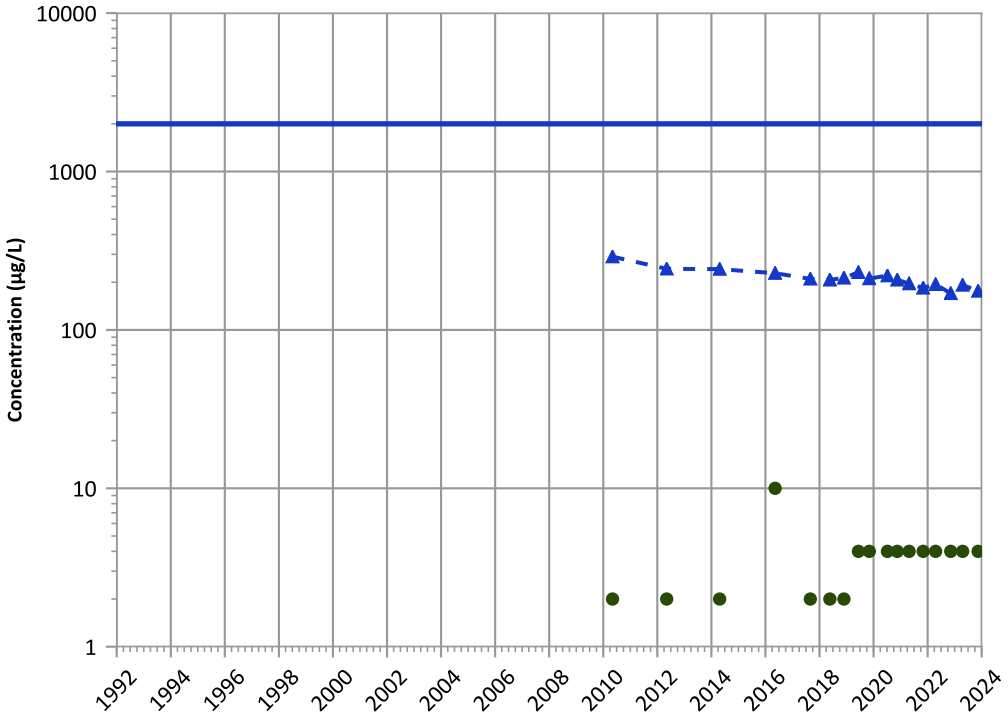


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

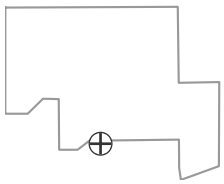
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

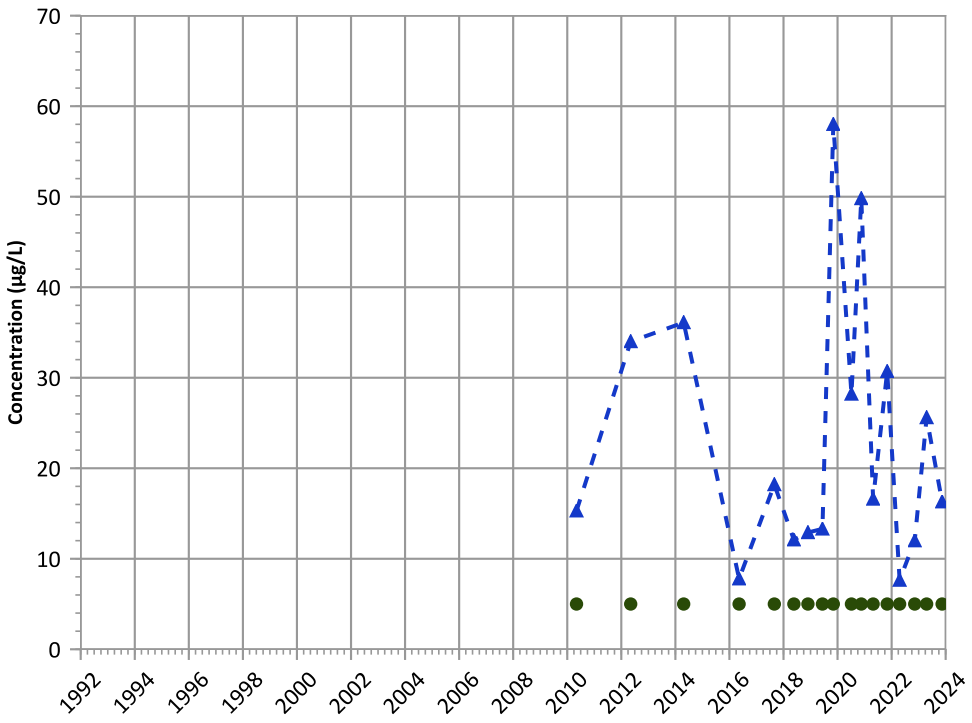
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

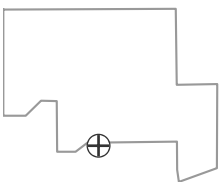
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

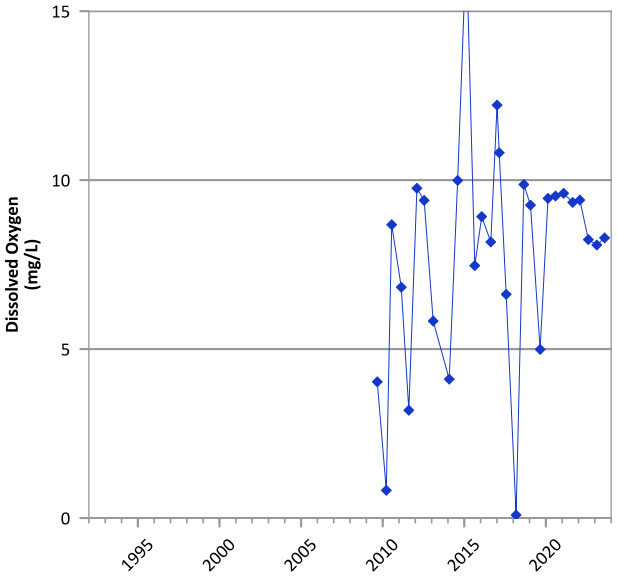
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/27/2009 to 11/14/2023
Analysis Date: 04/01/2024

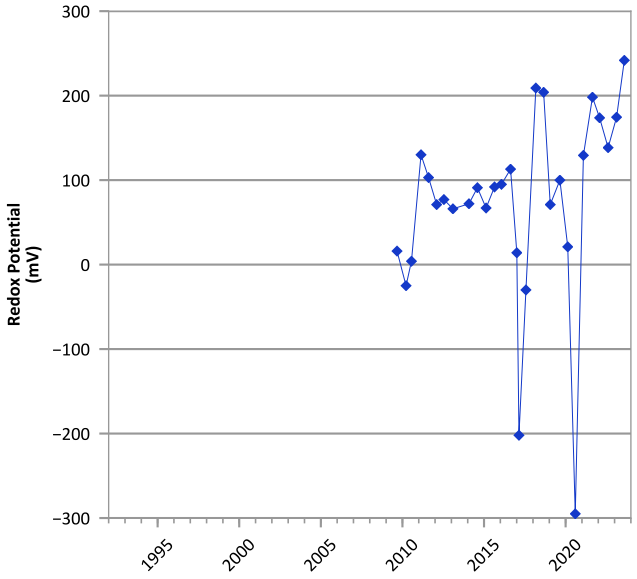
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

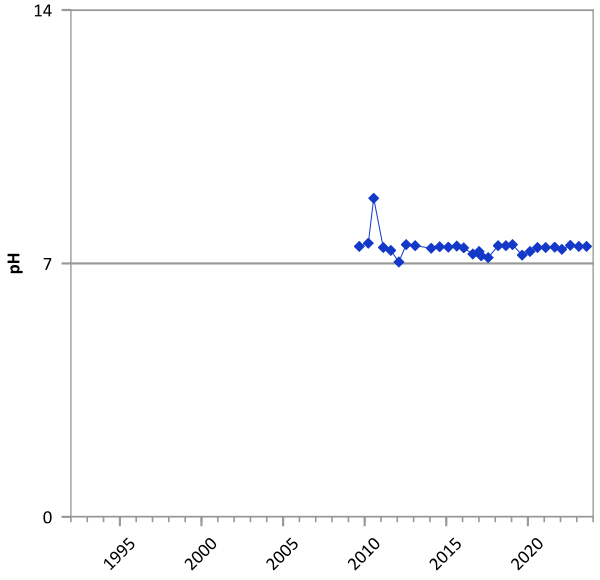
Well Location

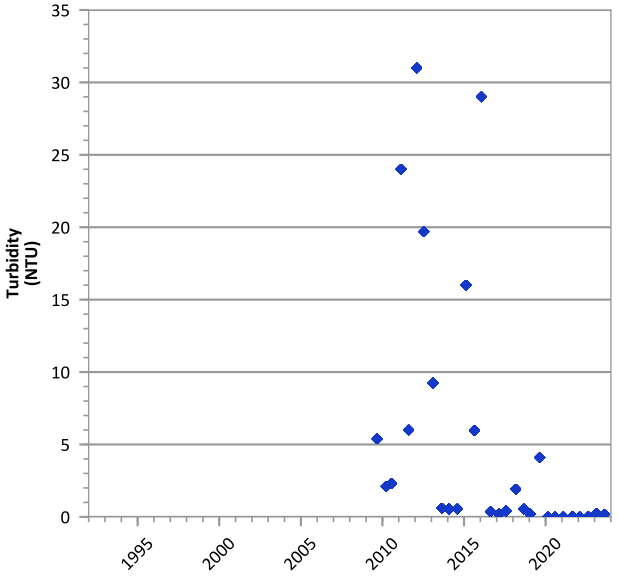


PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

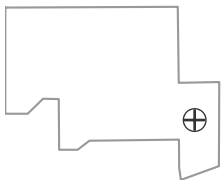






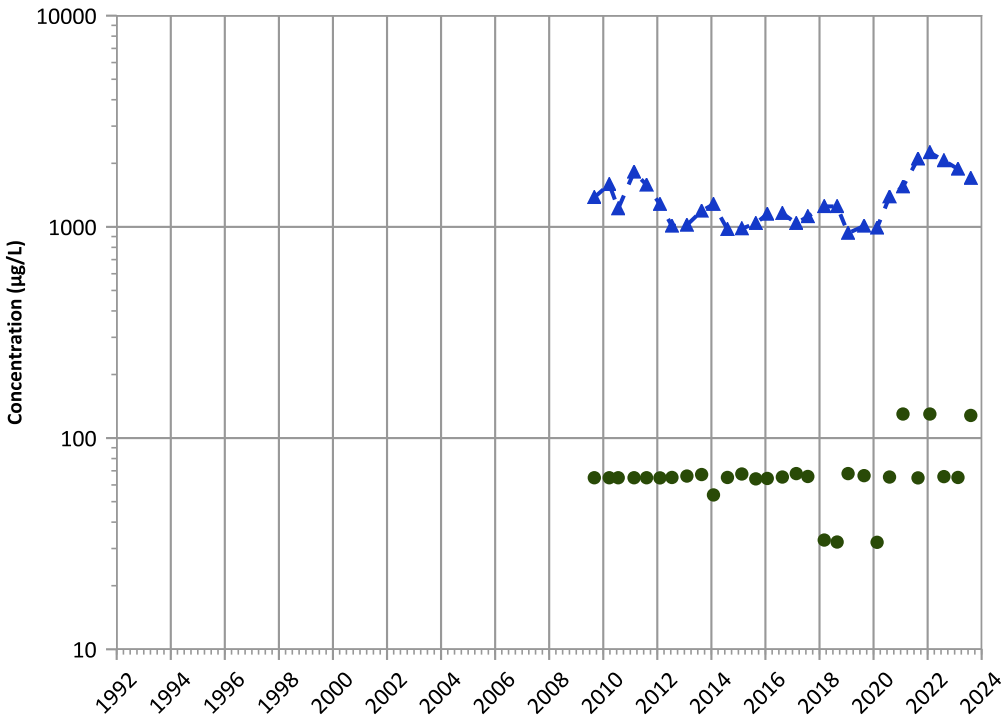


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

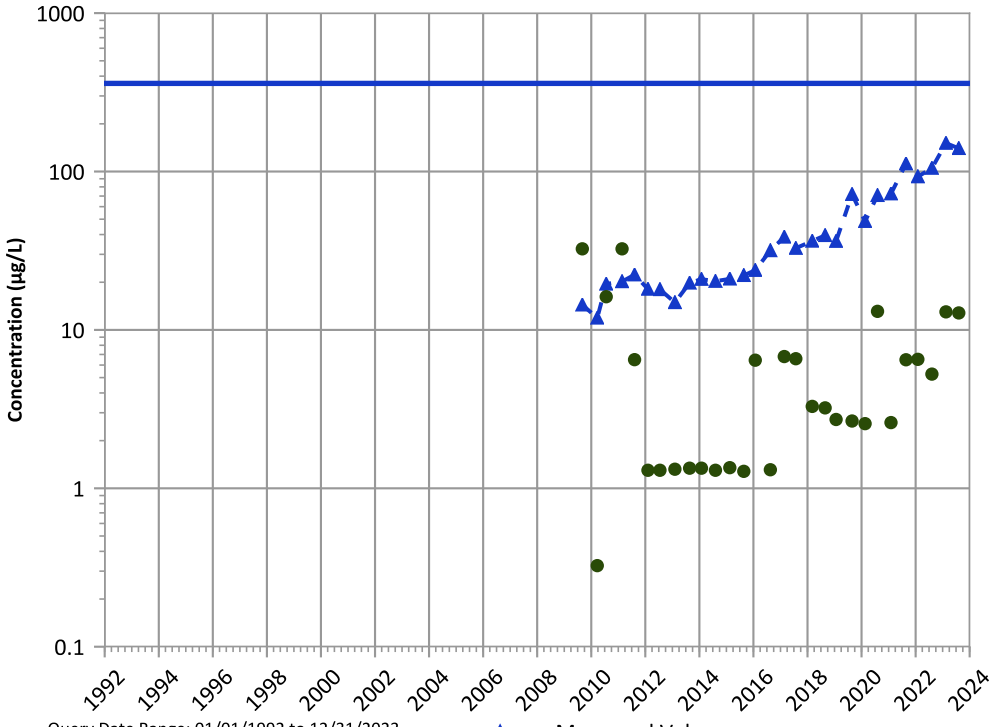


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

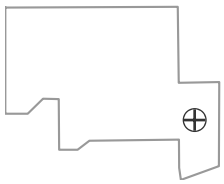
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

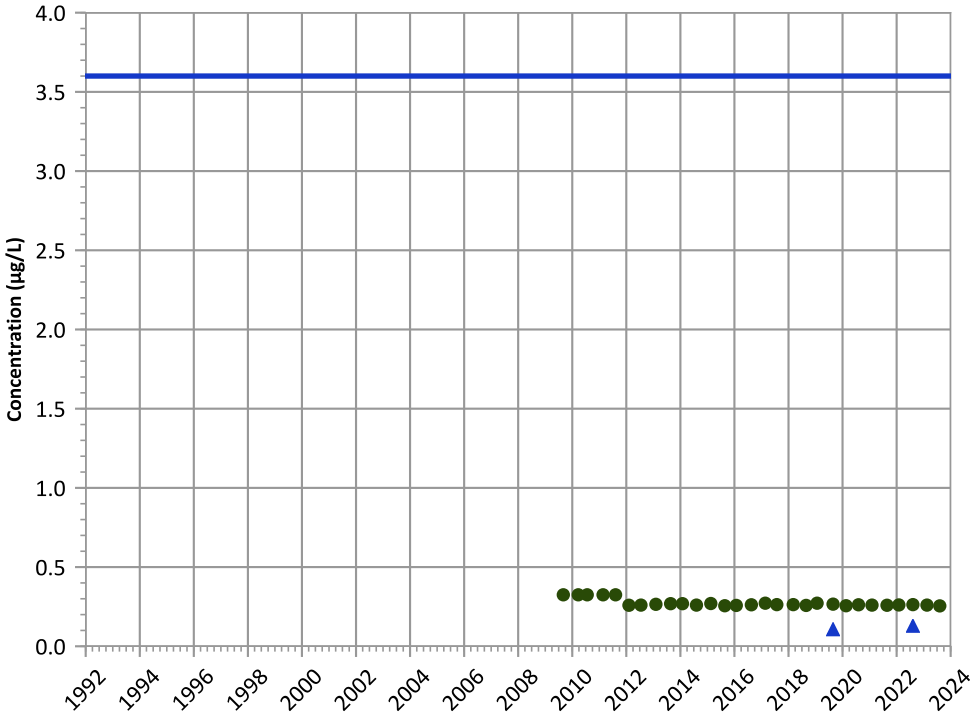
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

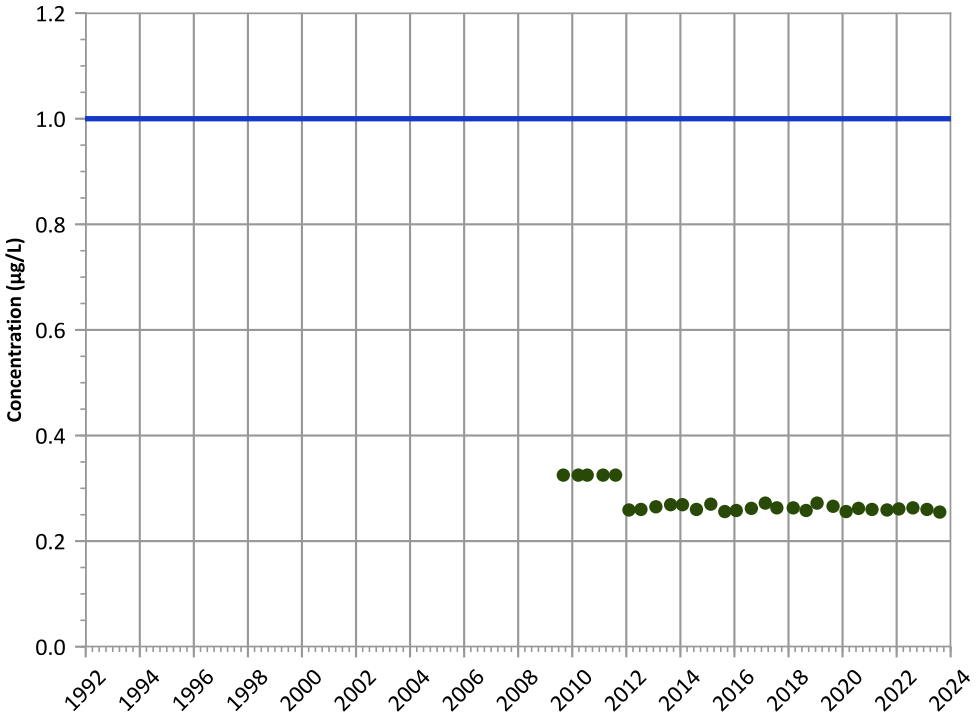


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

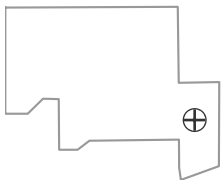
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

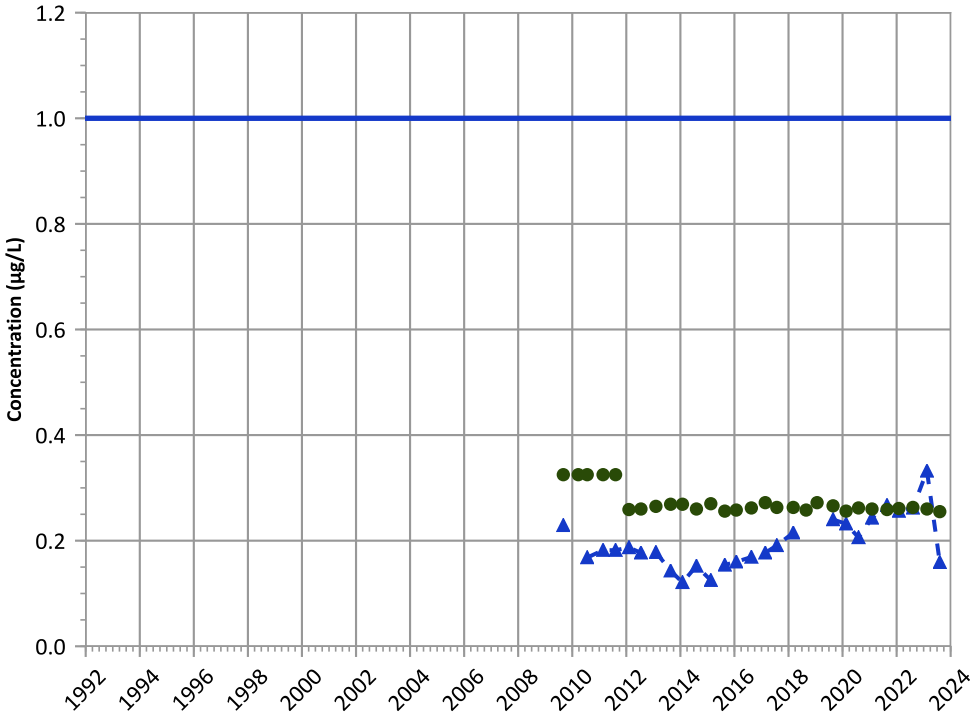
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

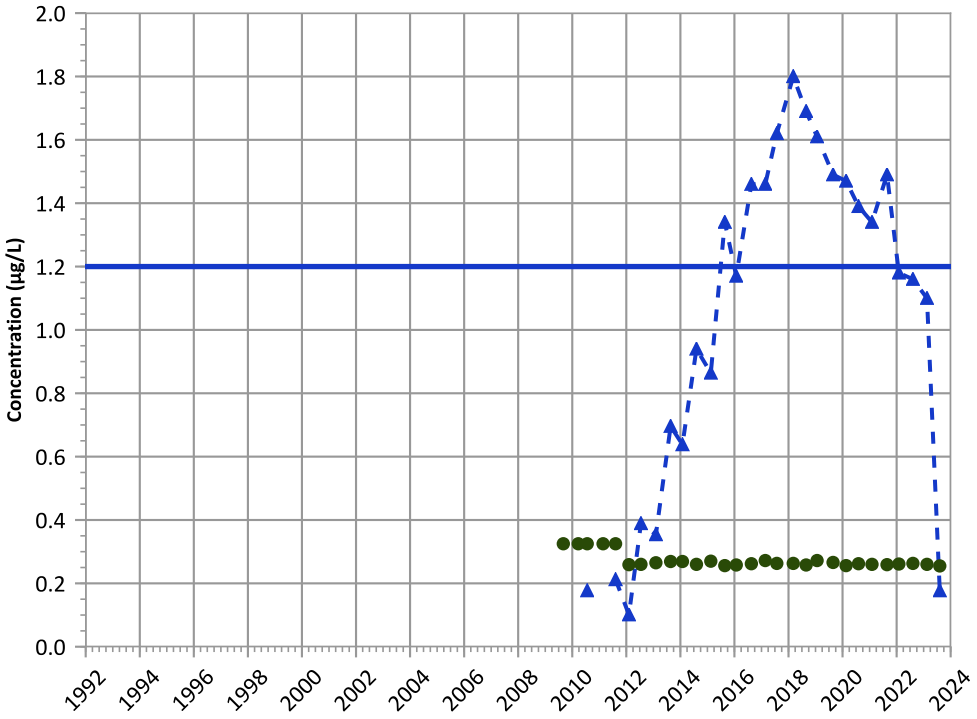


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

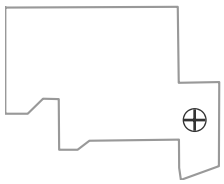
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

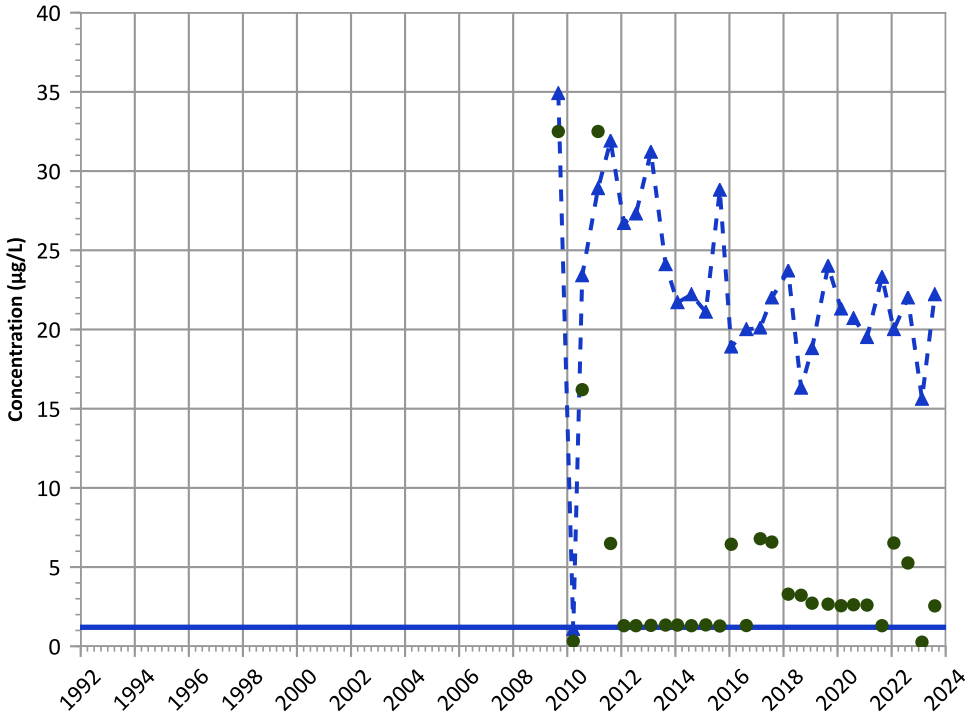
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

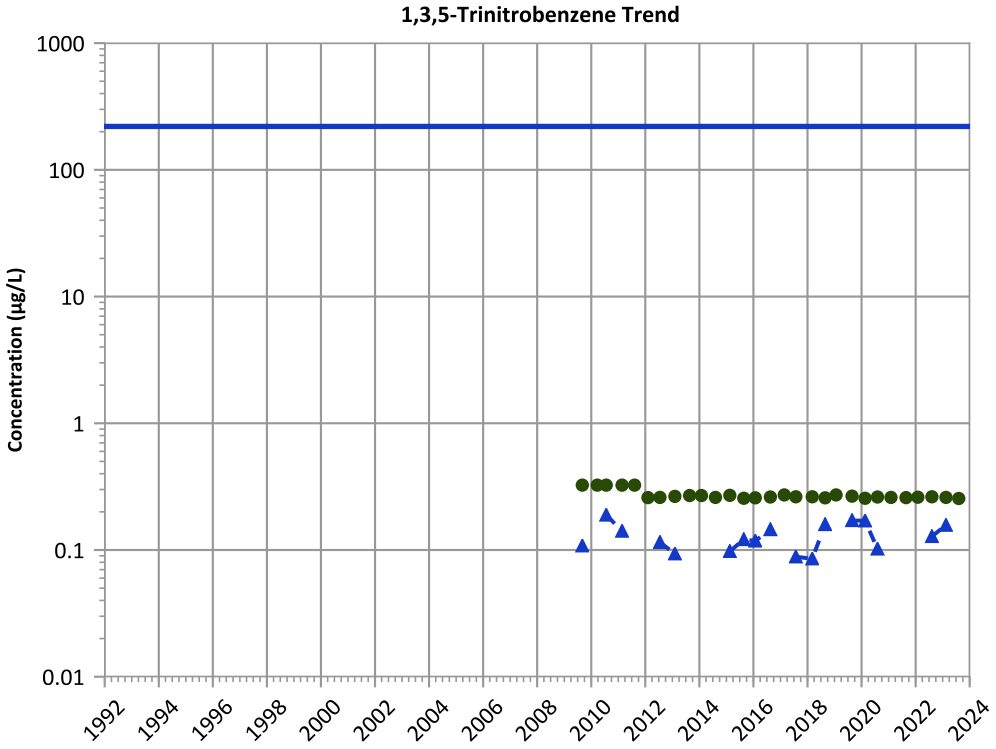


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

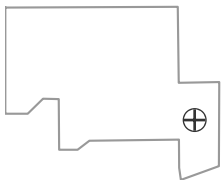
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

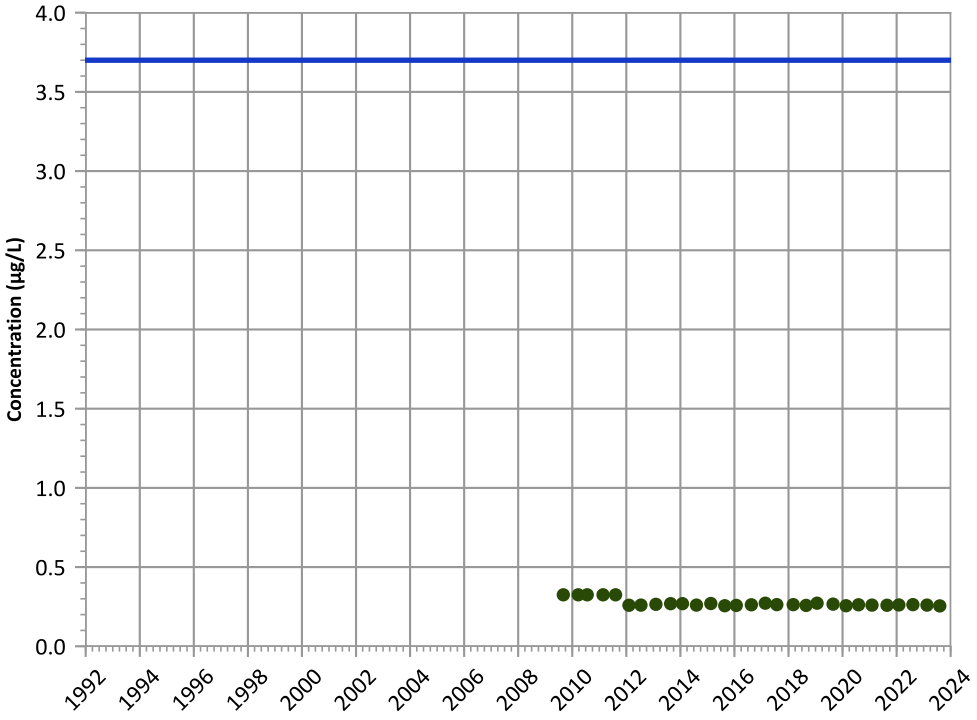
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

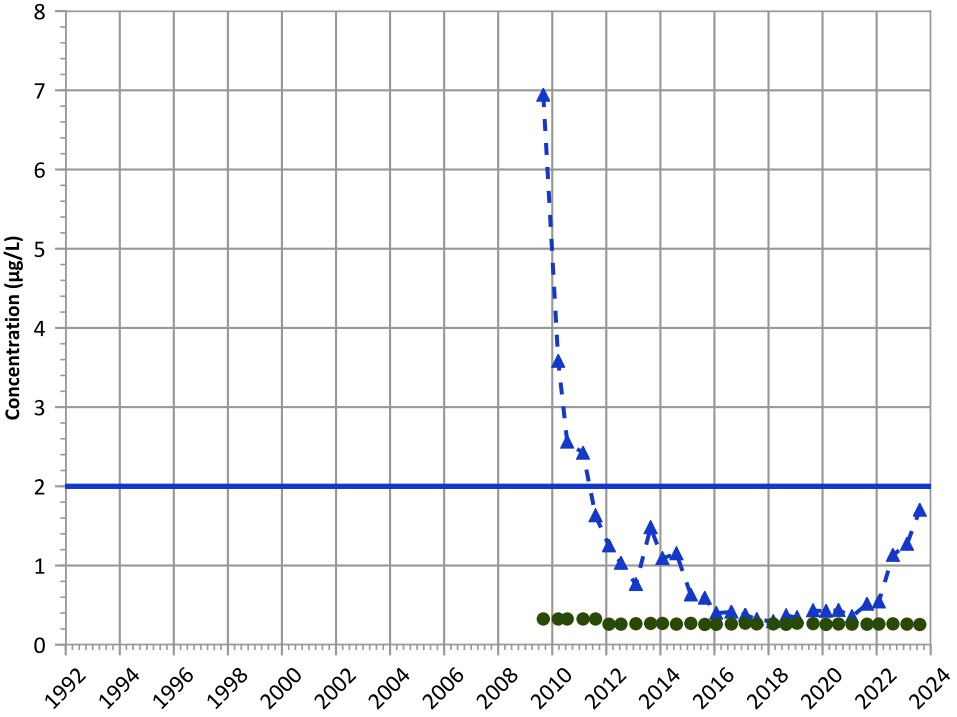


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

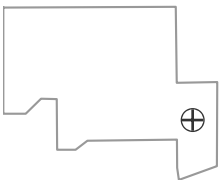
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

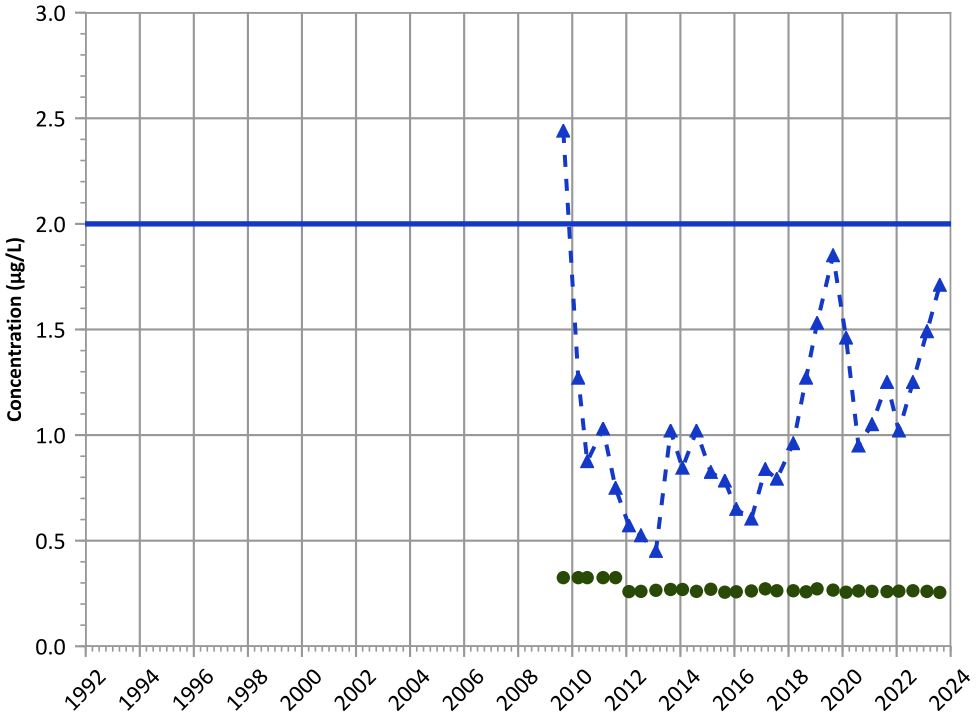
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

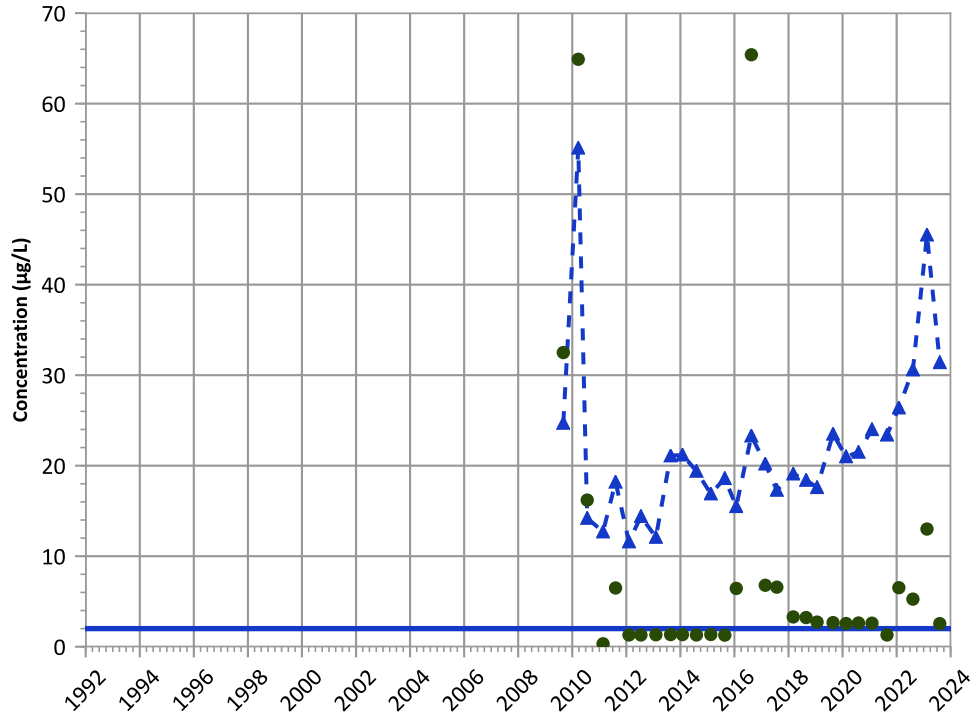


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

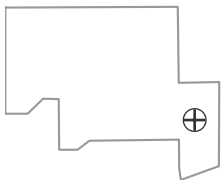
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

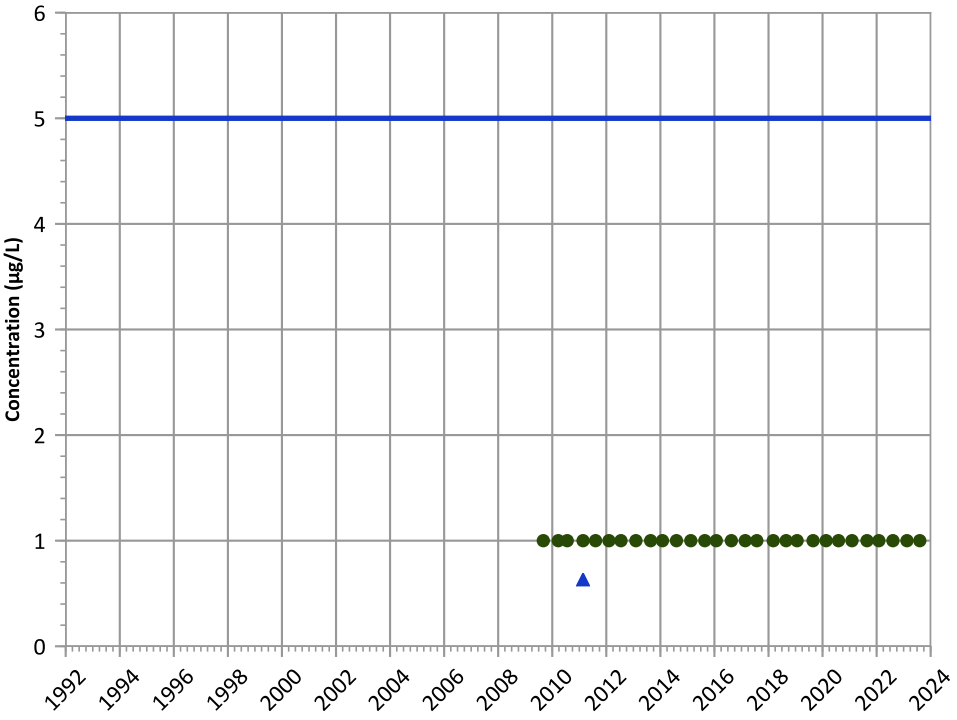
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

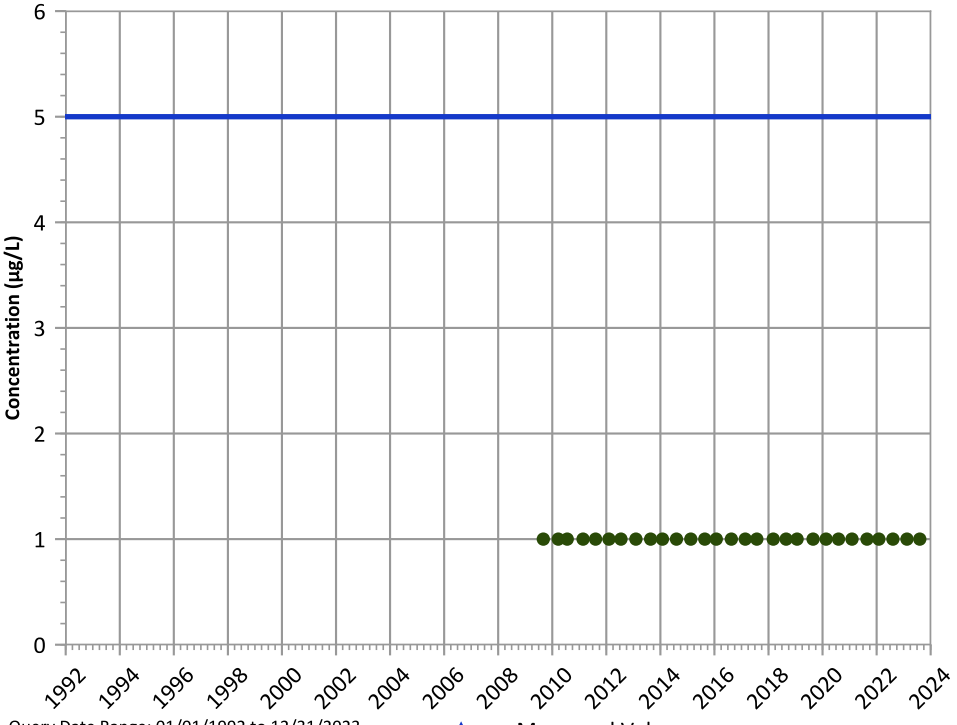


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

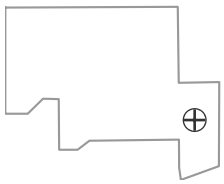
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

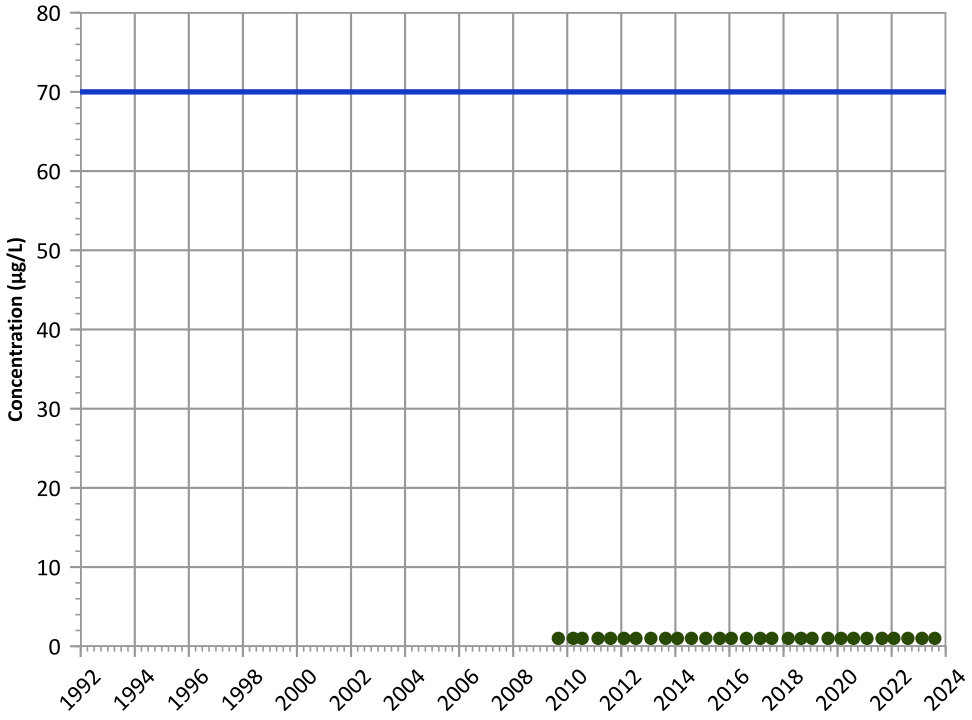
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

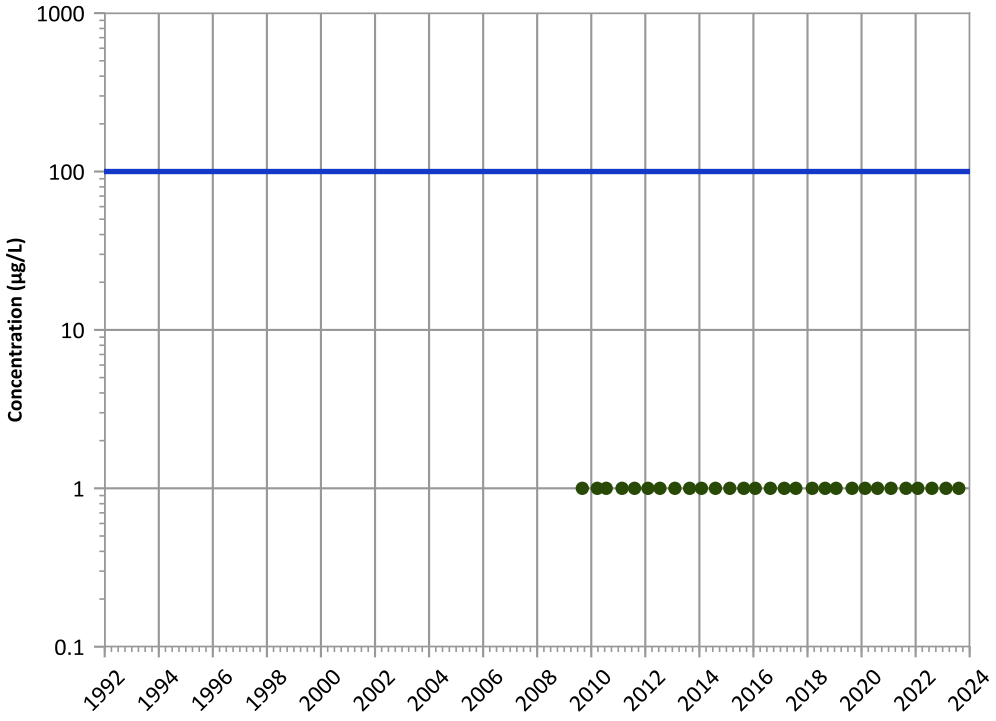
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



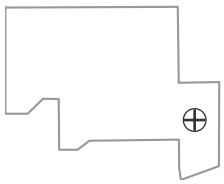
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

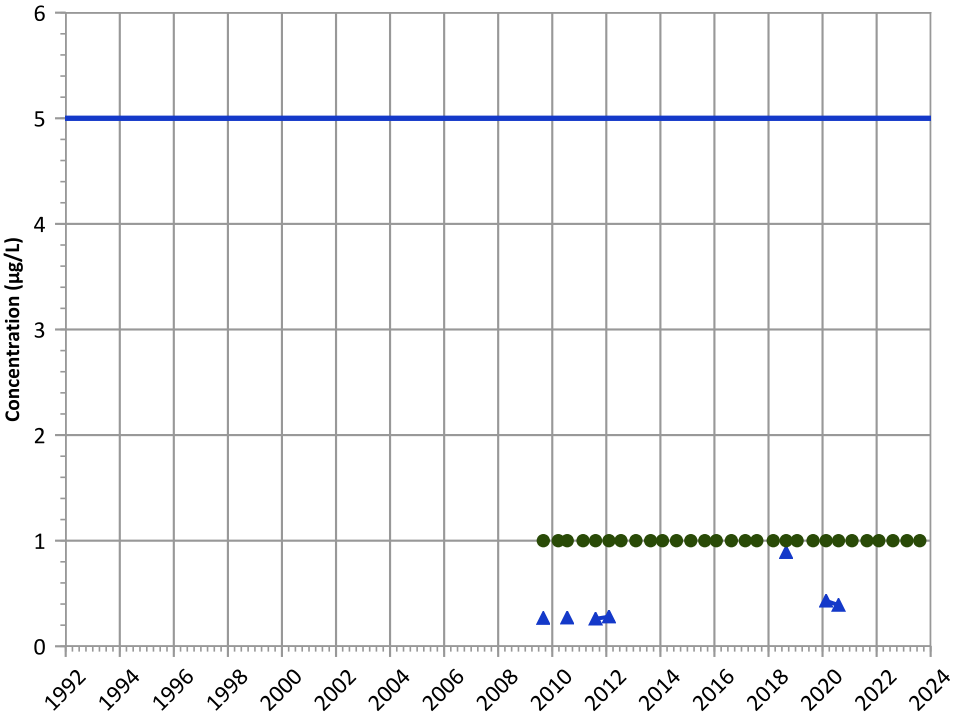
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

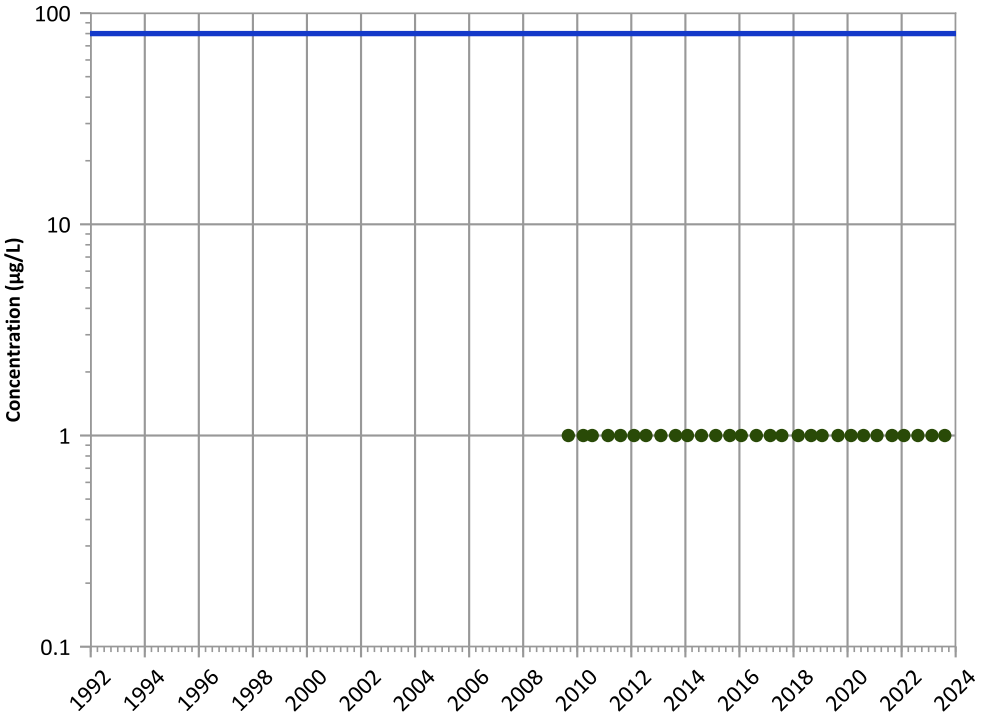


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Chloroform Trend



Concentration Trend

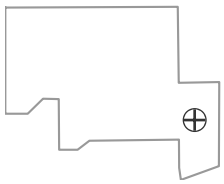
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

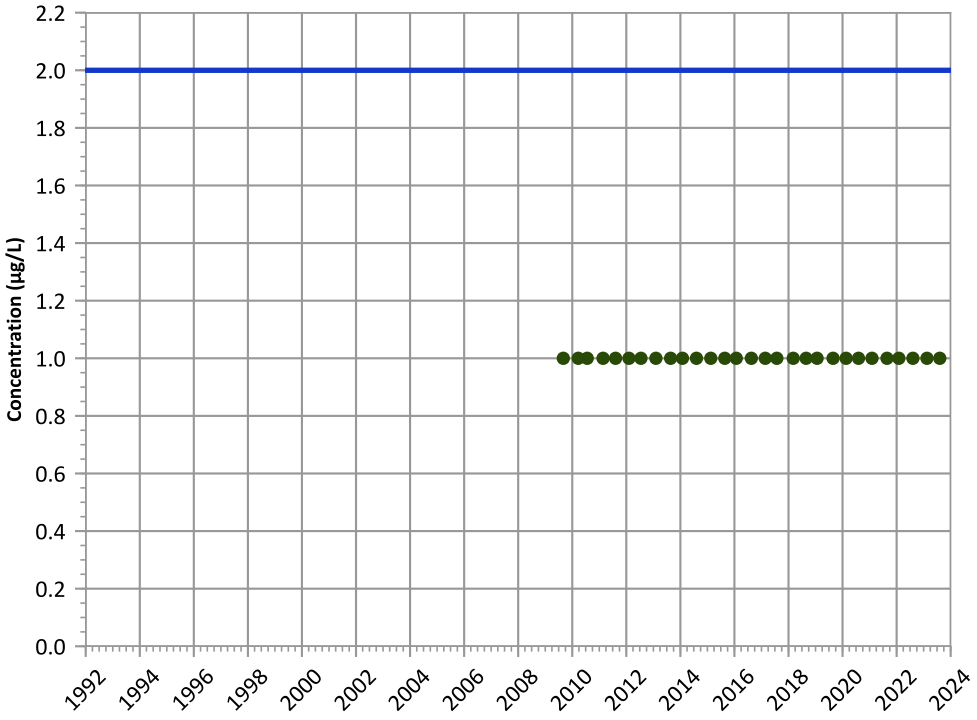
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

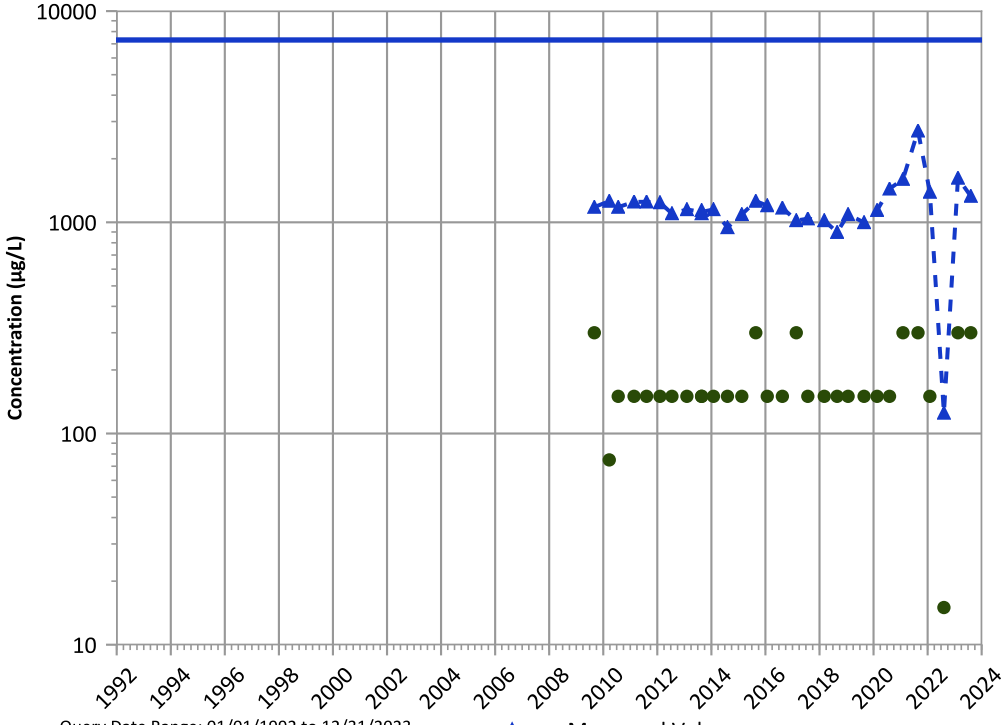


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

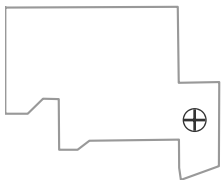
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

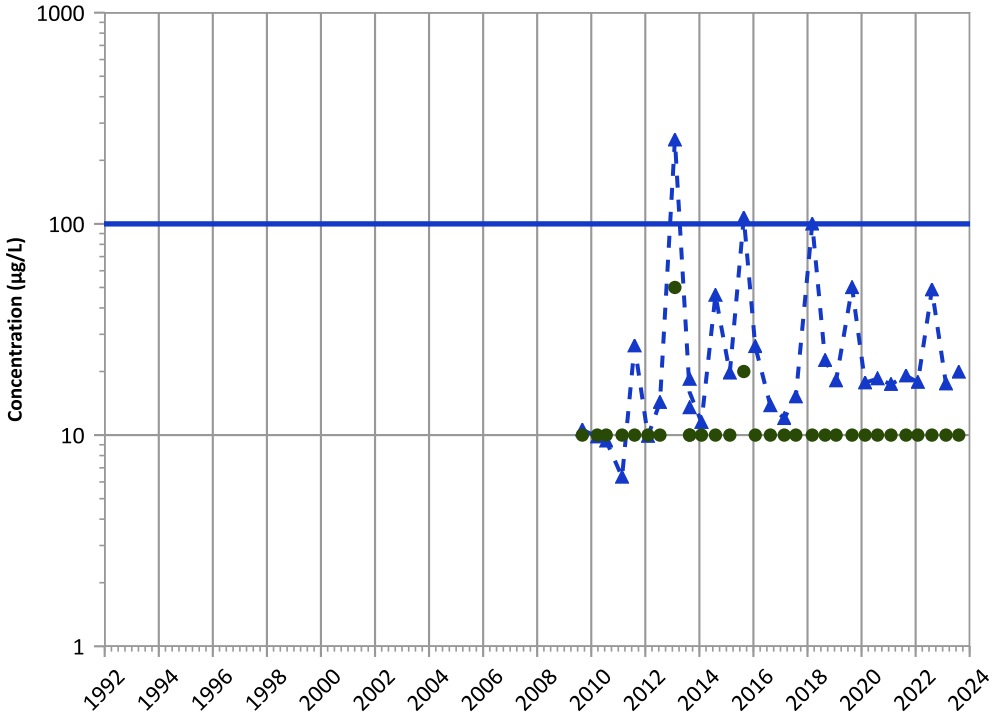
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

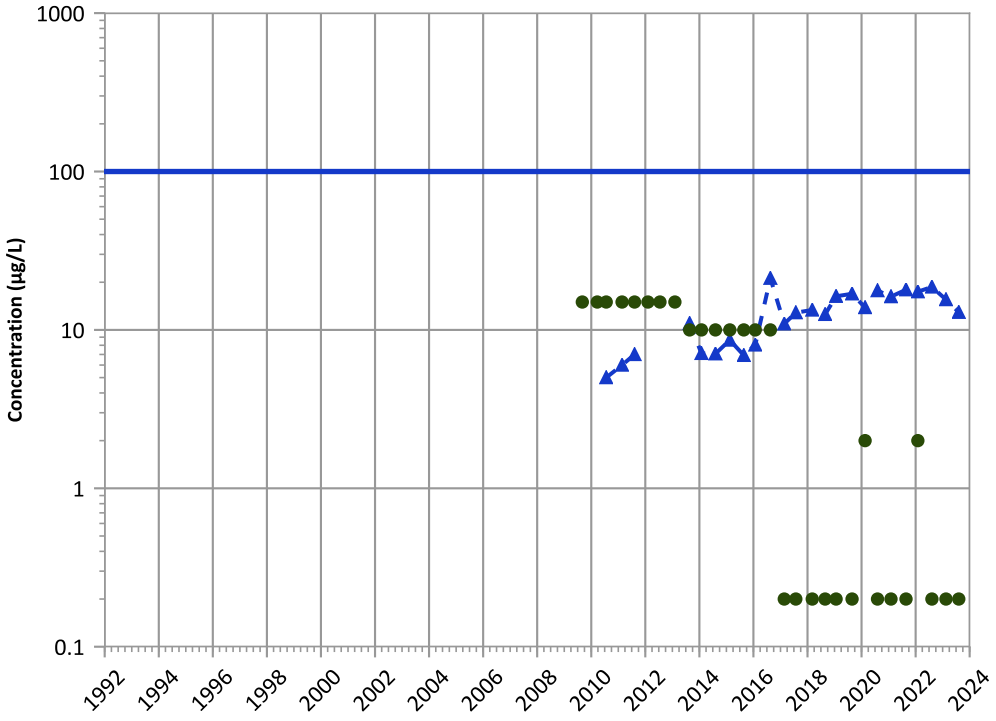


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

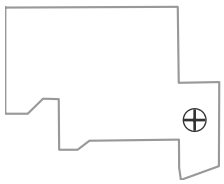
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

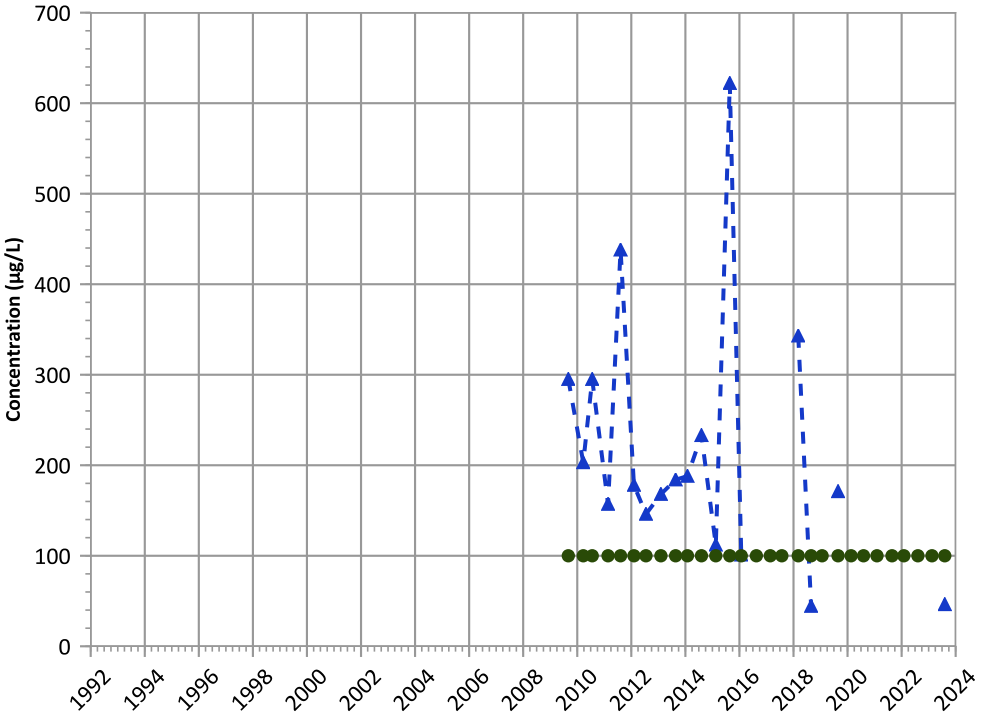
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

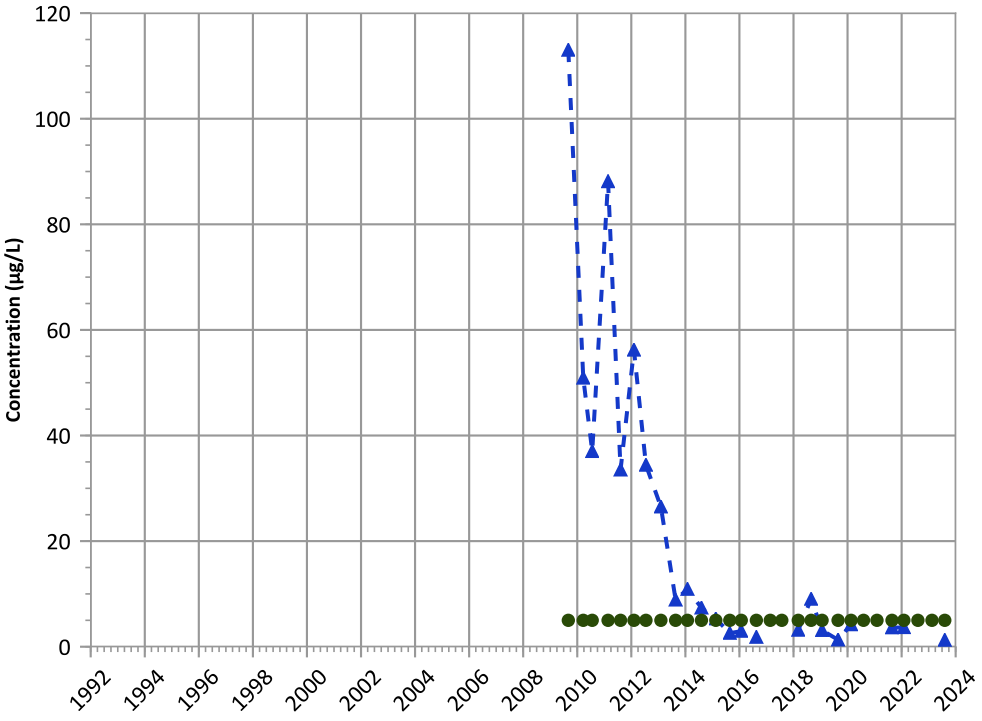


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

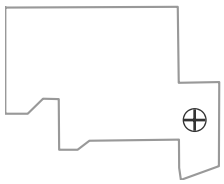
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

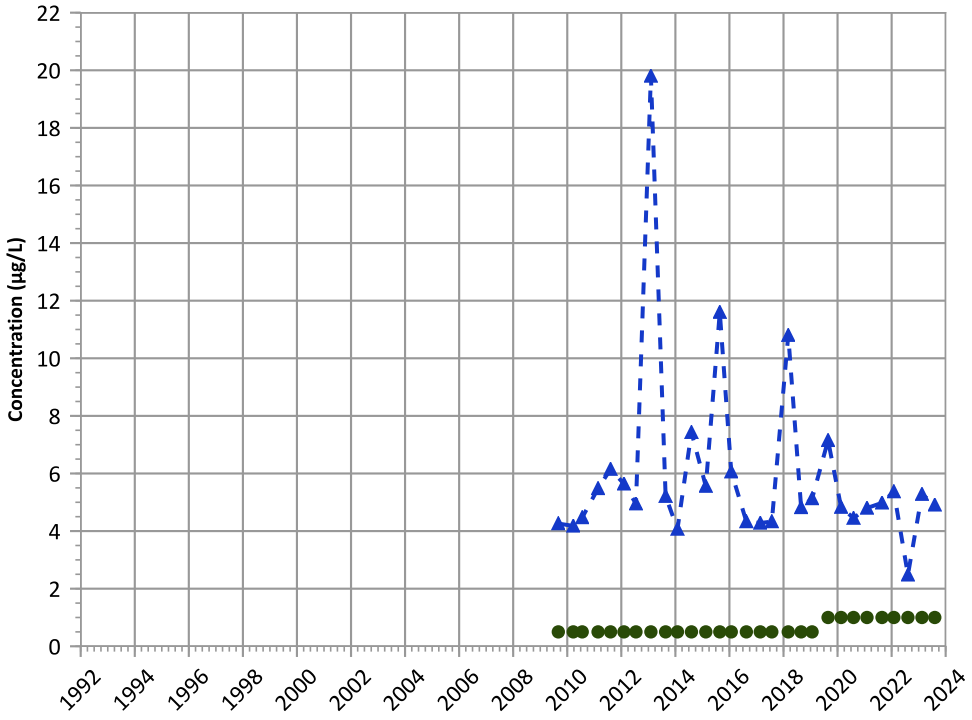
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

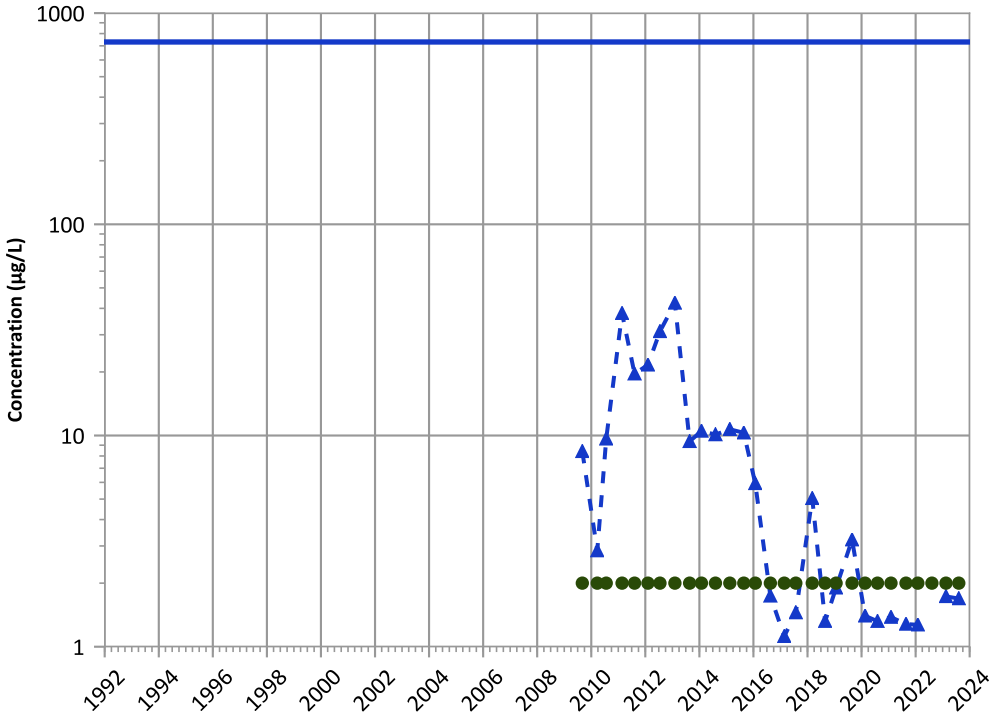


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Nickel Trend



Concentration Trend

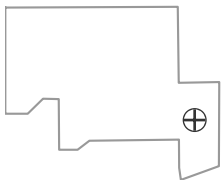
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

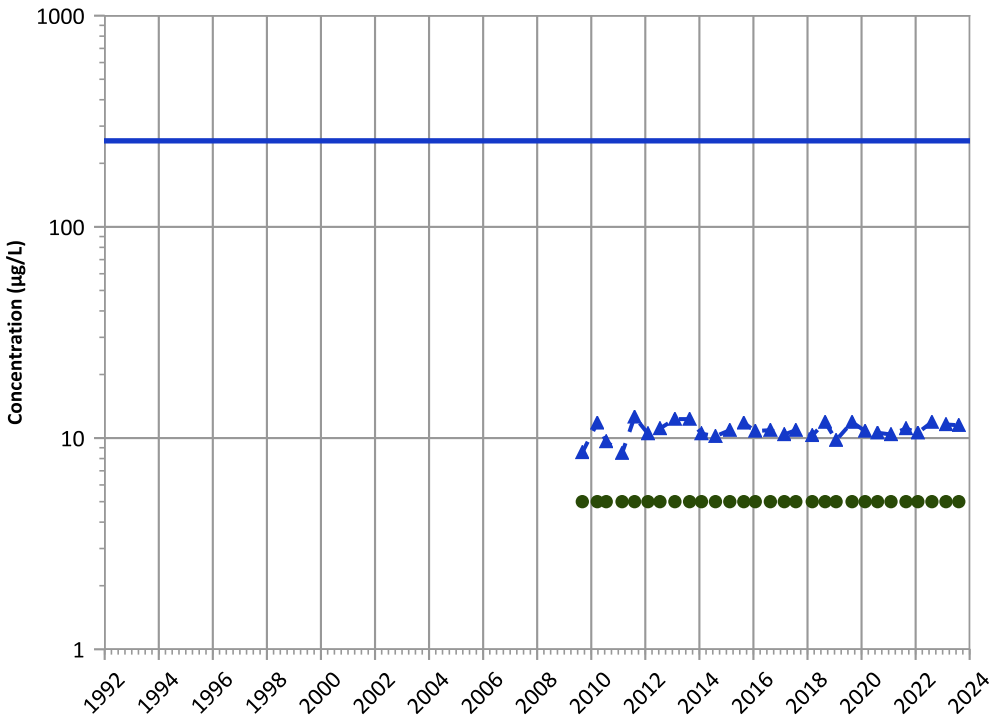
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

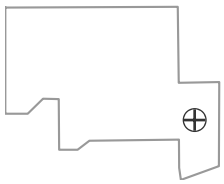
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

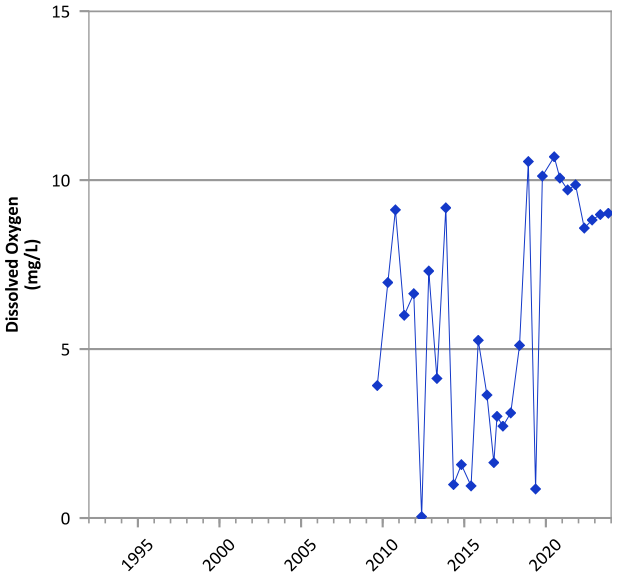
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 08/07/2023
Analysis Date: 04/01/2024

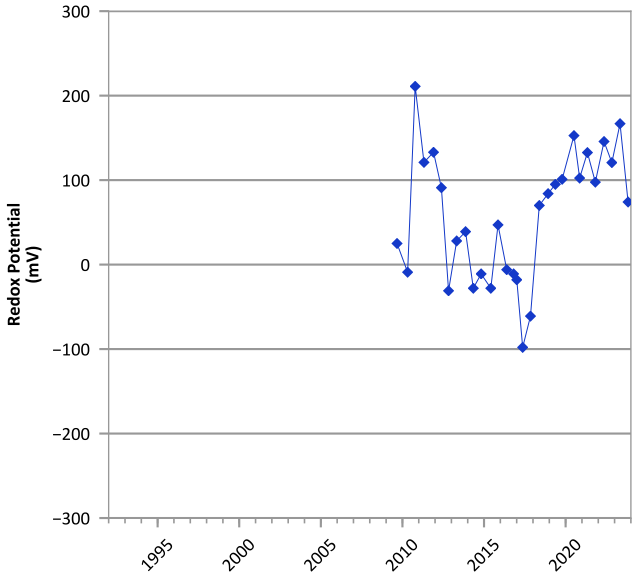
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

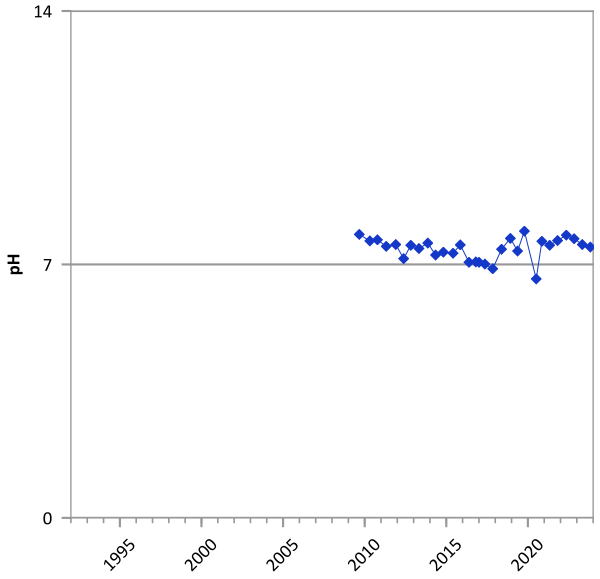
Well Location

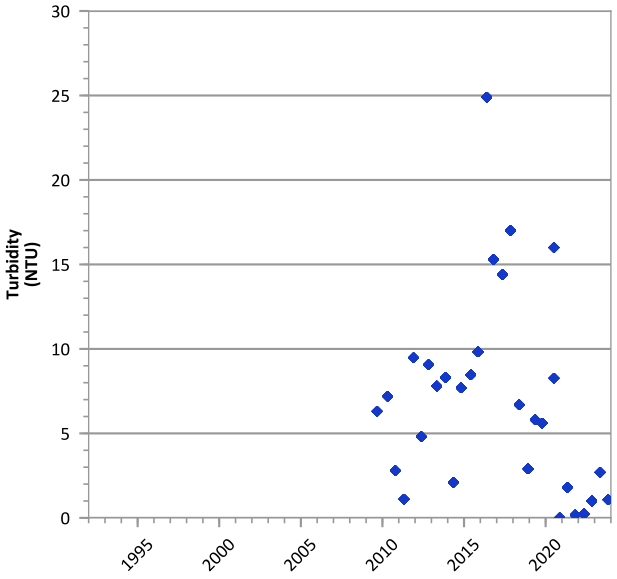


PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

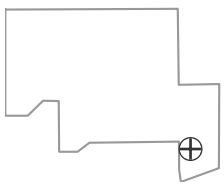






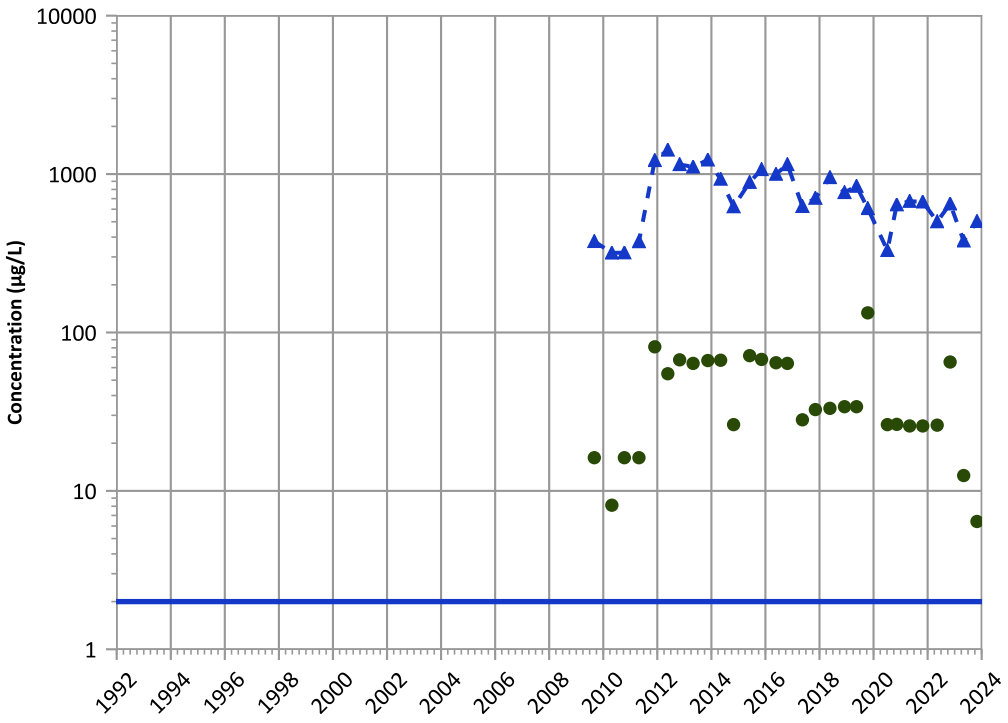


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

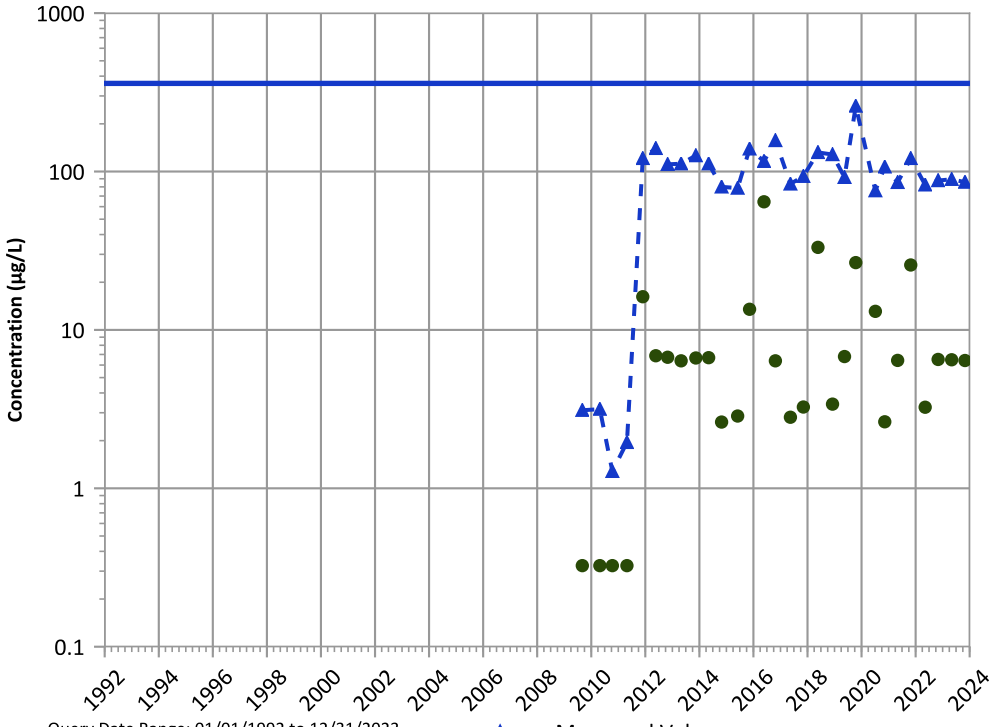


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

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



Concentration Trend

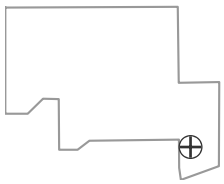
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

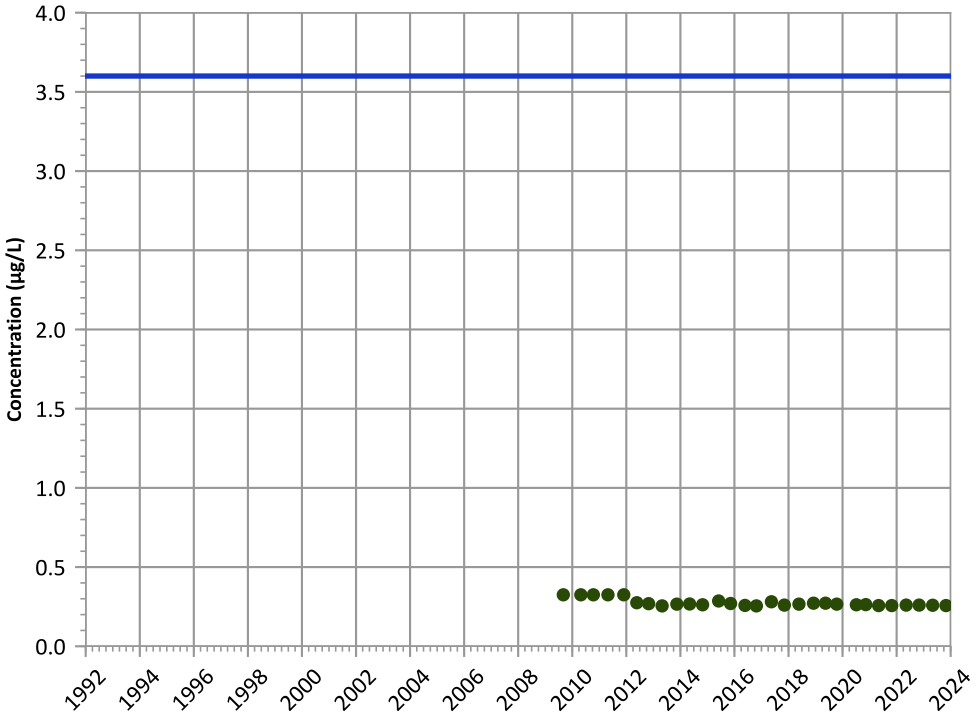
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

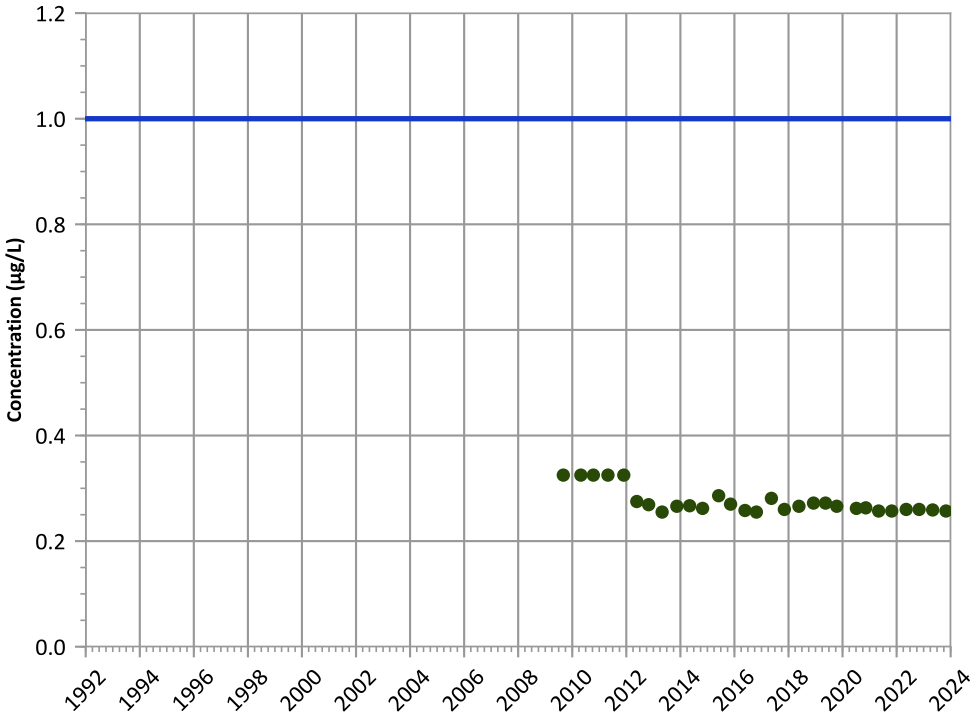


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

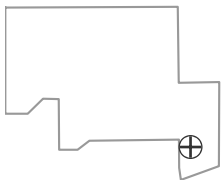
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

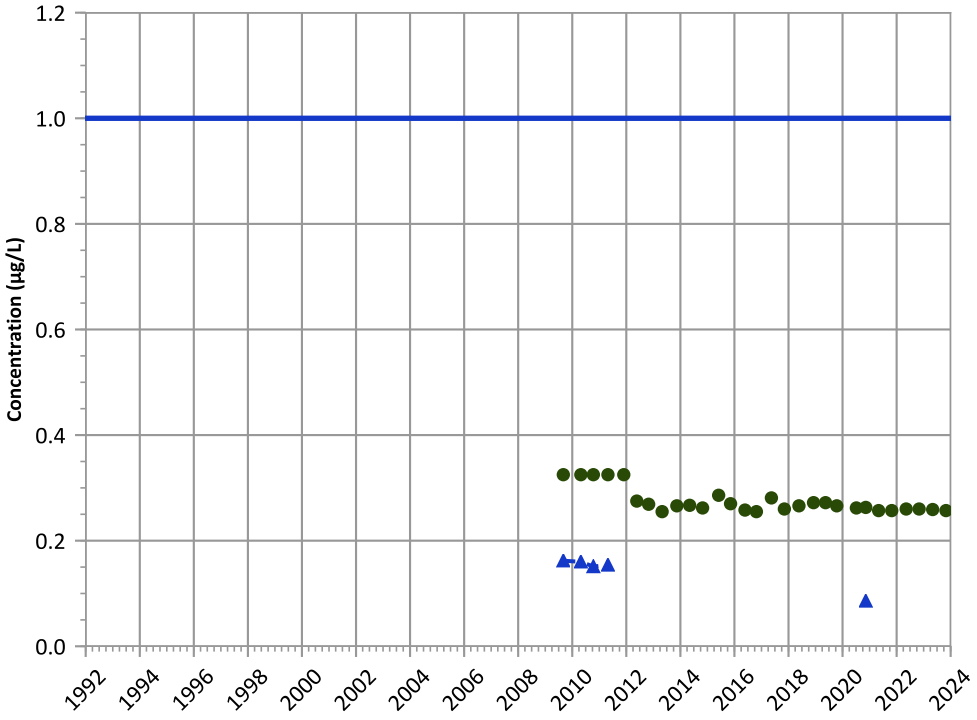
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

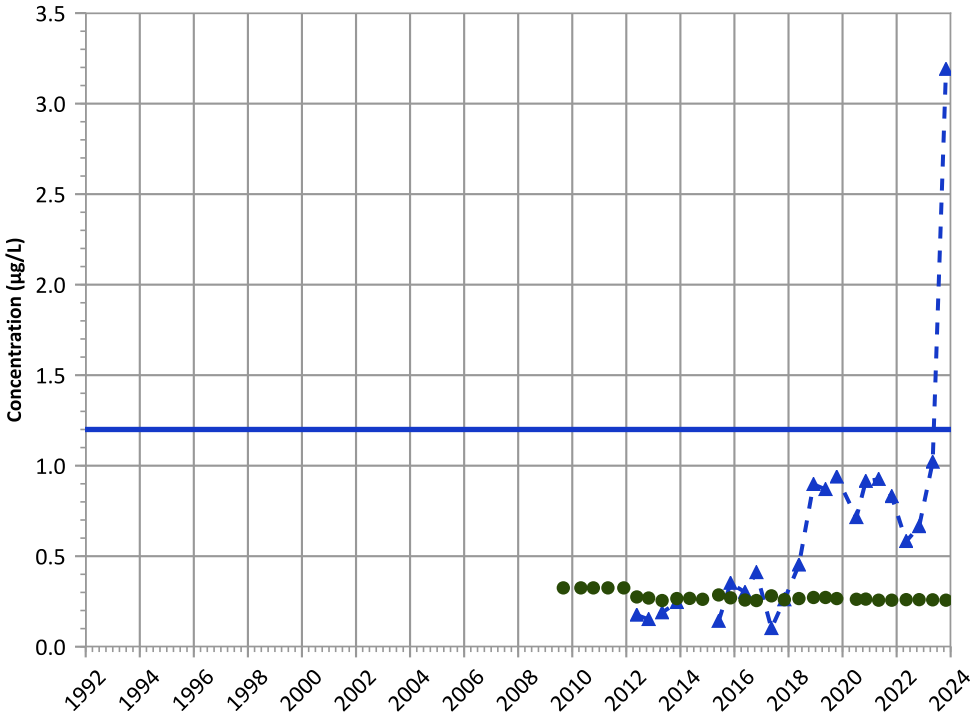


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

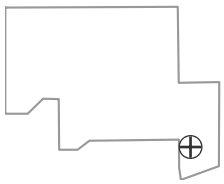
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

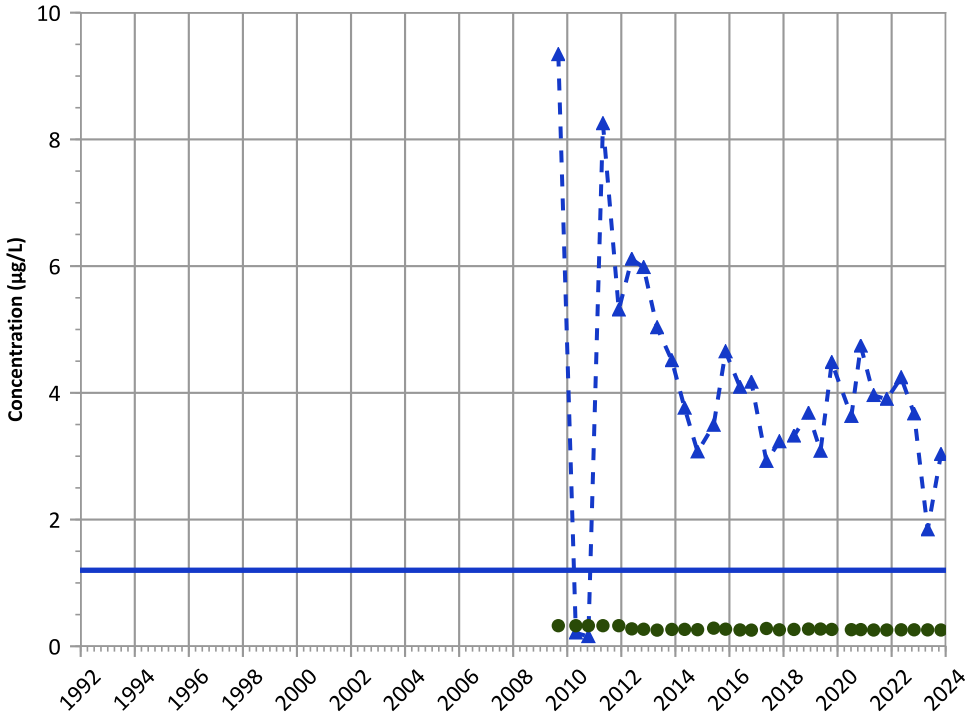
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

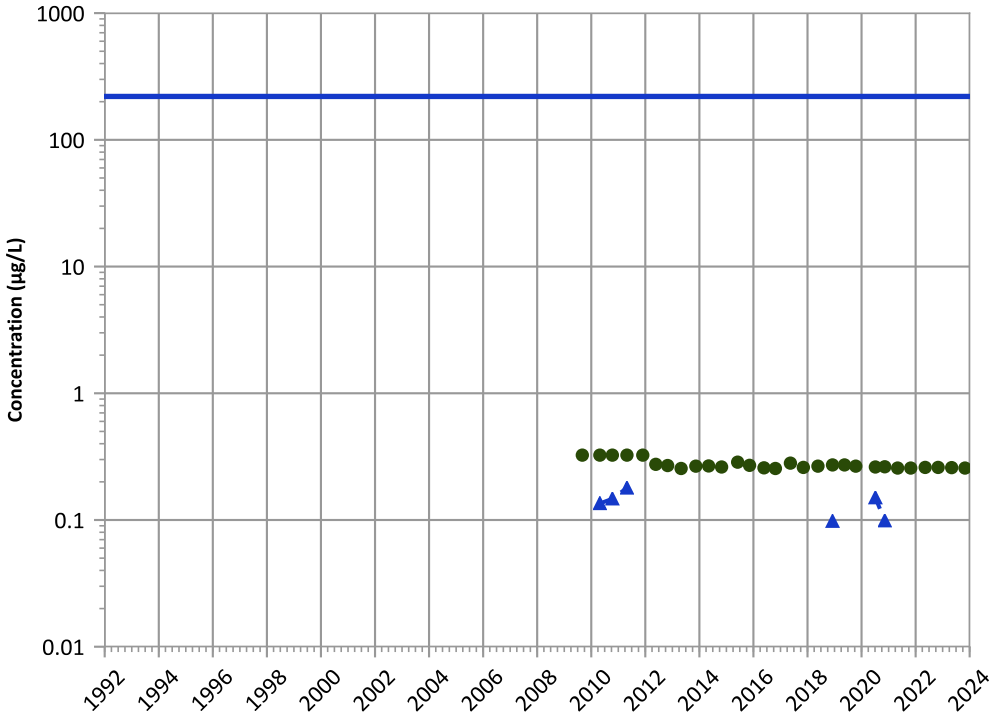


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

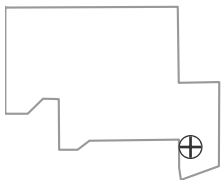
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

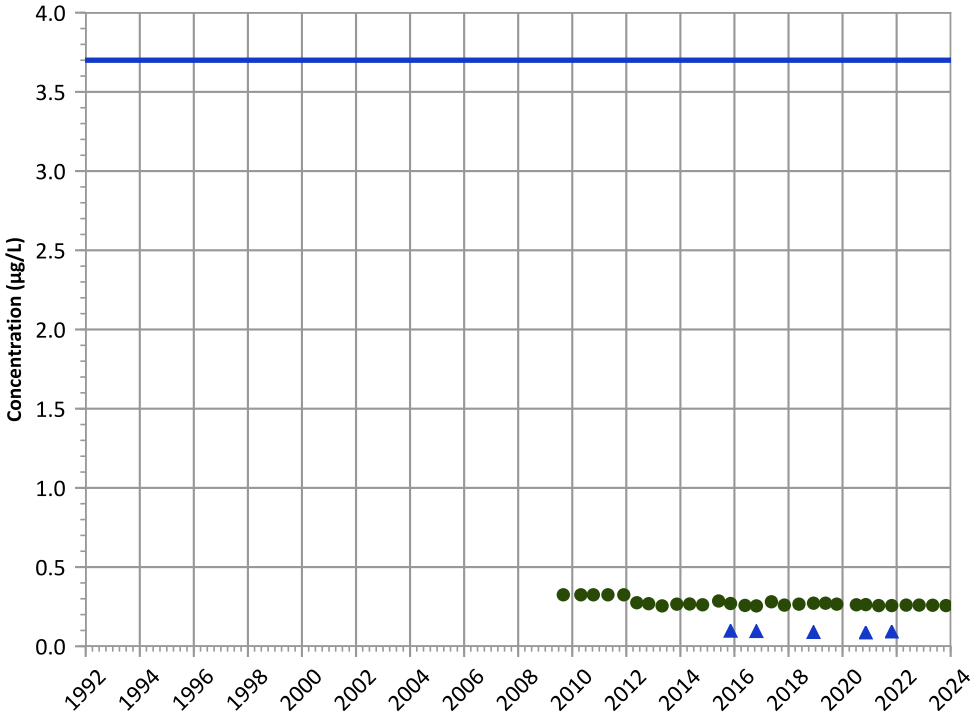
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

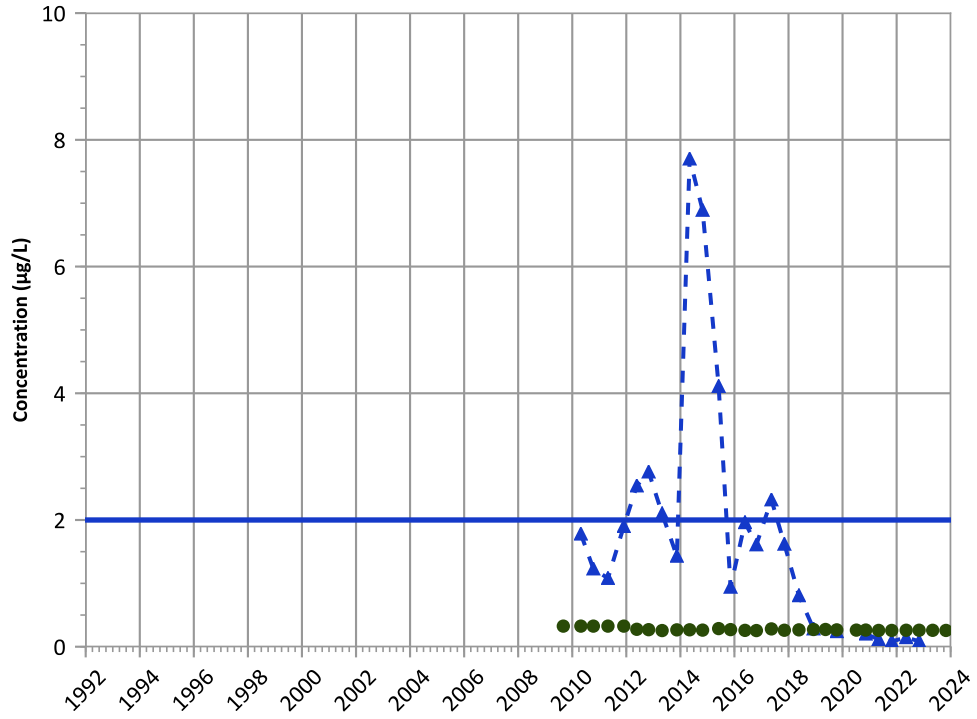


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

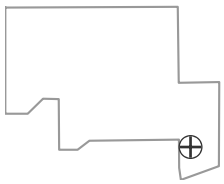
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

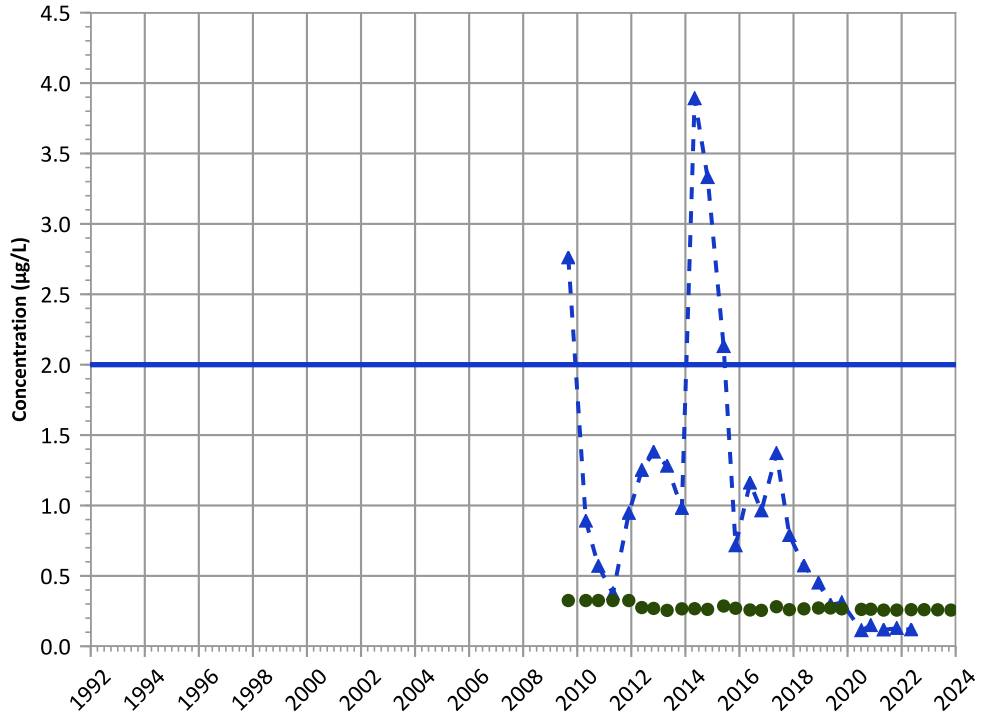
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

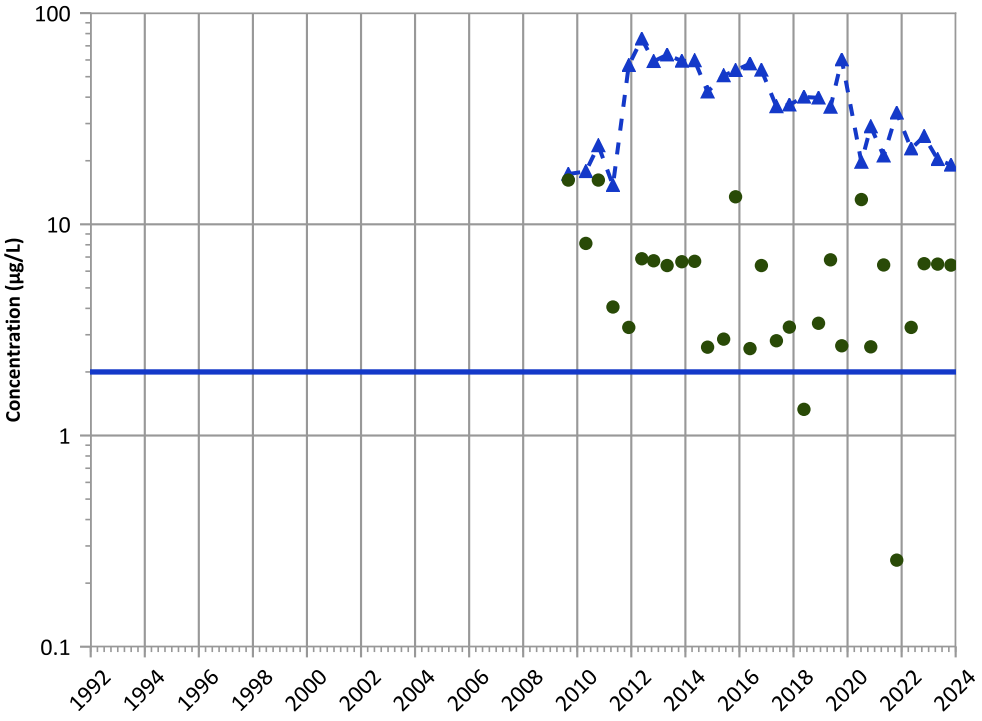


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

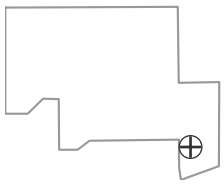
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

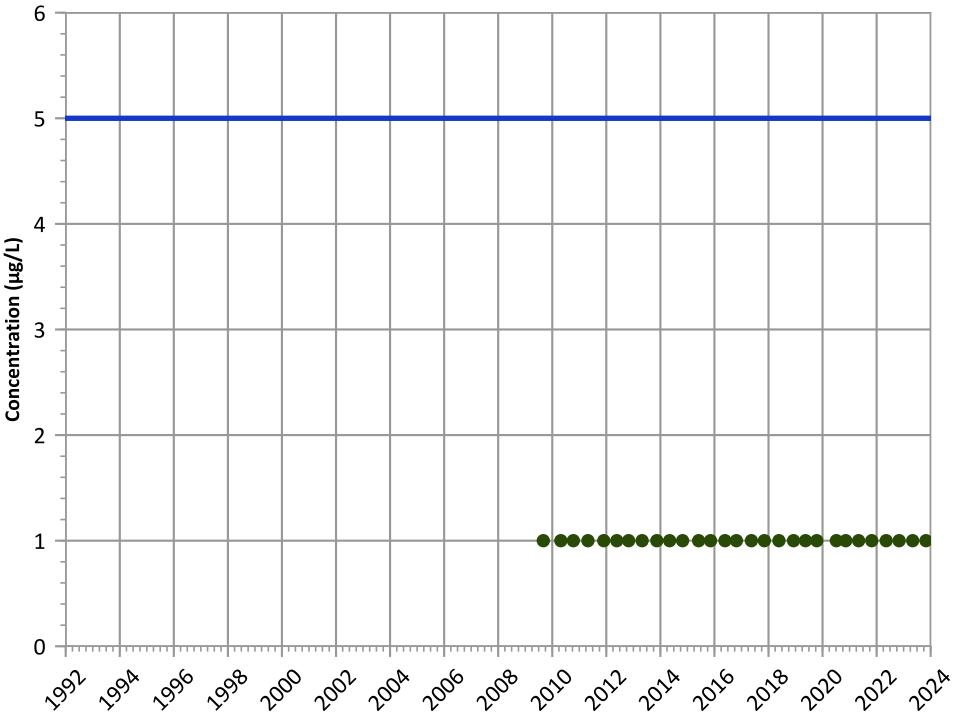
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

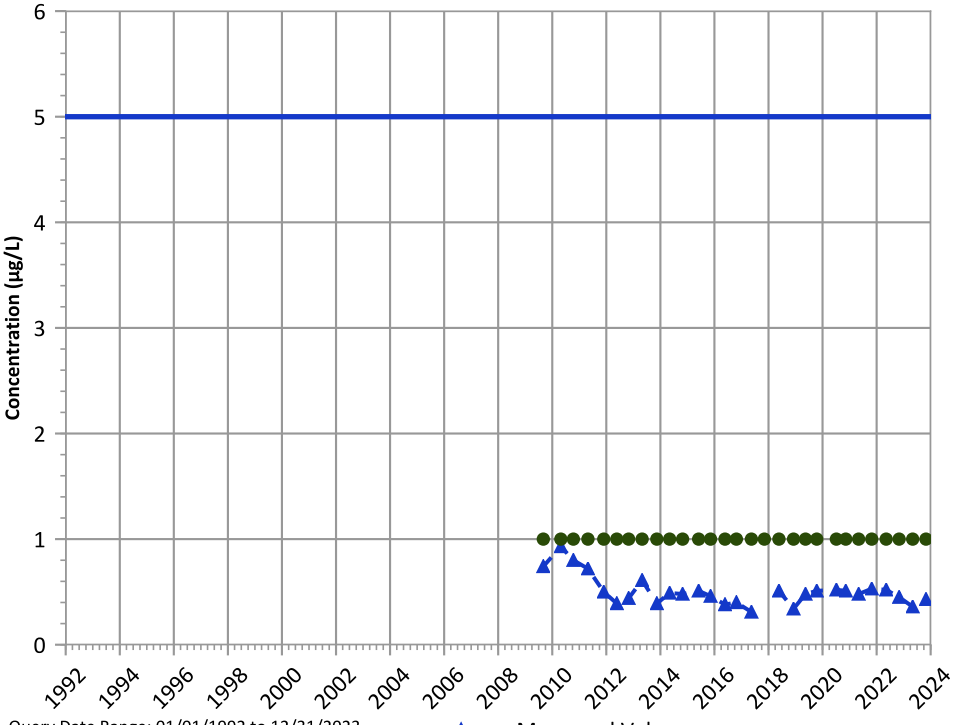


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

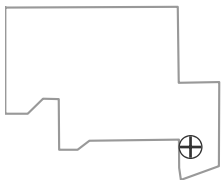
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

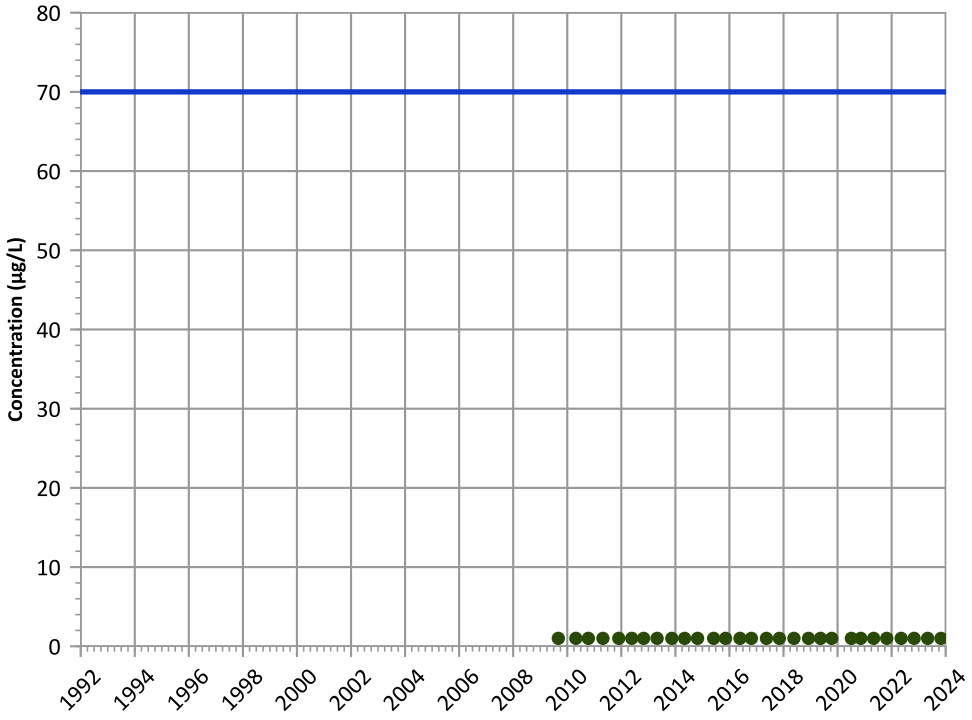
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

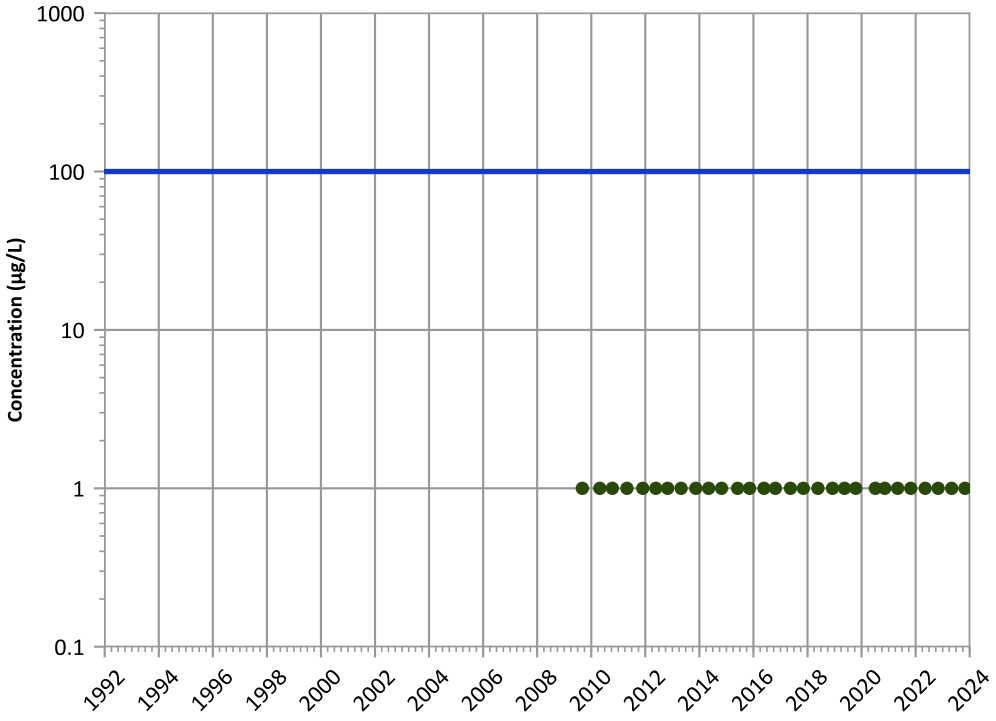


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

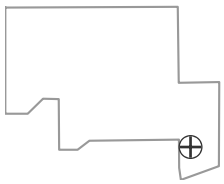
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

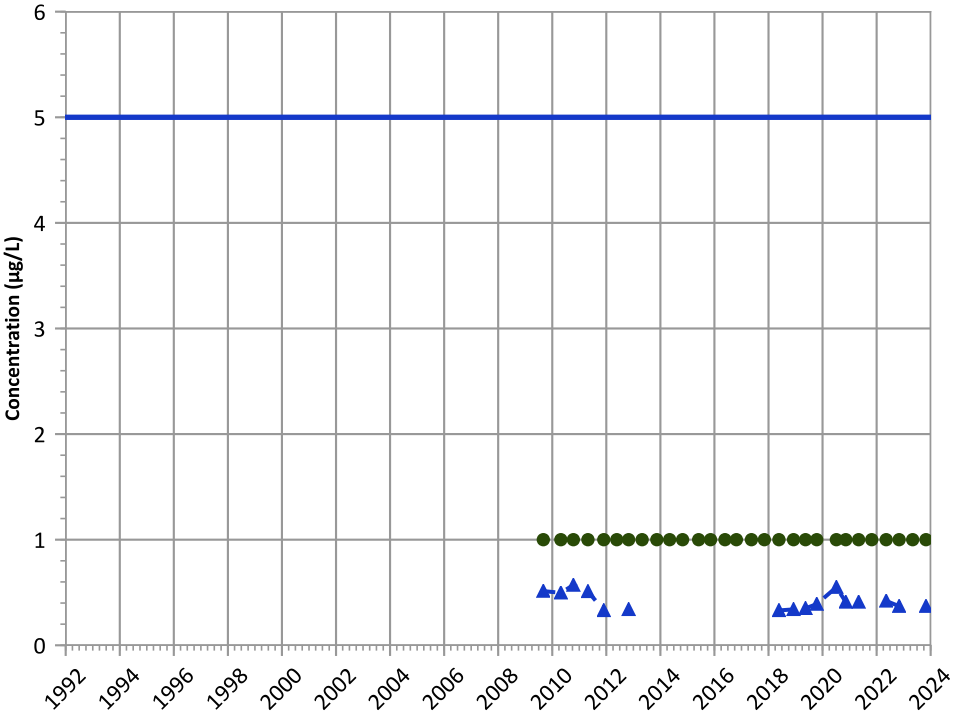
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

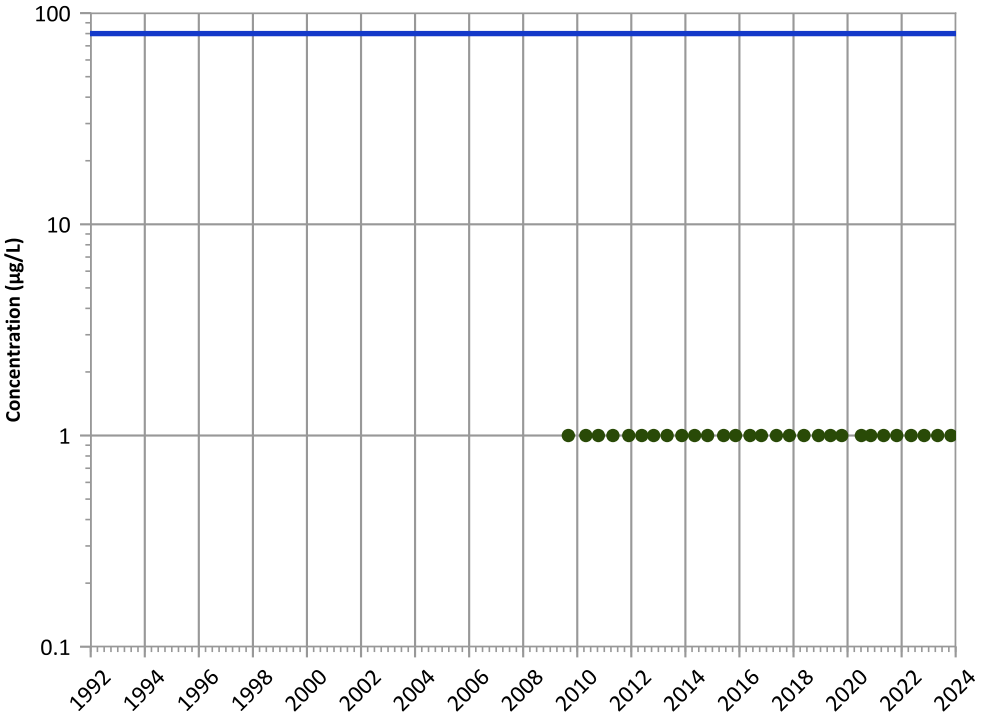


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Chloroform Trend



Concentration Trend

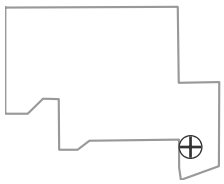
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

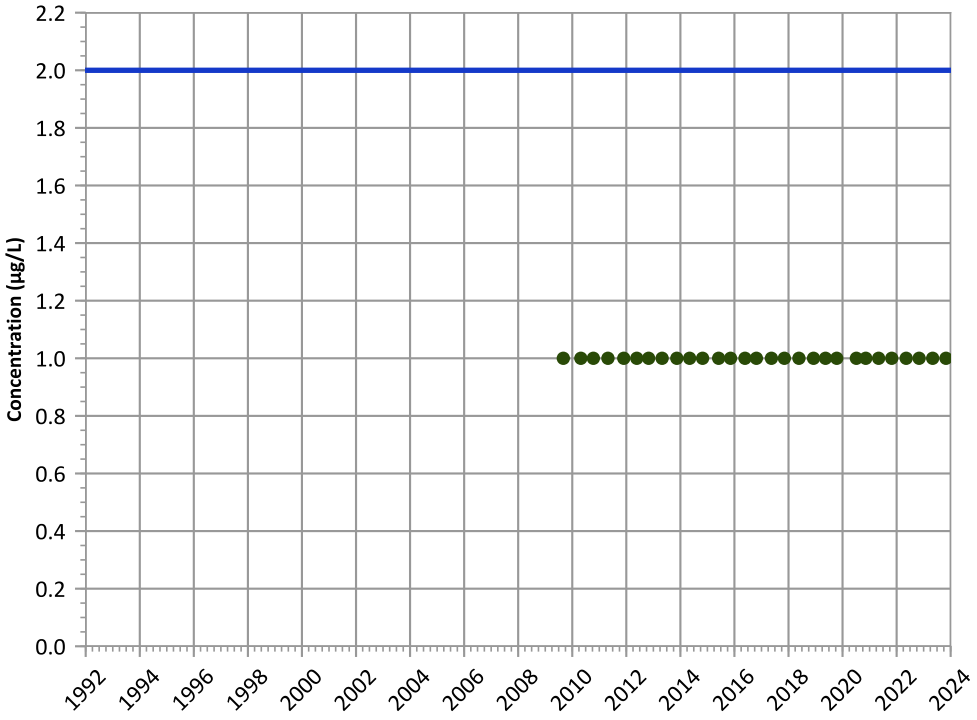
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

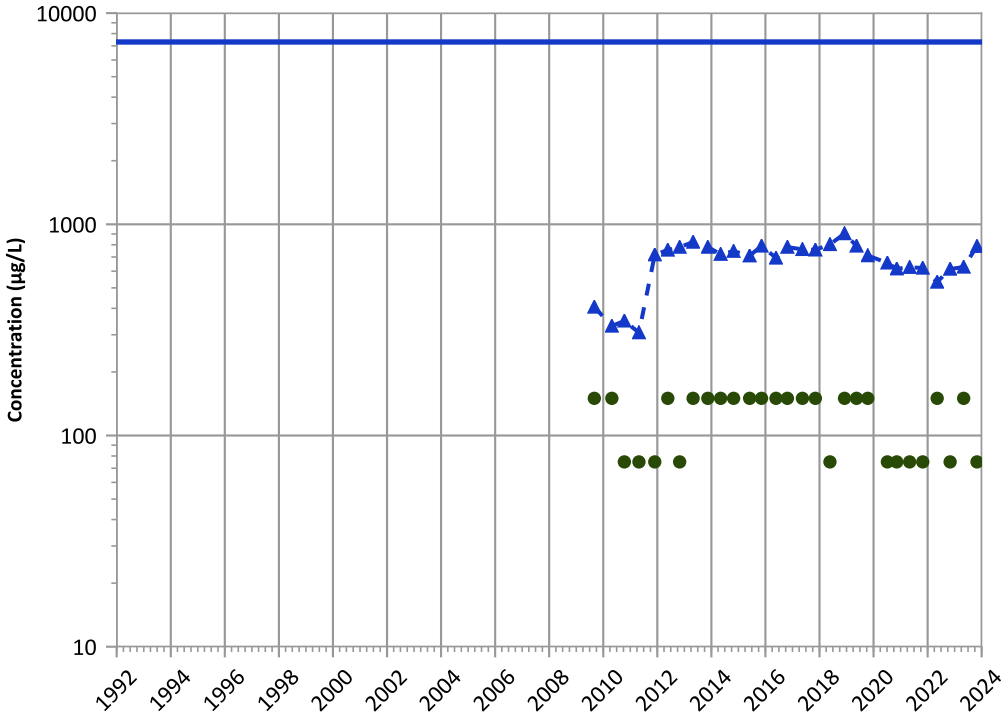


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

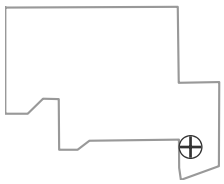
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

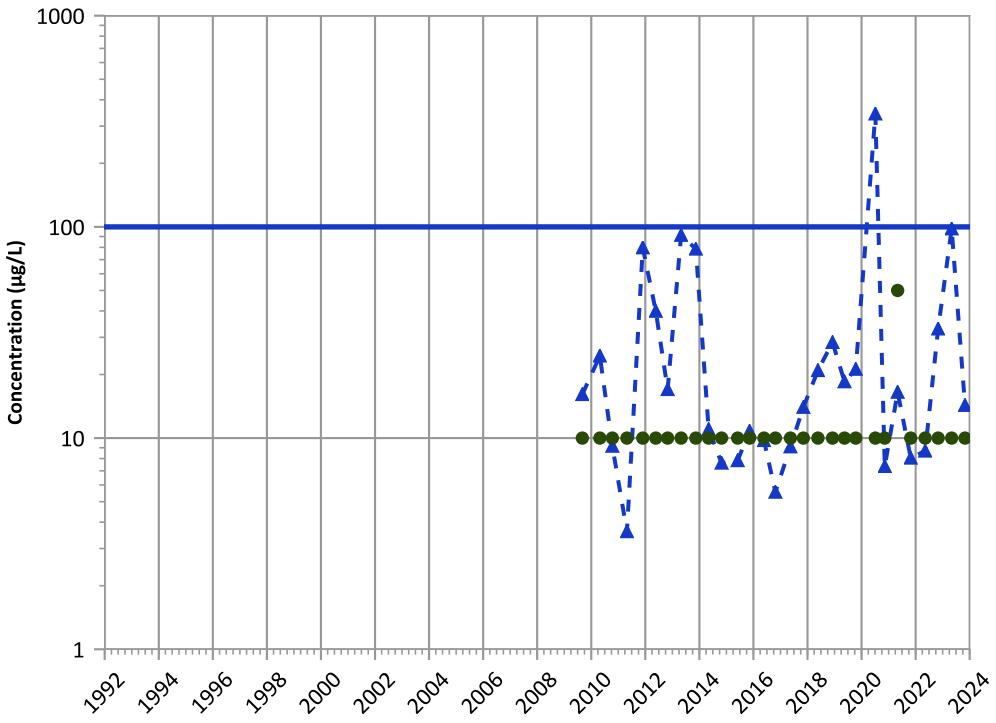
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

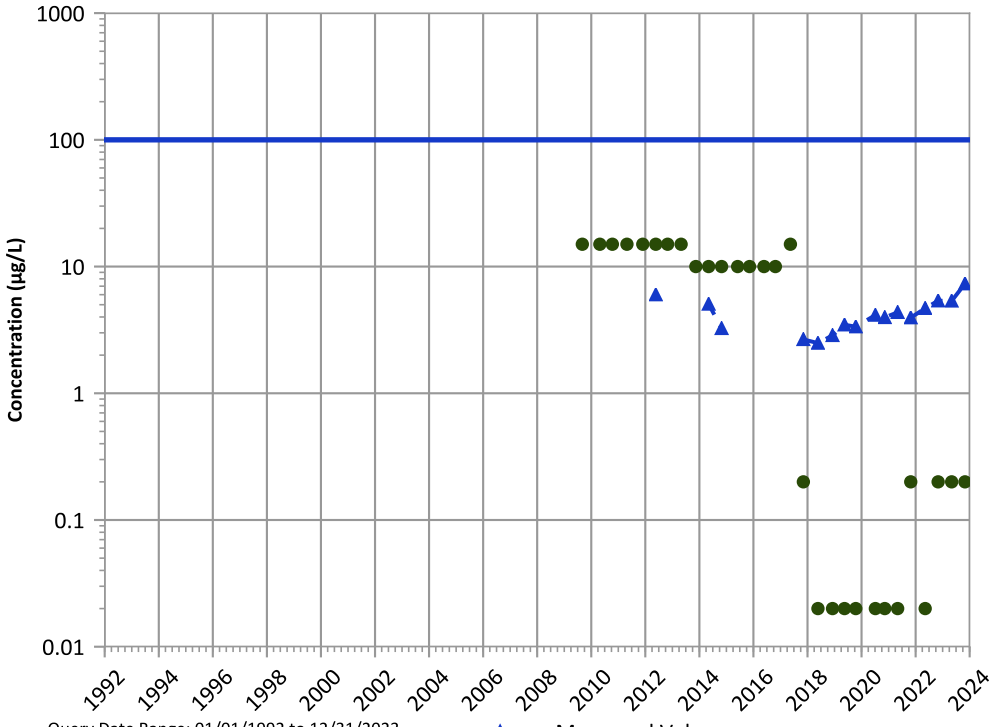


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

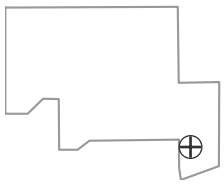
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

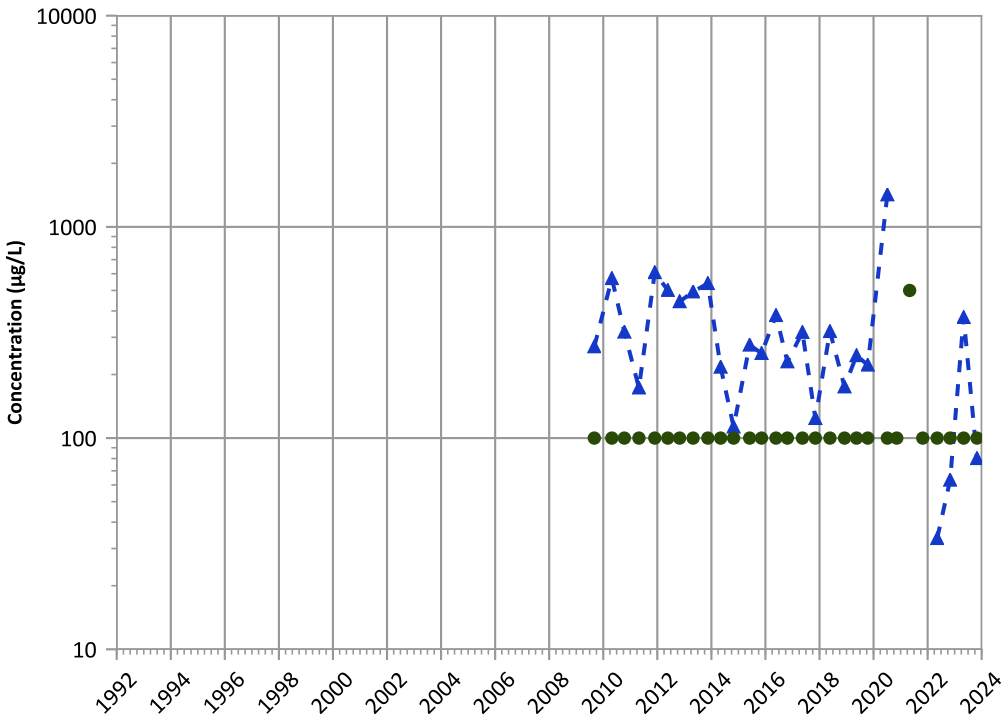
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

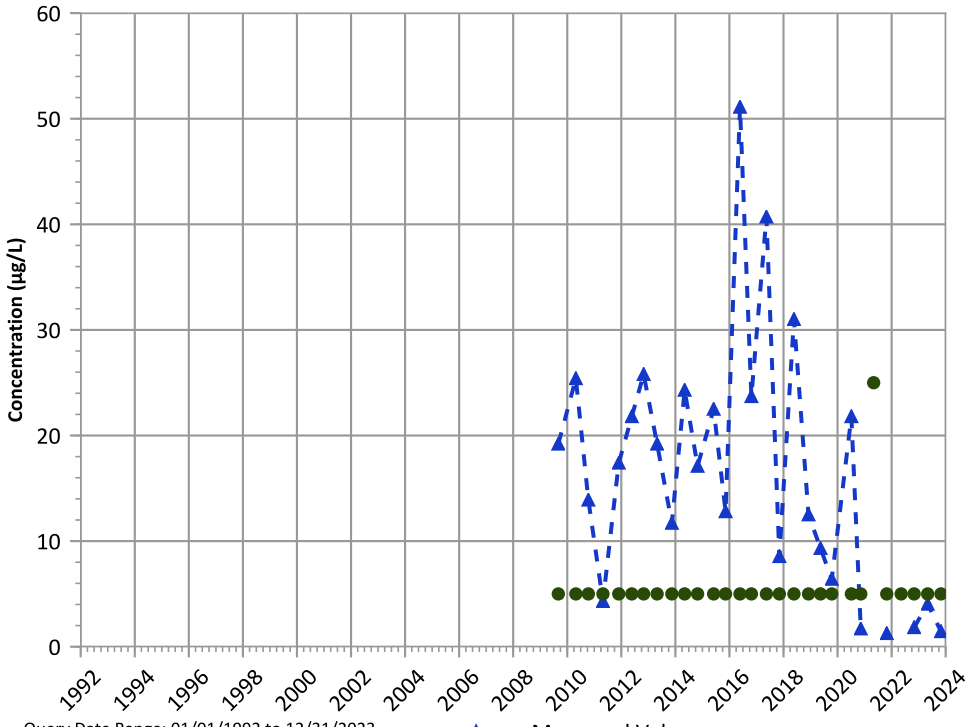


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

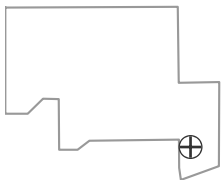
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

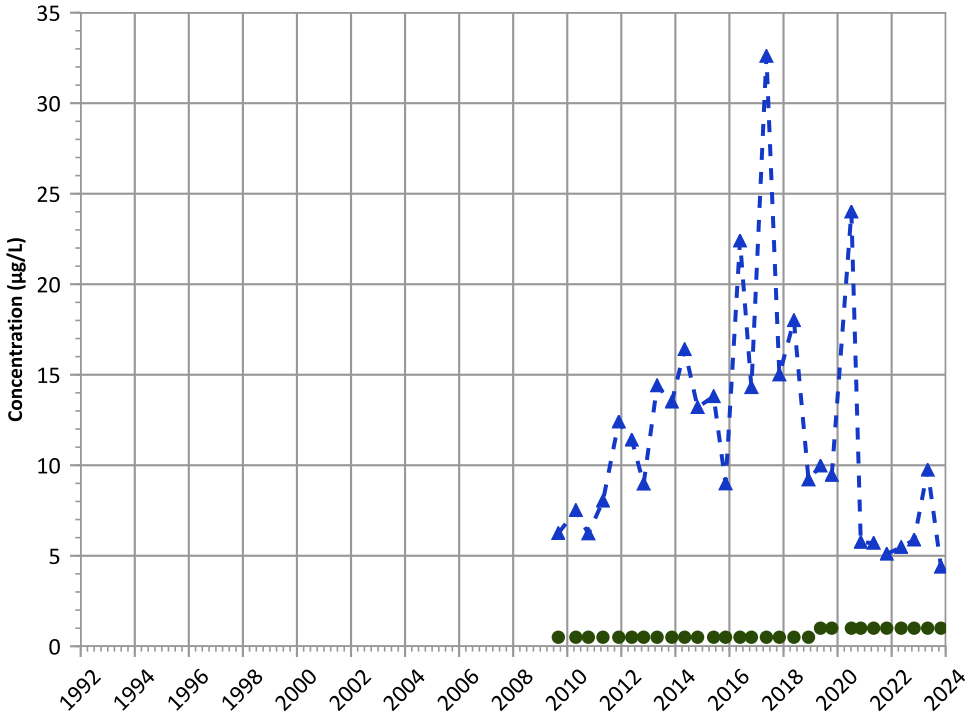
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

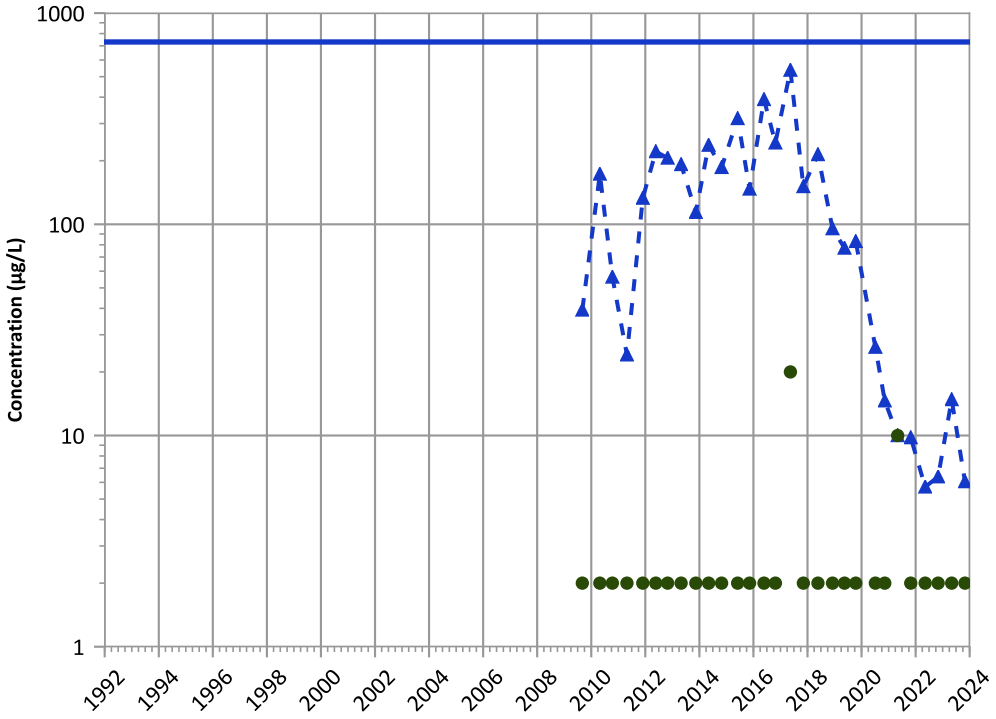


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

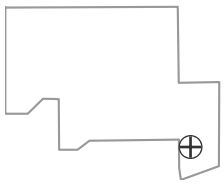
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

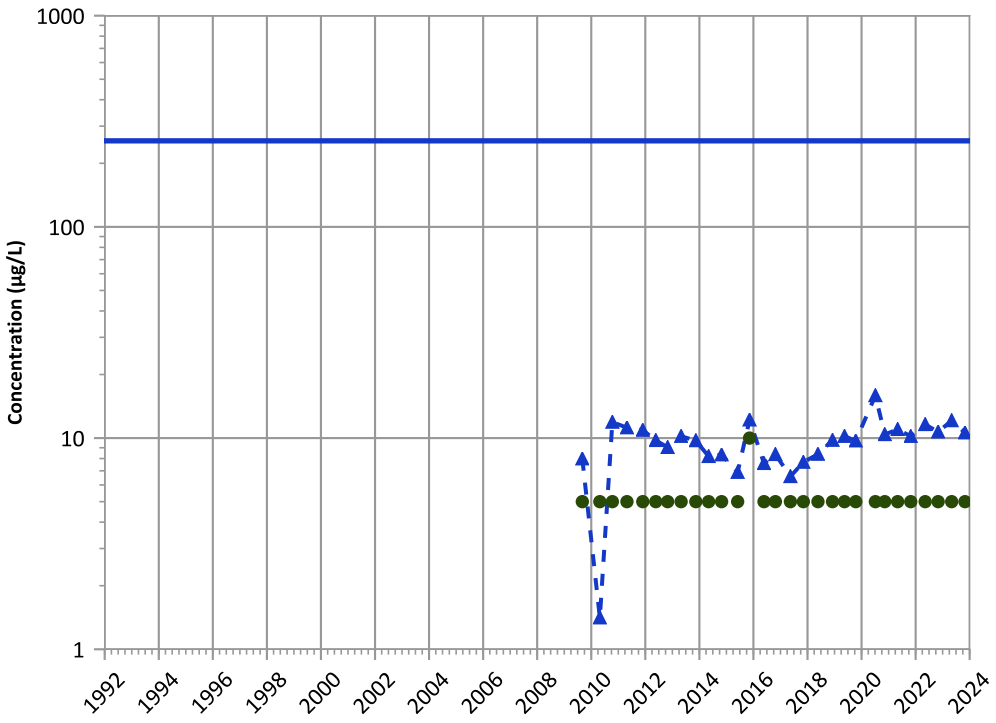
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

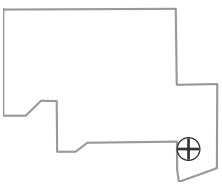
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

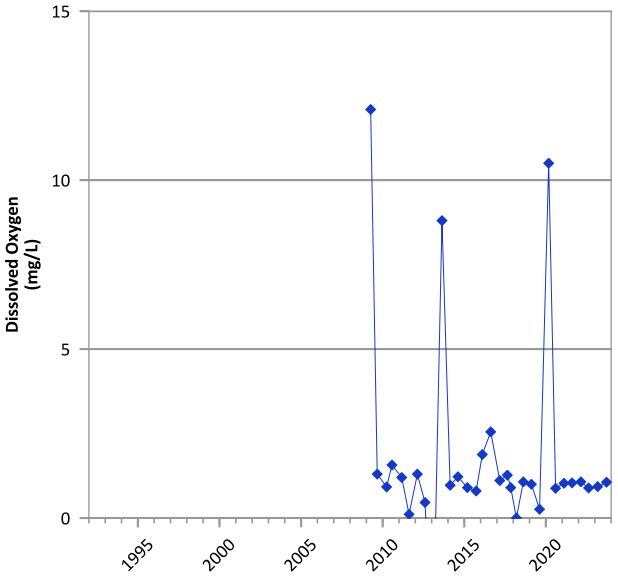
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/02/2009 to 10/30/2023
Analysis Date: 04/01/2024

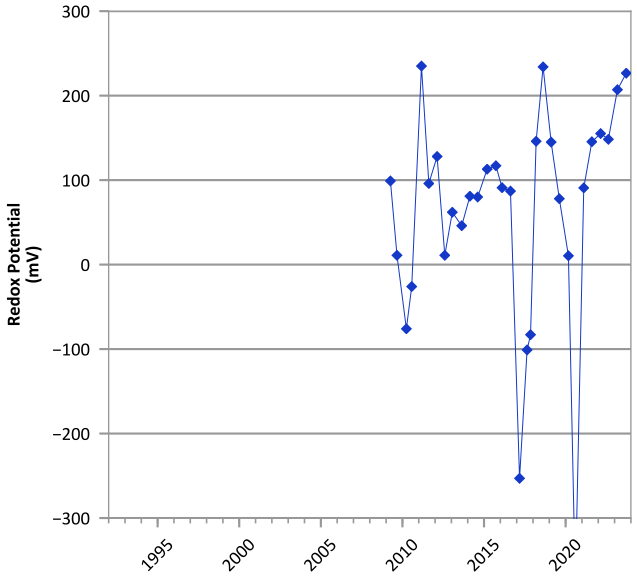
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

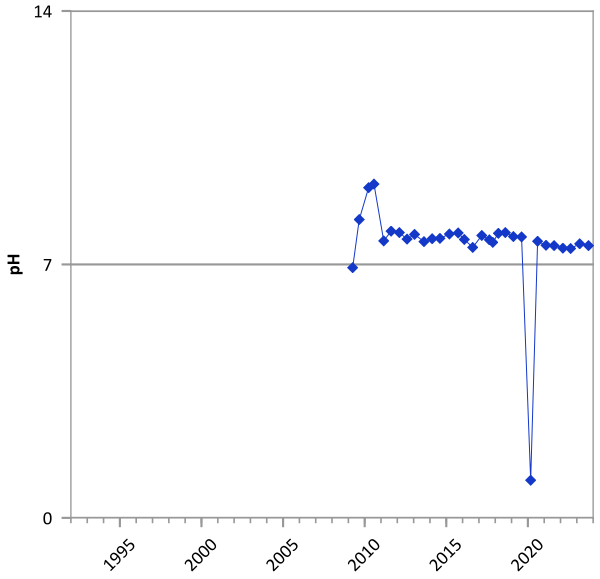
Well Location

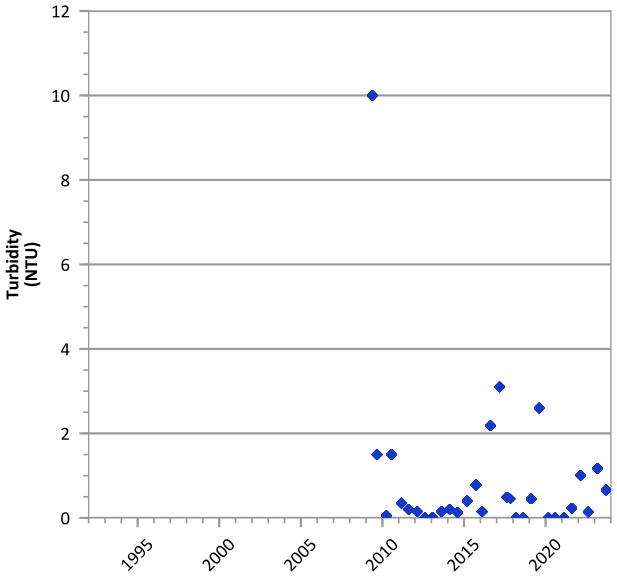


PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

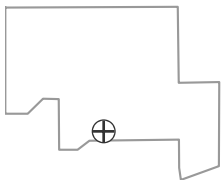






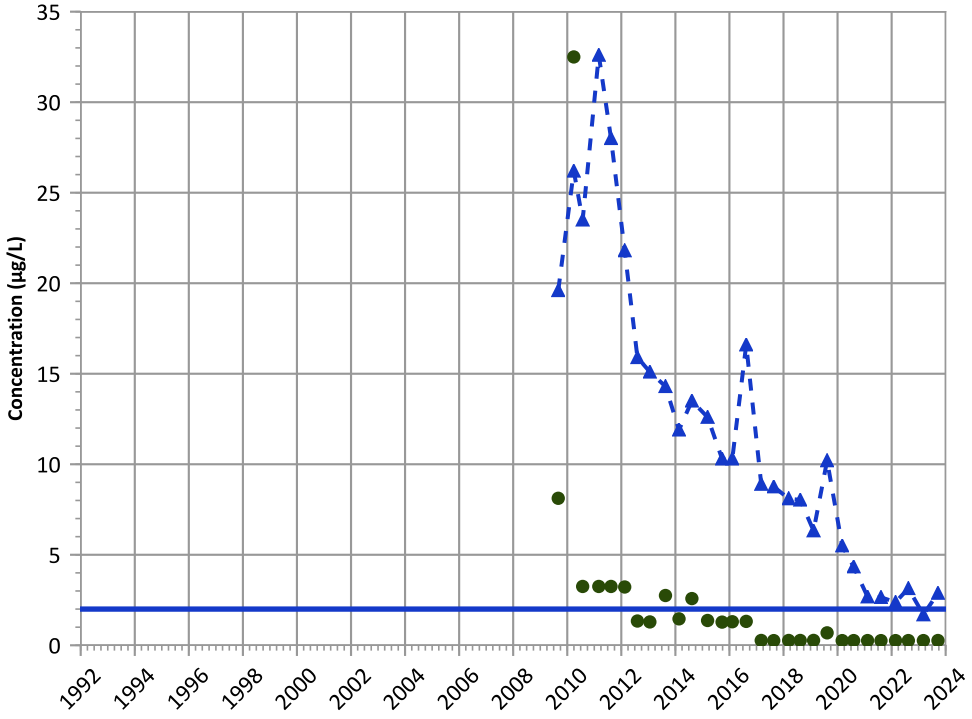


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

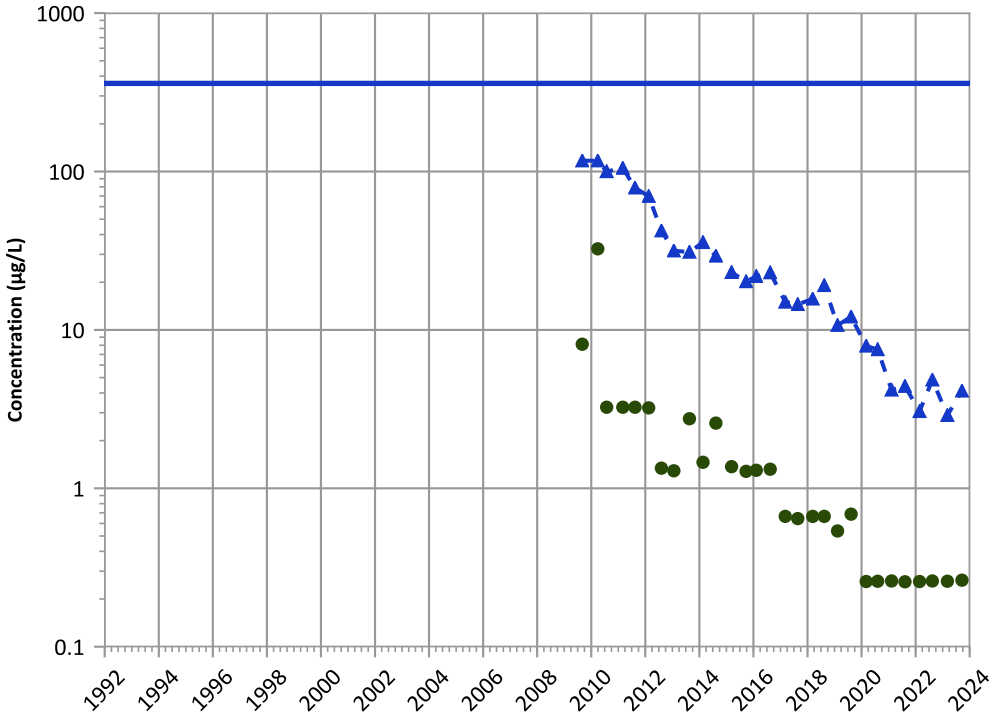


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

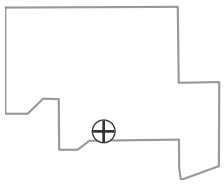
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

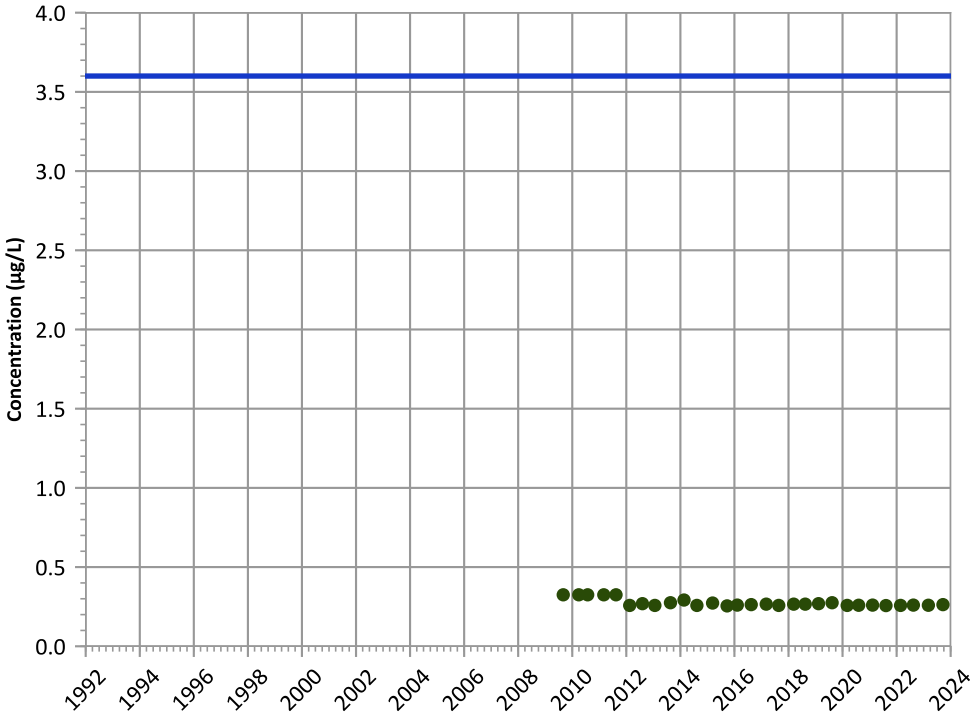
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

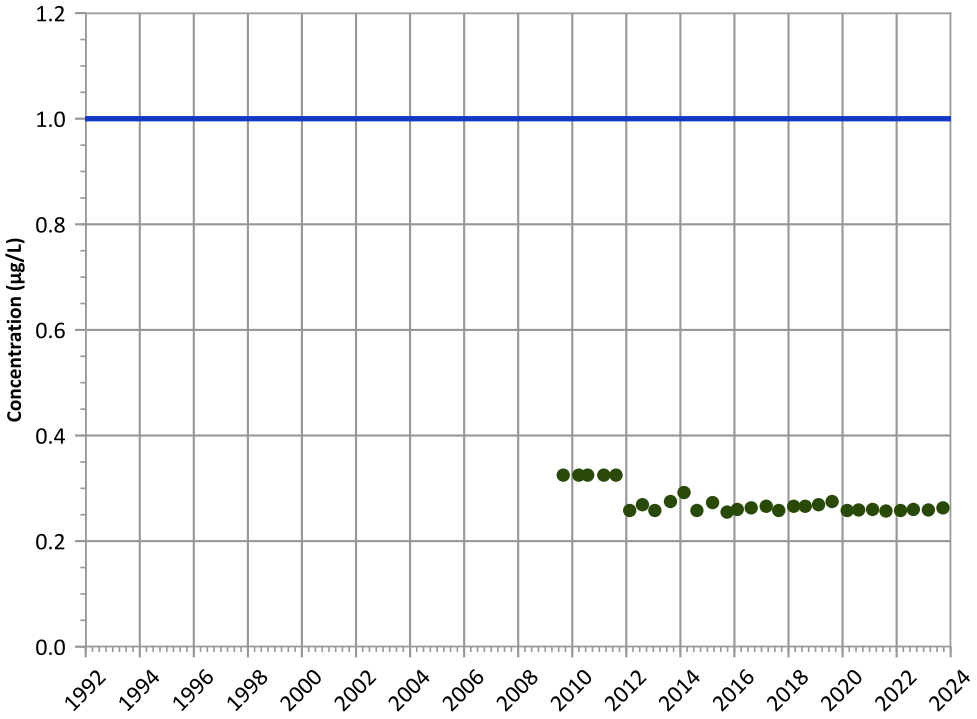


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

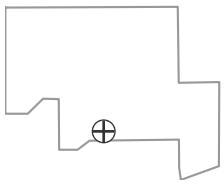
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

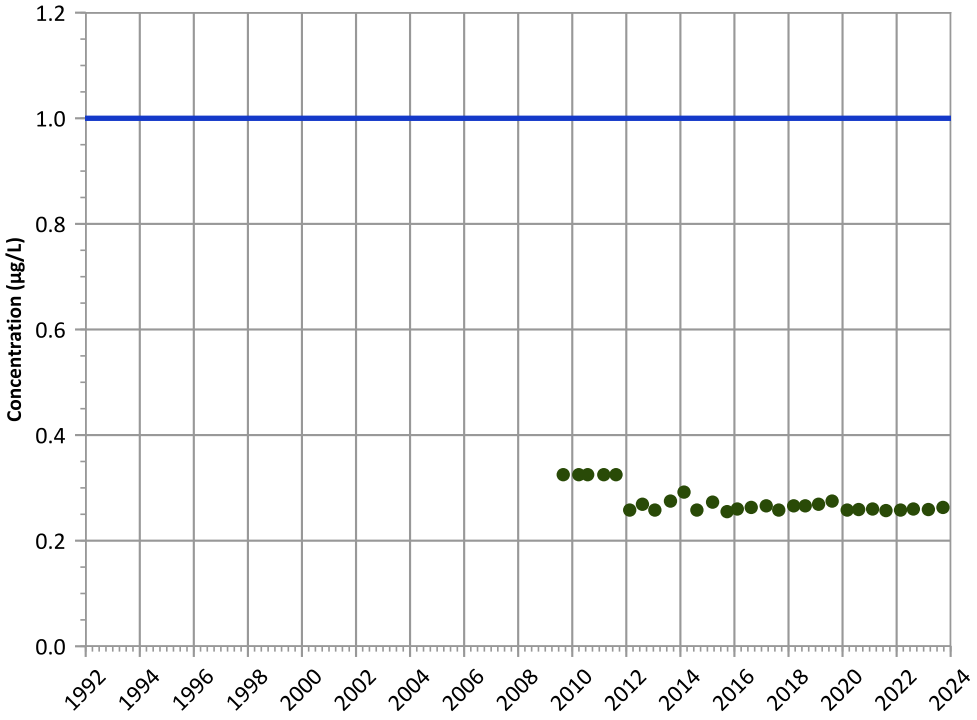
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

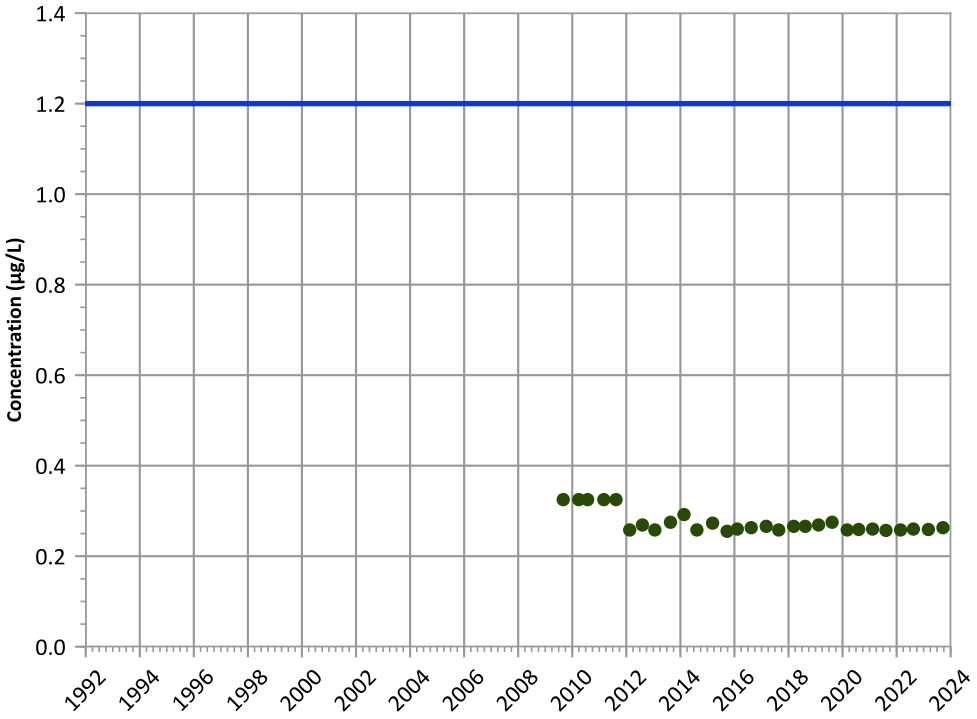
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



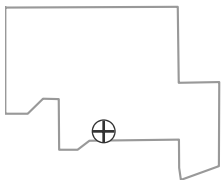
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

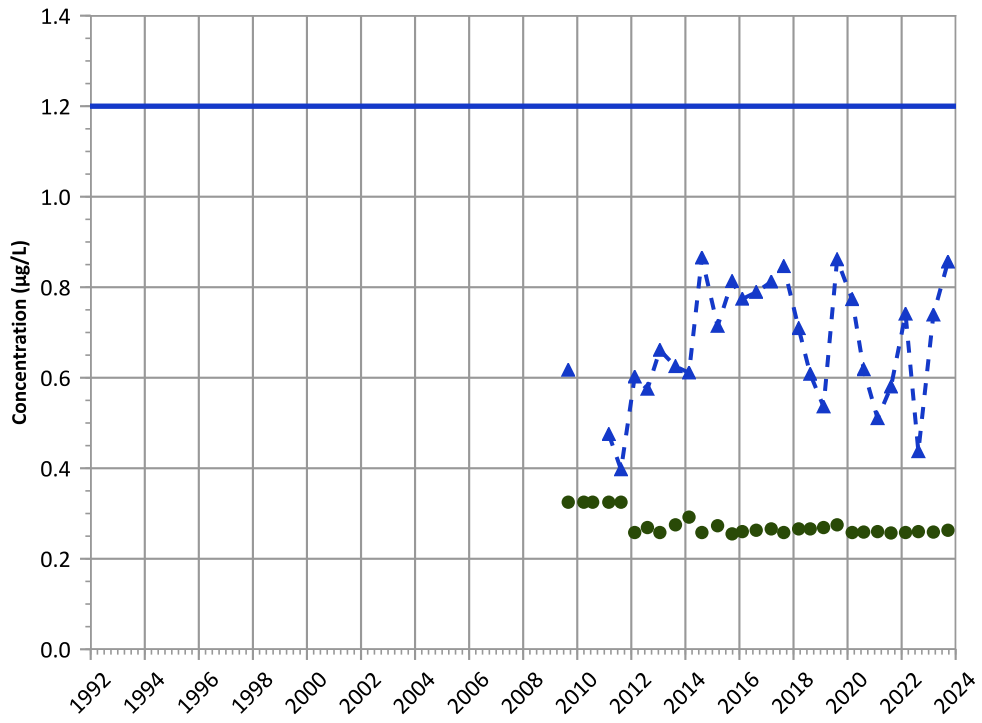
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

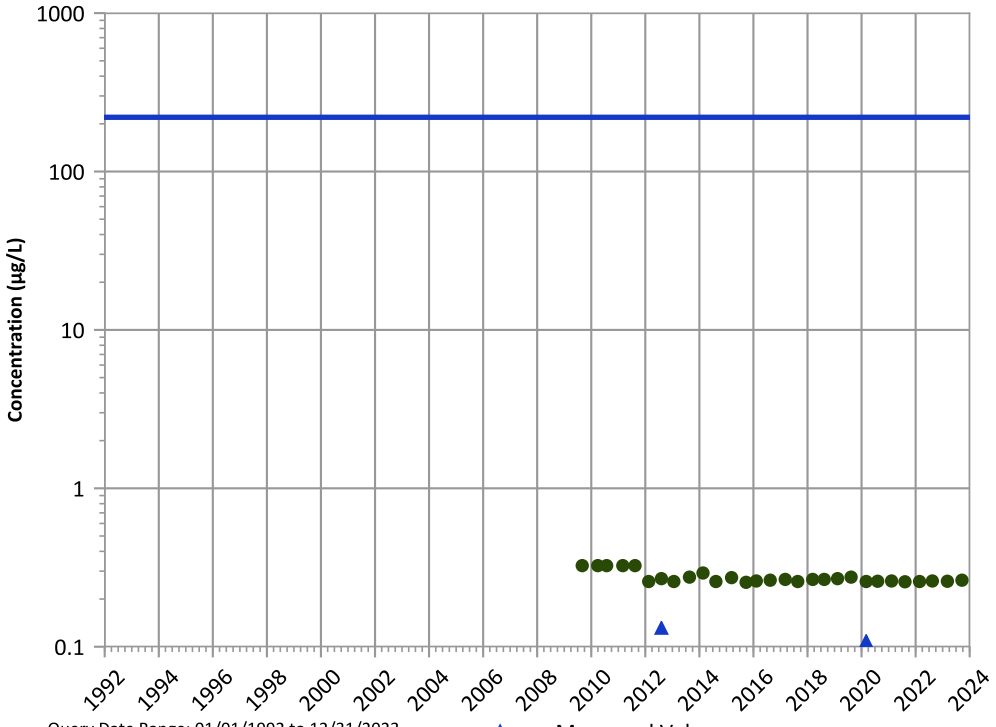


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

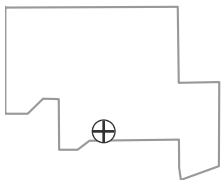
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

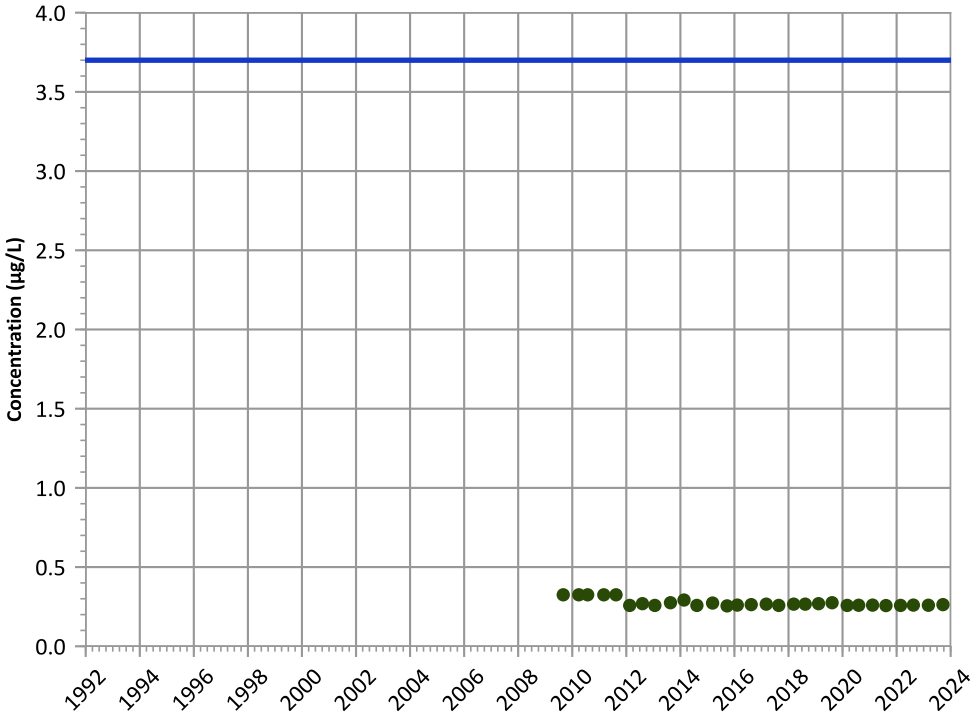
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

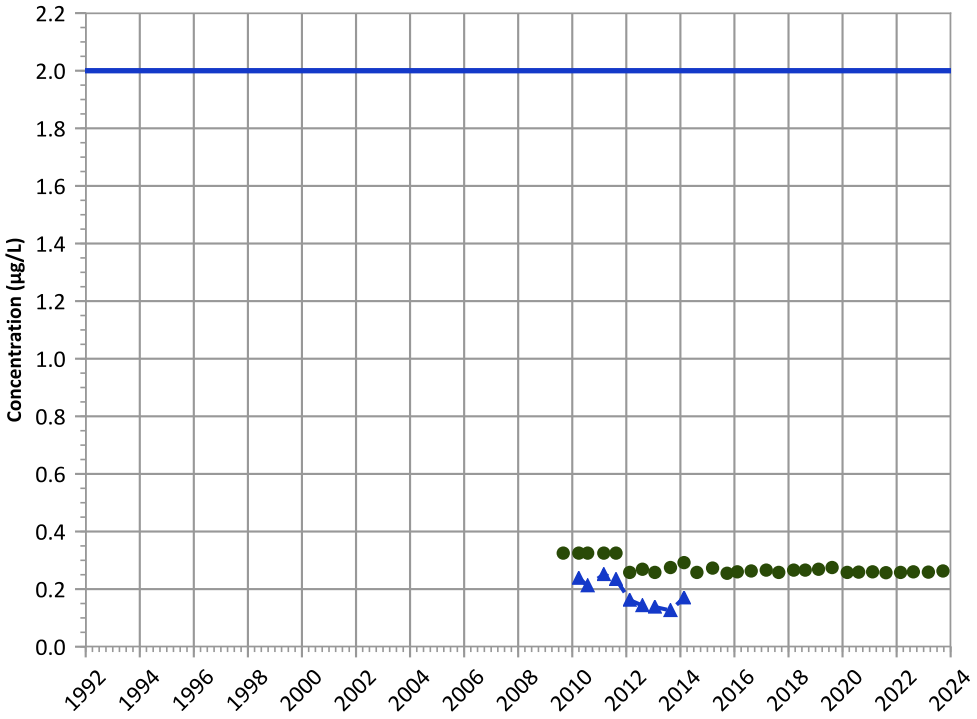


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

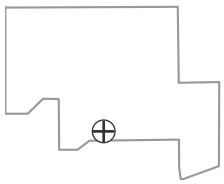
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

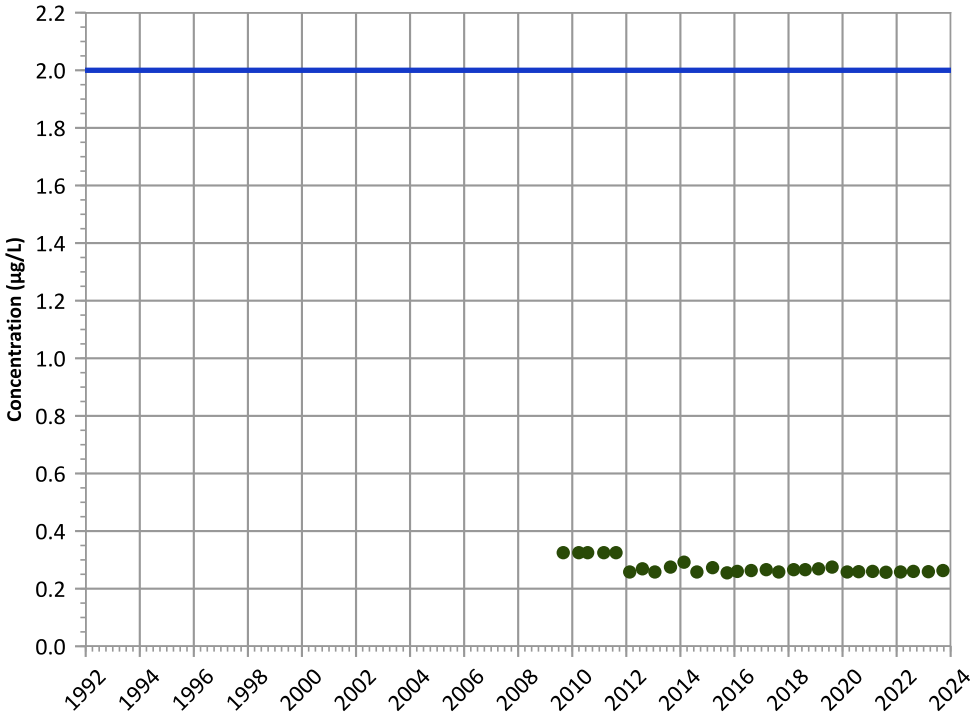
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

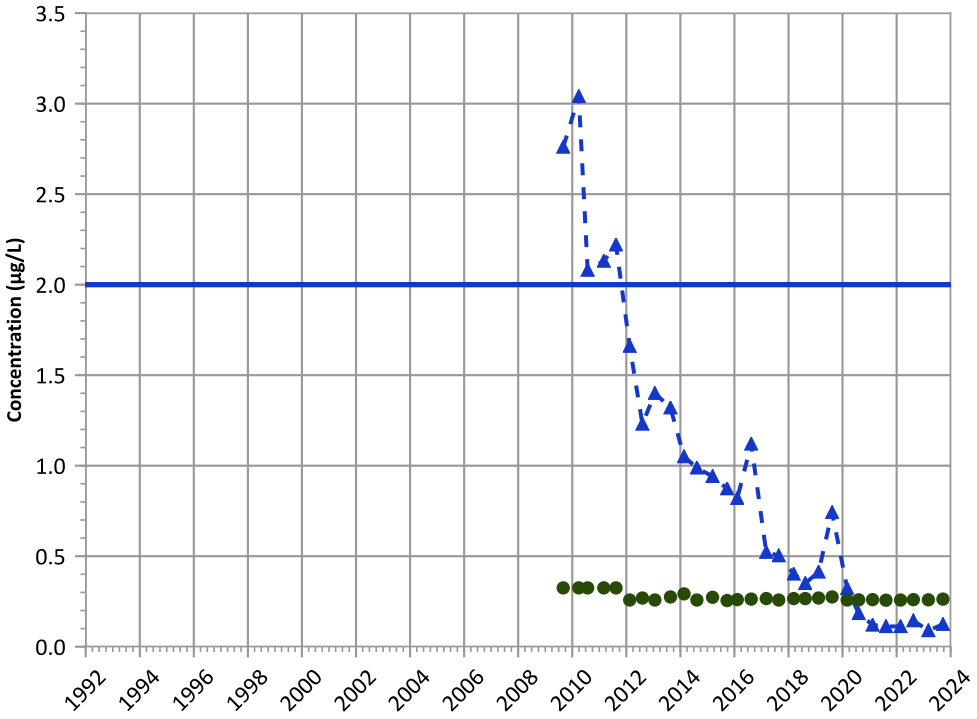


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

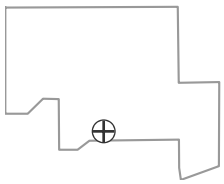
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

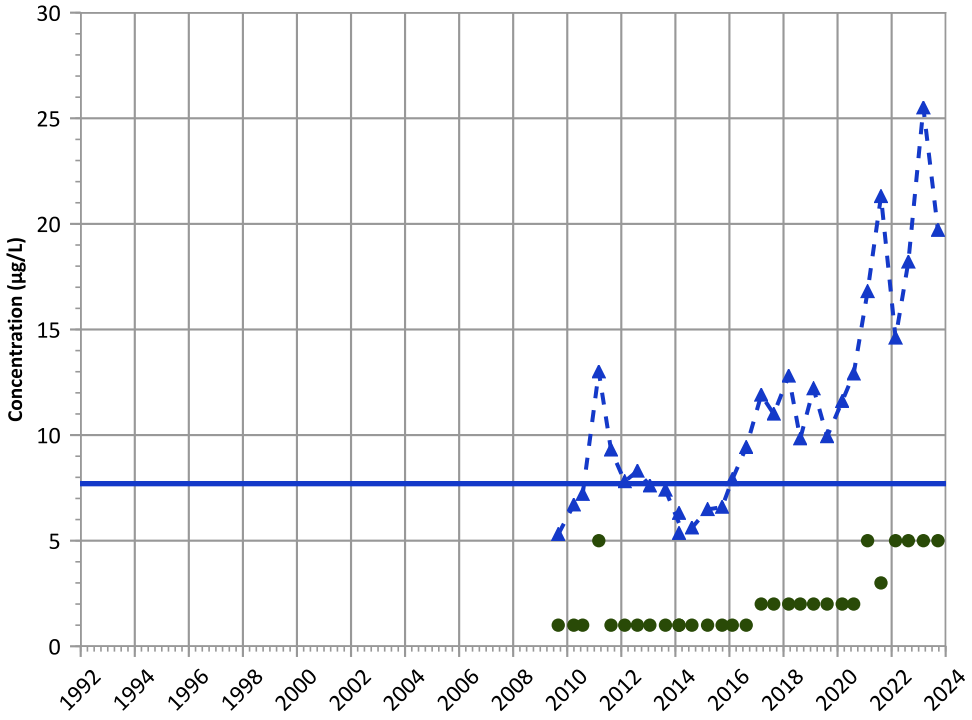
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

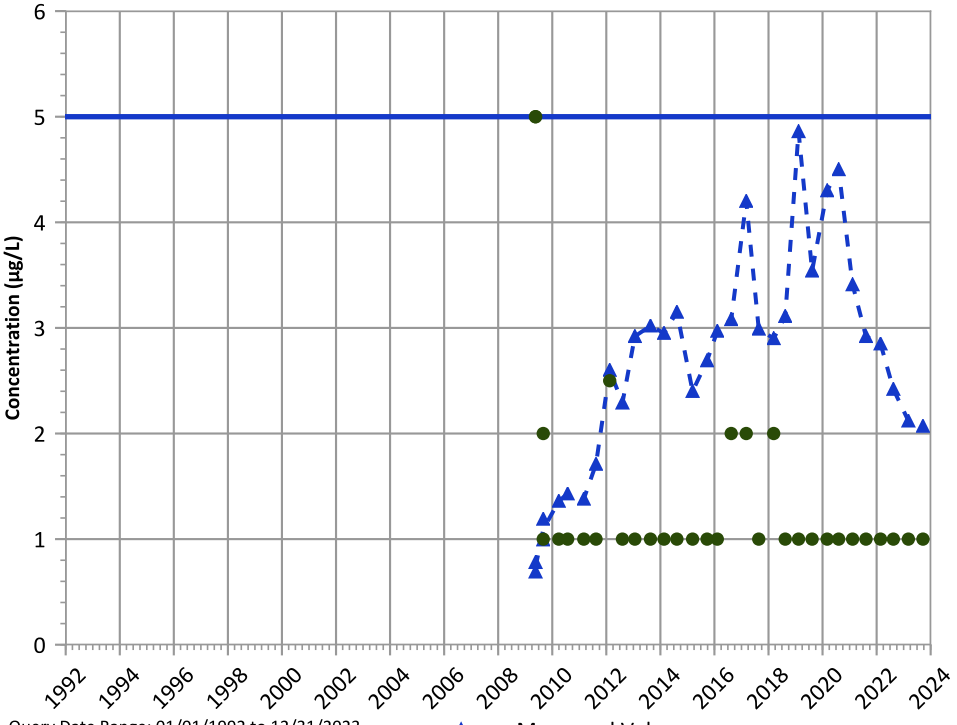


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

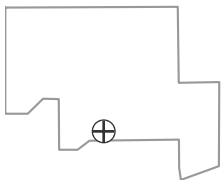
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

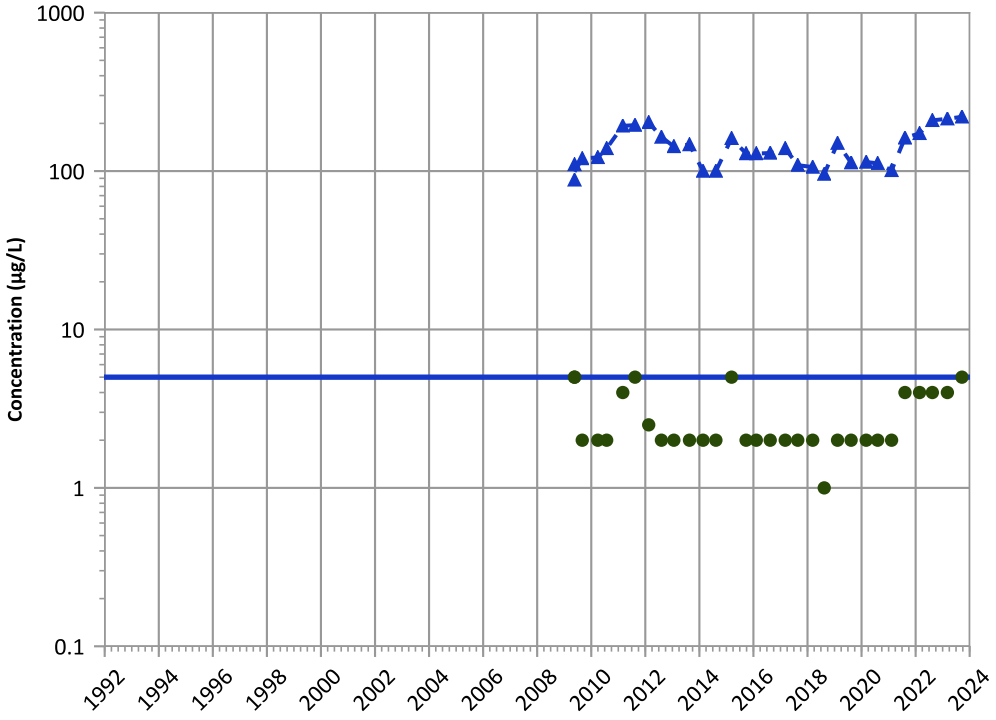
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

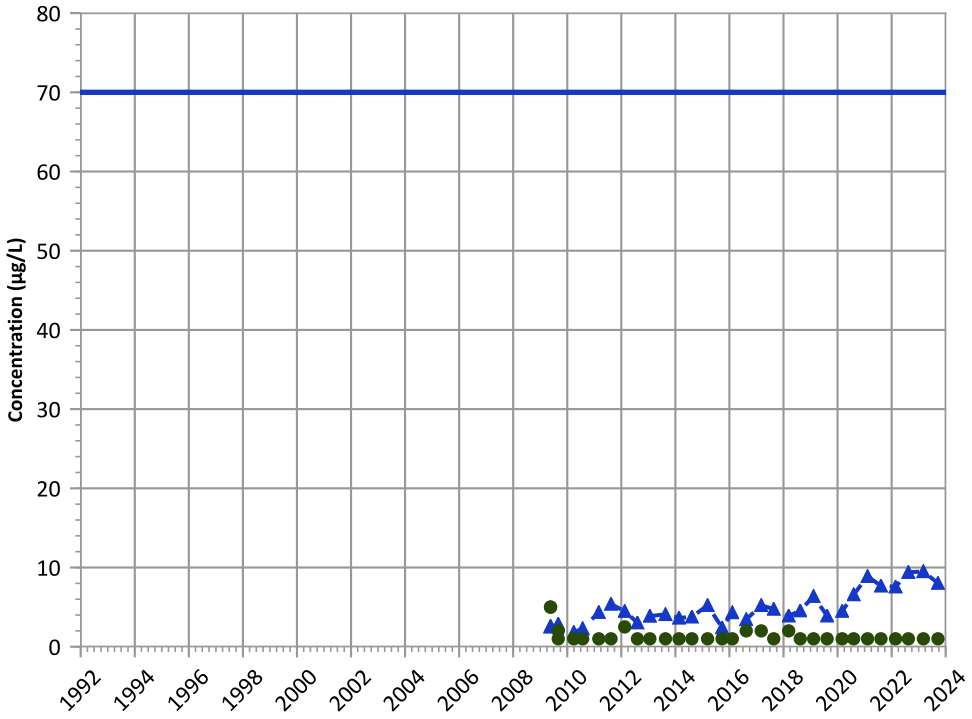


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

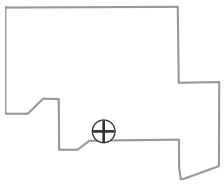
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

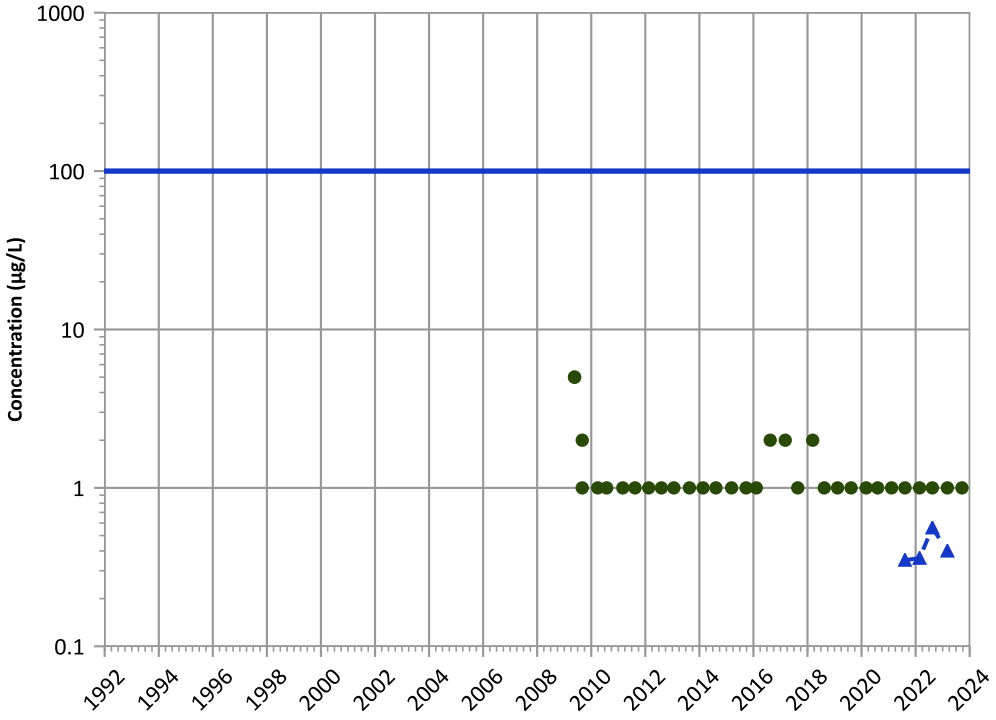
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

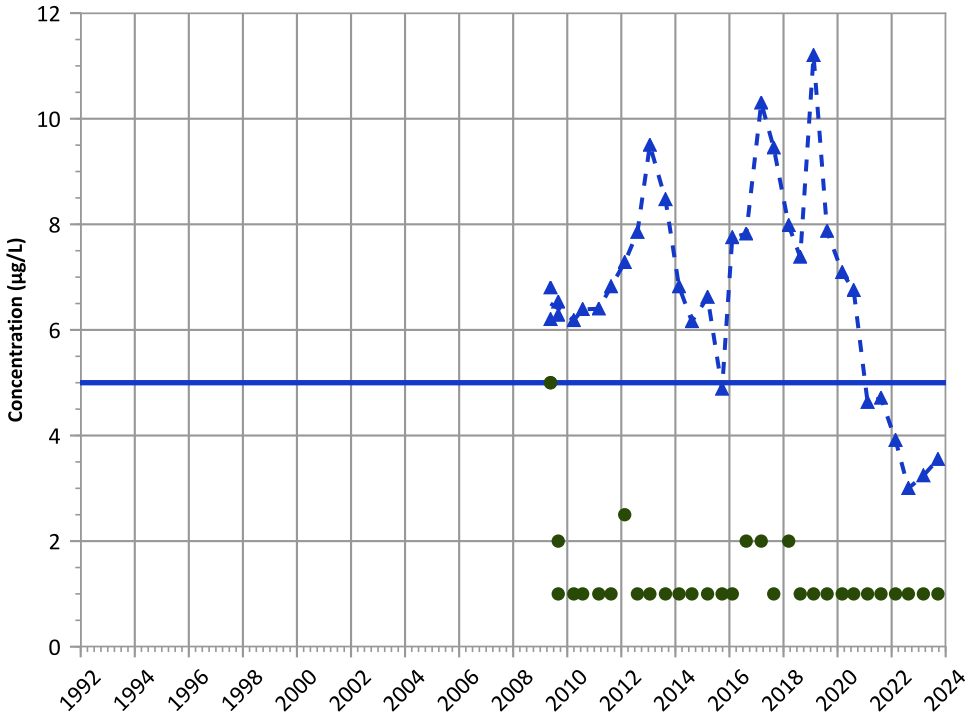


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

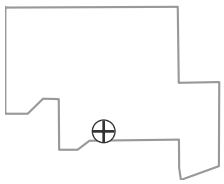
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

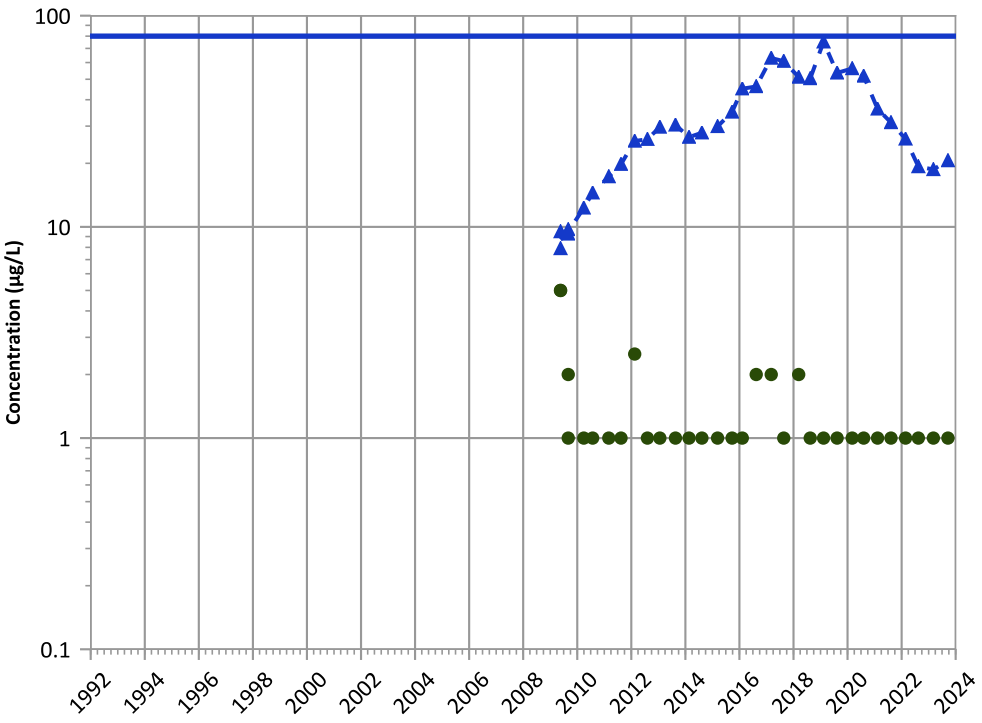
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

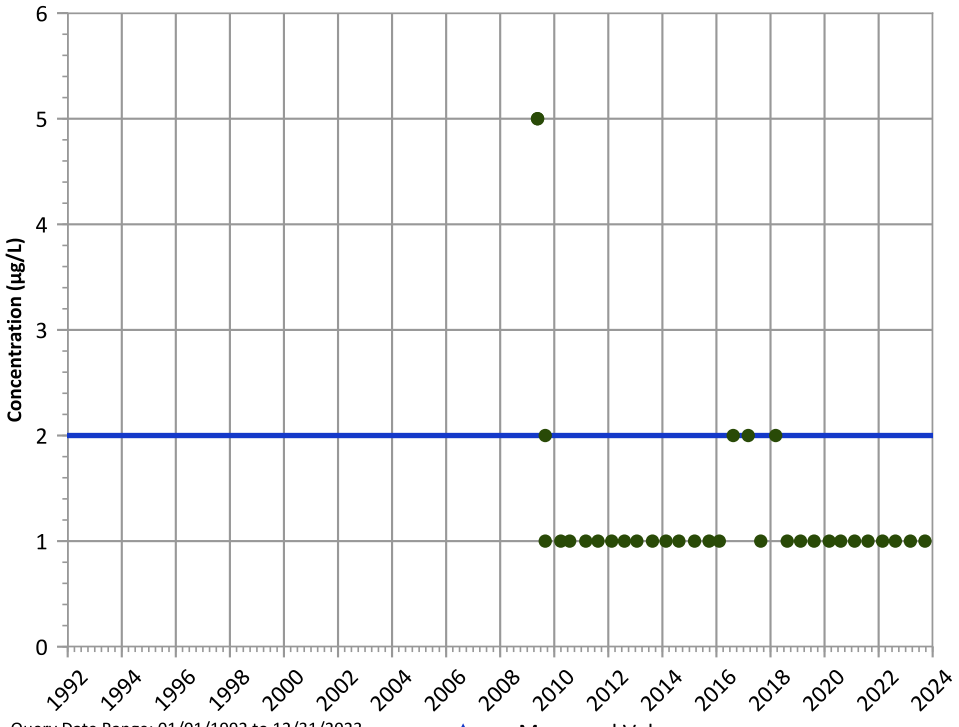


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

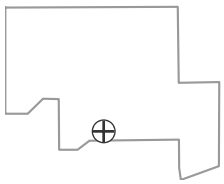
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

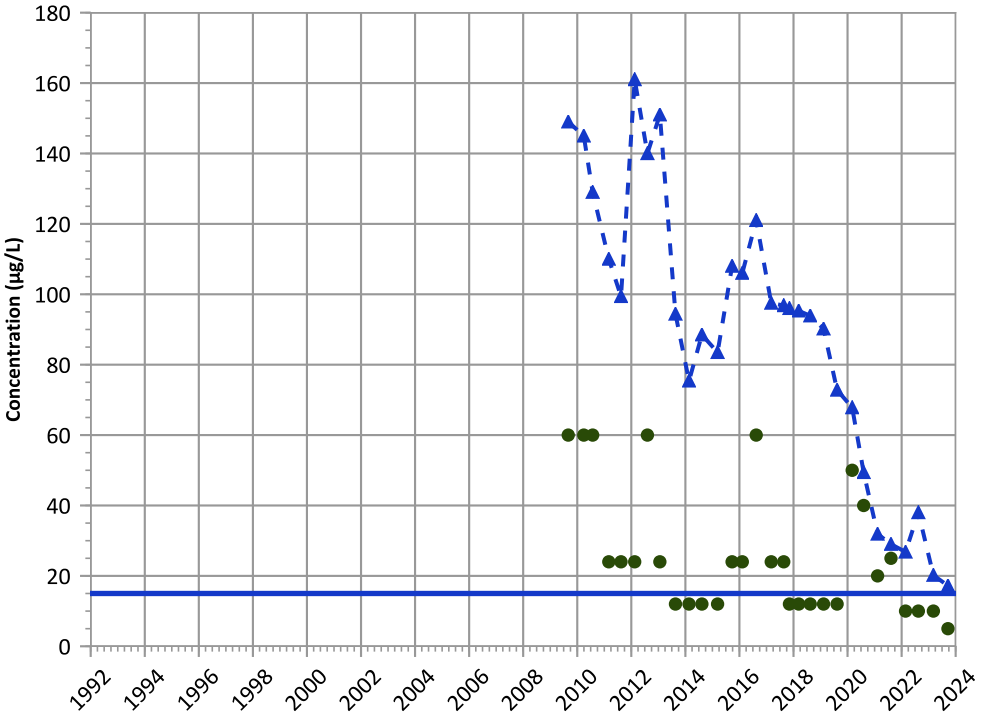
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

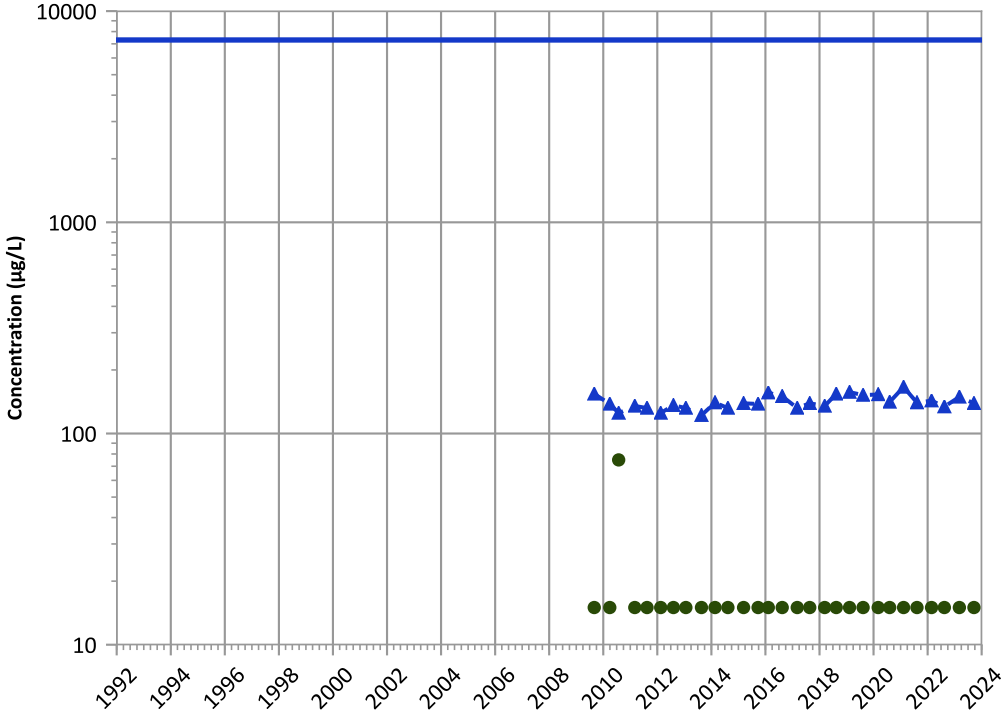


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

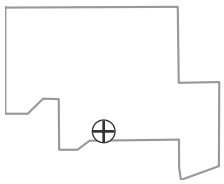
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

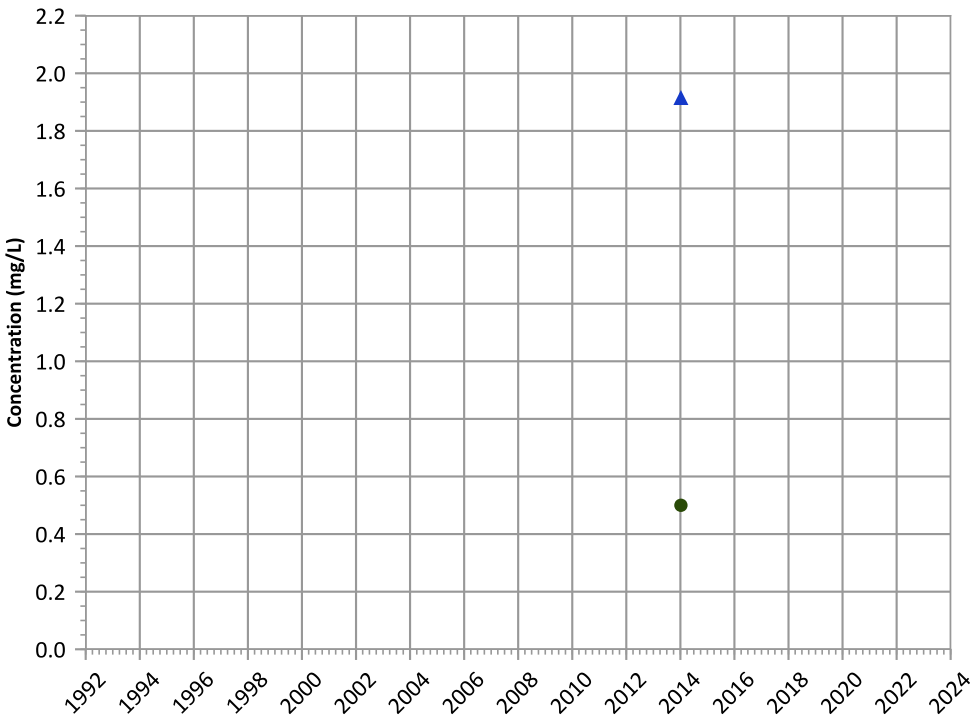
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

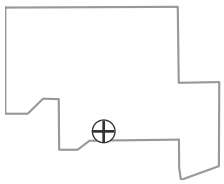
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

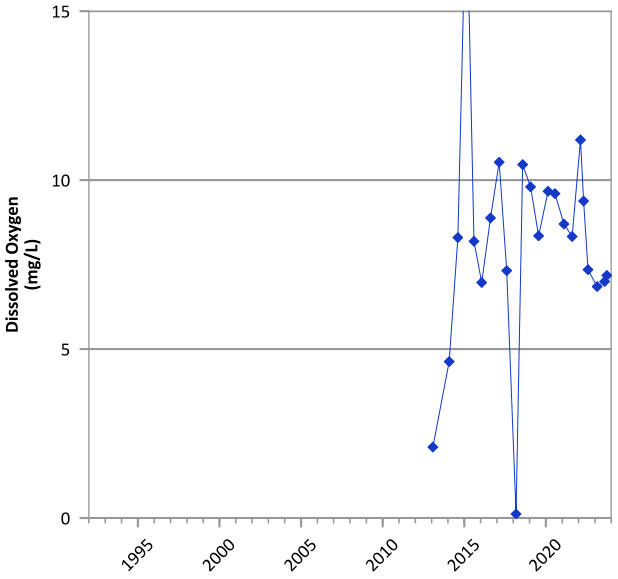
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/20/2009 to 09/19/2023
Analysis Date: 04/01/2024

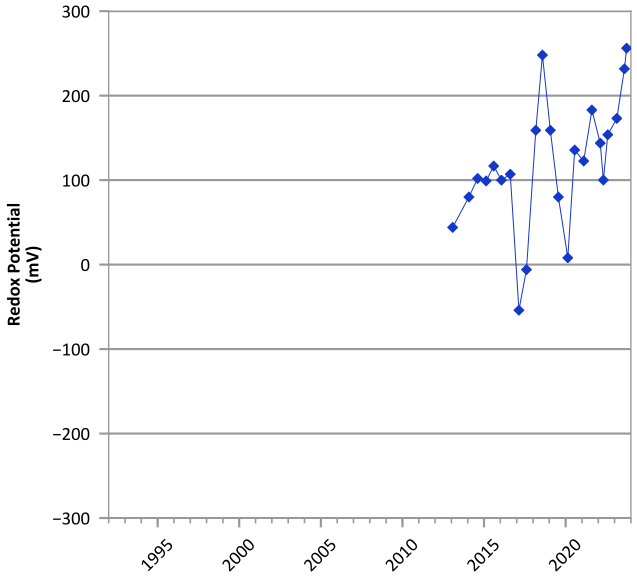
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

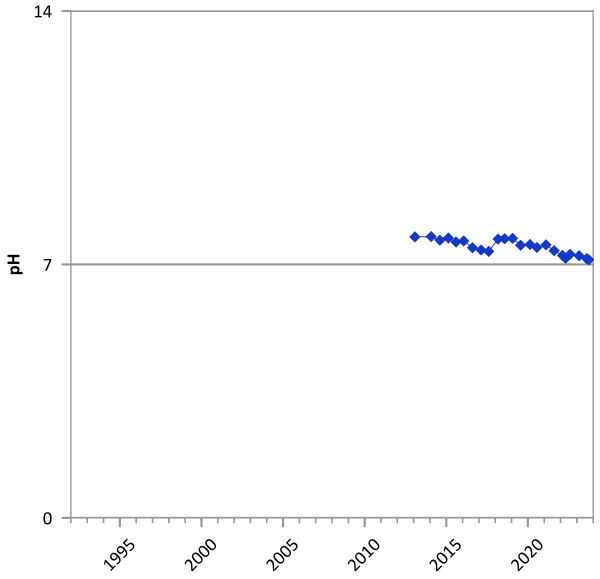
Well Location

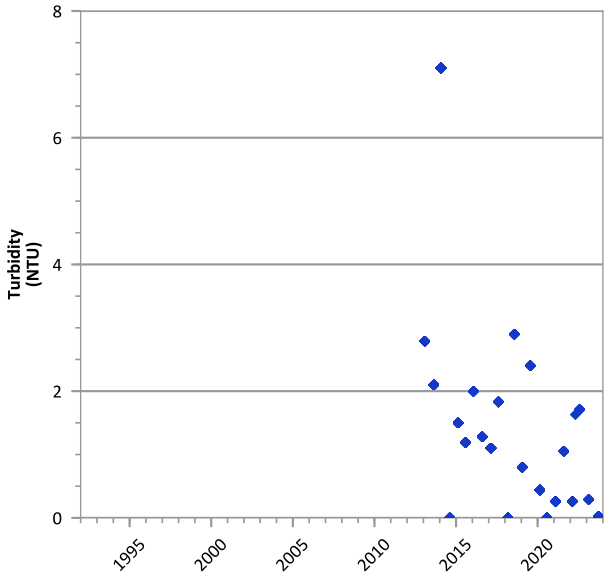


PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

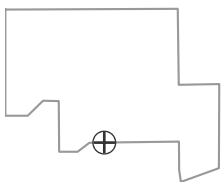






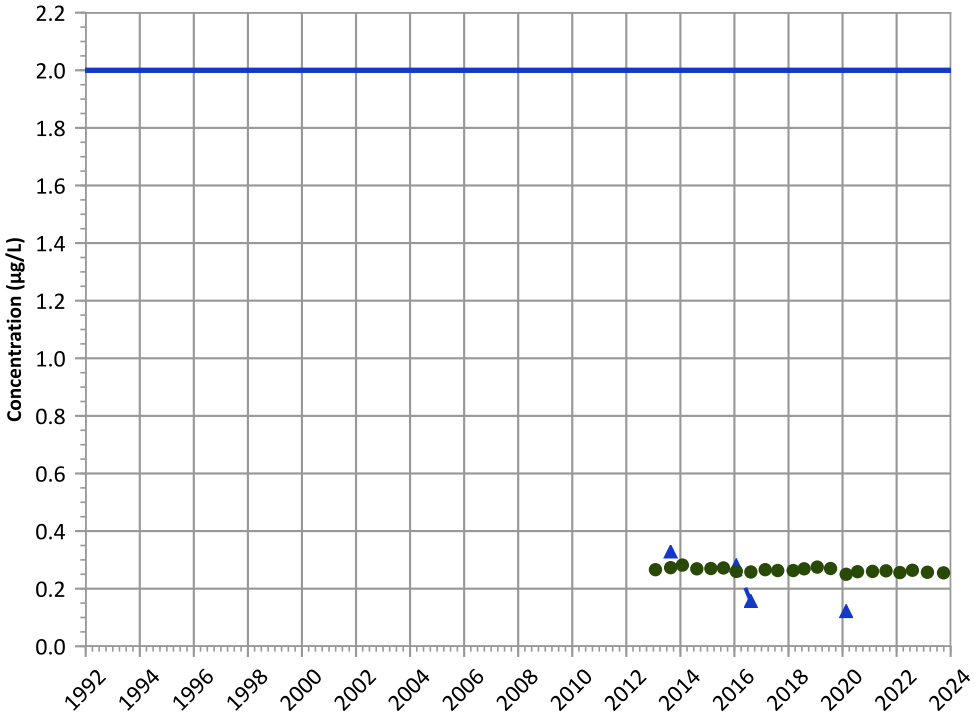


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

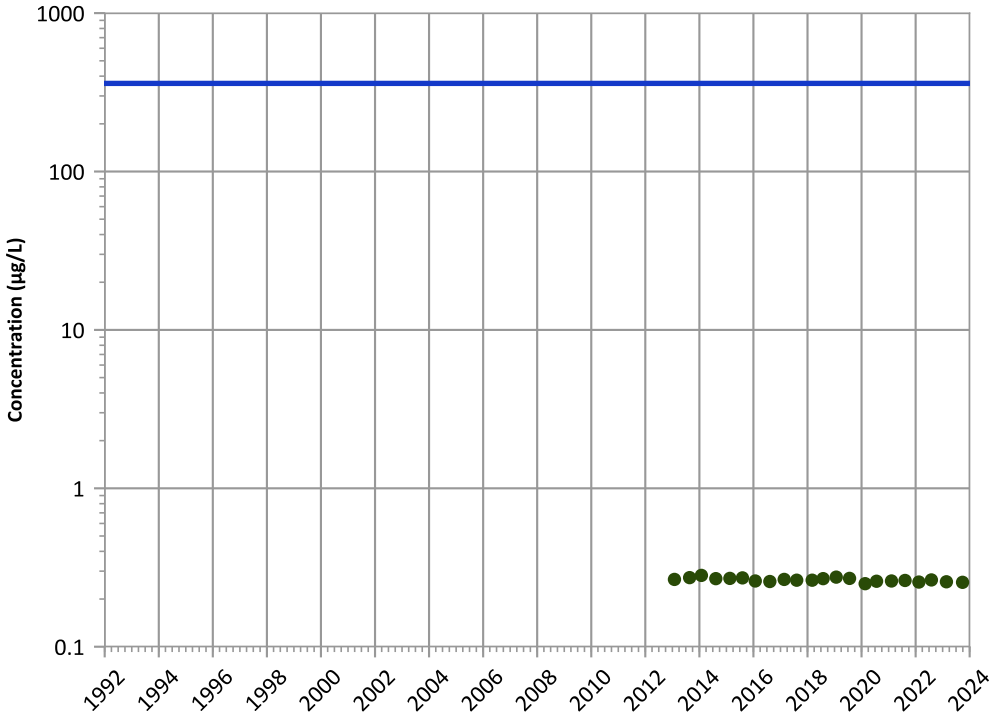


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

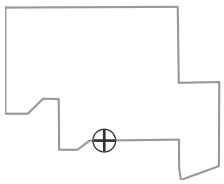
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

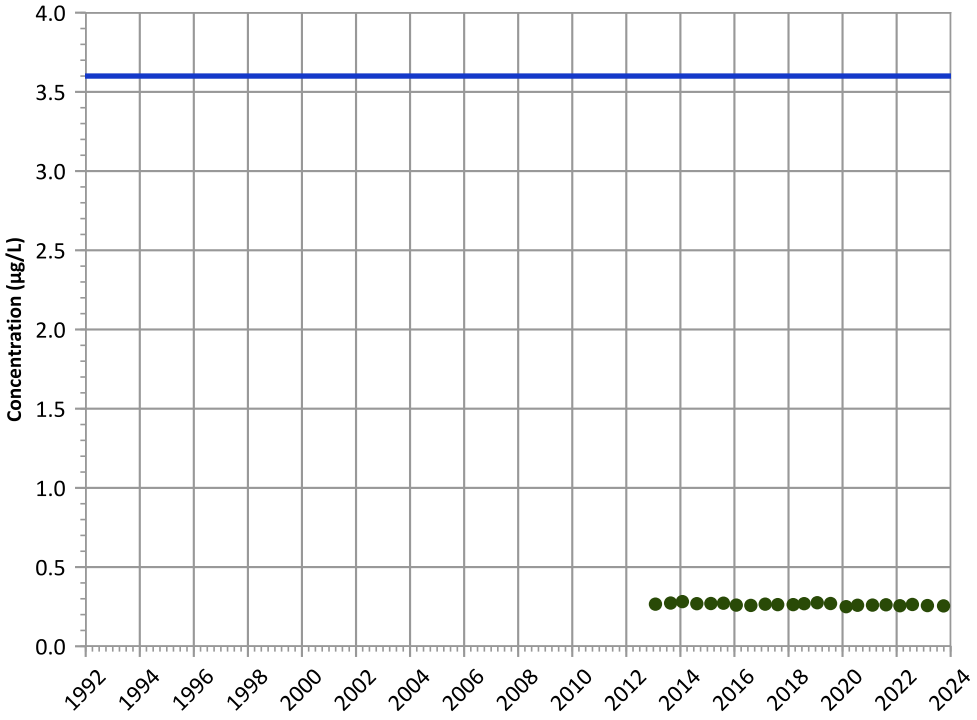
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

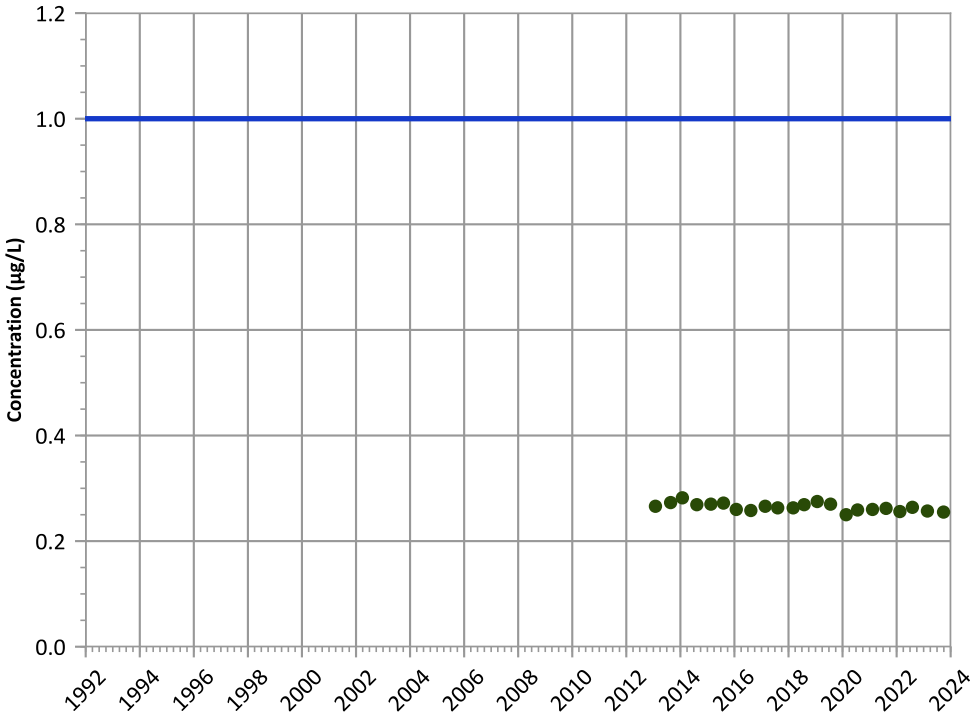


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

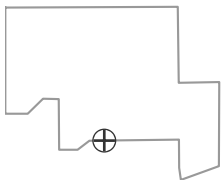
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

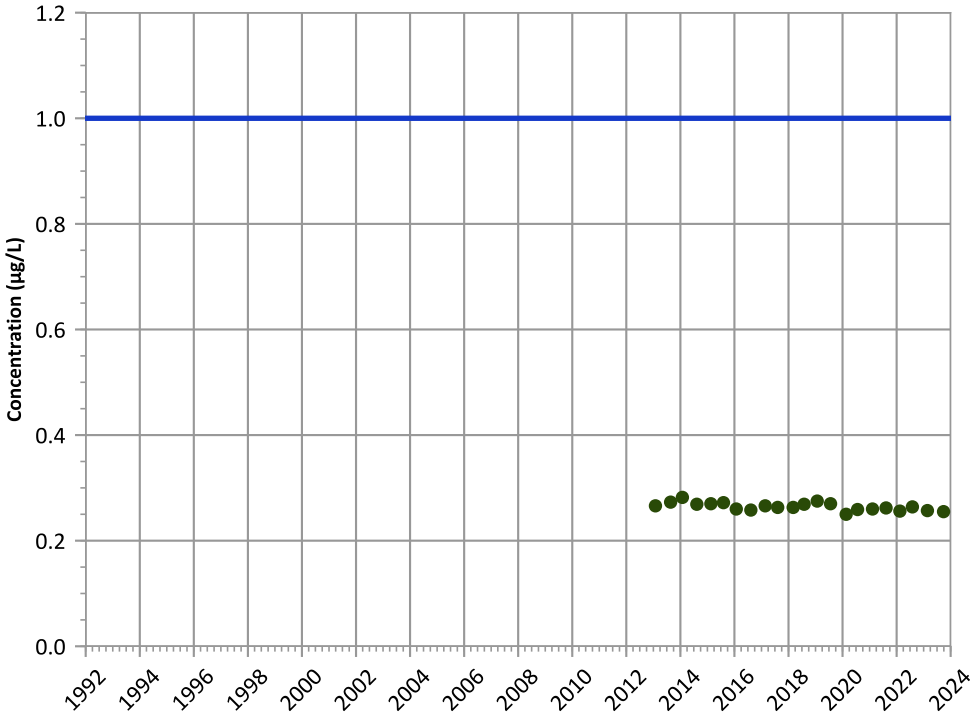
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

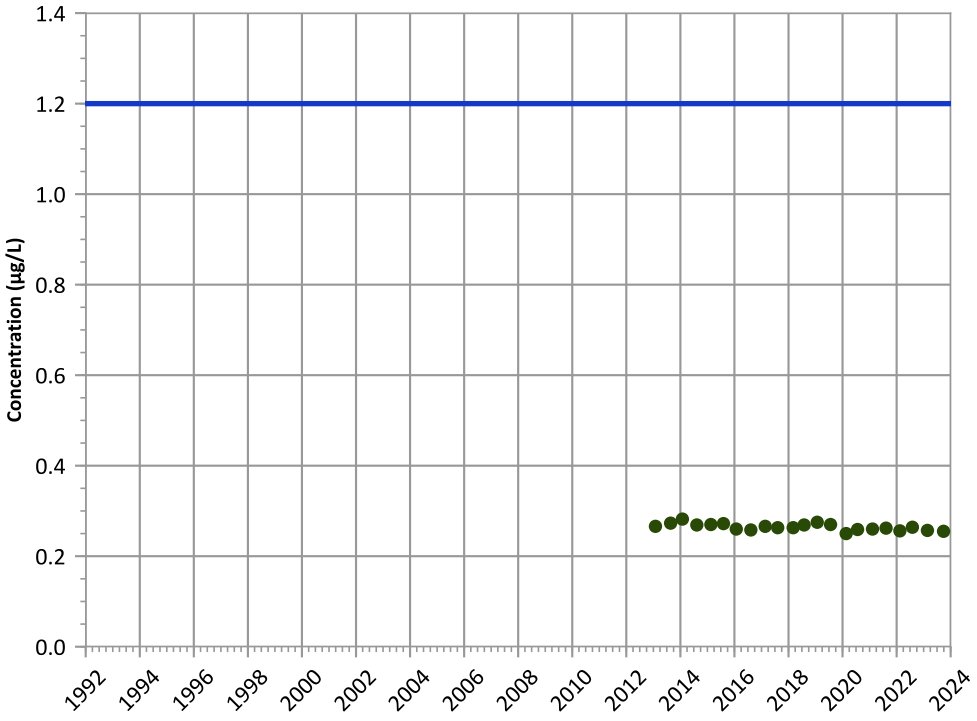


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

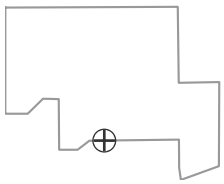
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

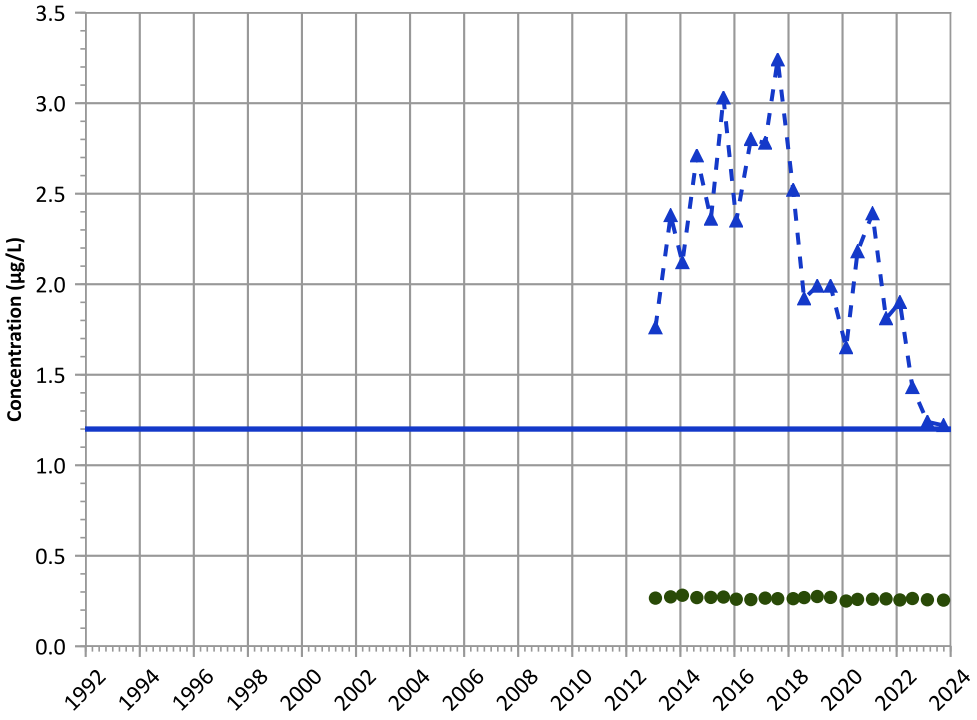
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

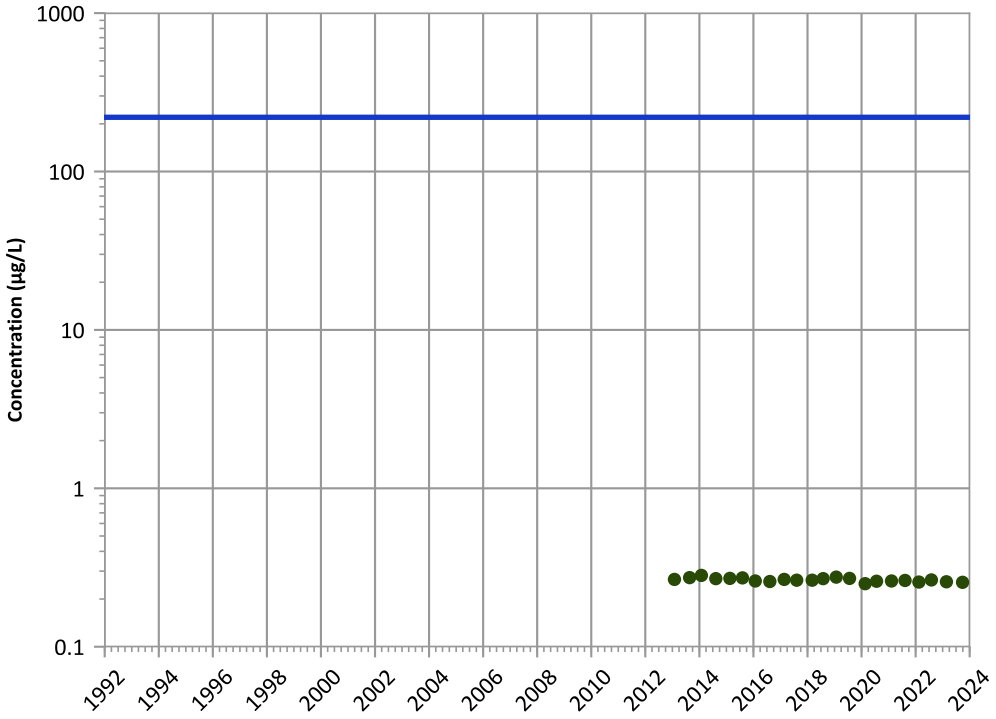


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

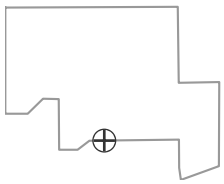
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

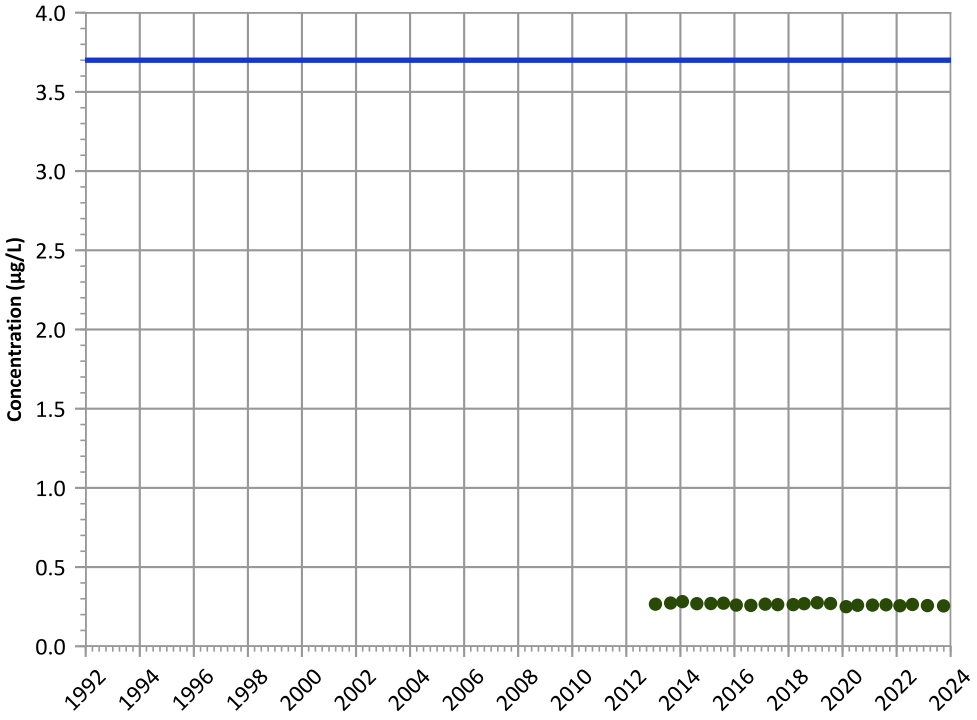
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

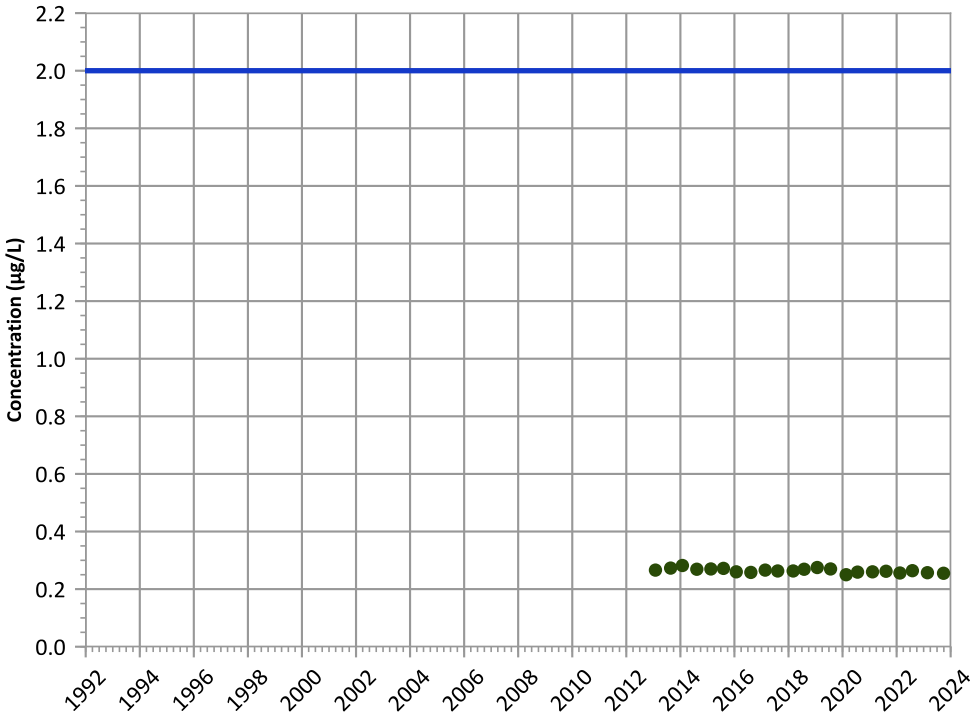


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

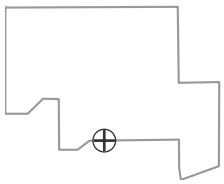
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

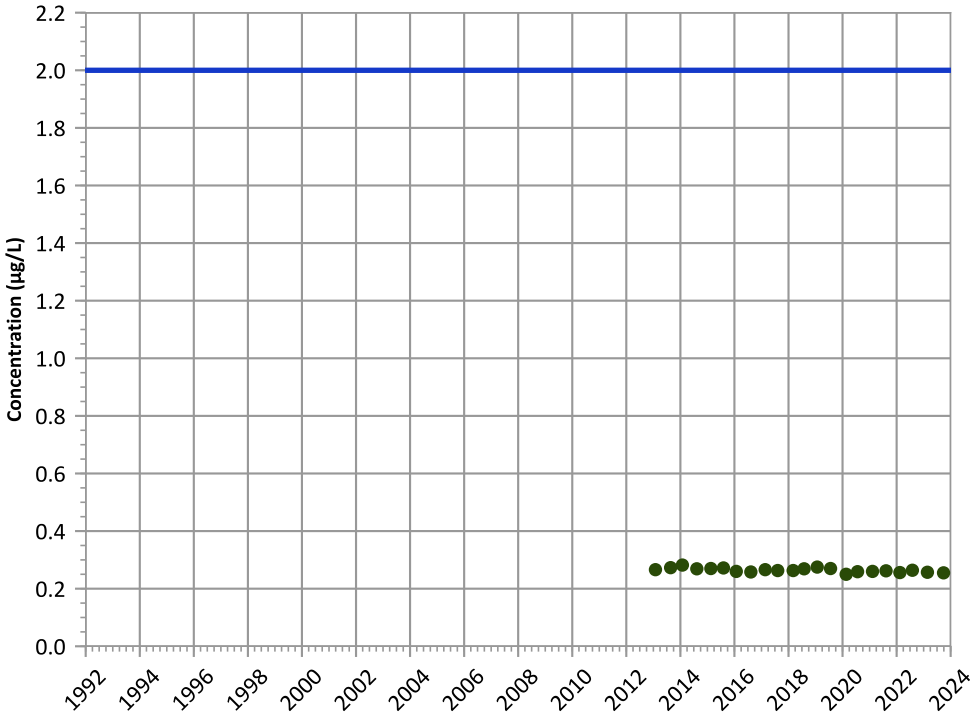
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

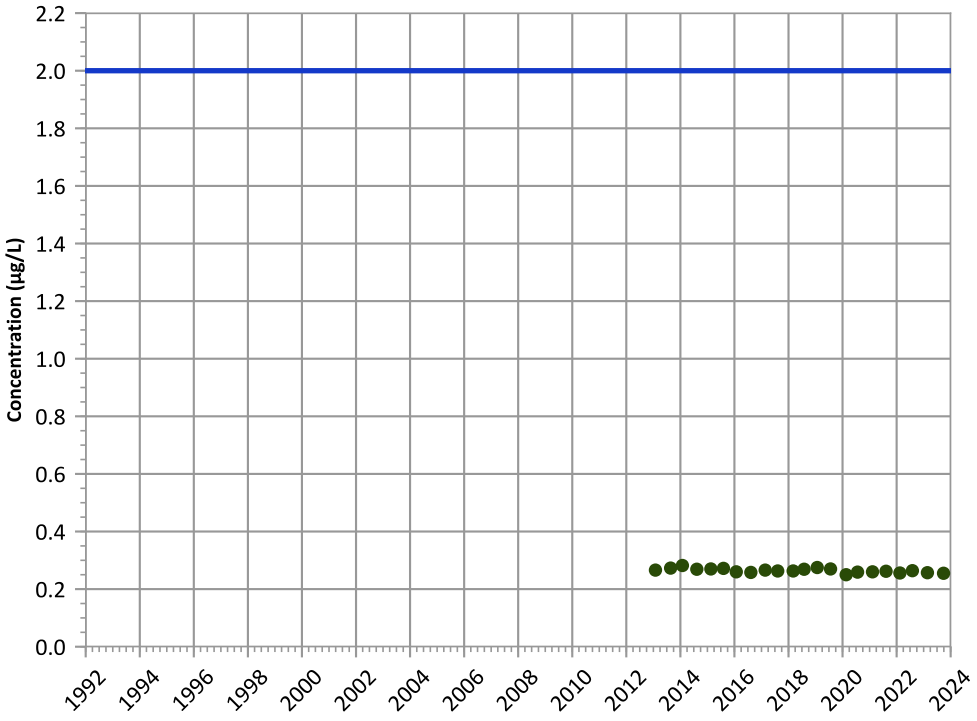


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

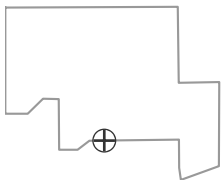
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

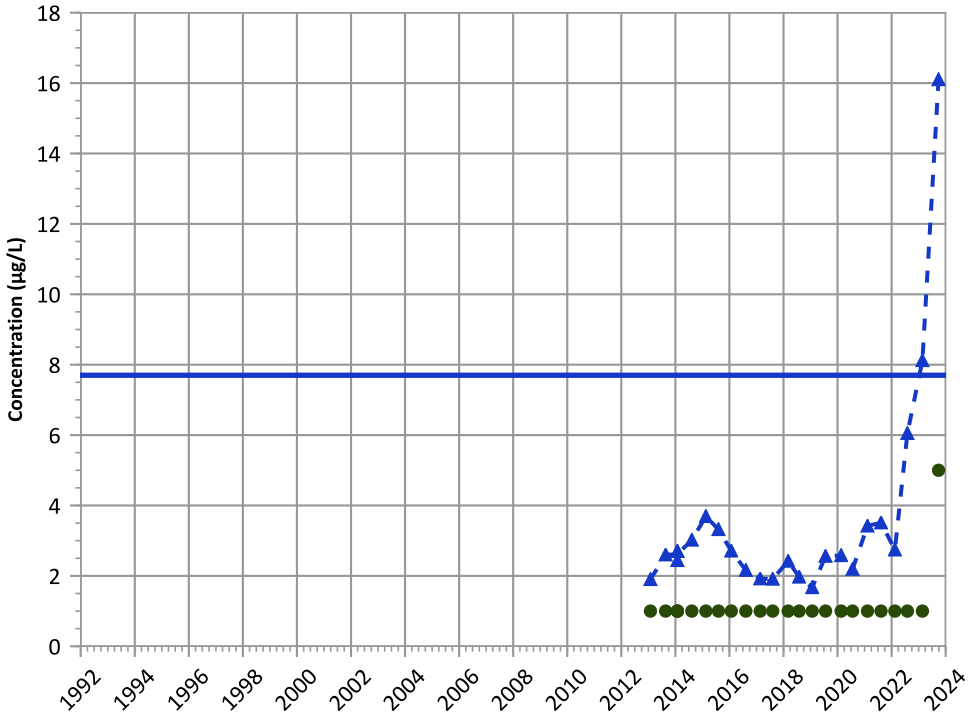
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

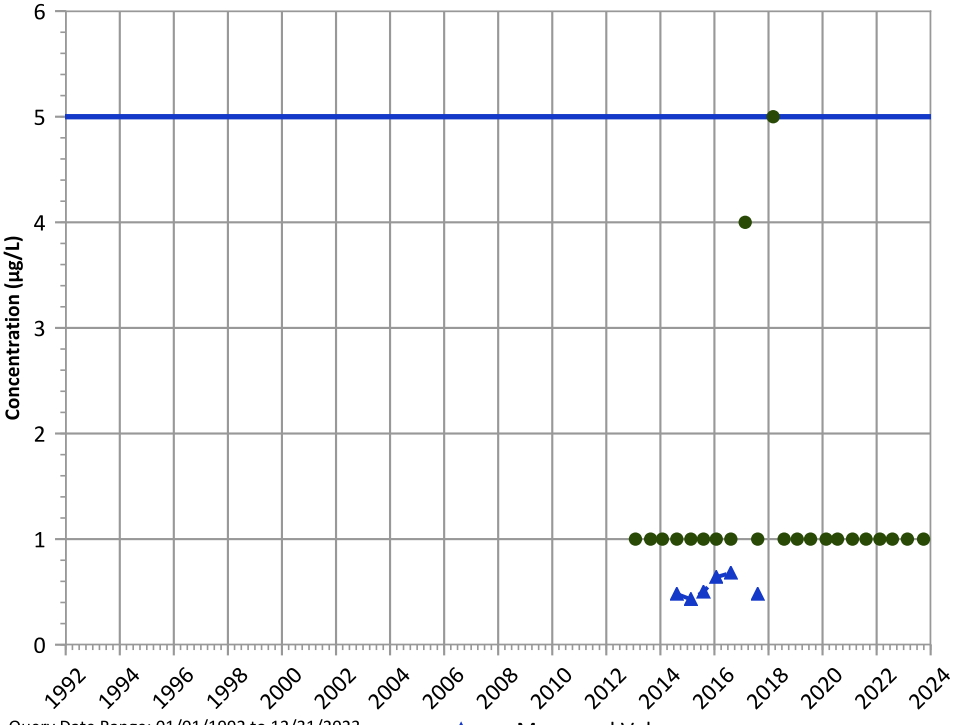


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend

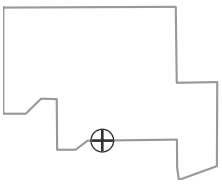


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Well Location

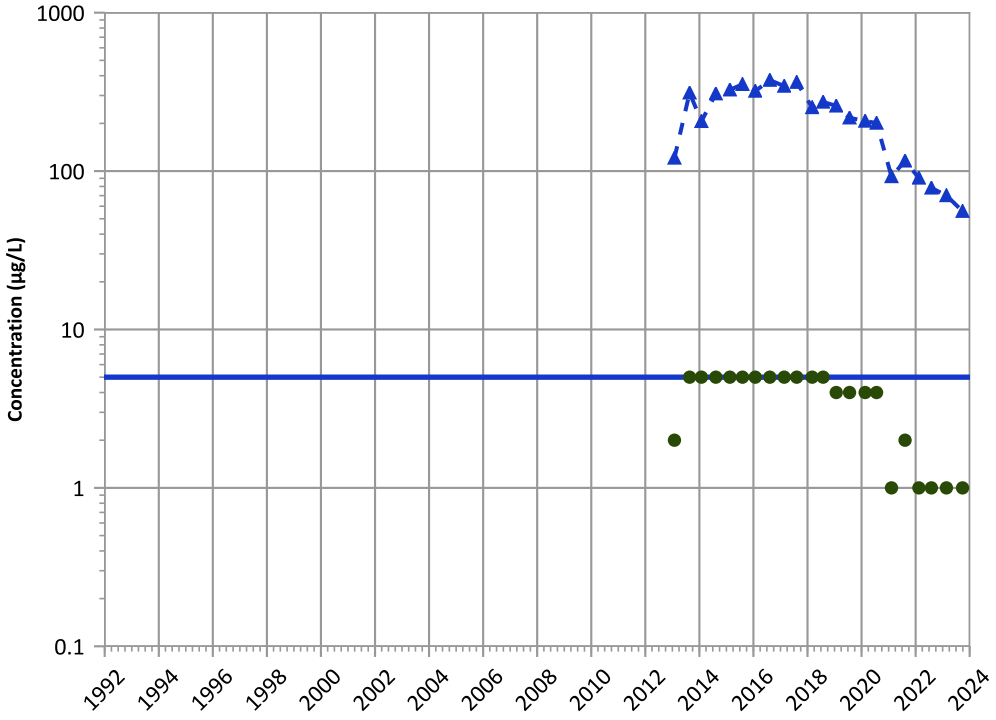


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

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

PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

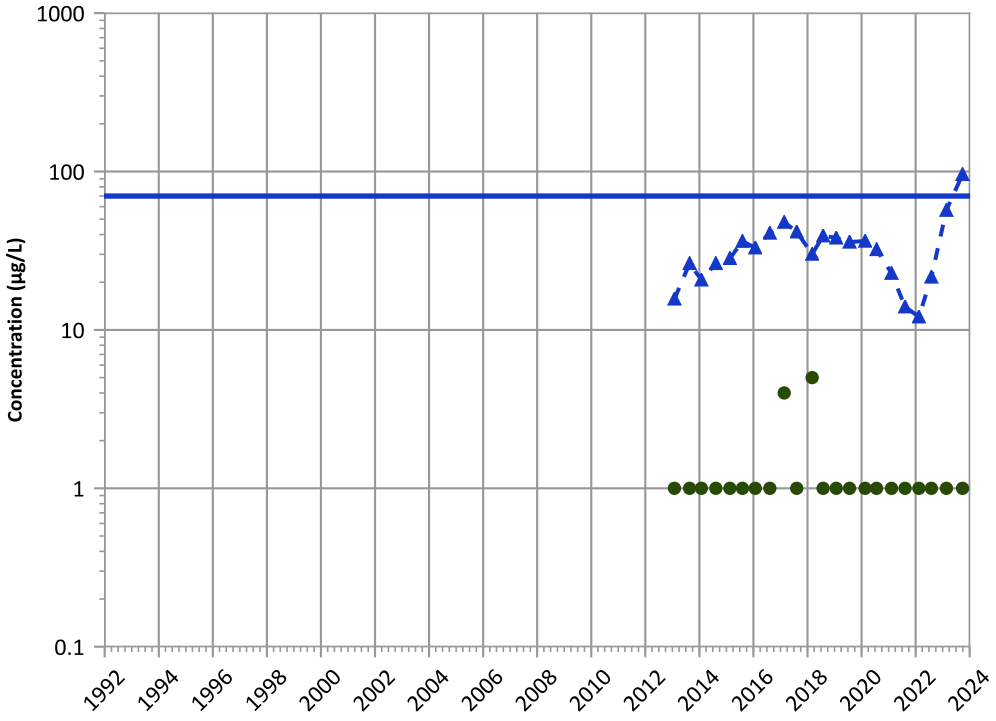


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

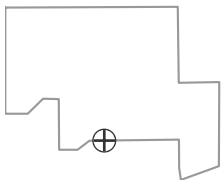
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

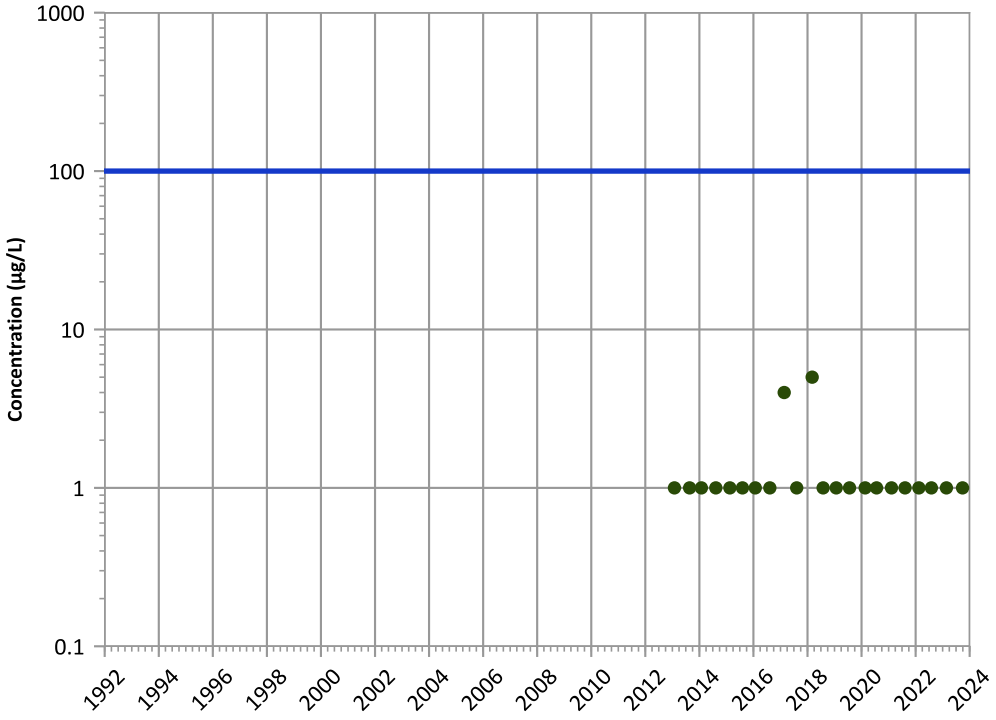
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

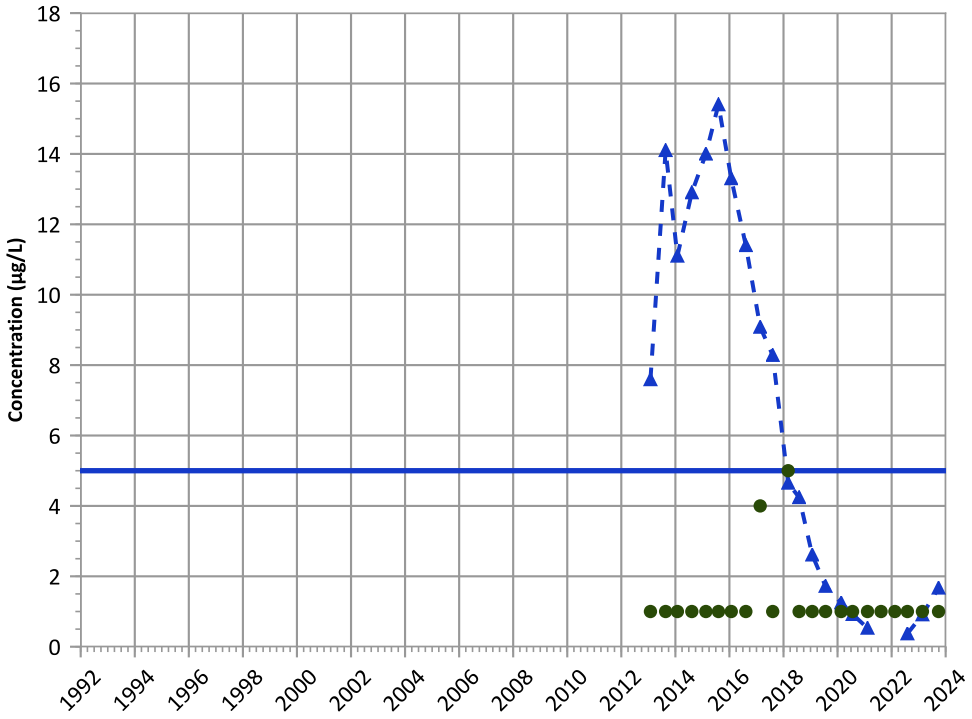


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

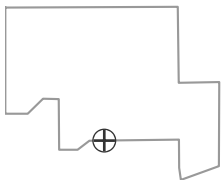
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

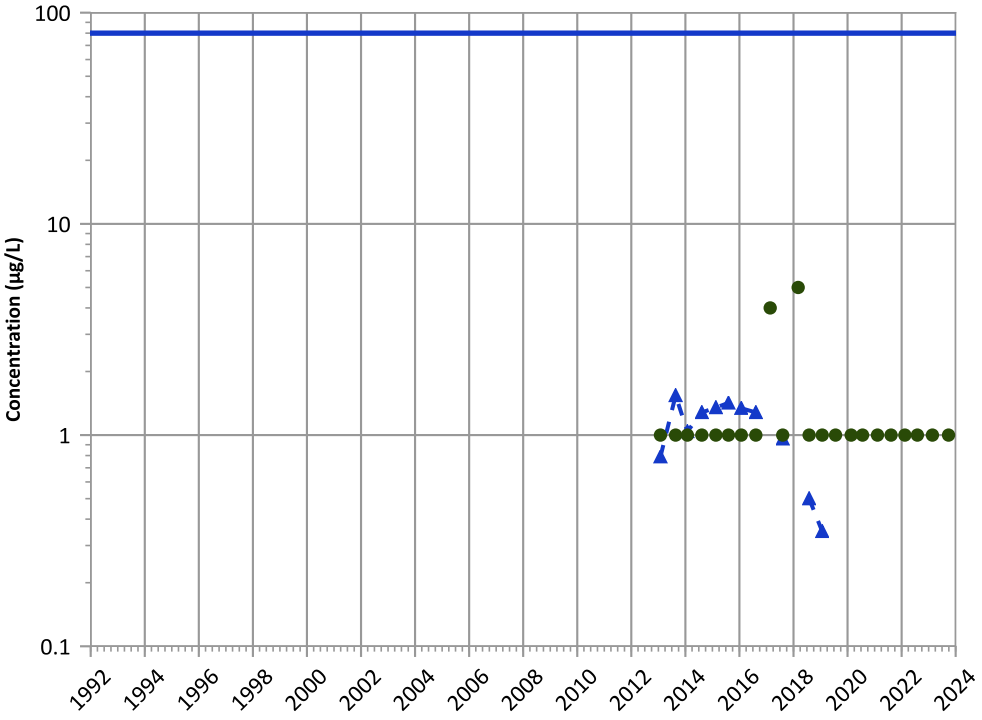
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

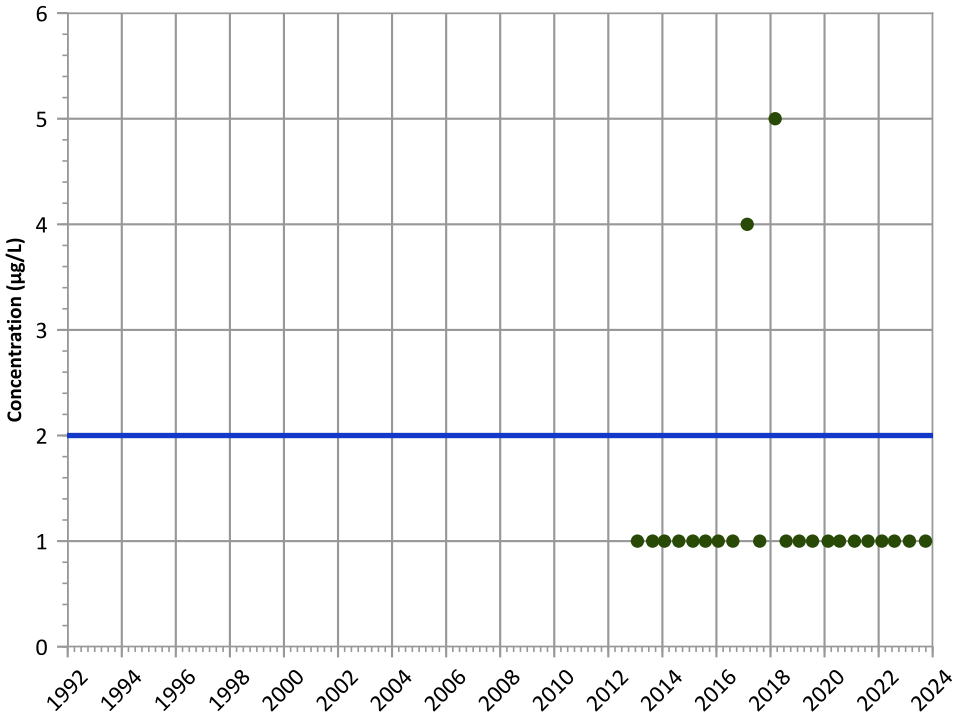
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Vinyl Chloride Trend



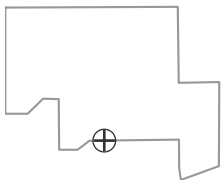
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

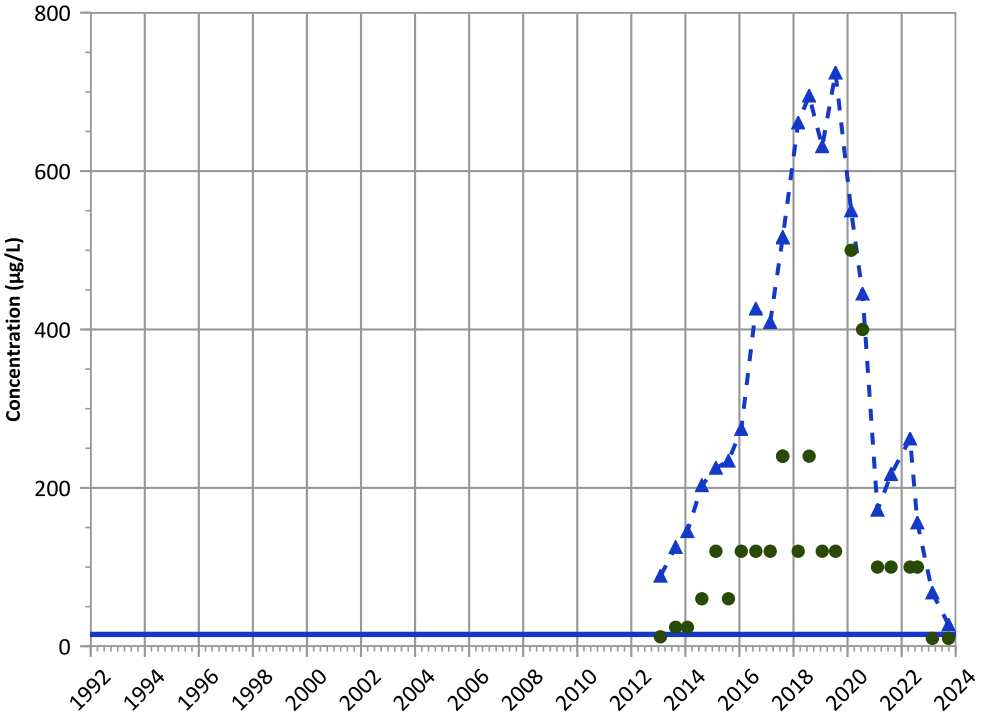
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

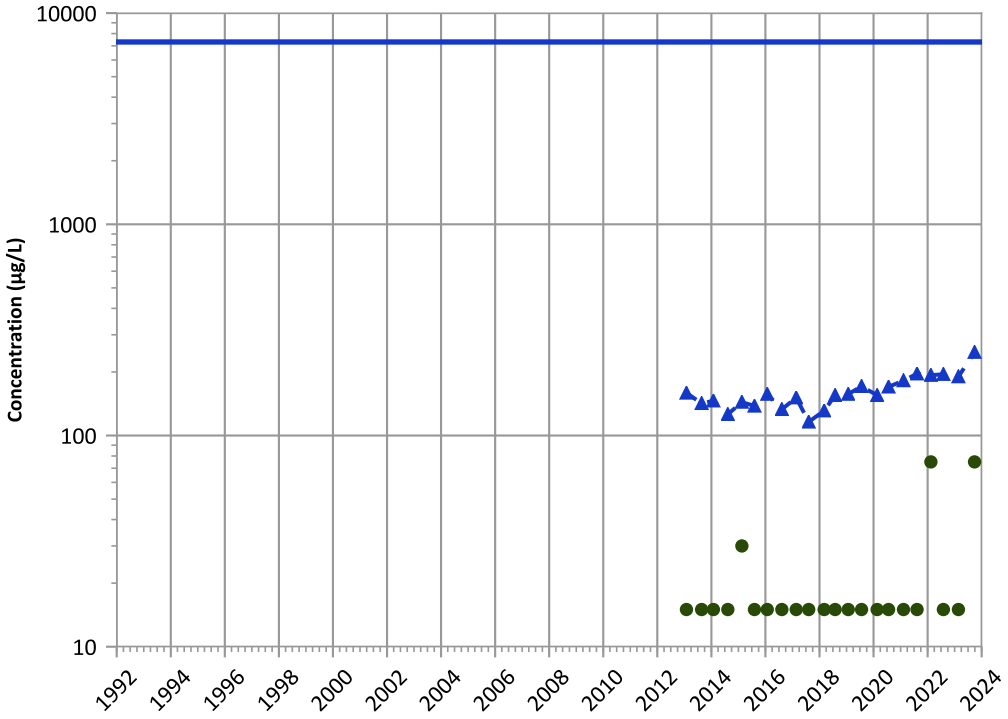


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Boron Trend



Concentration Trend

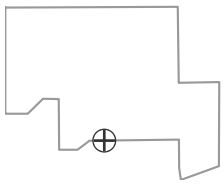
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

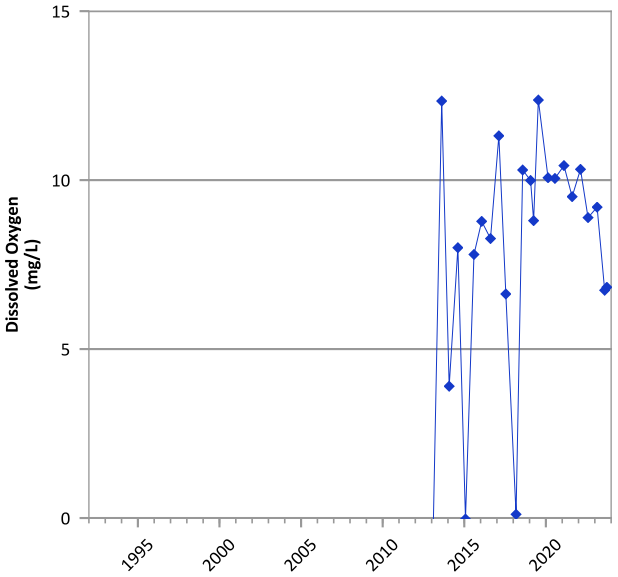
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

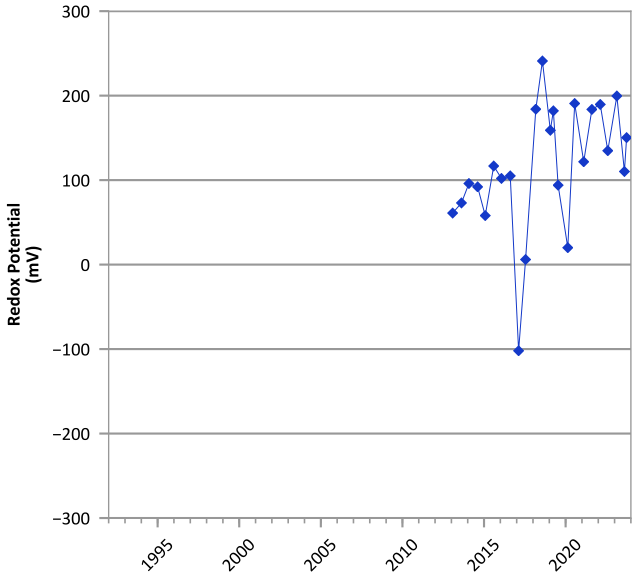
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

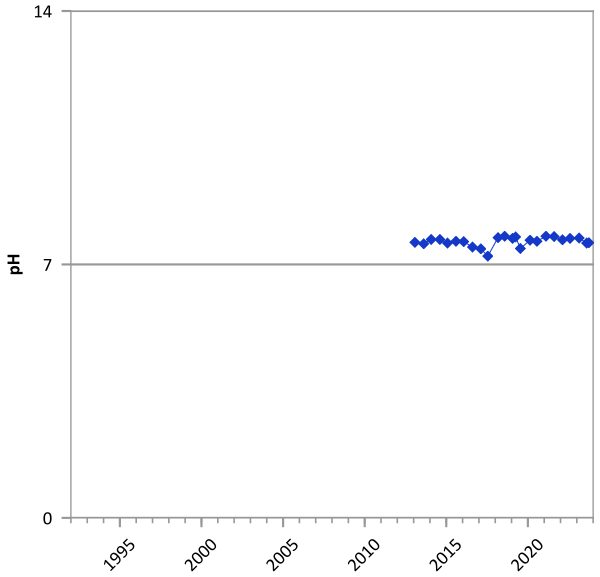
Well Location

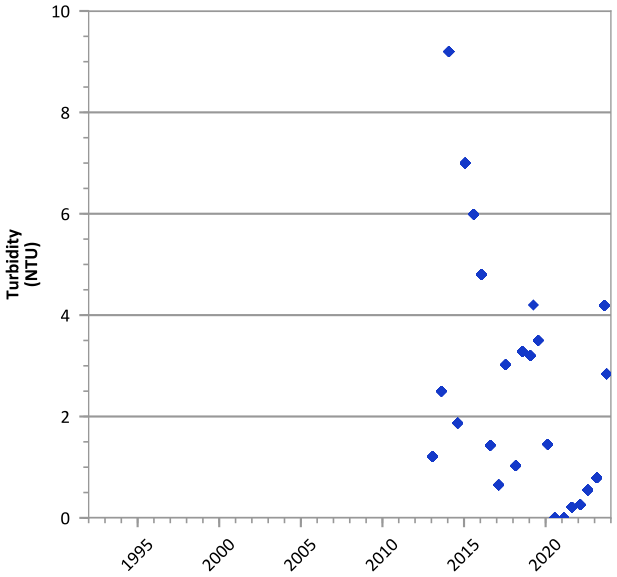


PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

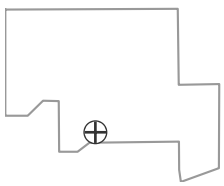






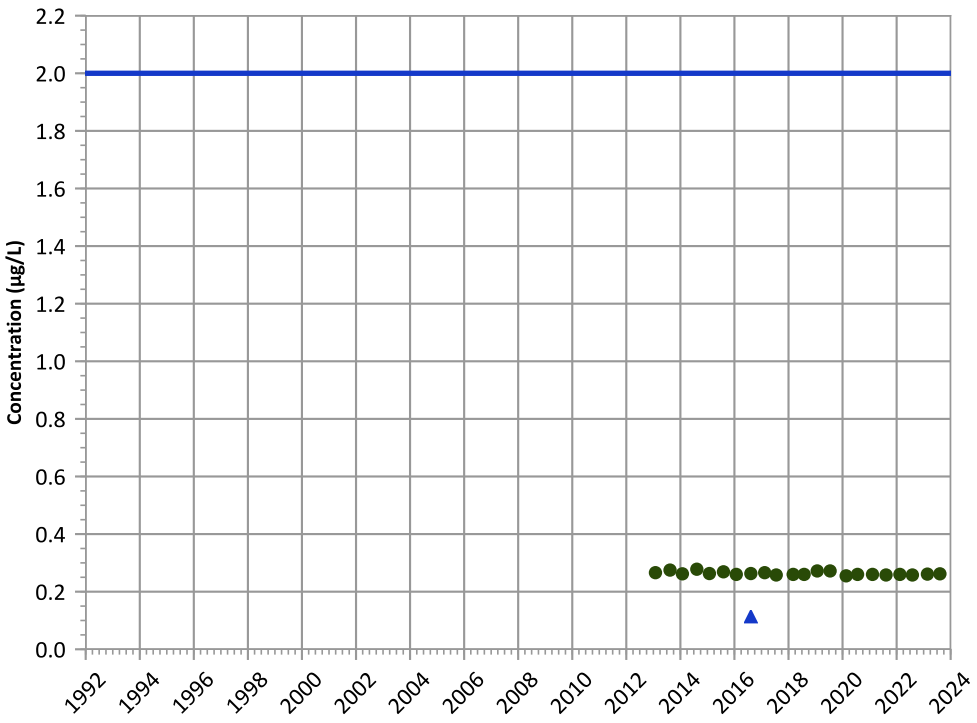


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

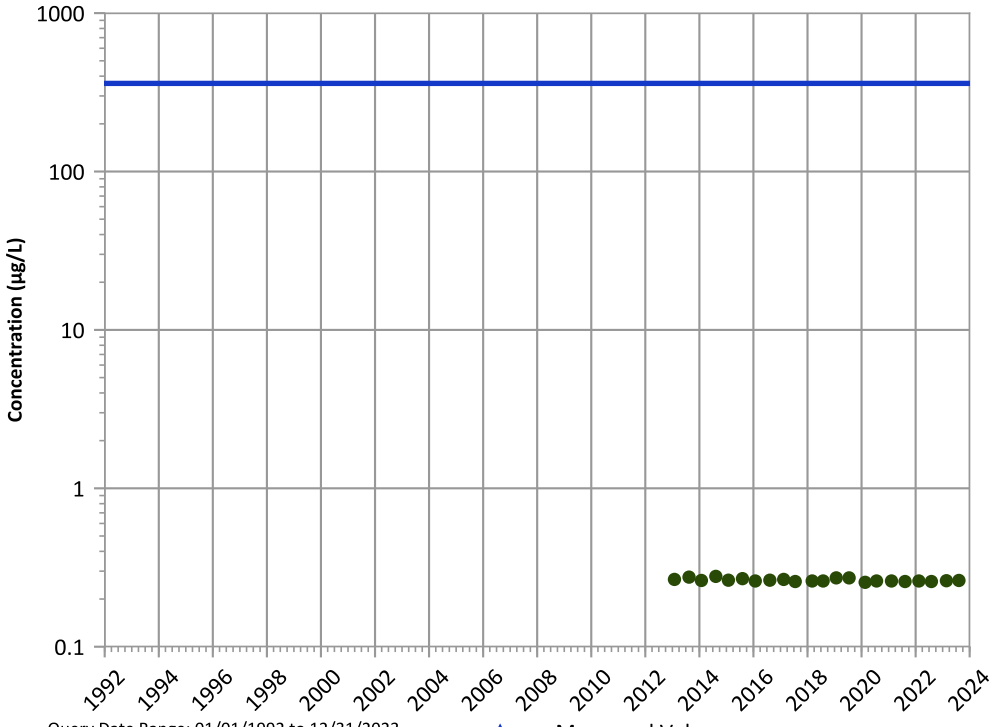


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

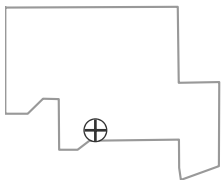
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

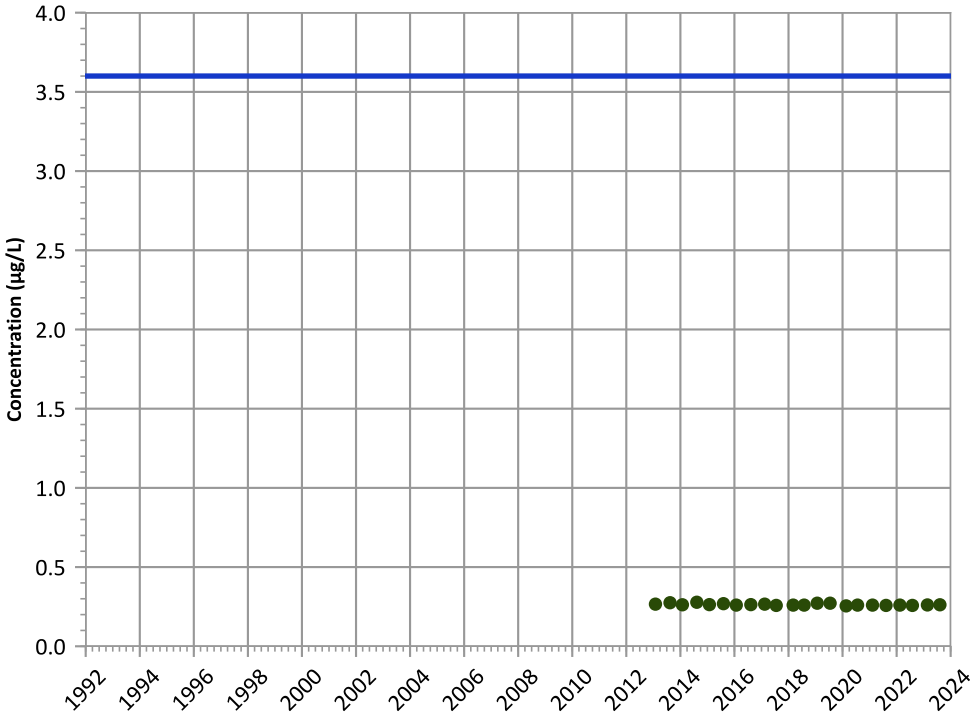
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

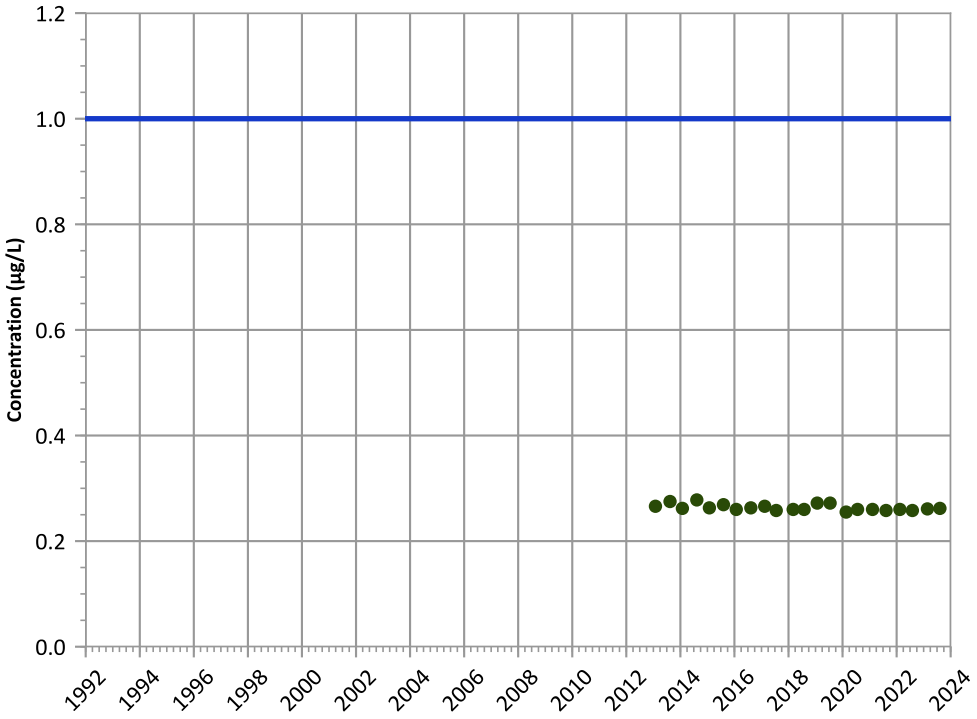


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

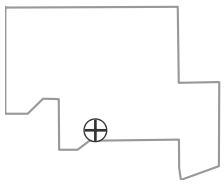
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

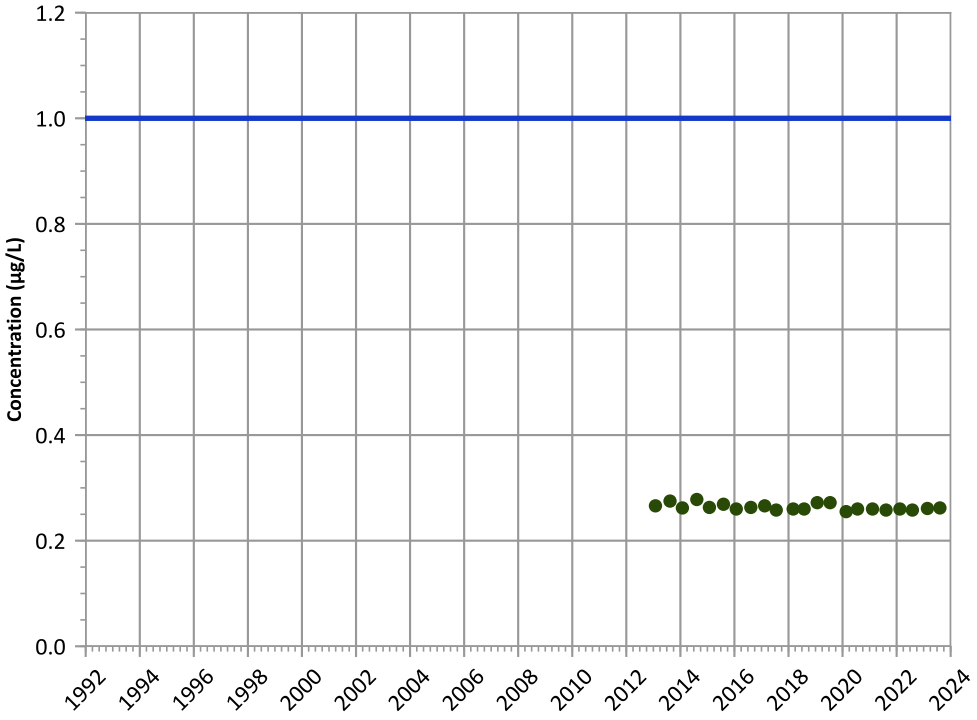
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

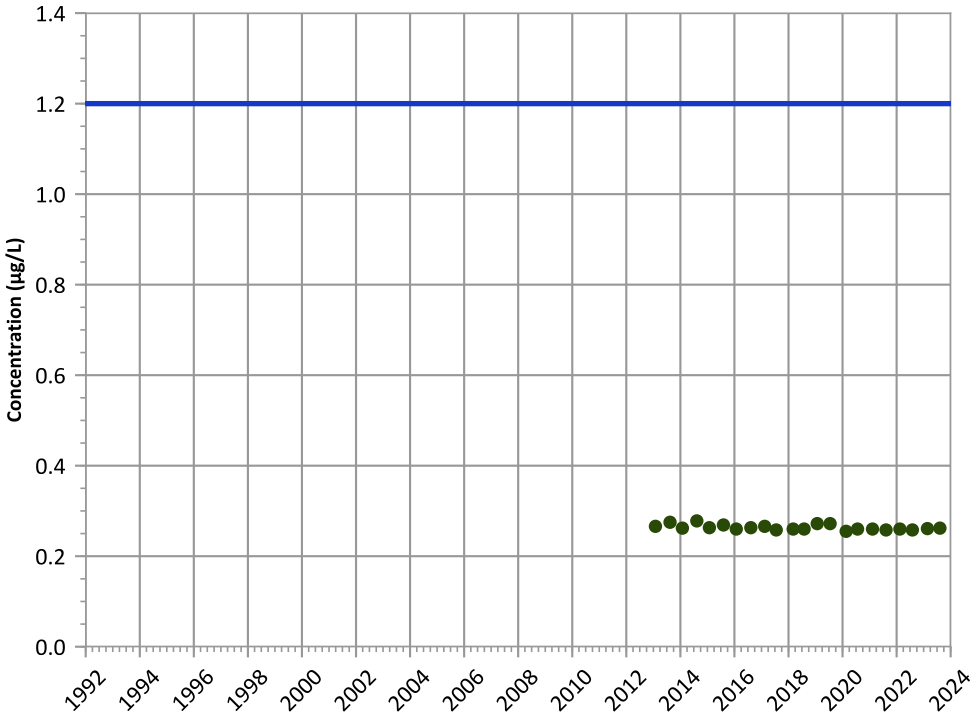


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

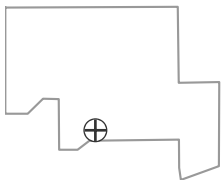
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

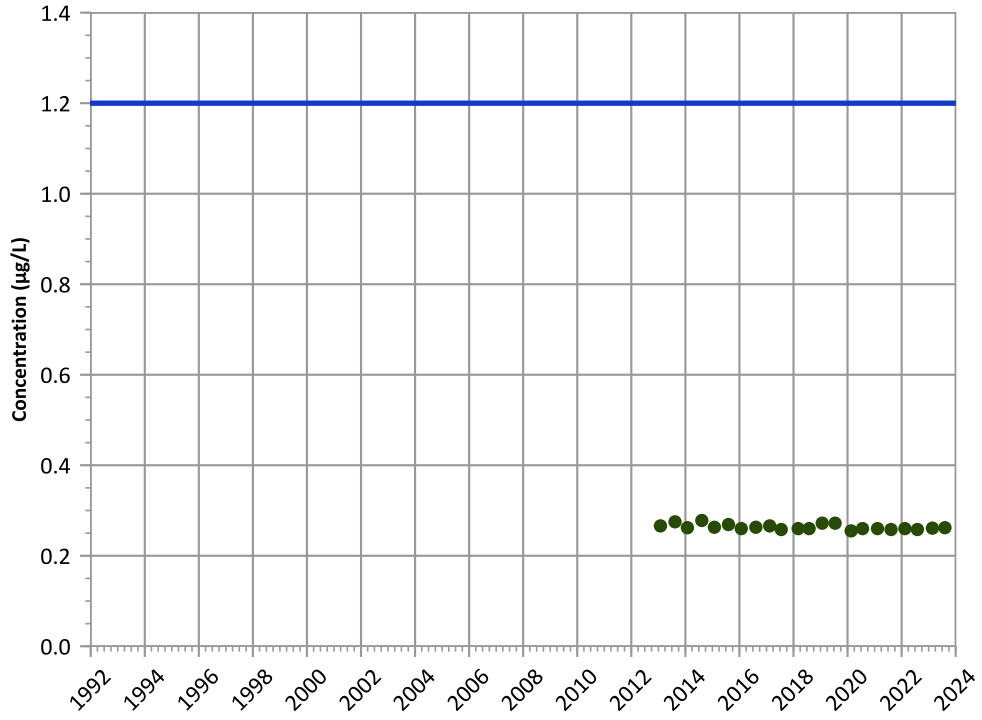
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

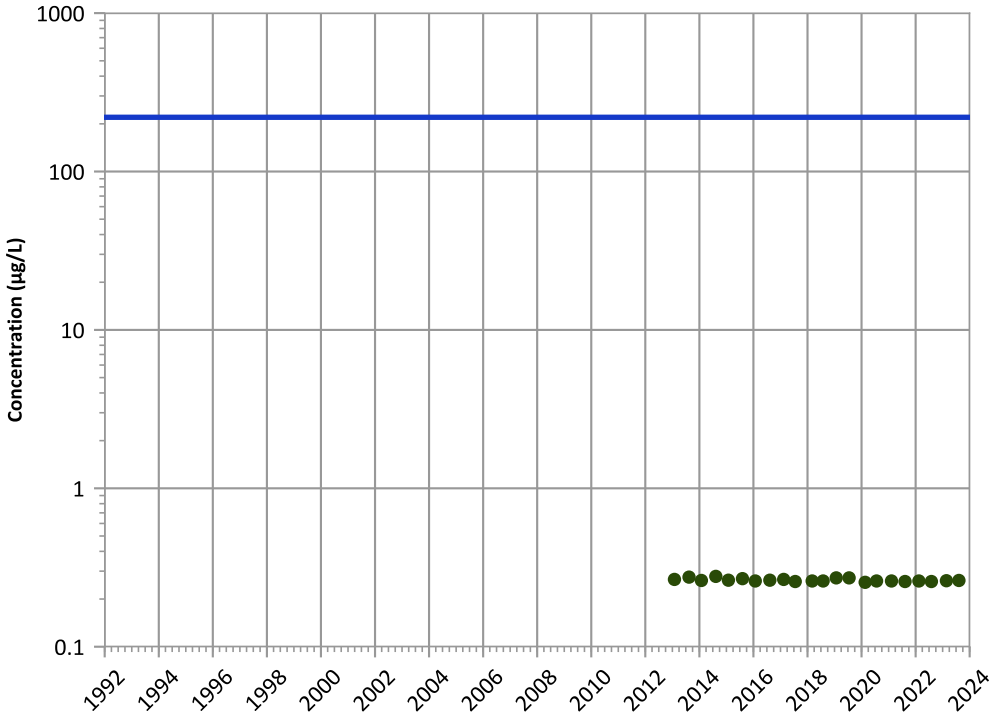


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

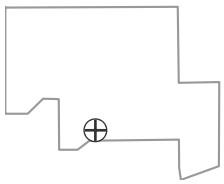
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

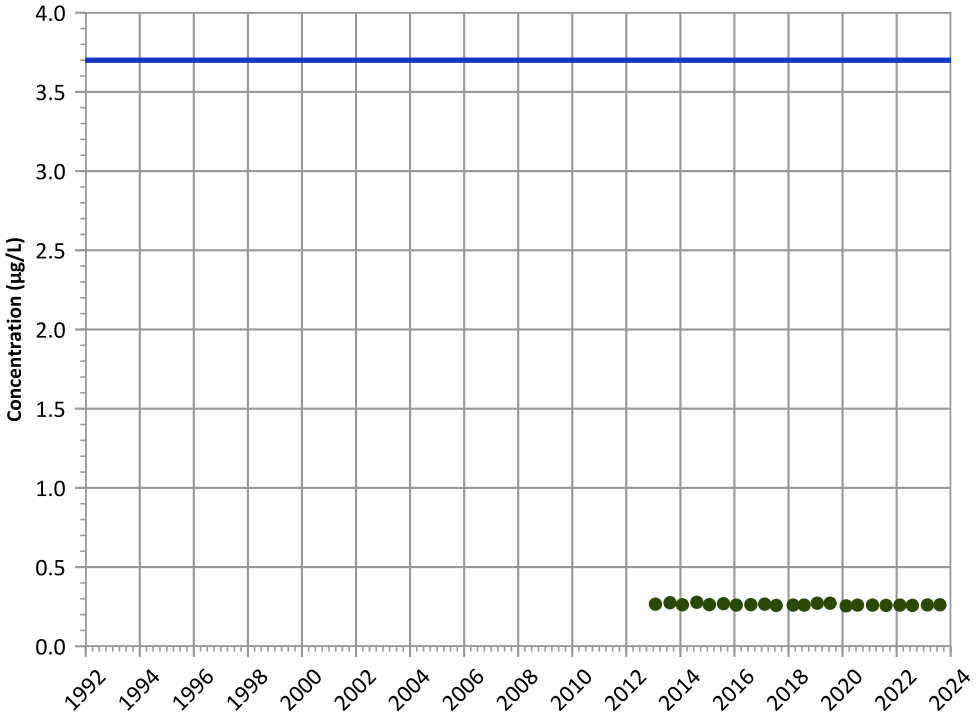
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

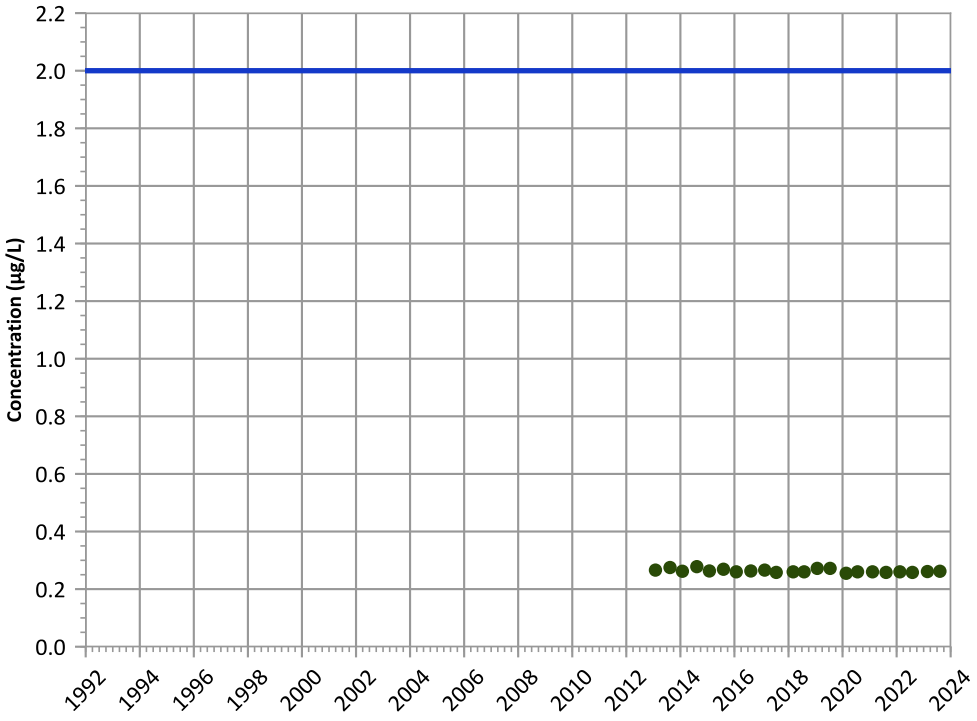


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

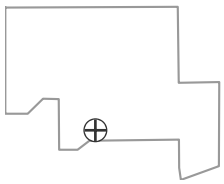
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

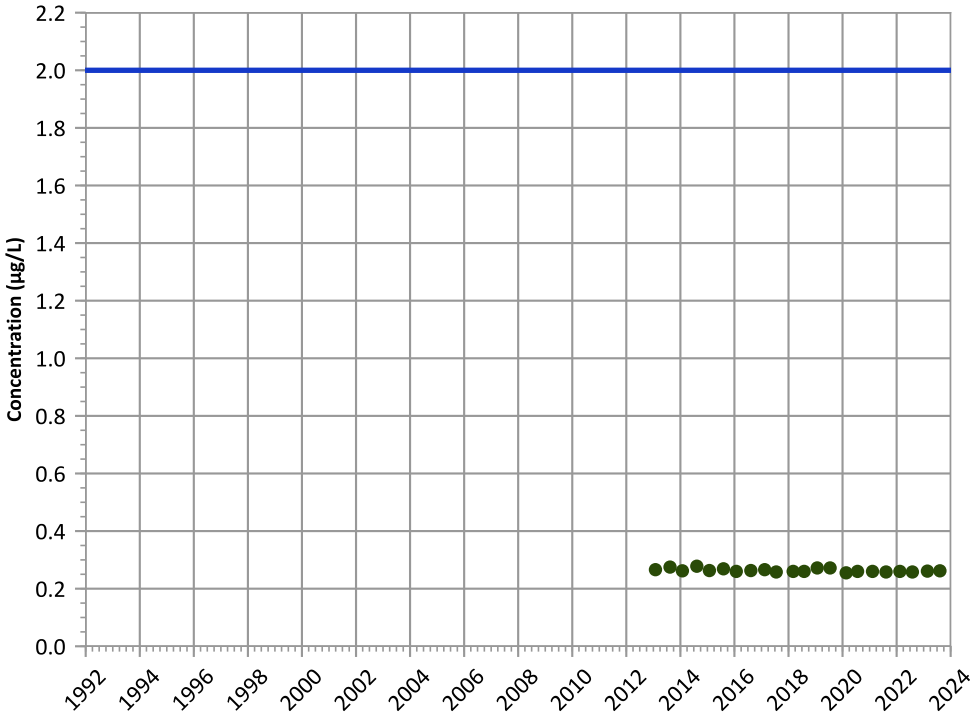
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

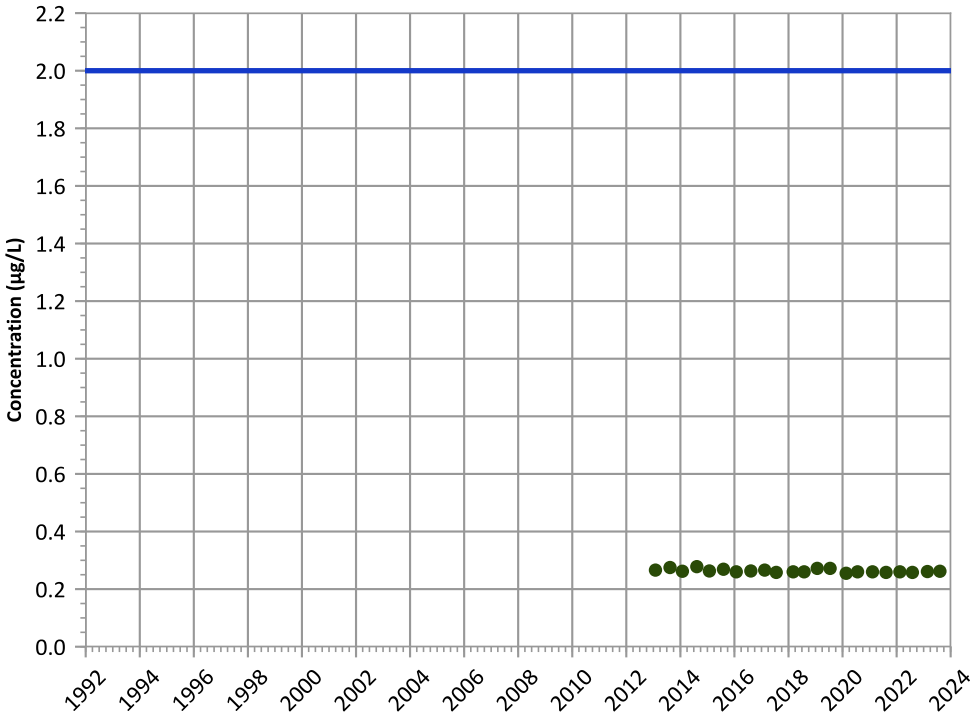


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

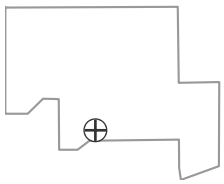
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

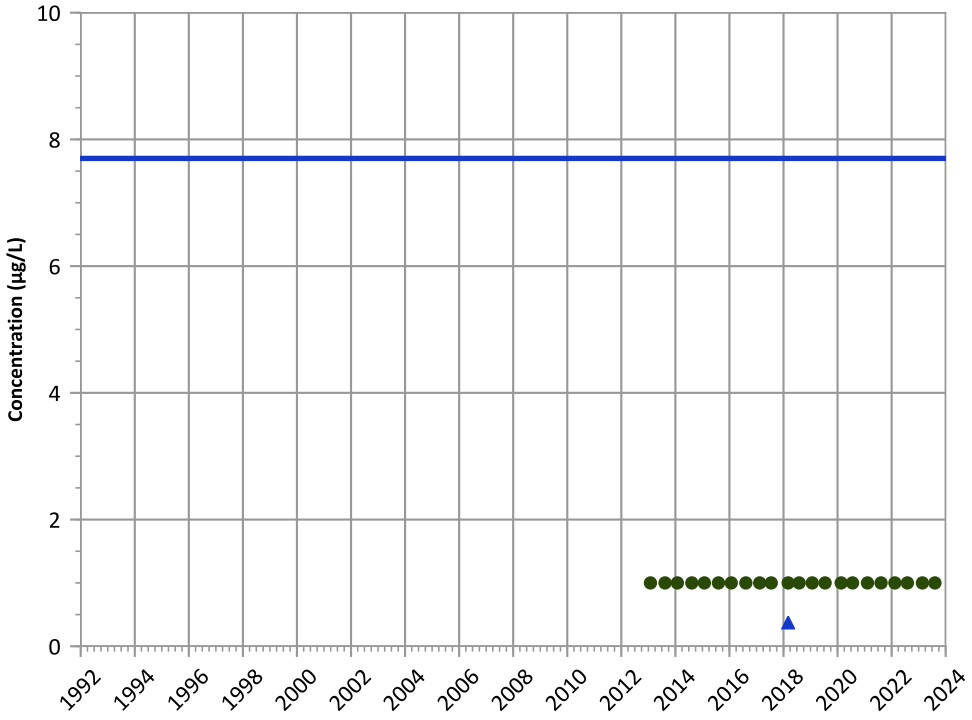
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

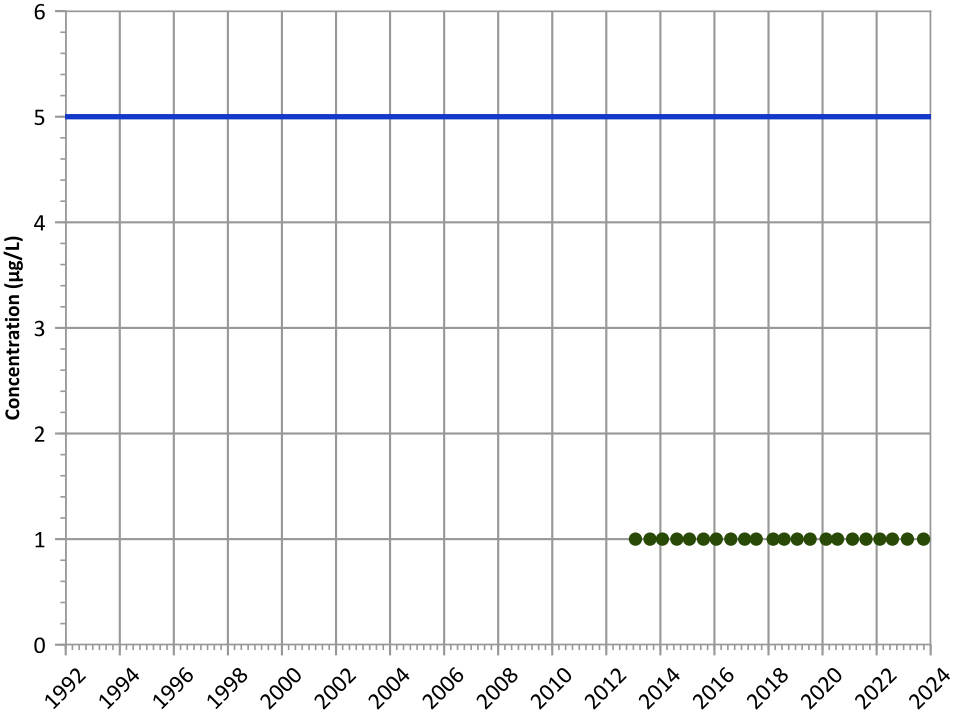


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

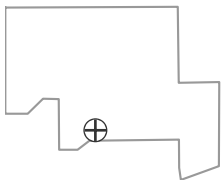
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

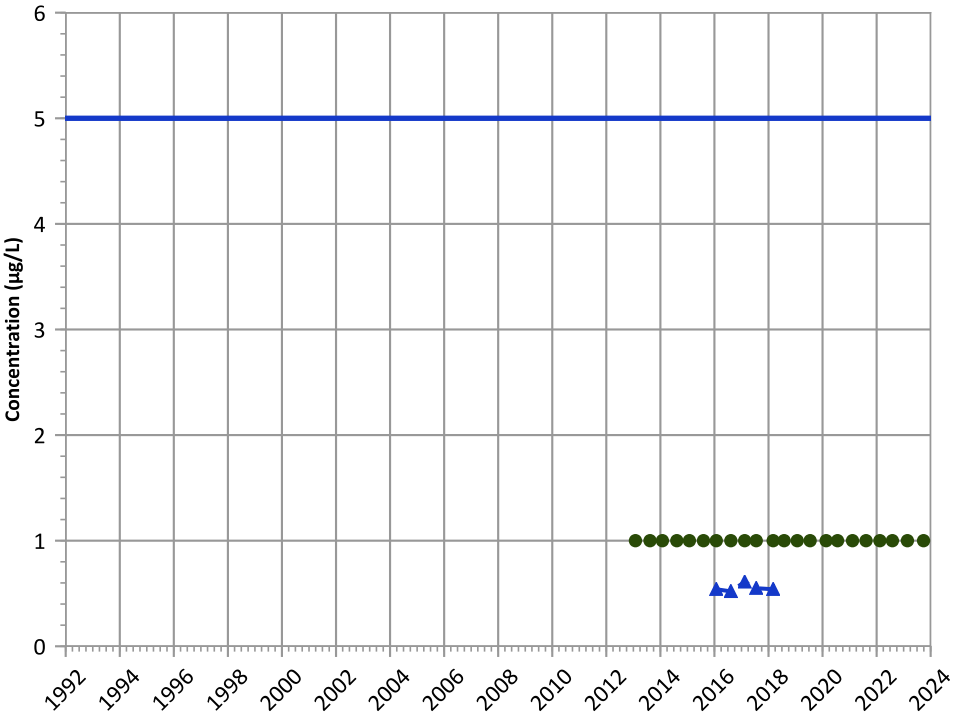
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

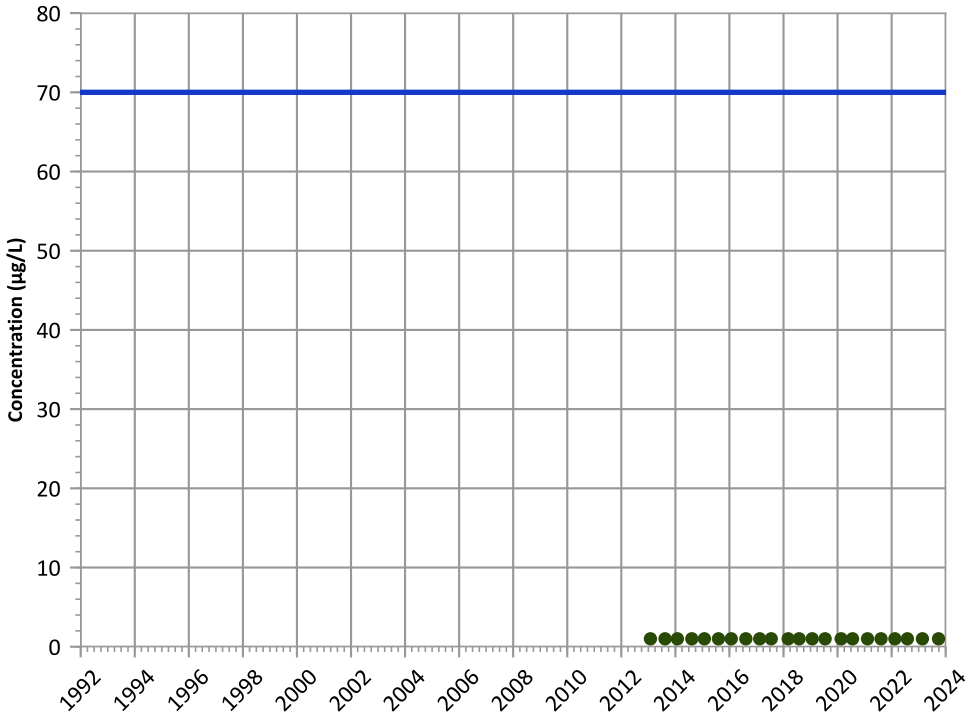


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

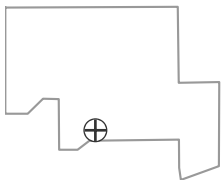
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

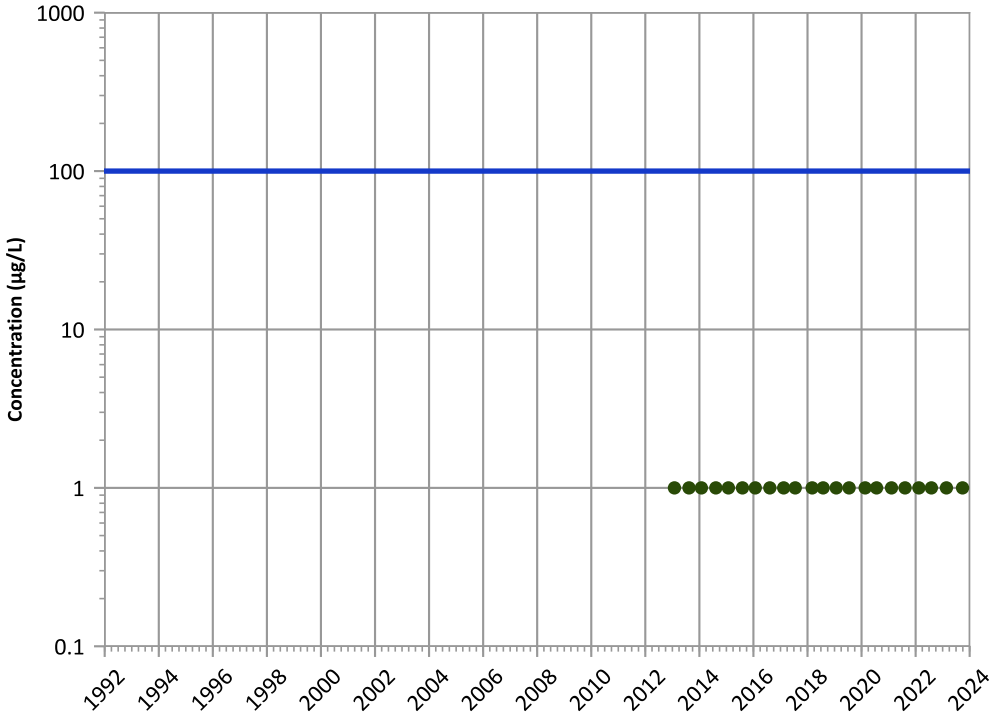
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

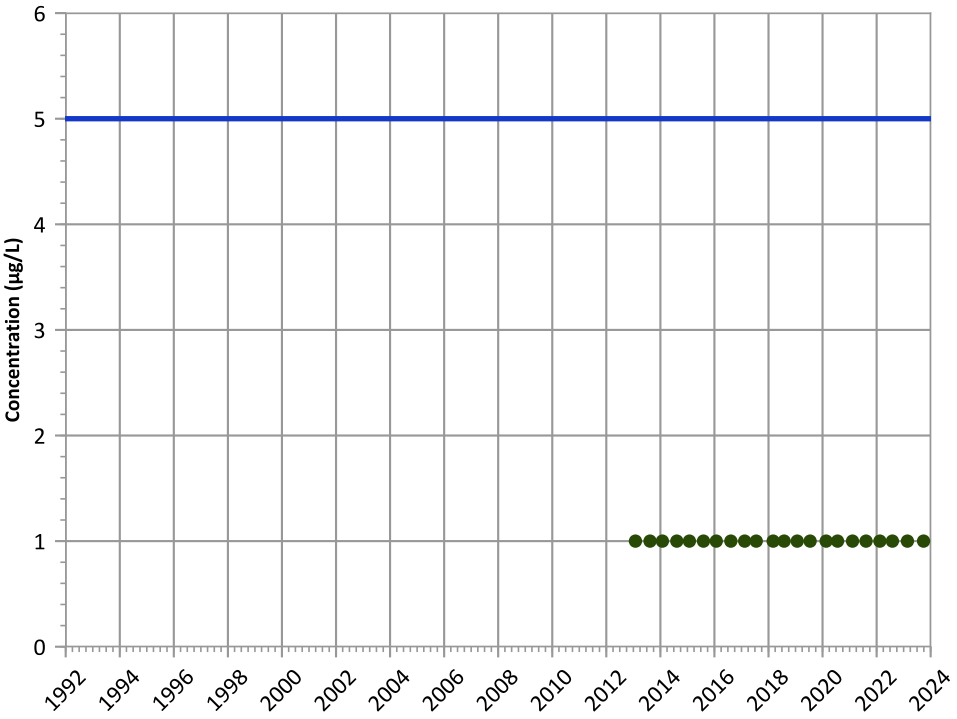


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

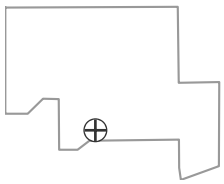
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

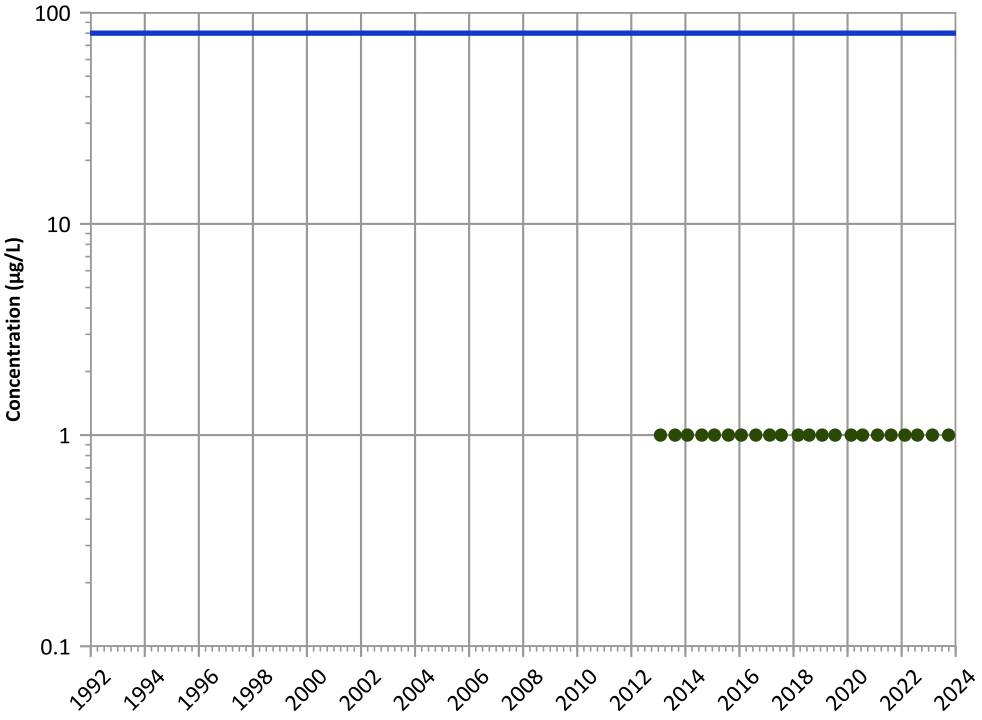
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

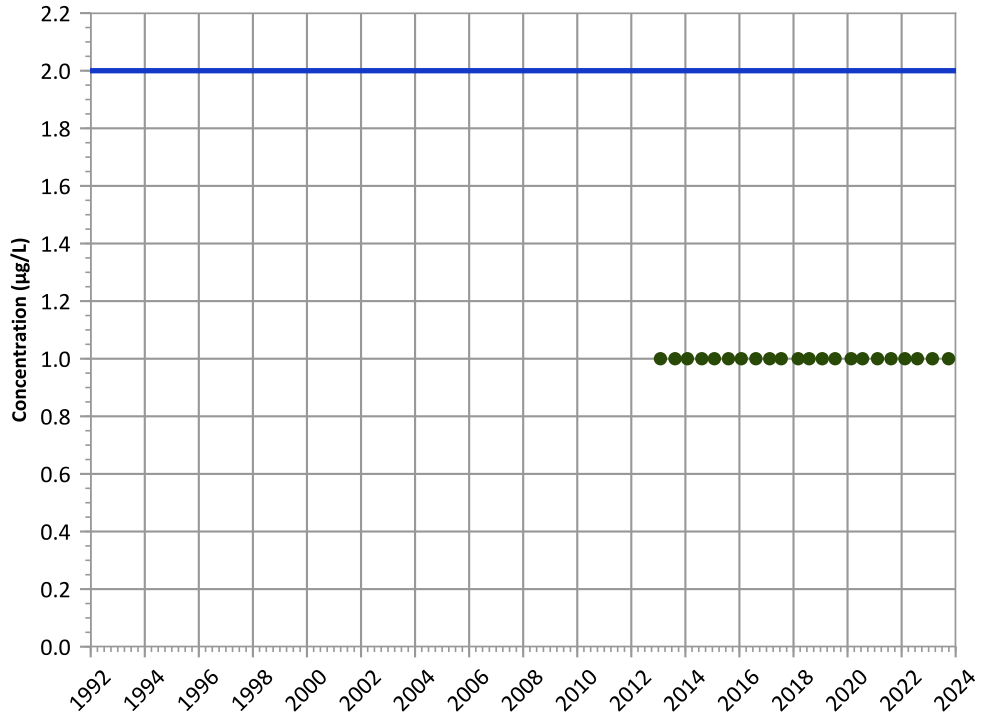
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



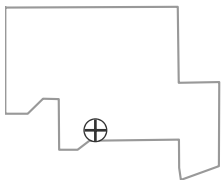
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

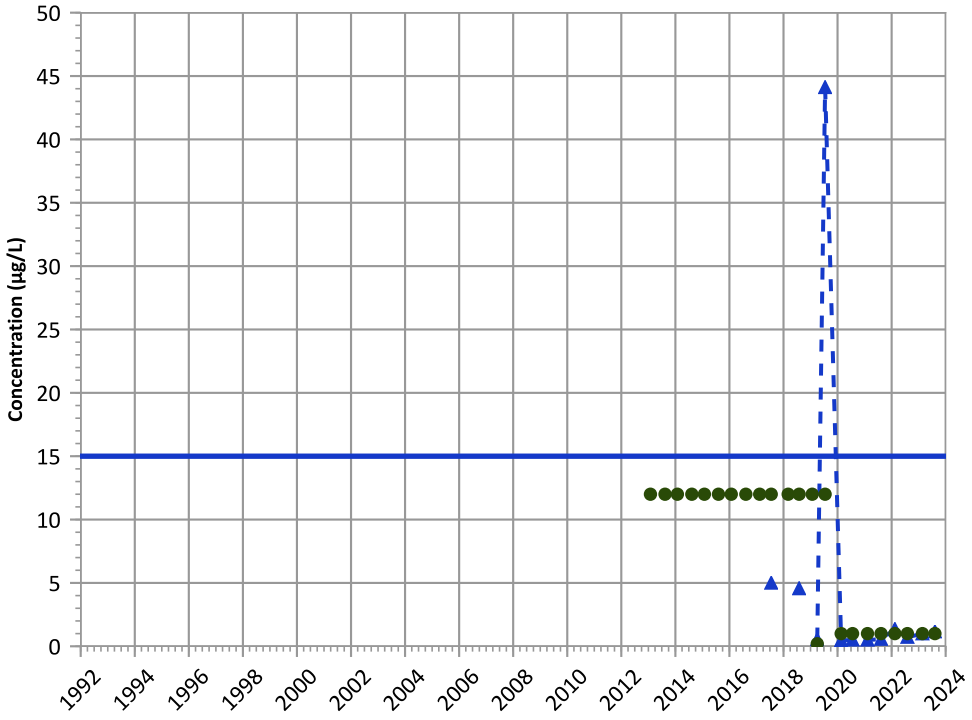
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

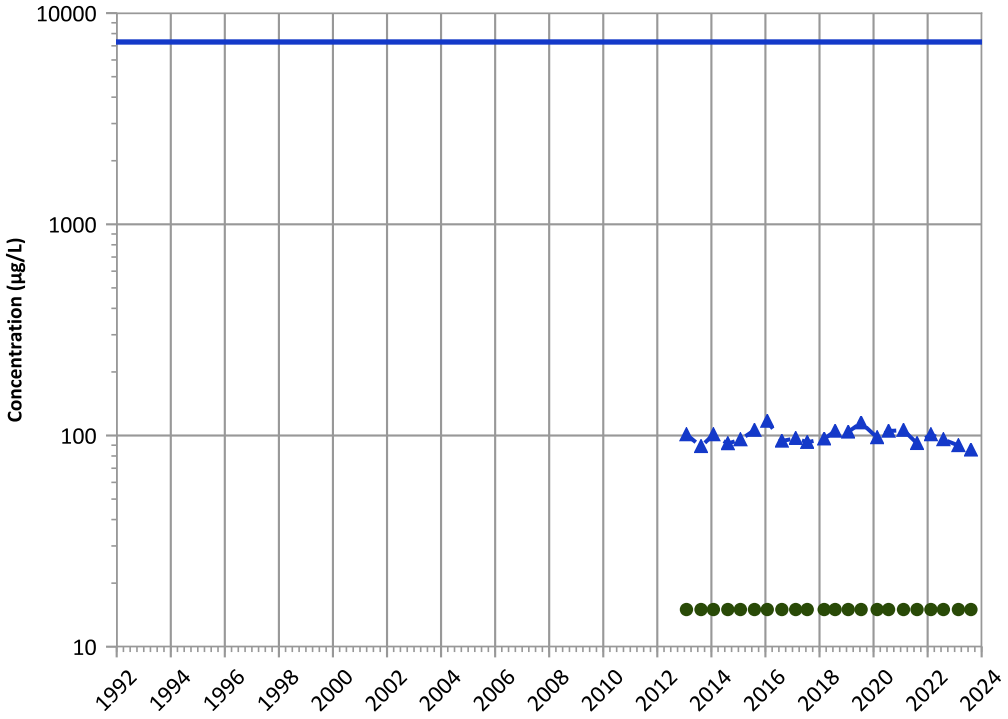


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

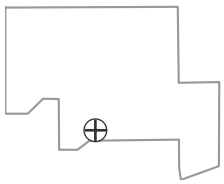
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

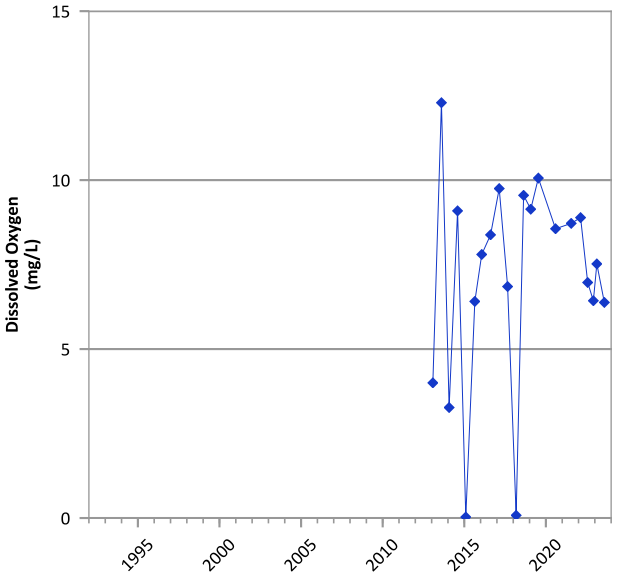
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/29/2013 to 09/27/2023
Analysis Date: 04/01/2024

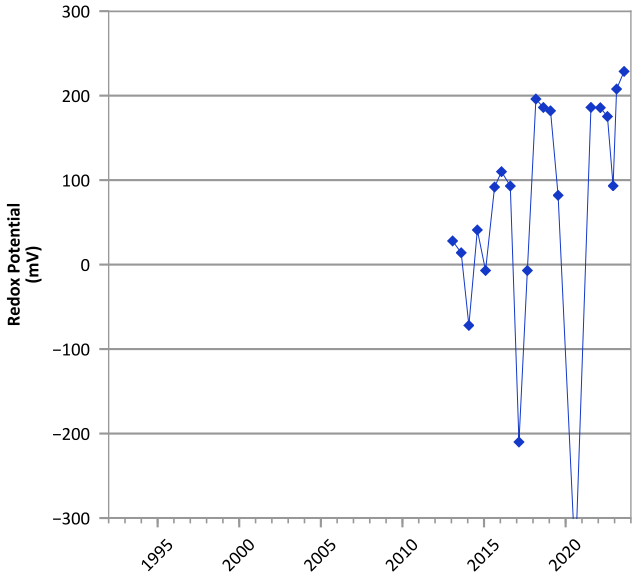
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

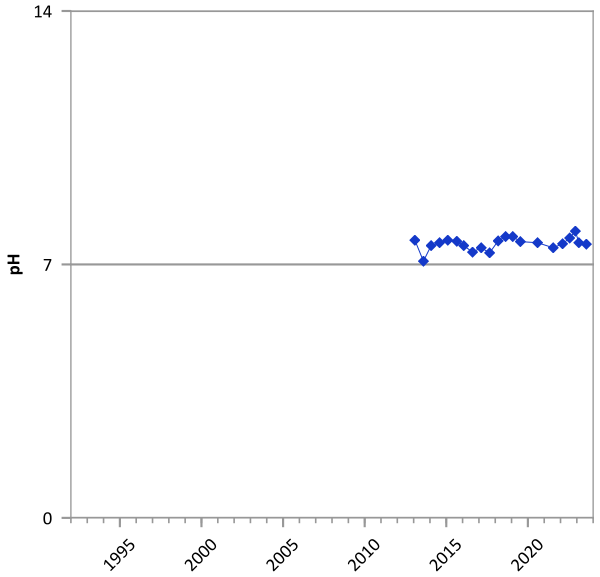
Well Location

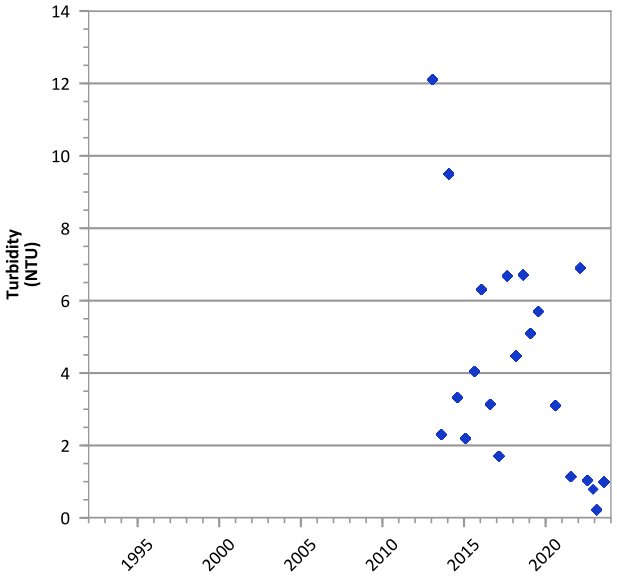


PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

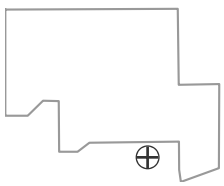






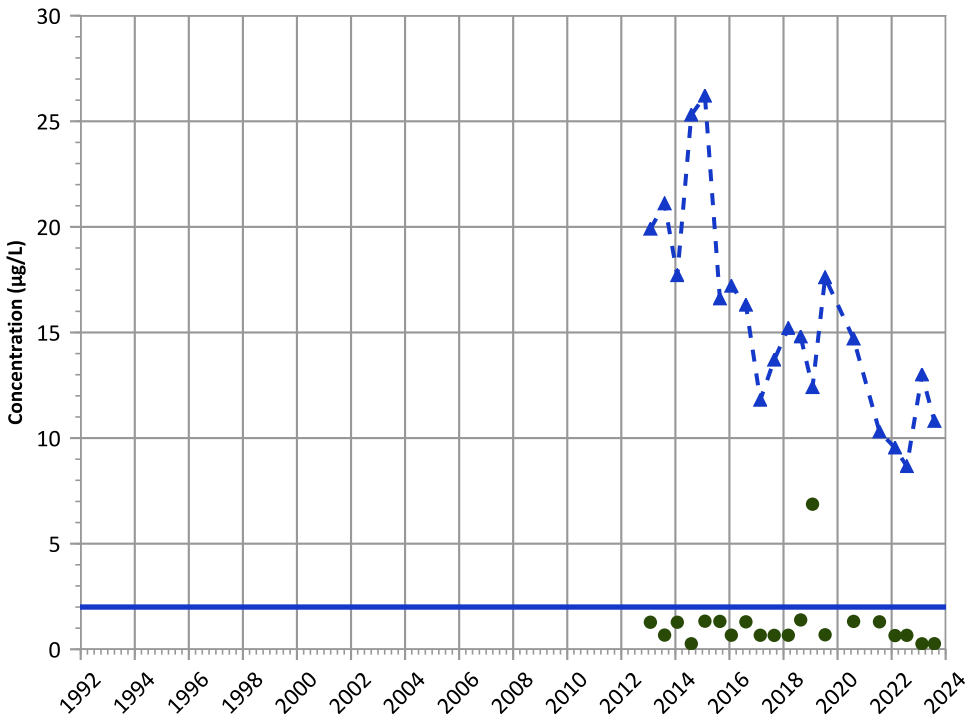


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

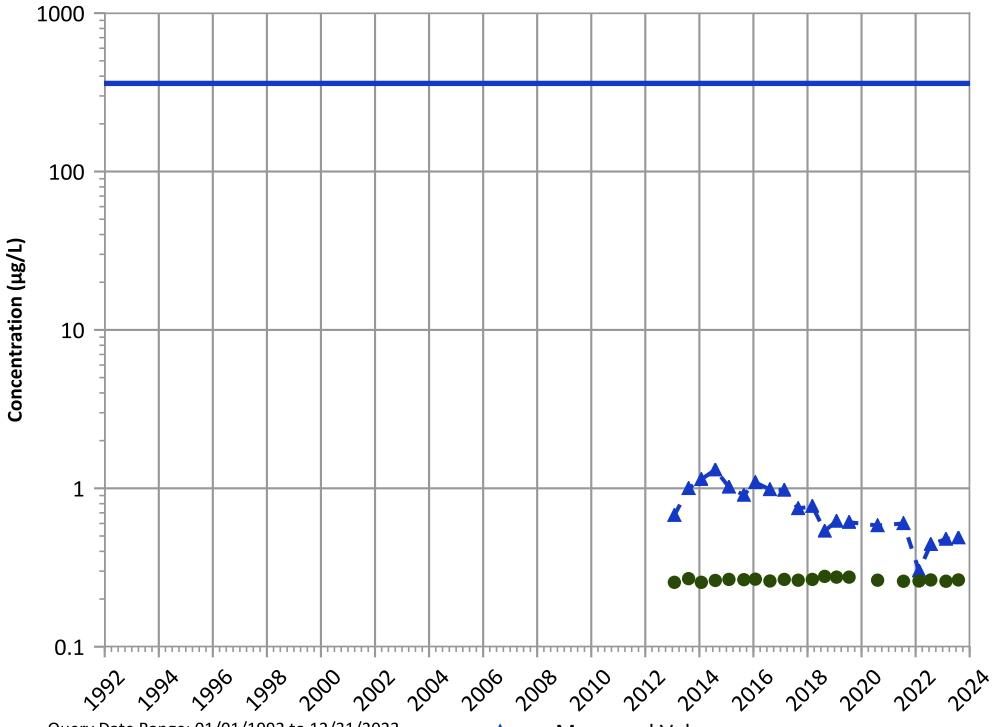


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

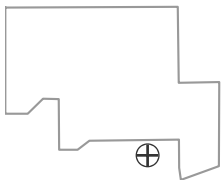
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

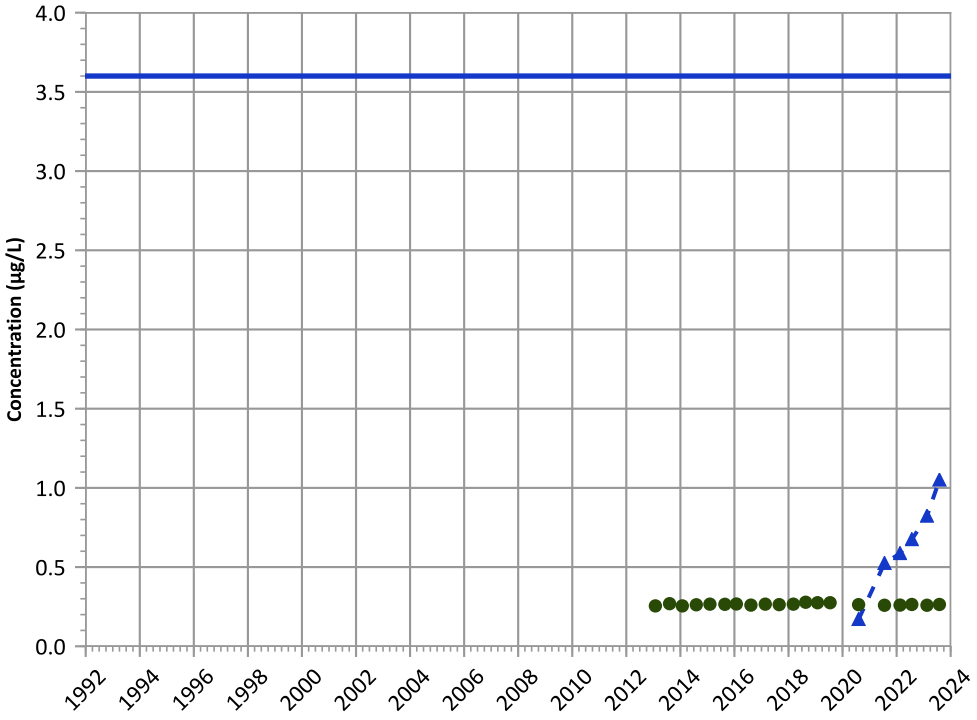
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

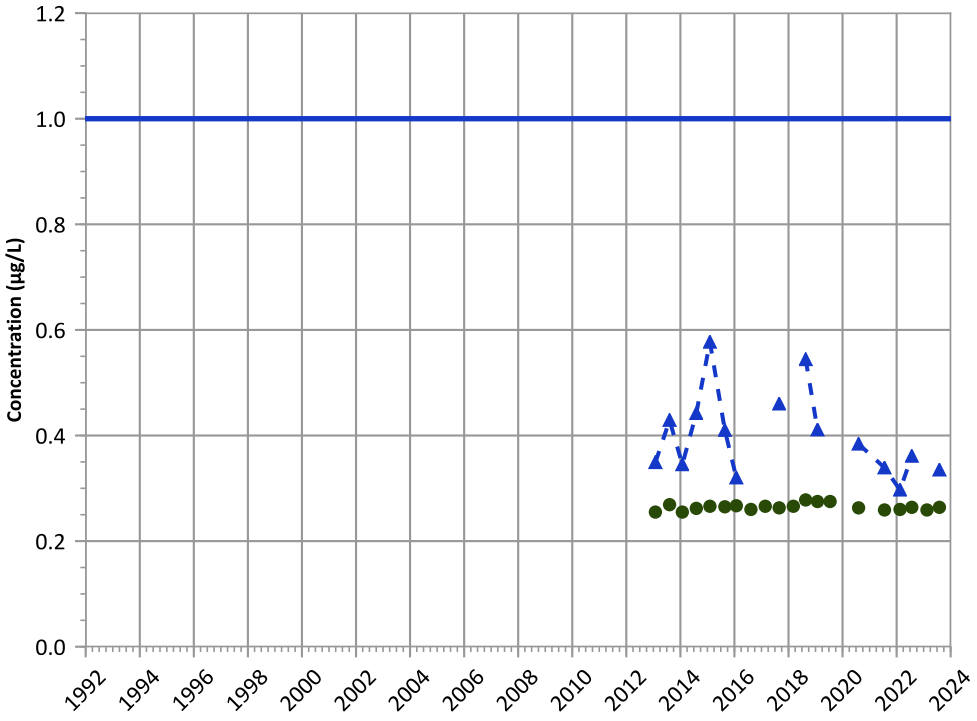


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

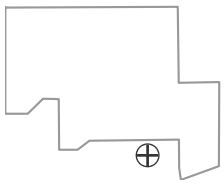
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

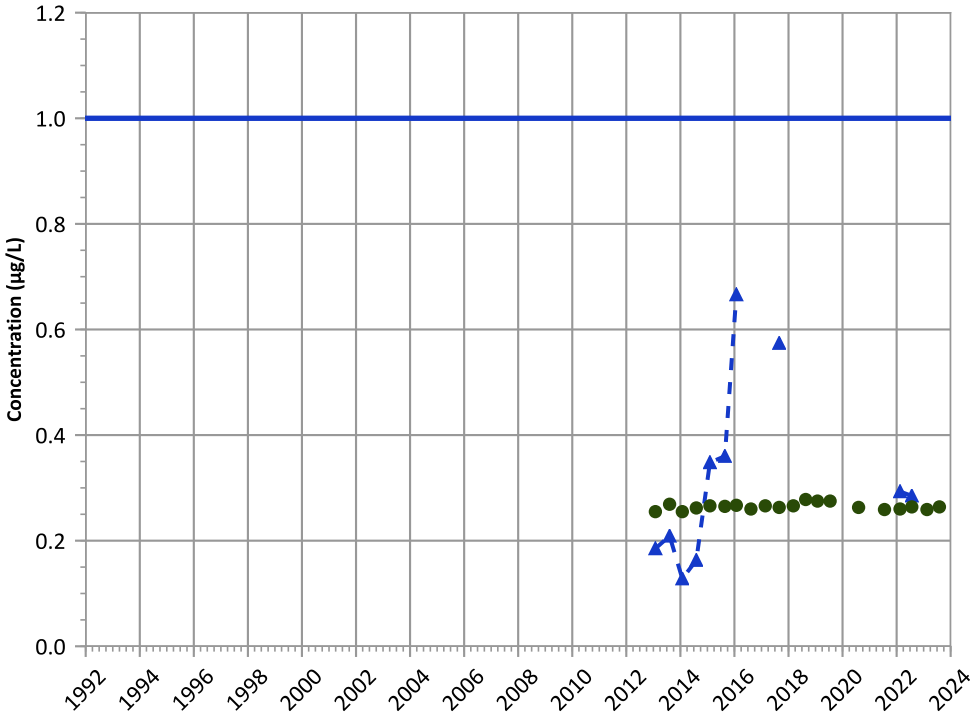
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

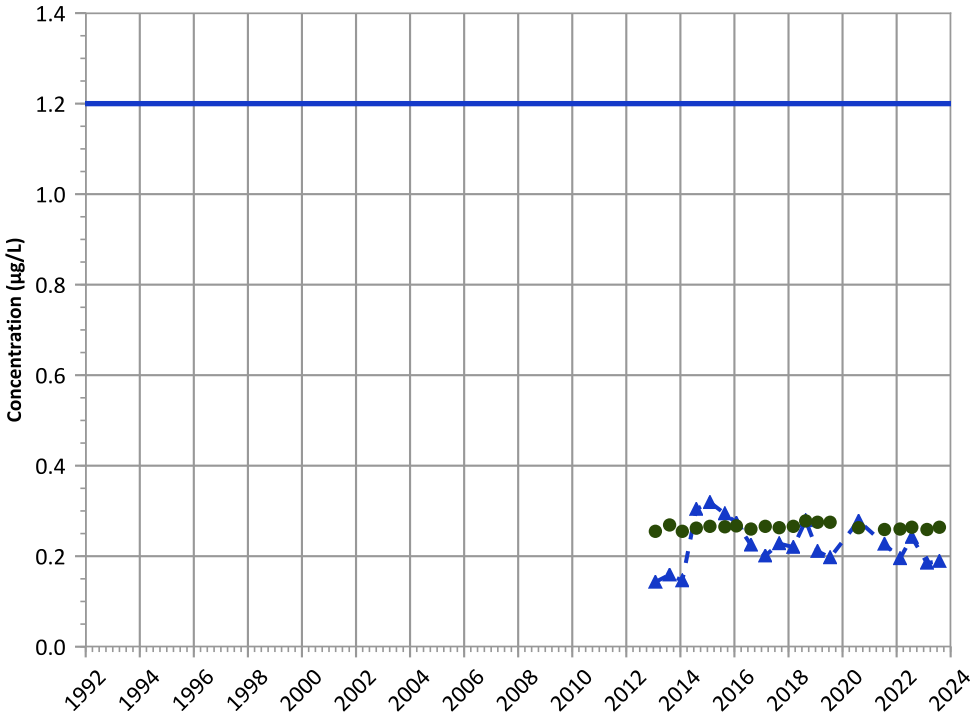


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

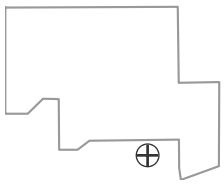
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

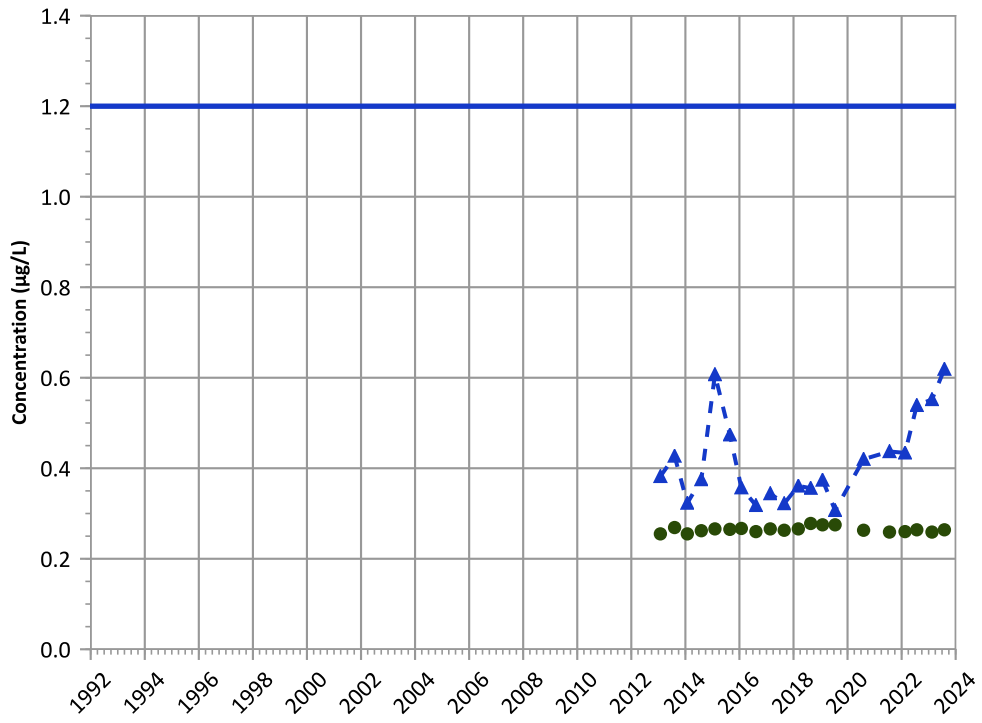
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

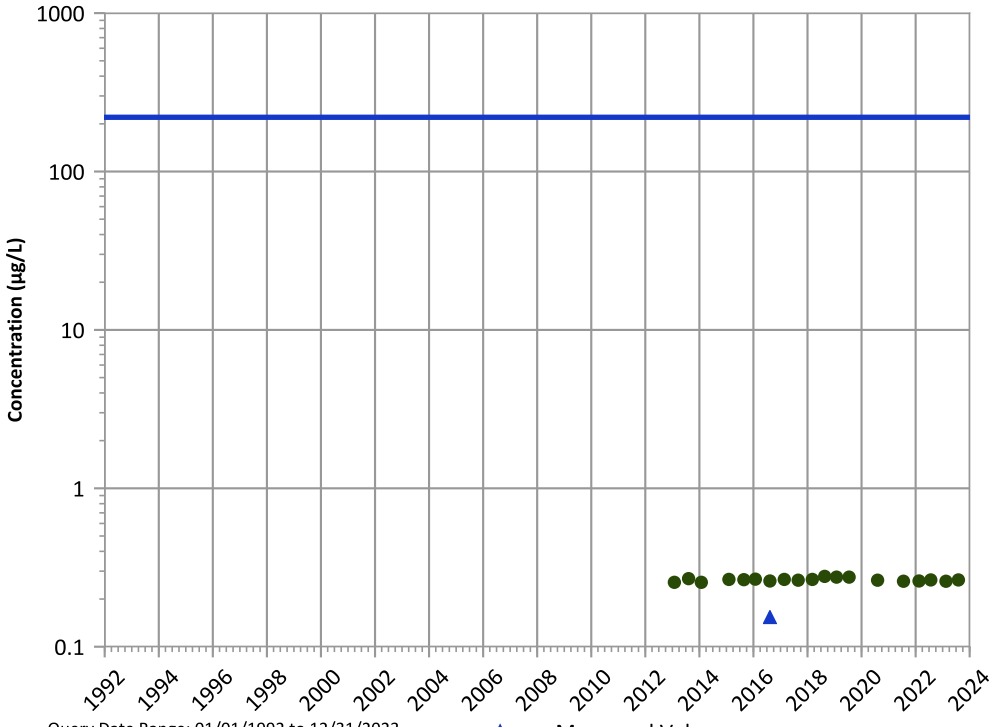


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

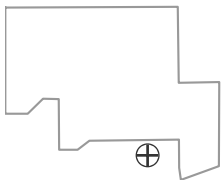
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

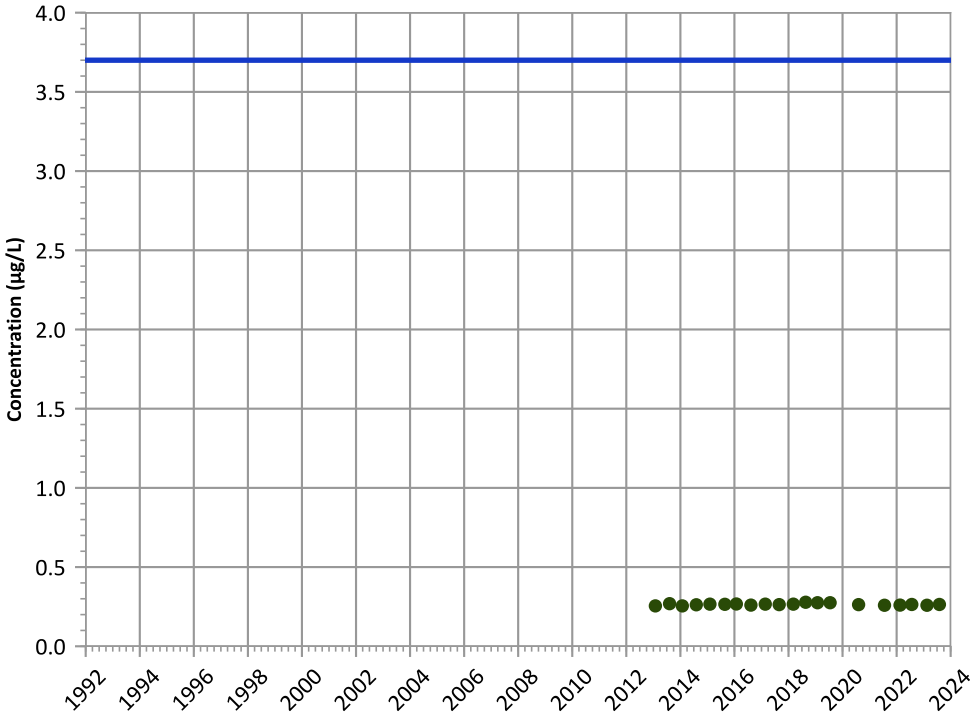
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

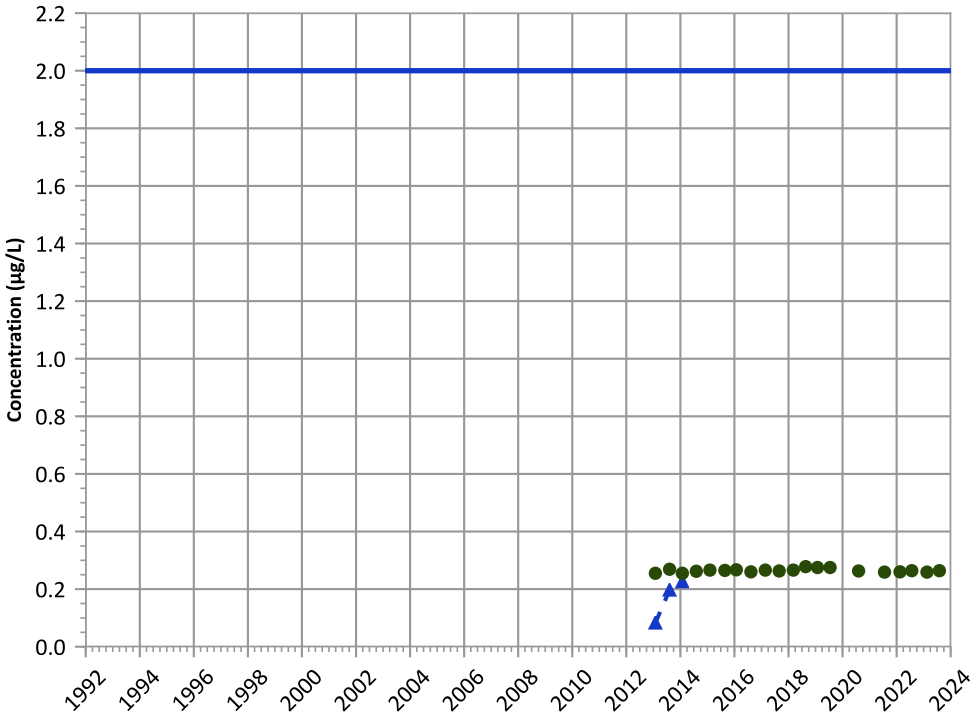


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

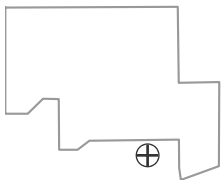
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

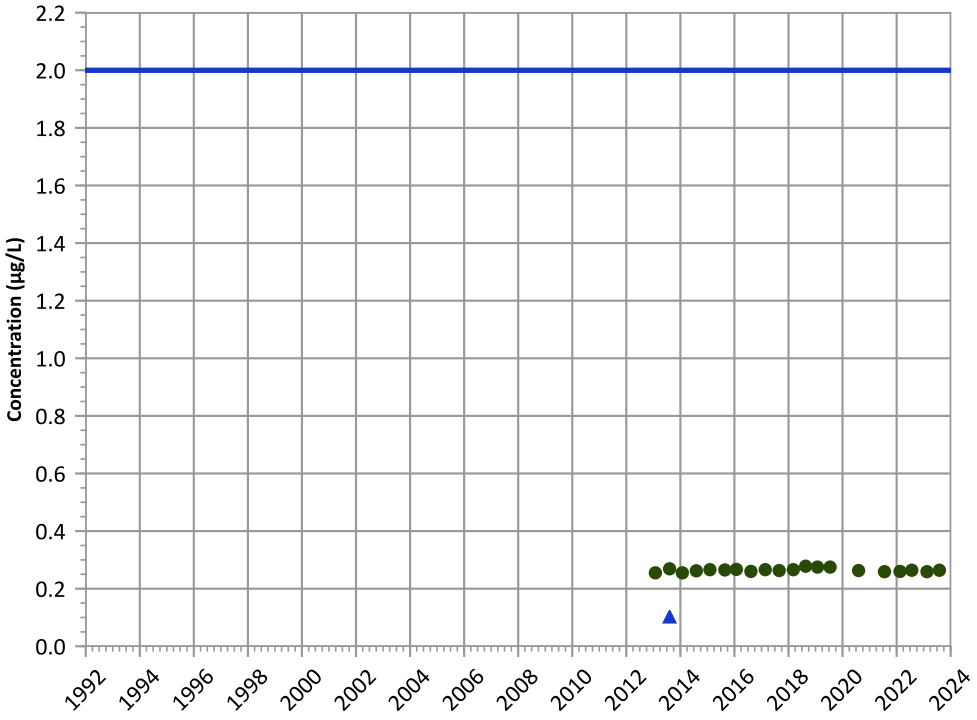
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

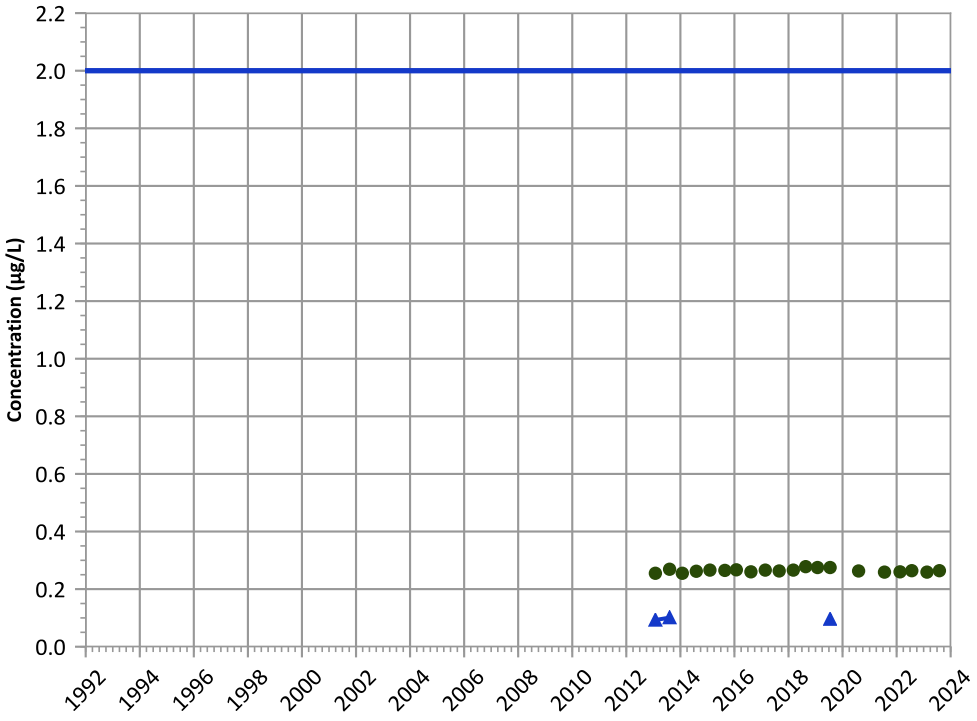


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

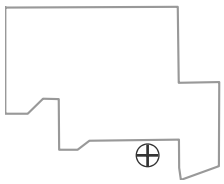
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

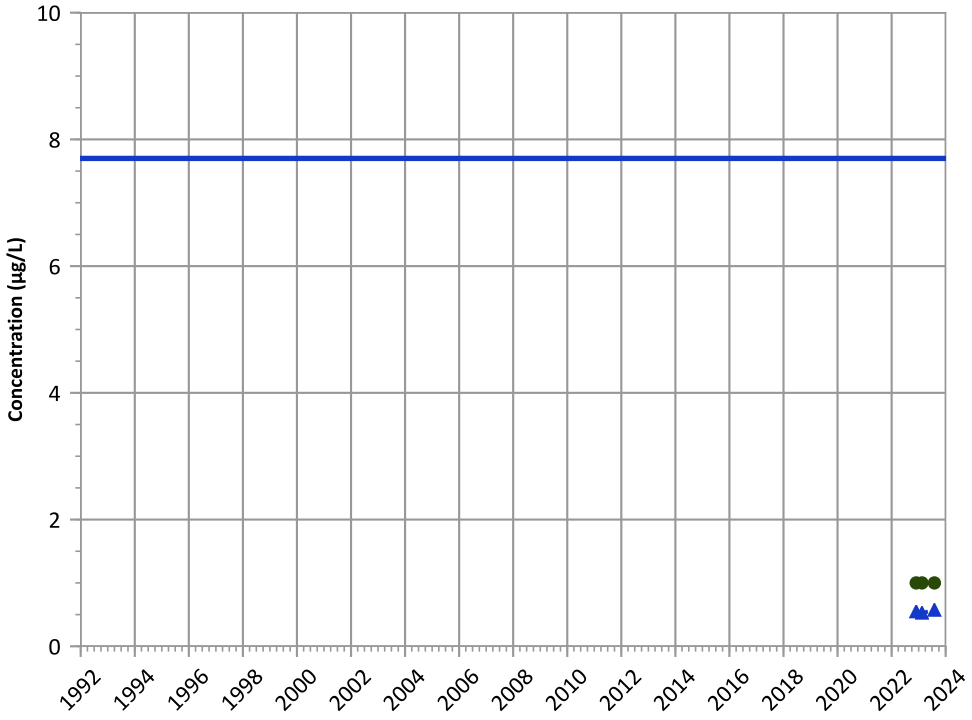
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

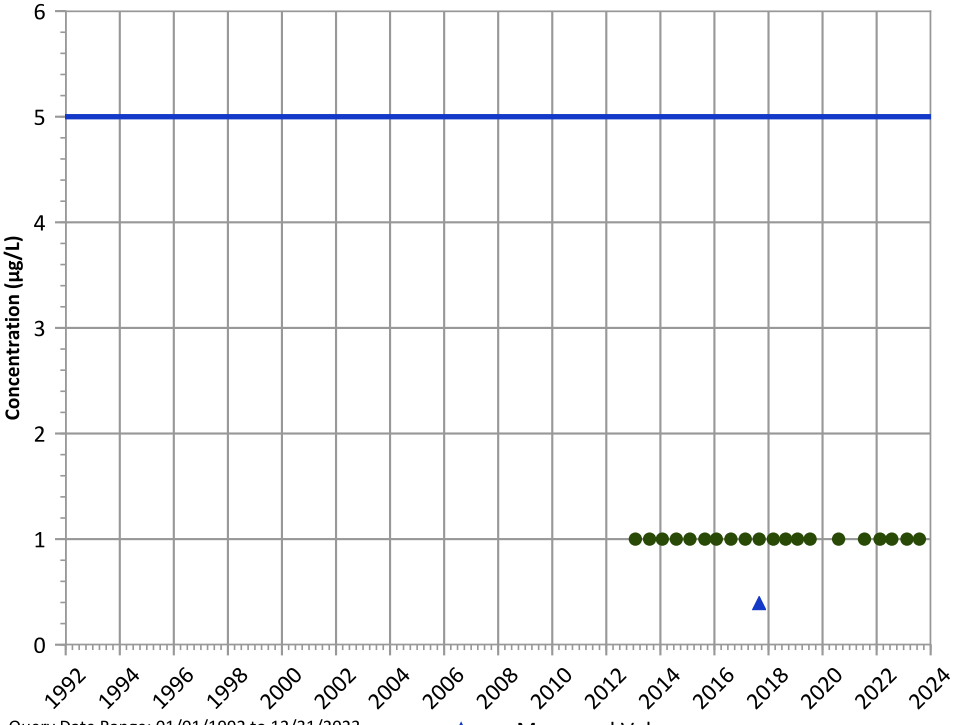


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

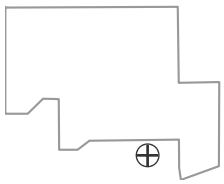
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

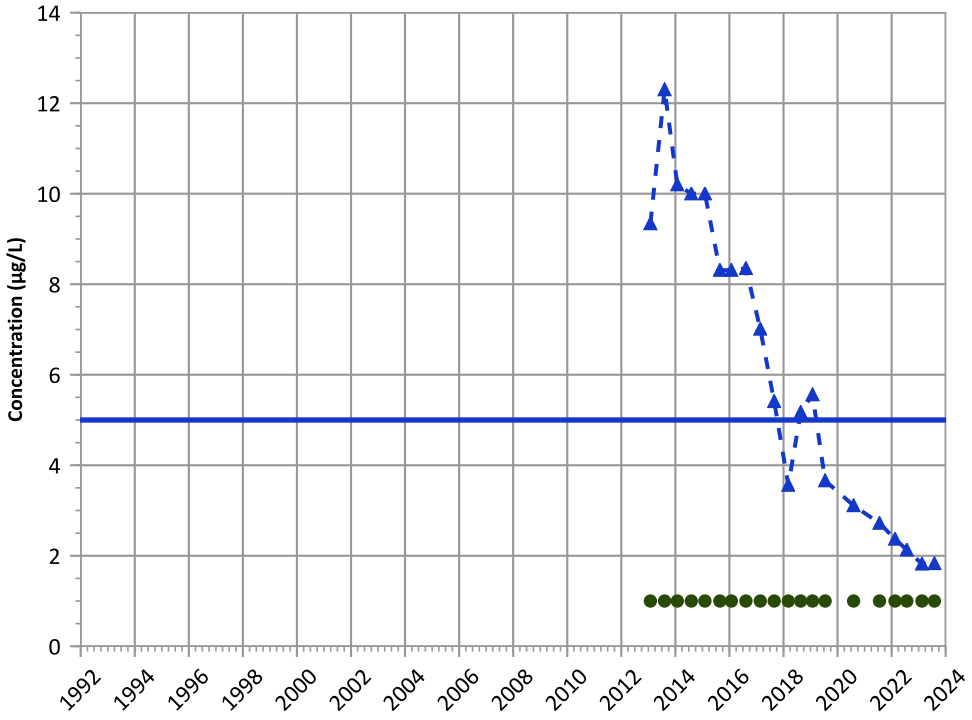
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

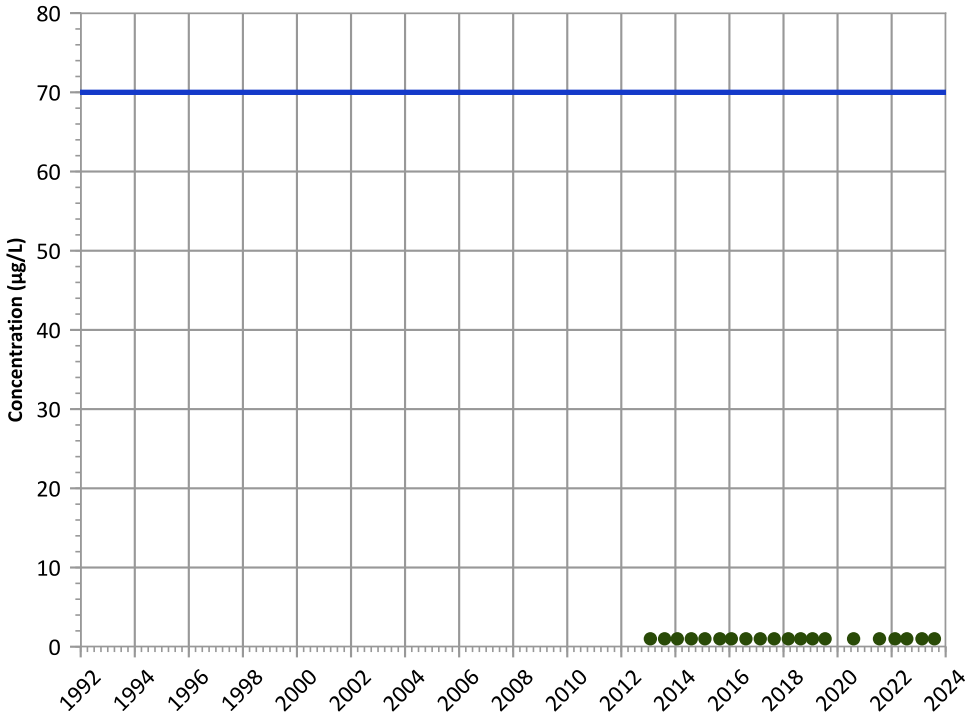


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

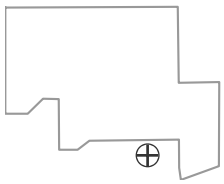
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

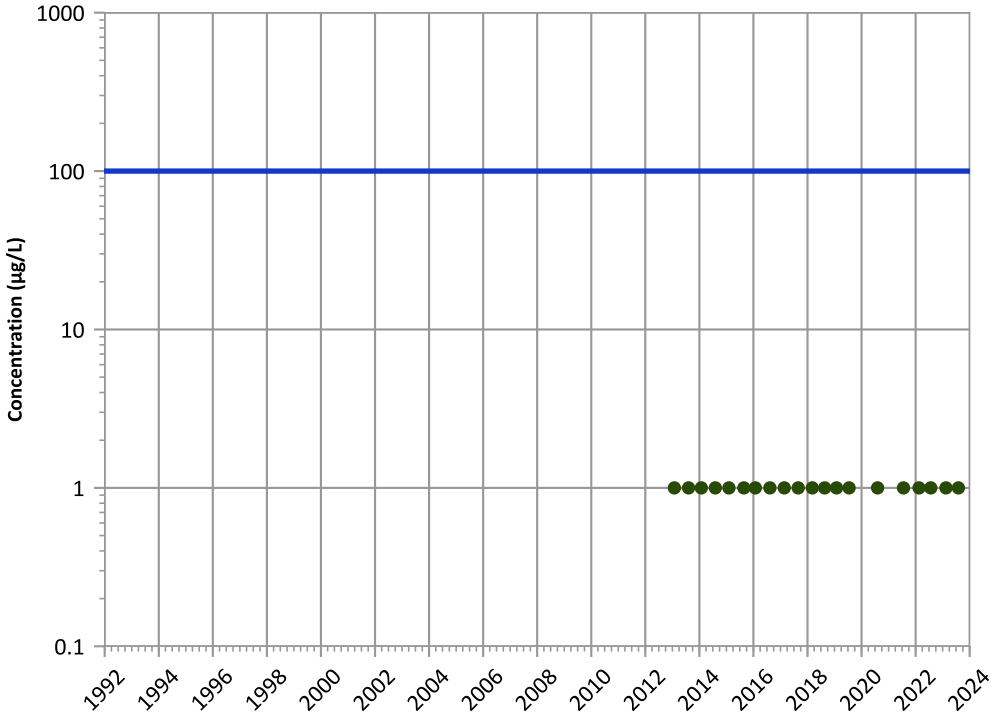
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

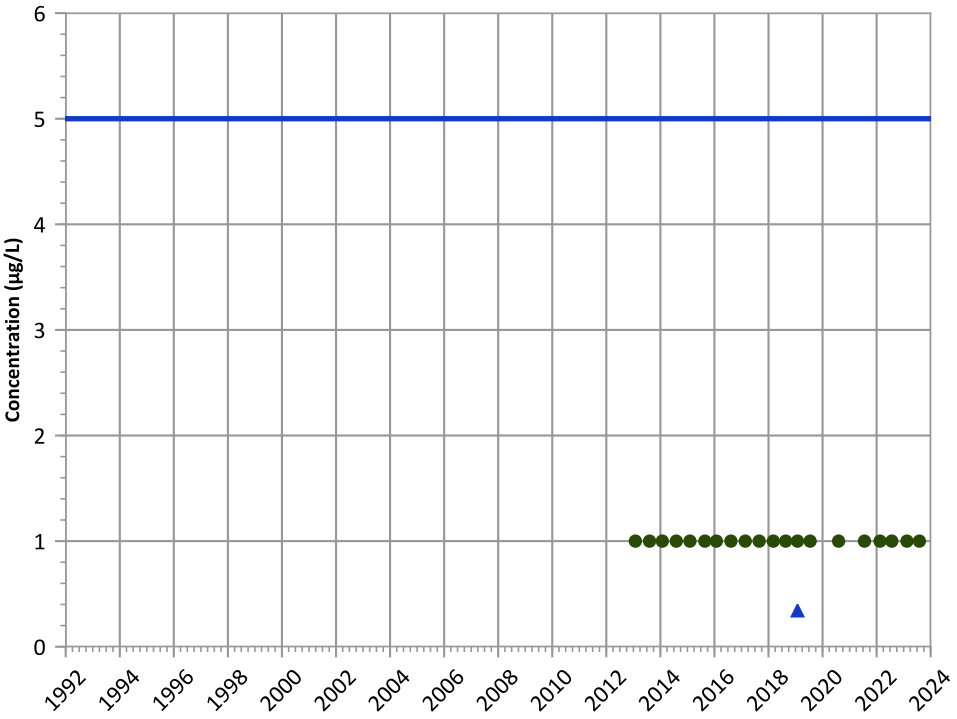


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

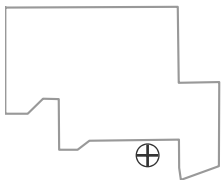
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

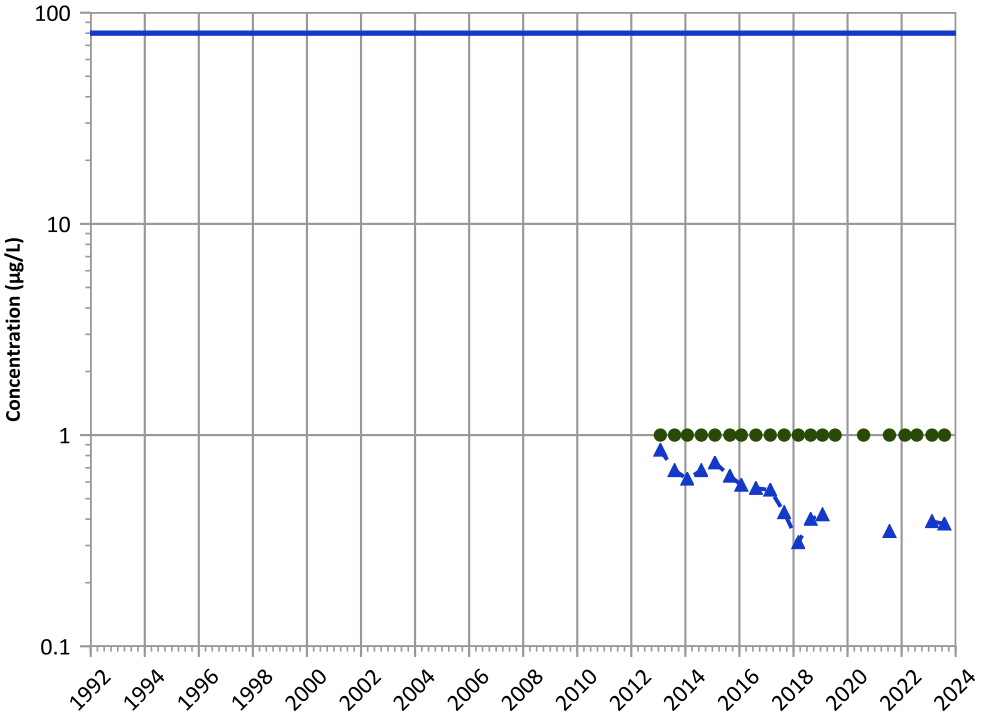
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

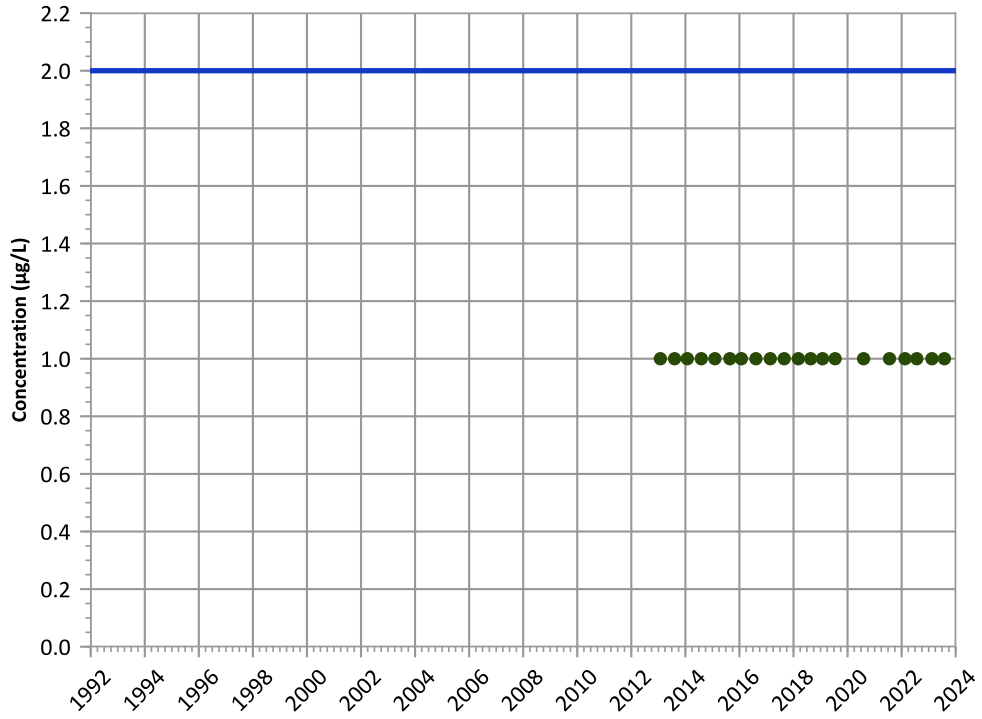


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

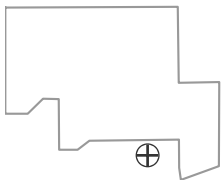
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

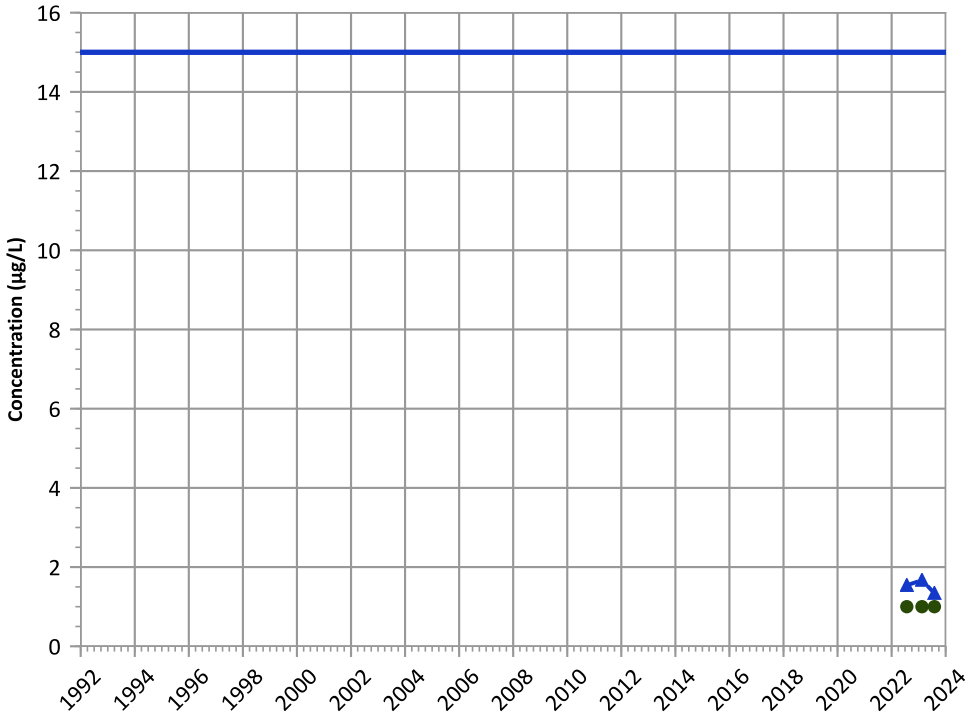
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

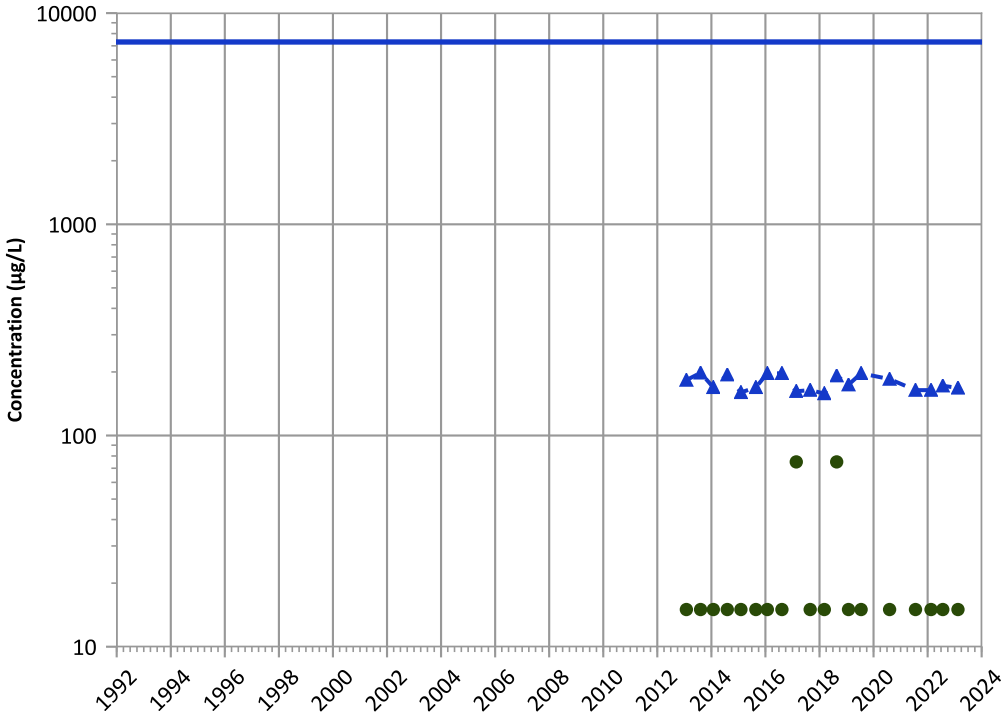


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

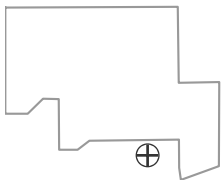
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

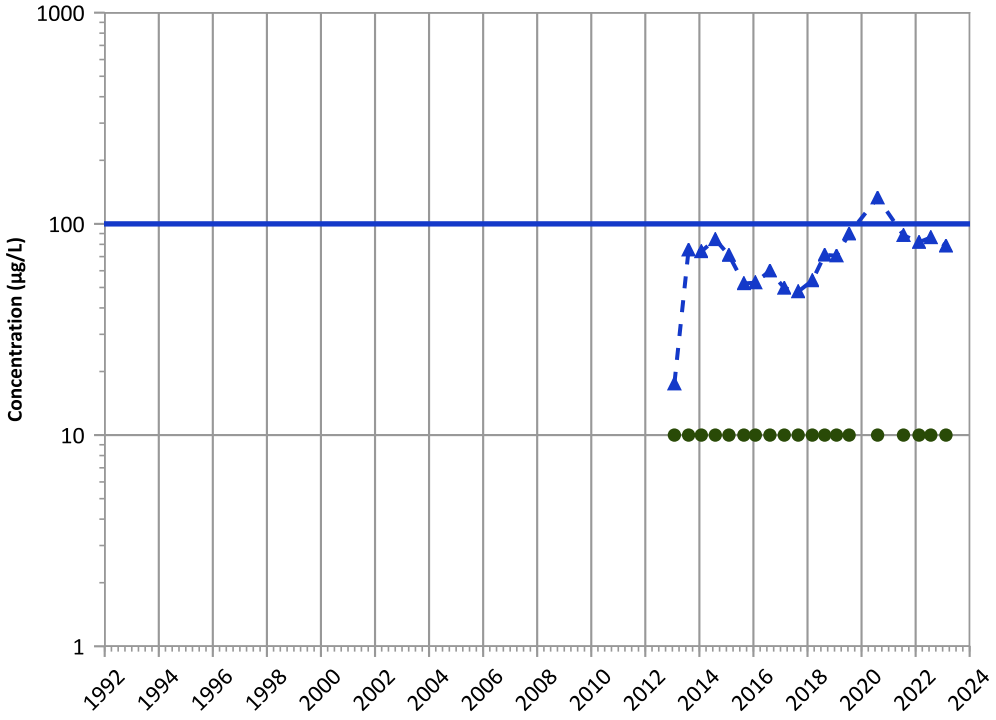
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

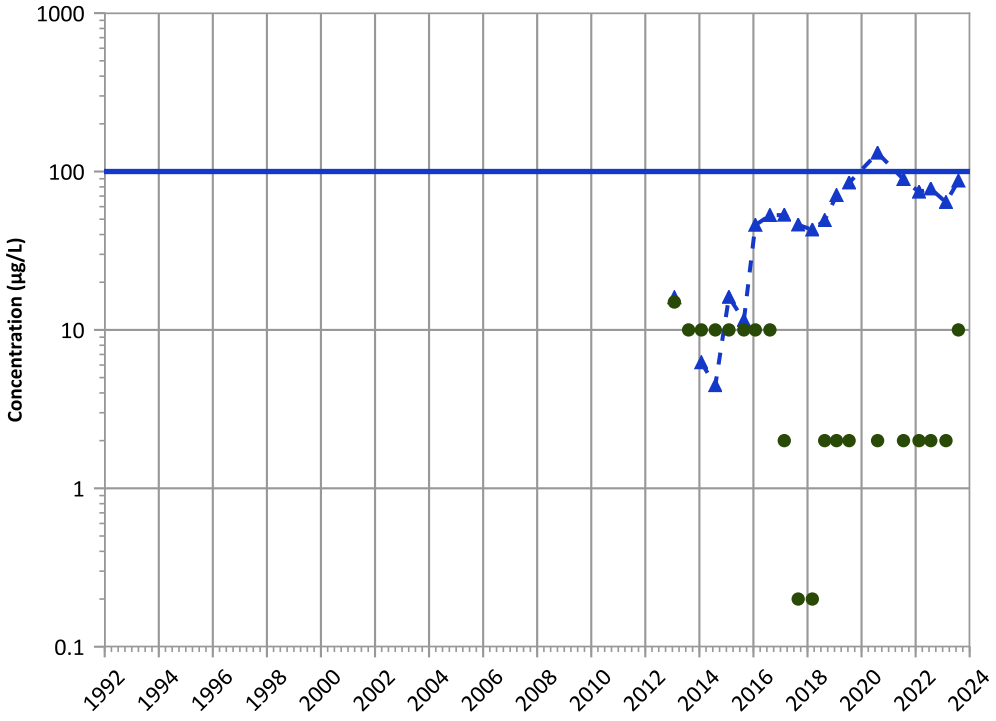


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

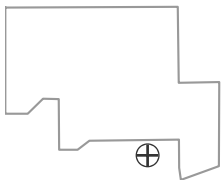
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

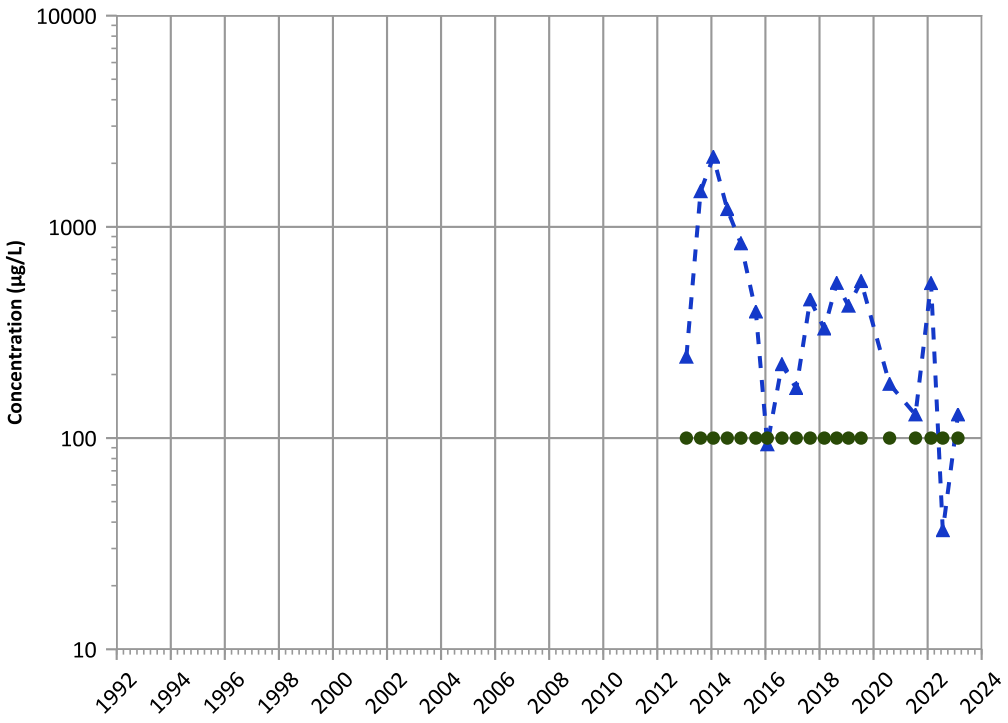
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

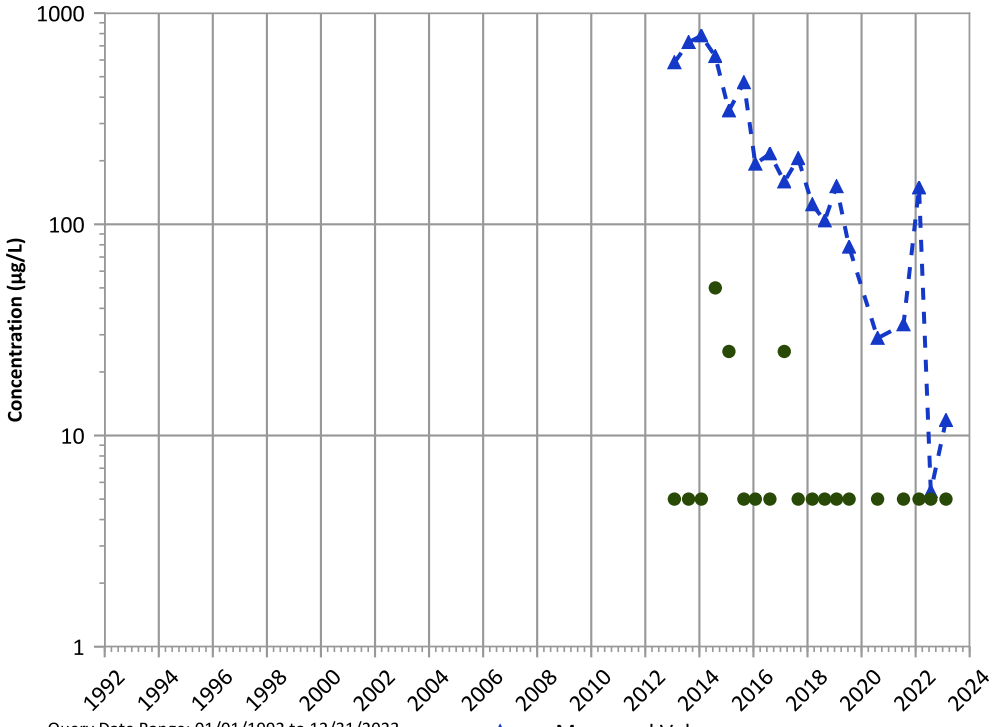


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

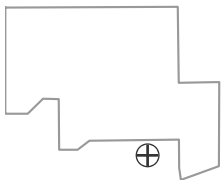
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

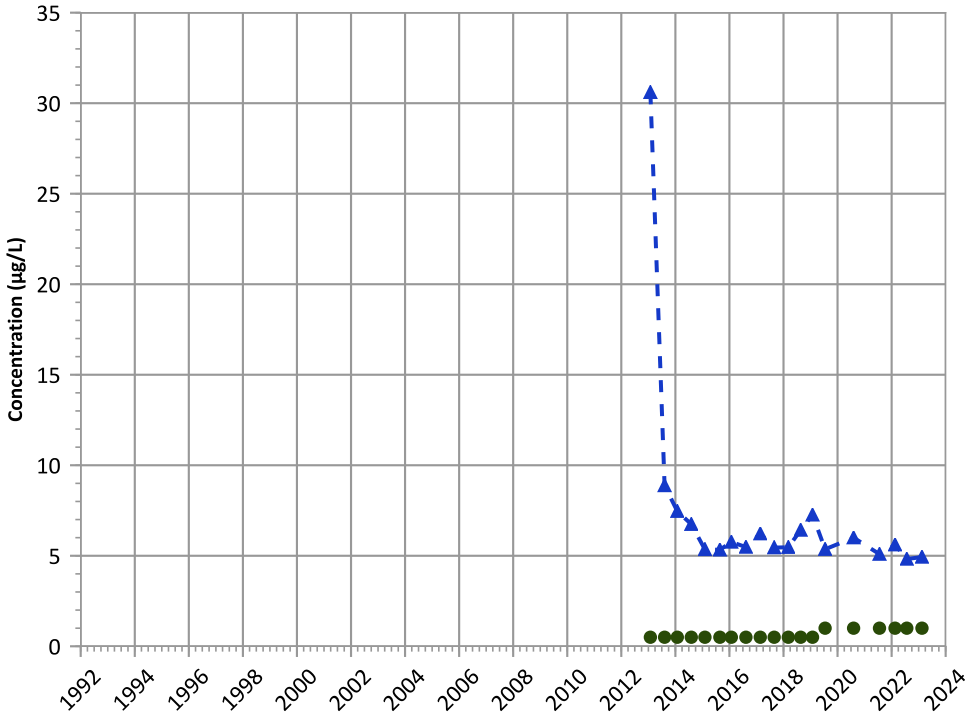
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

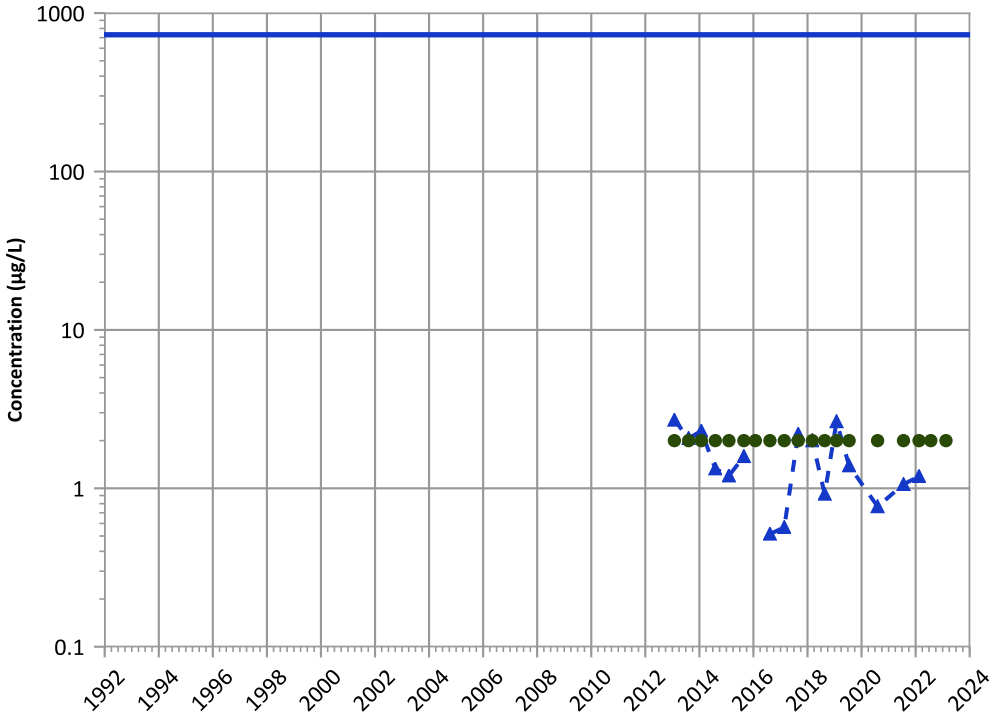


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

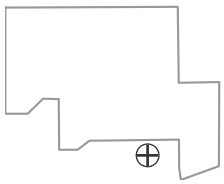
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

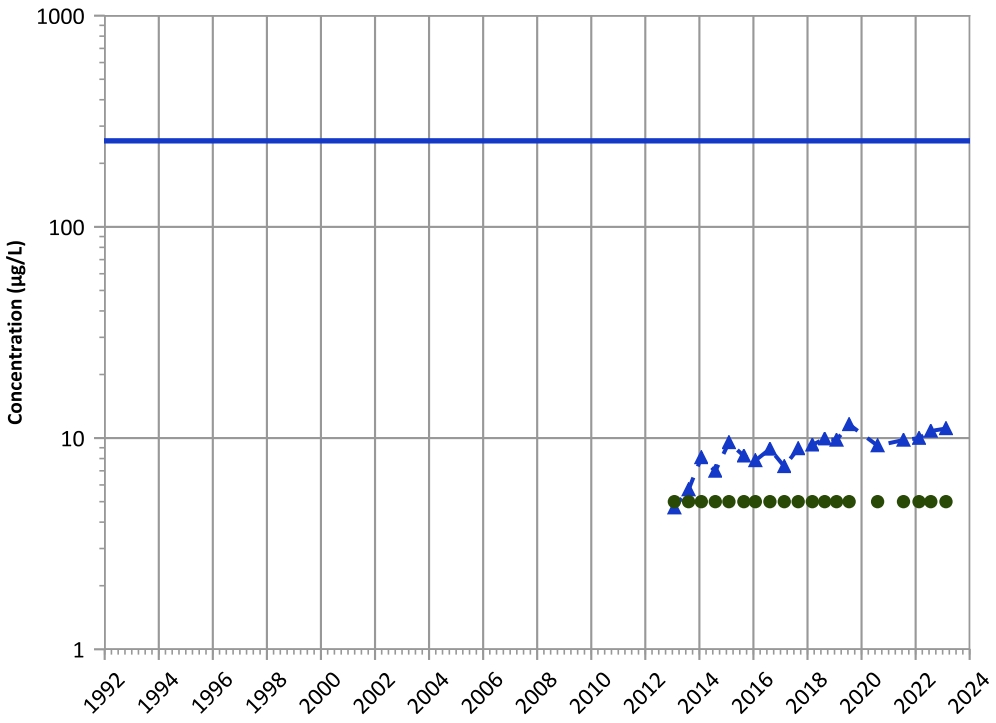
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

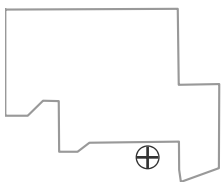
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

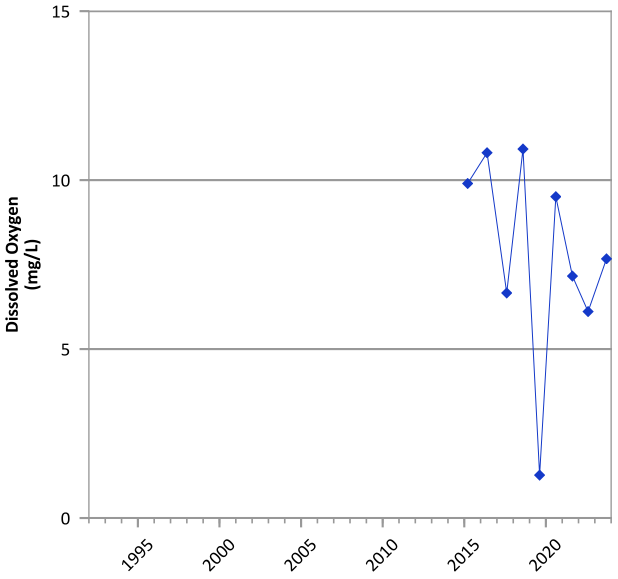
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2013 to 08/02/2023
Analysis Date: 04/01/2024

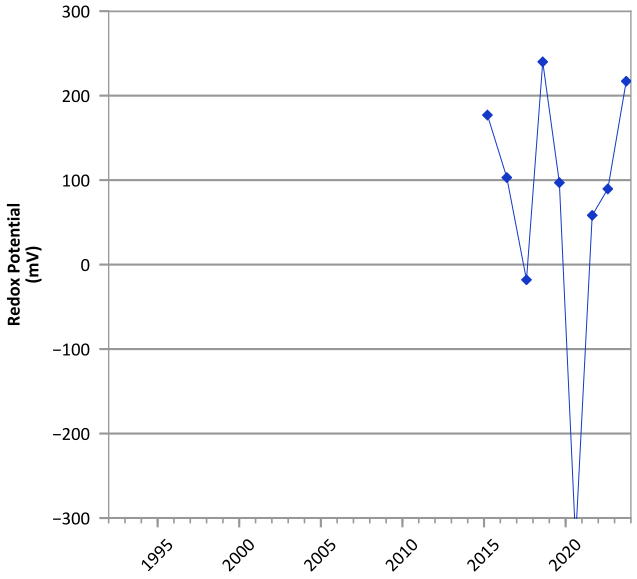
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

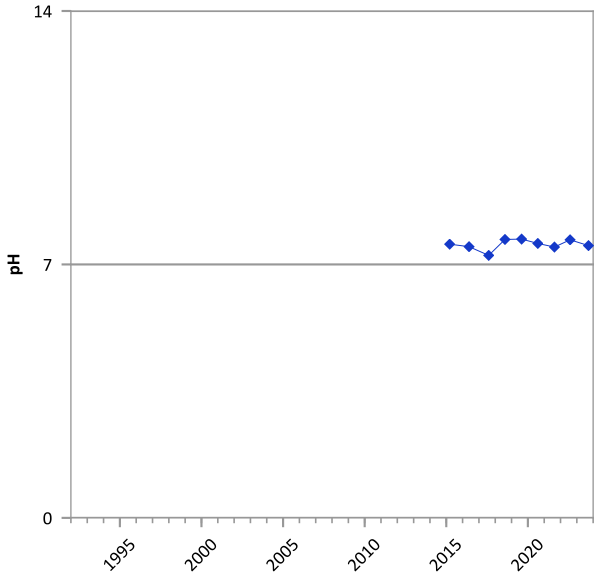
Well Location

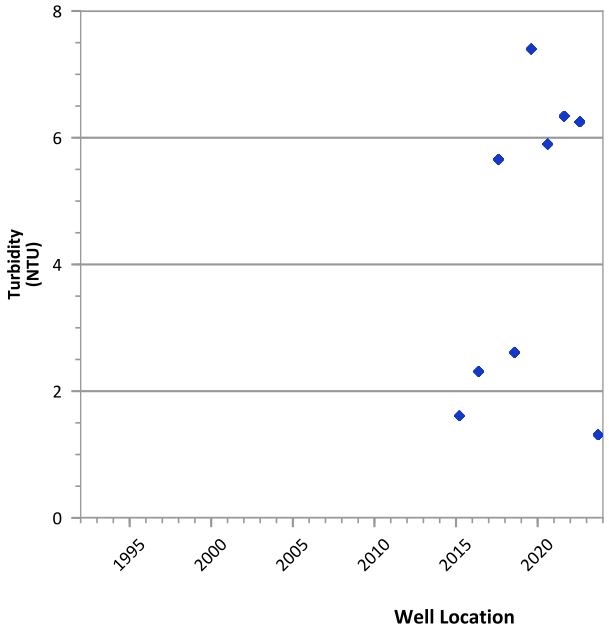


PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

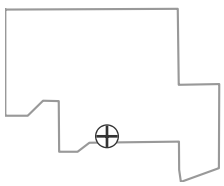






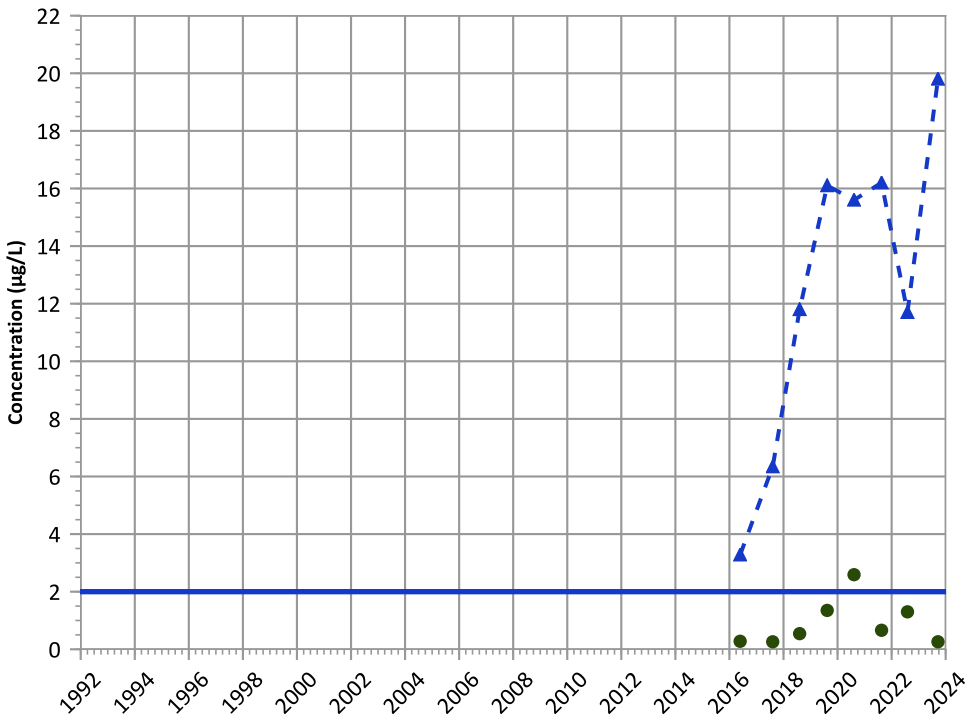


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

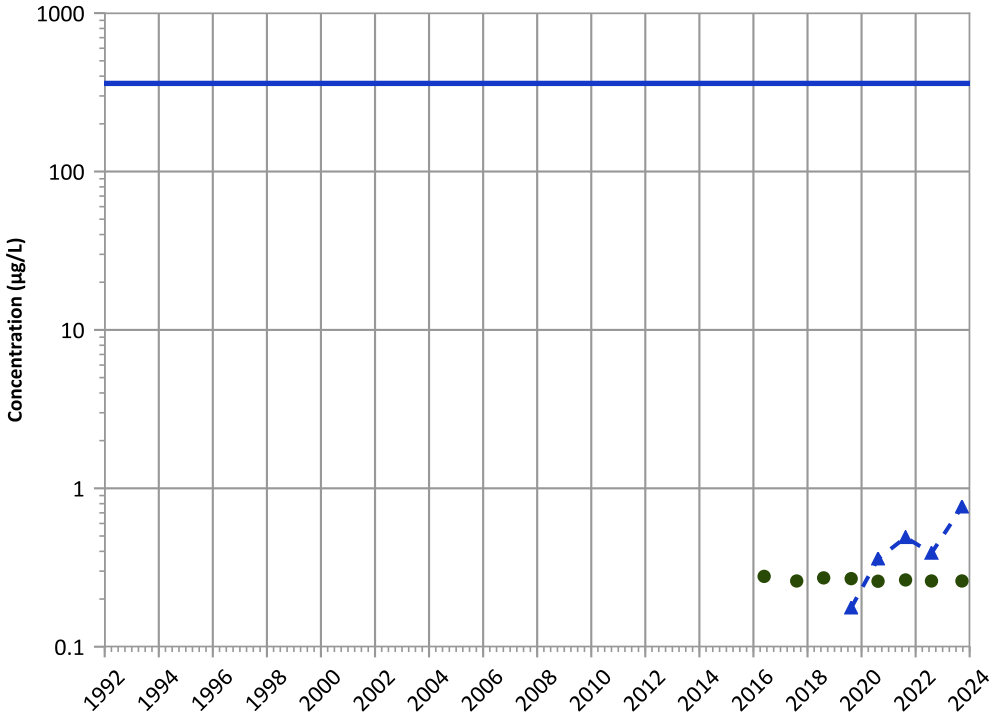


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

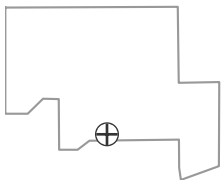
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

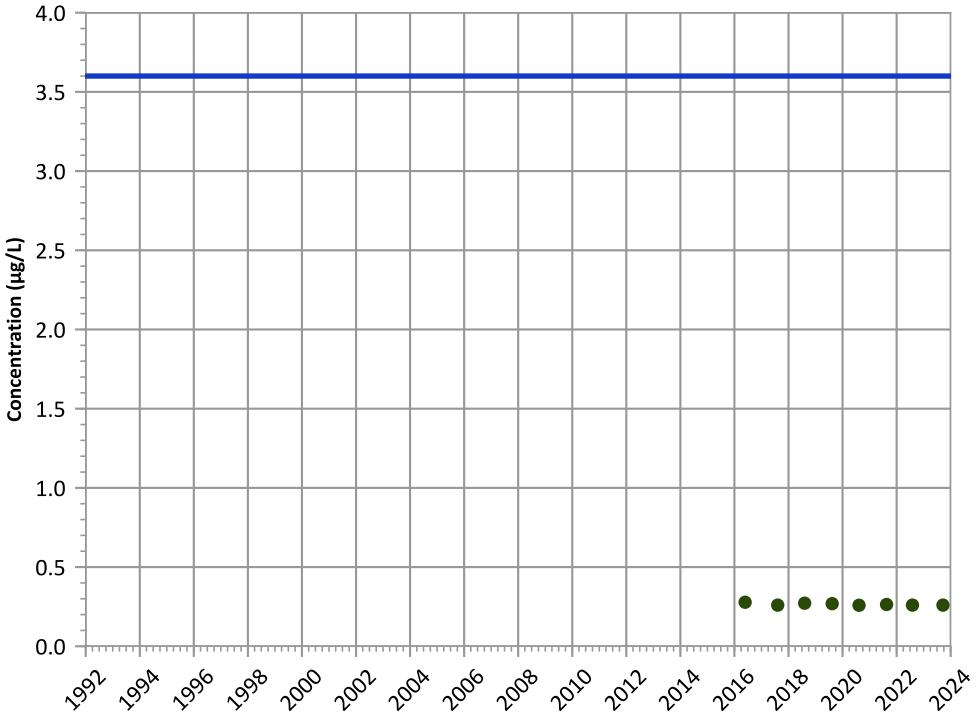
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

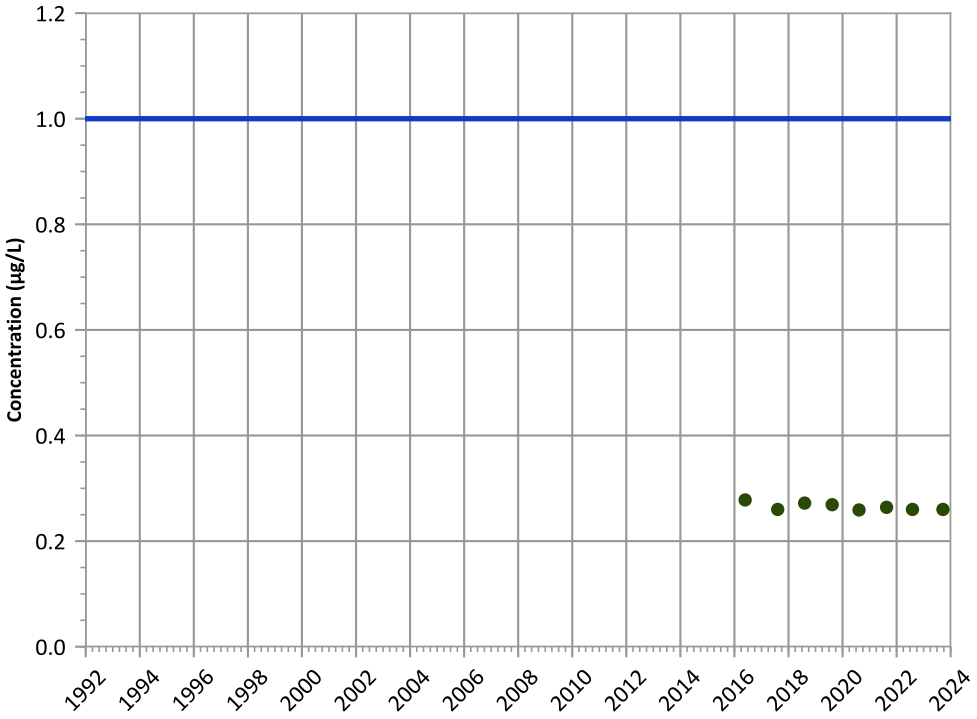


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

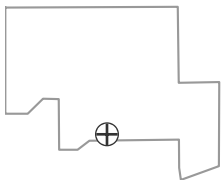
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

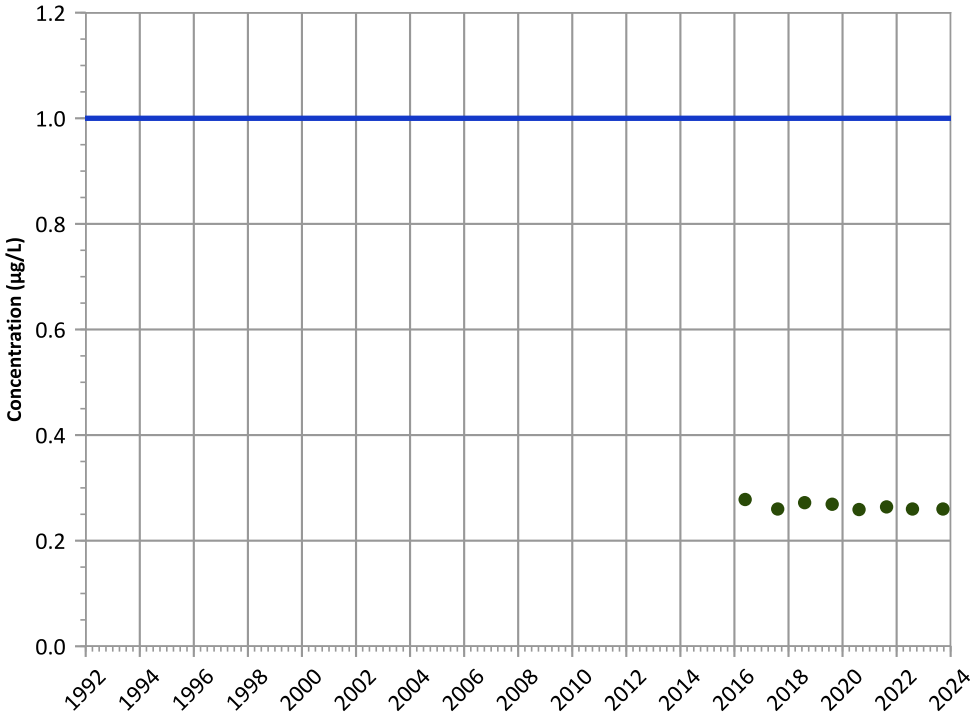
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

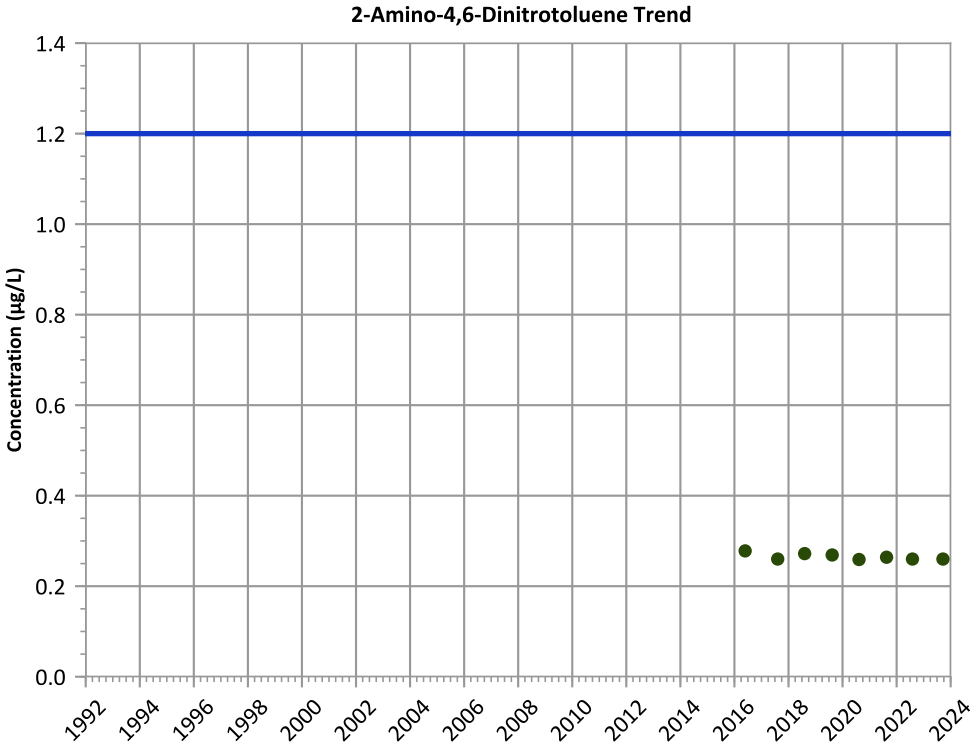


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

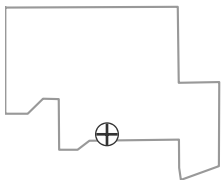
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

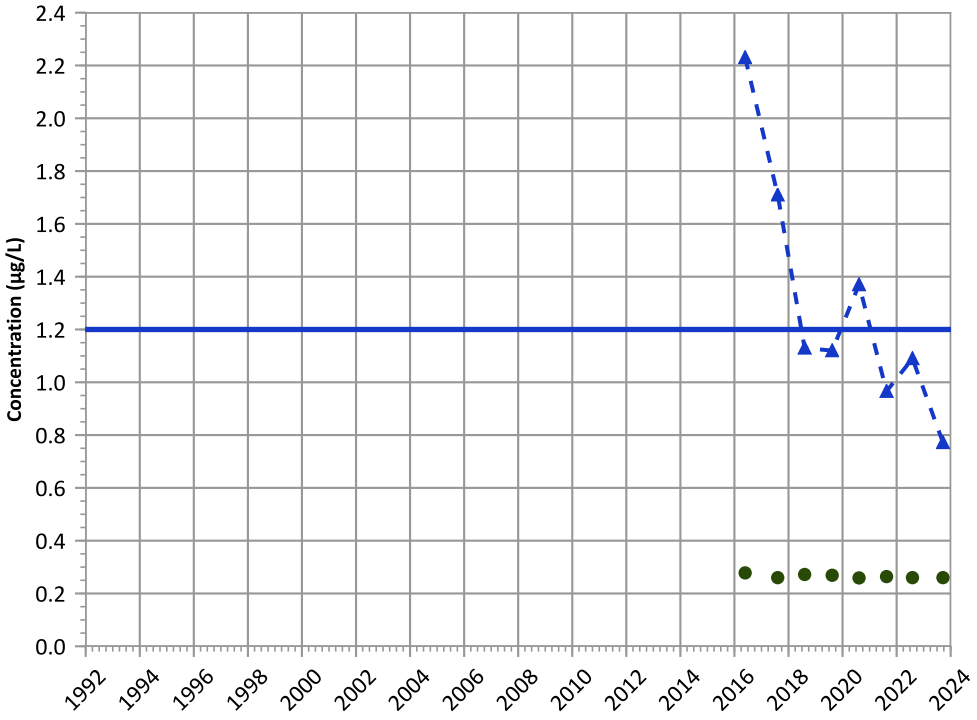
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

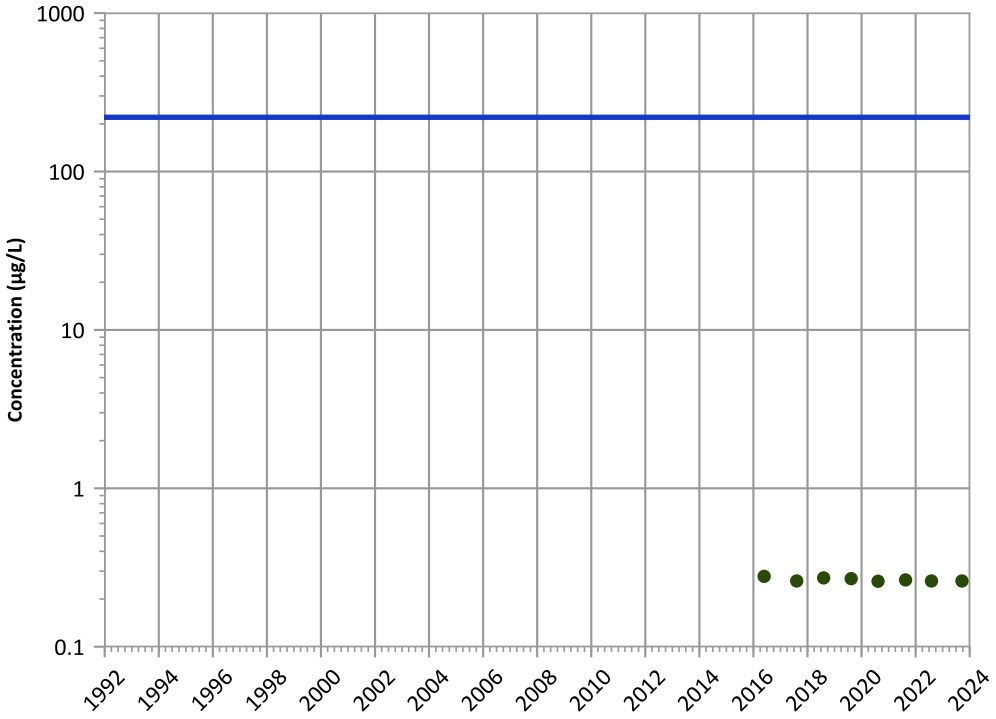


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

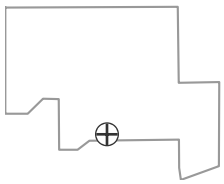
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

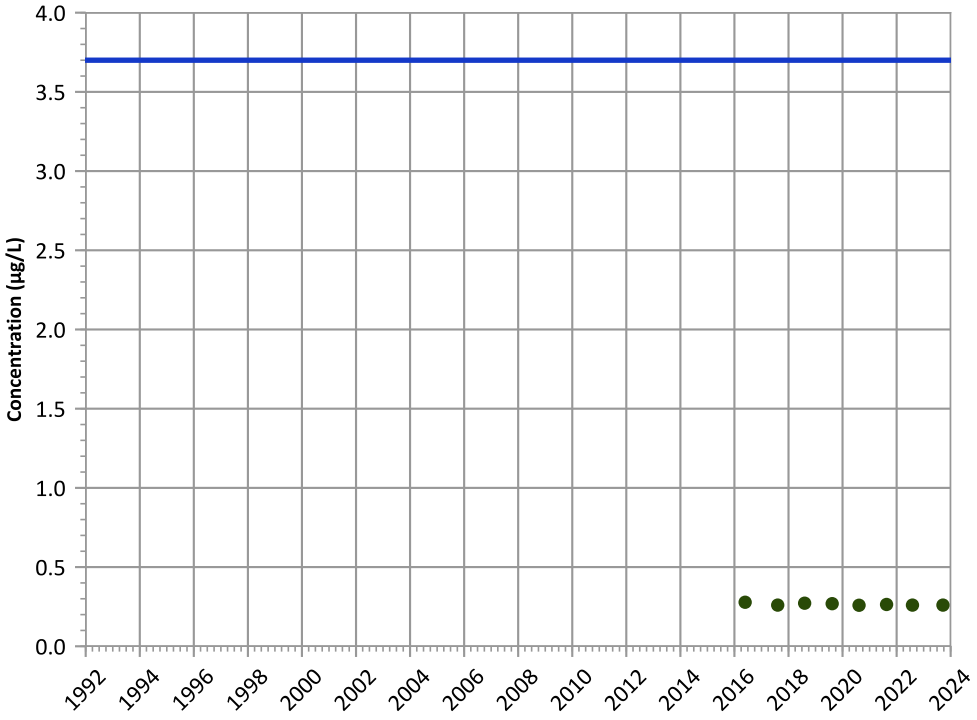
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

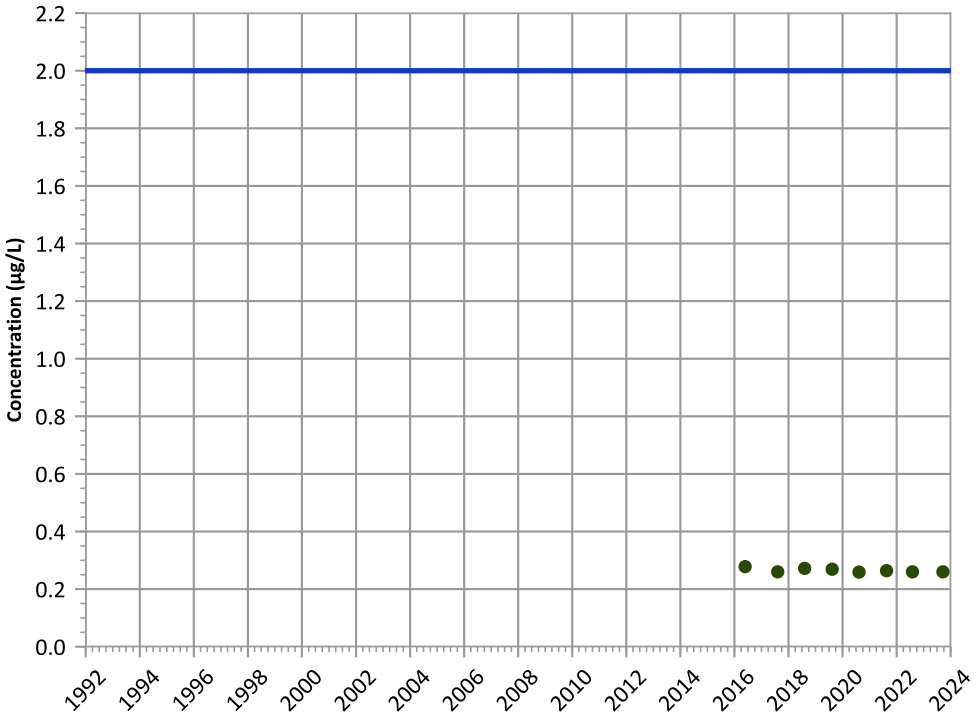


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

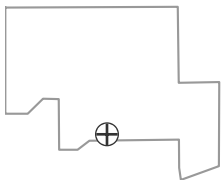
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

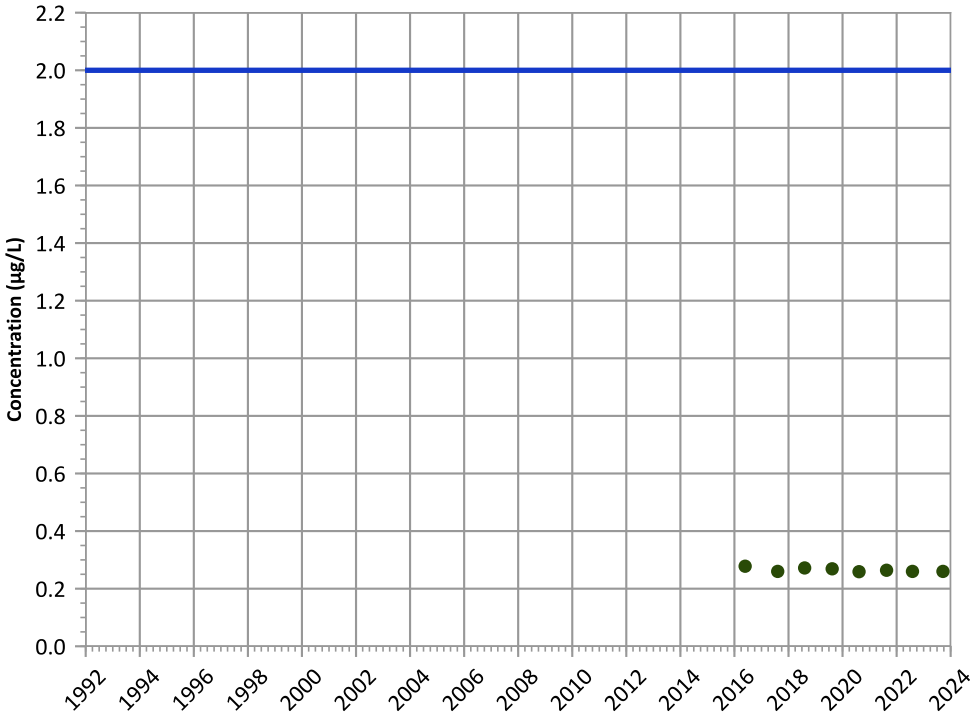
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

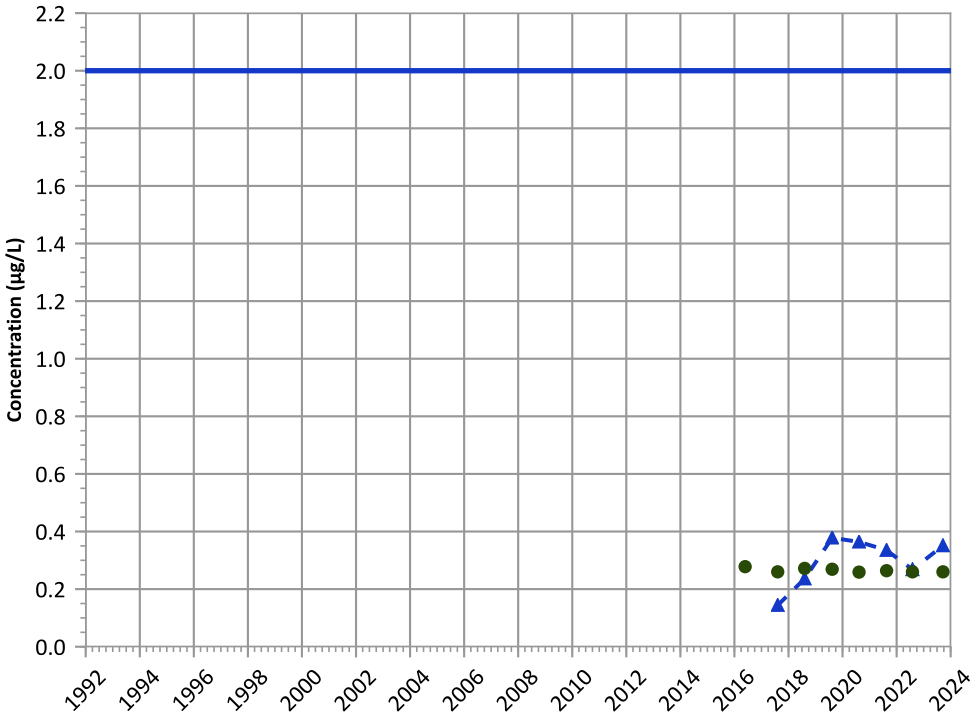


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

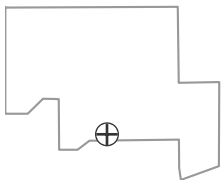
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

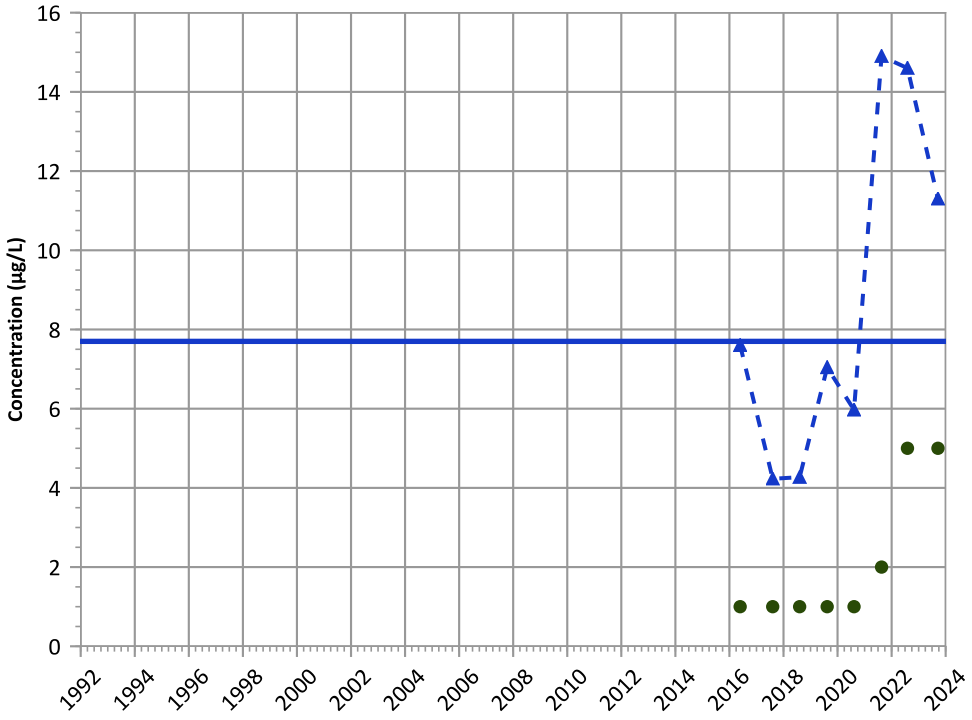
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

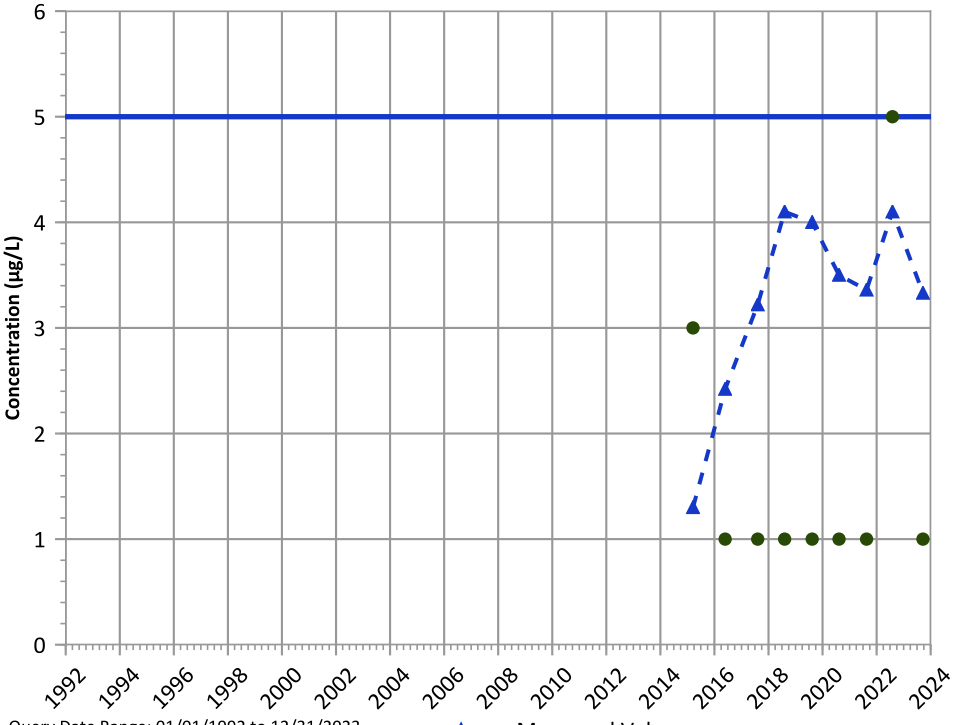


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

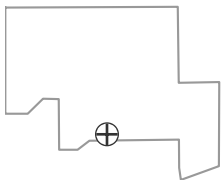
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

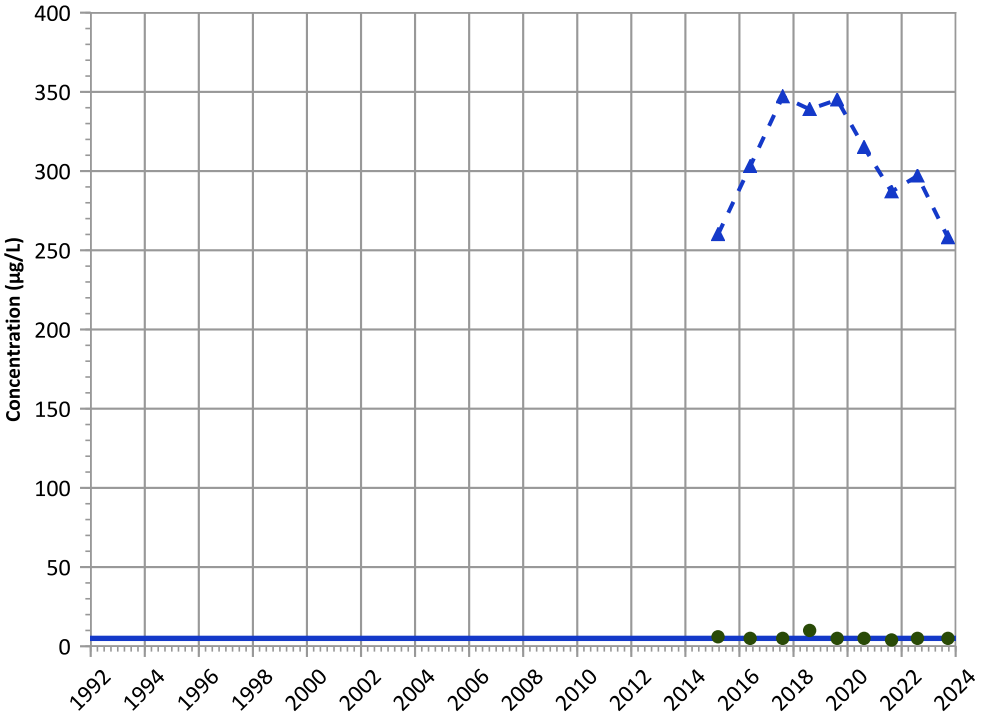
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

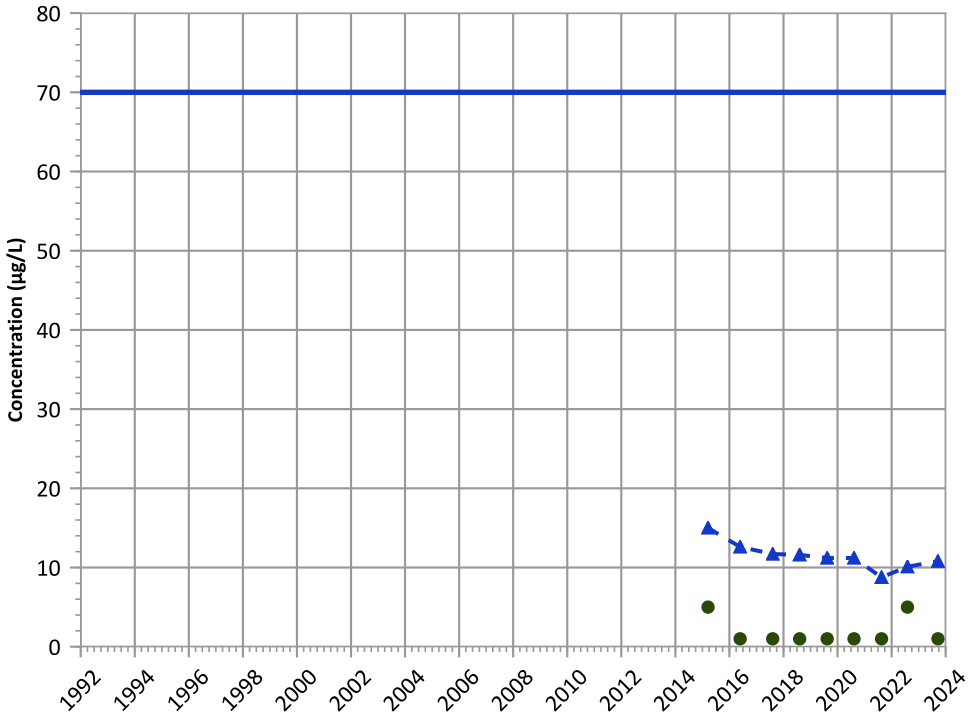


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

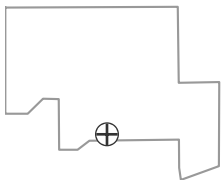
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

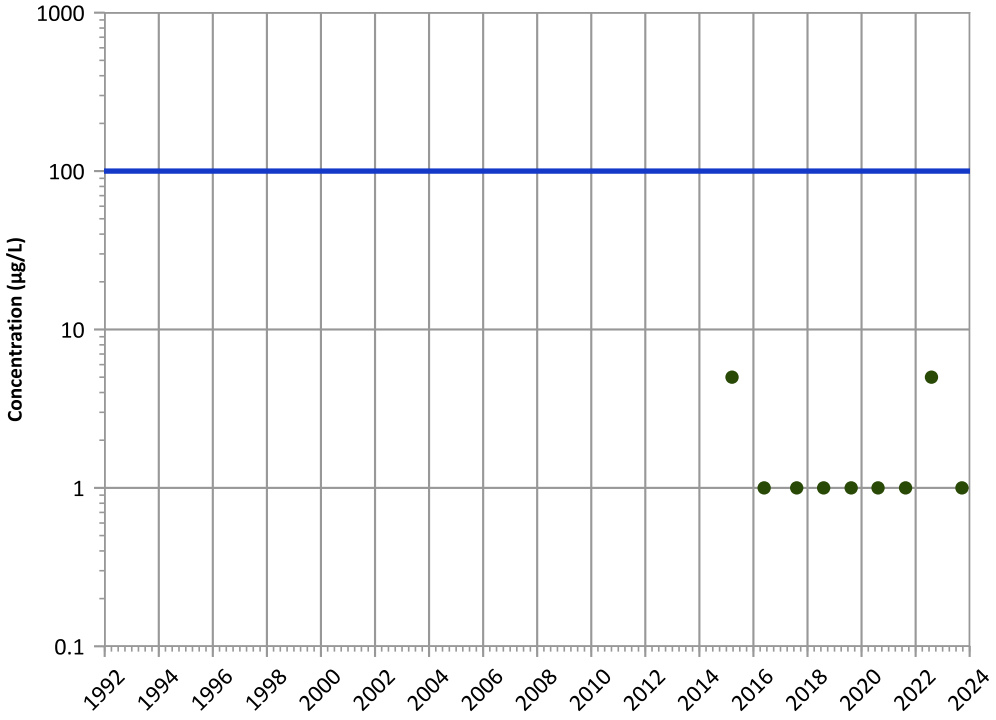
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

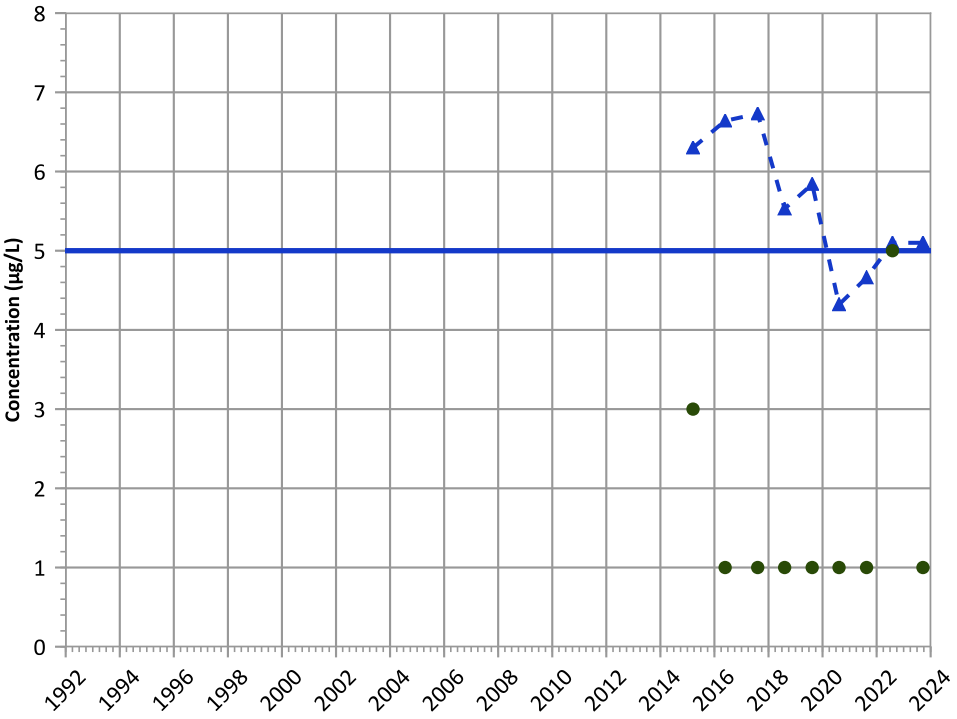


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

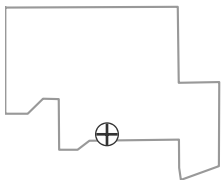
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

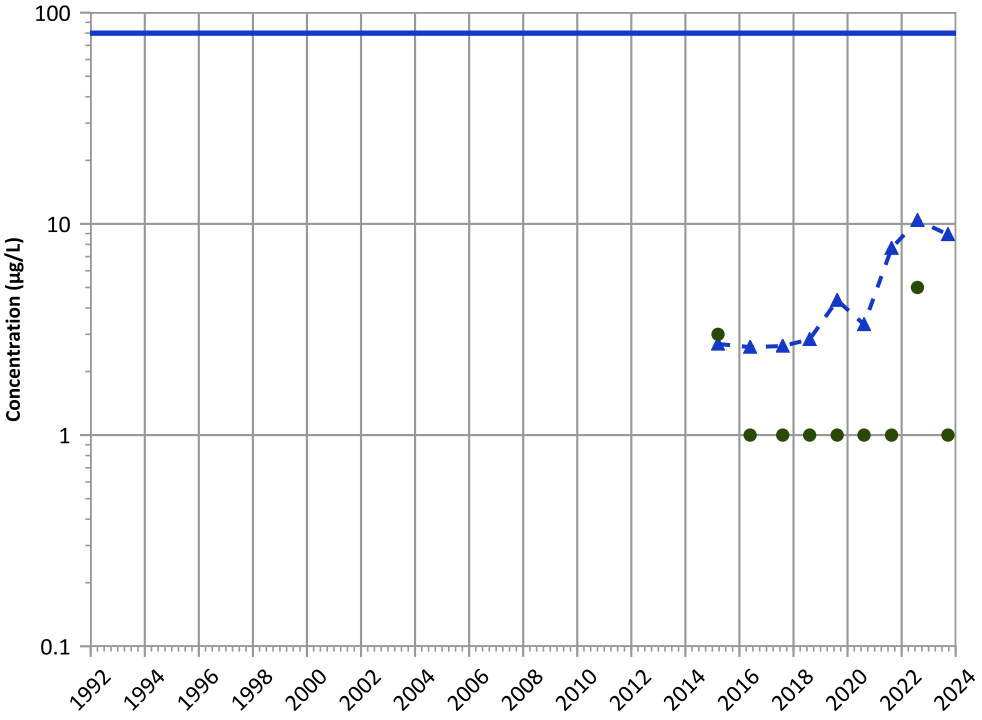
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

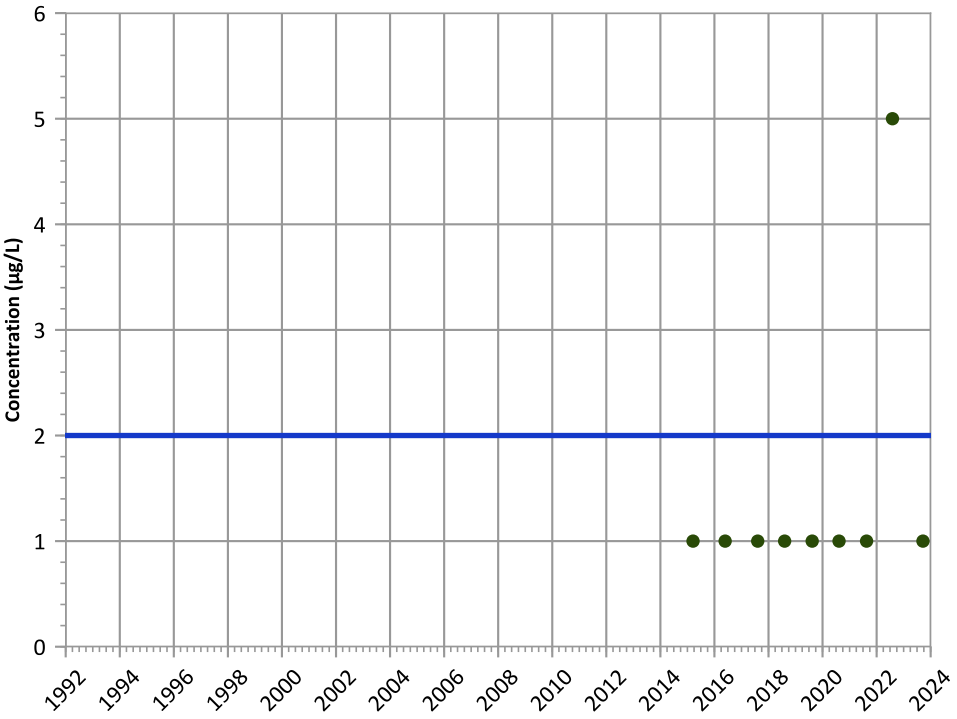


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Vinyl Chloride Trend



Concentration Trend

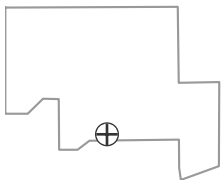
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

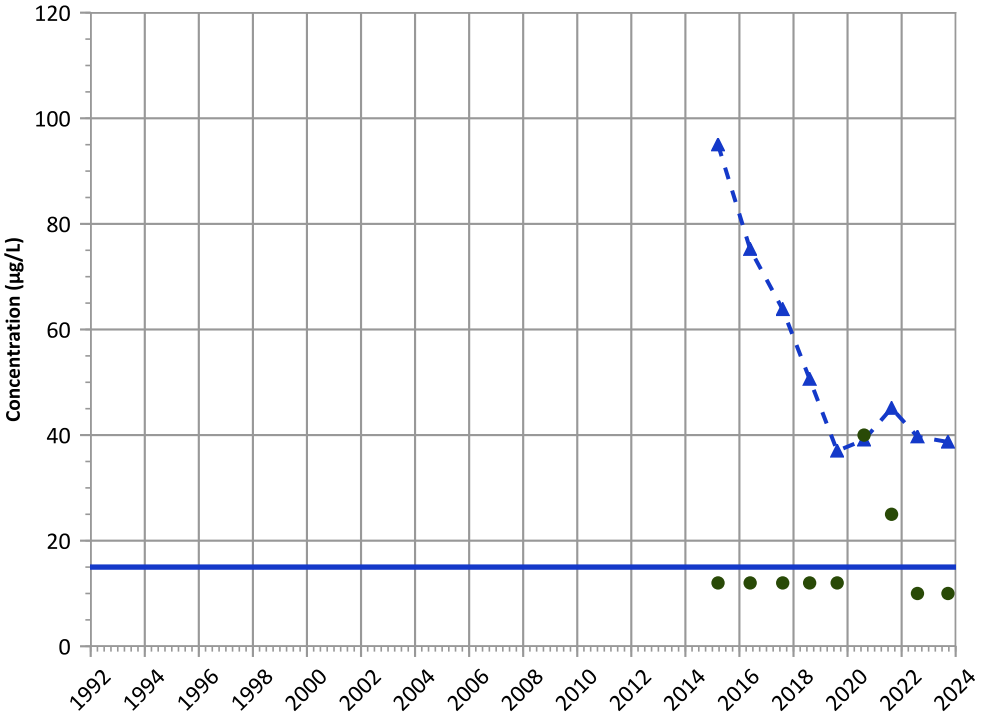
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

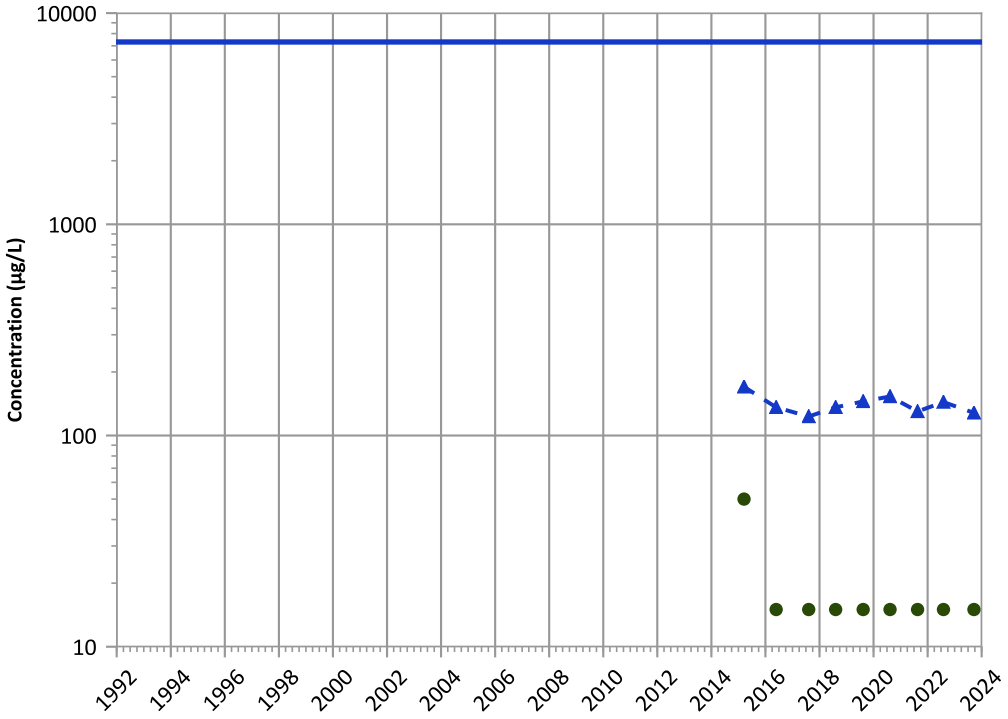


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

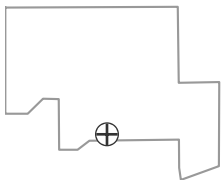
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

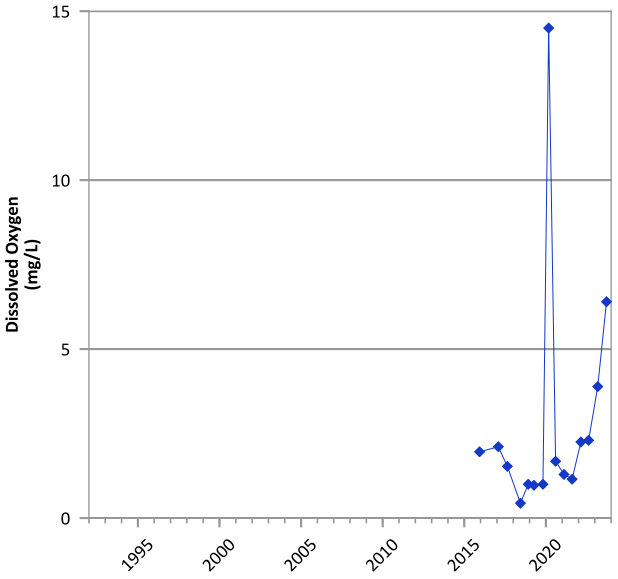
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/18/2015 to 09/19/2023
Analysis Date: 04/01/2024

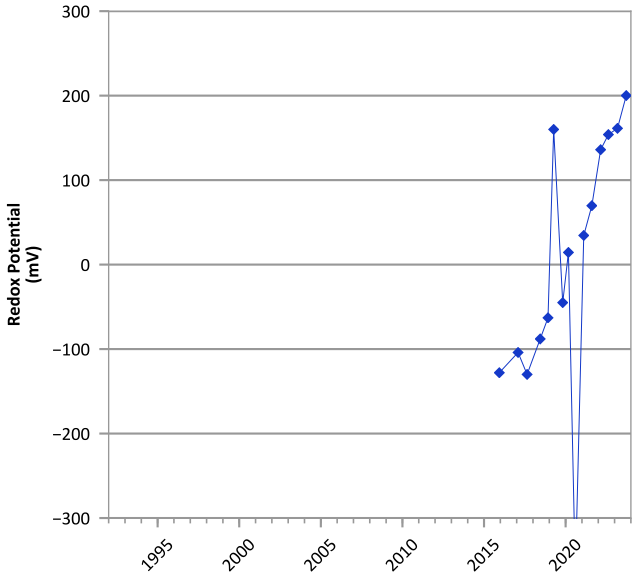
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

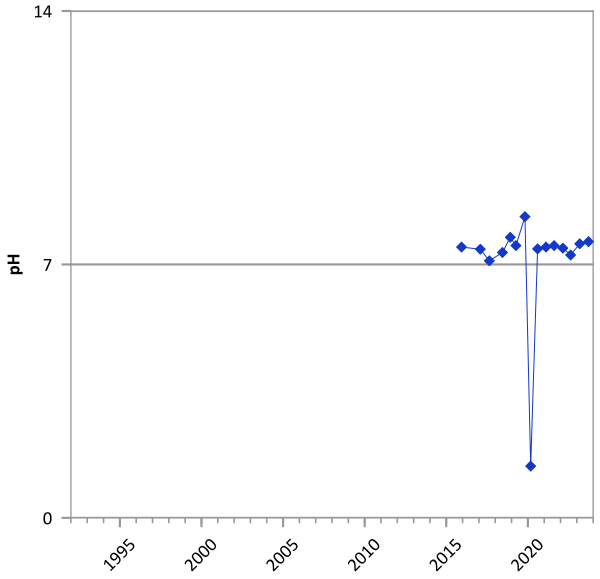
Well Location

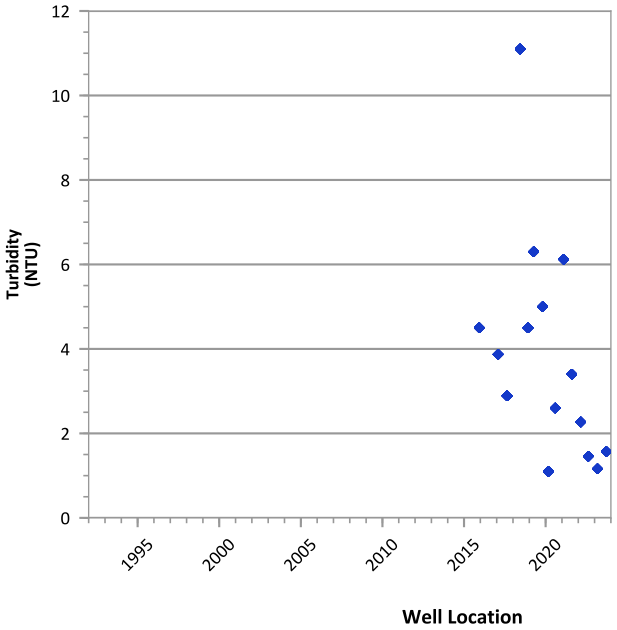


PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

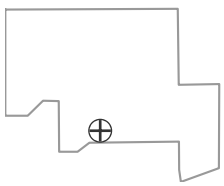






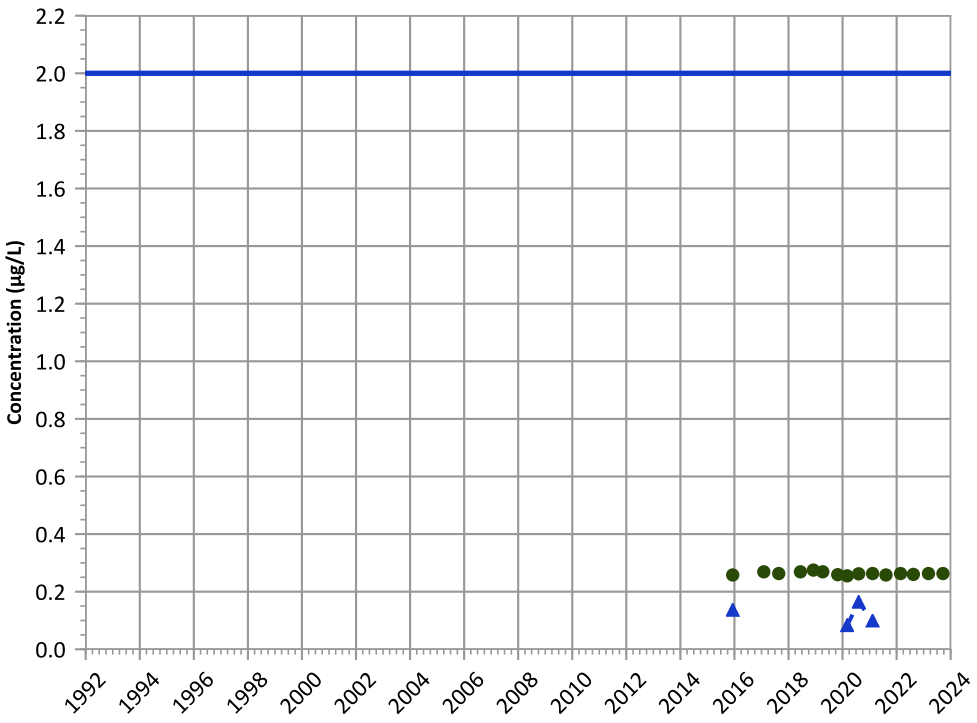


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

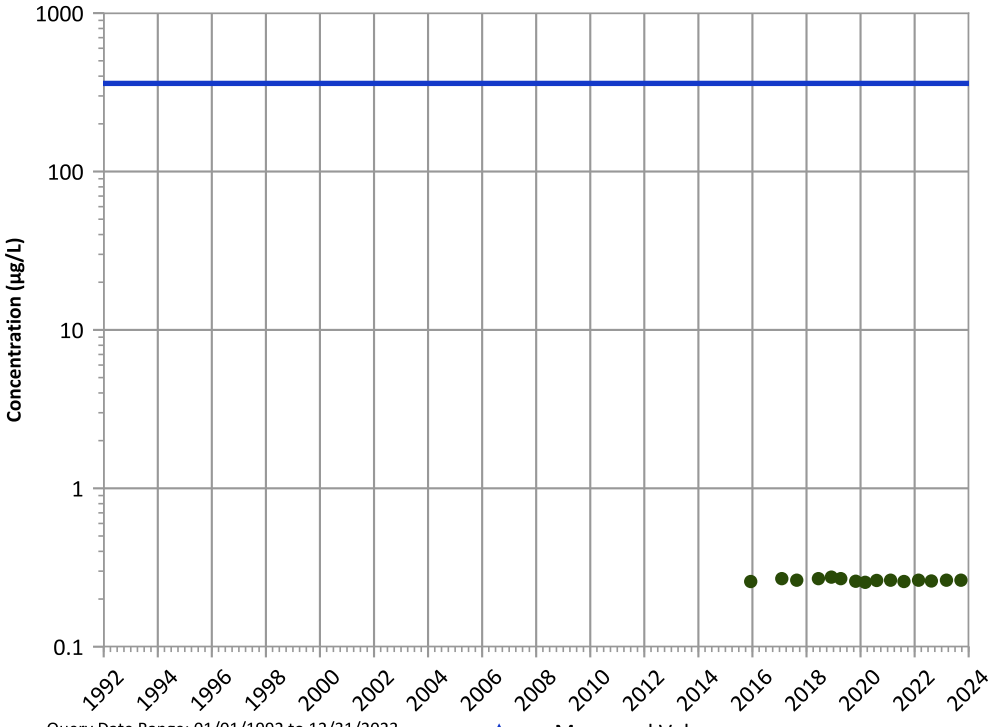


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

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



Concentration Trend

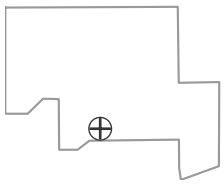
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

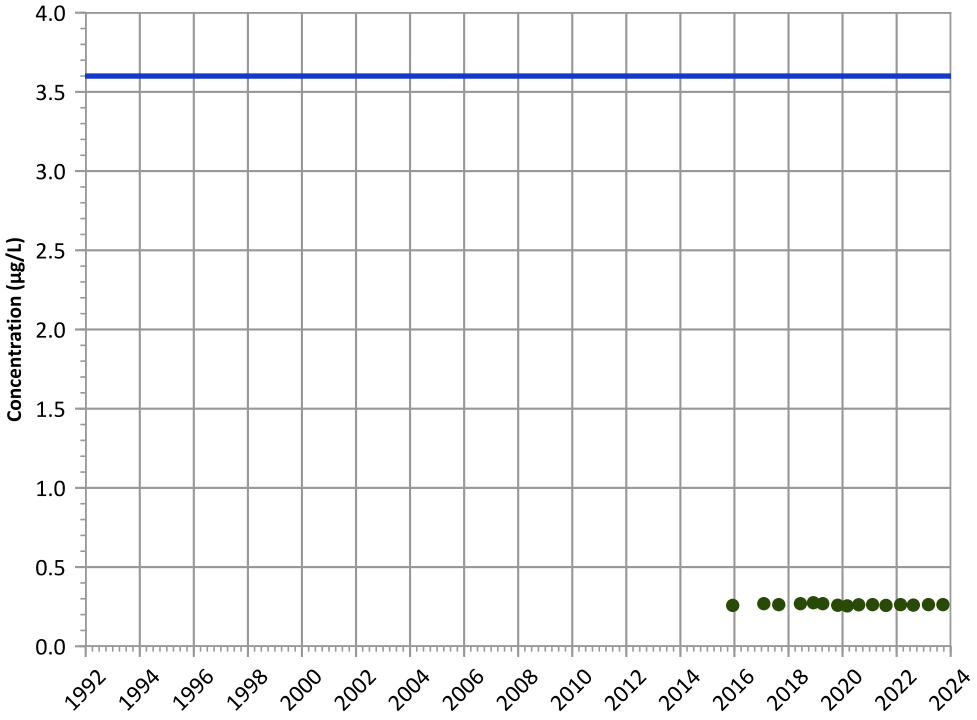
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

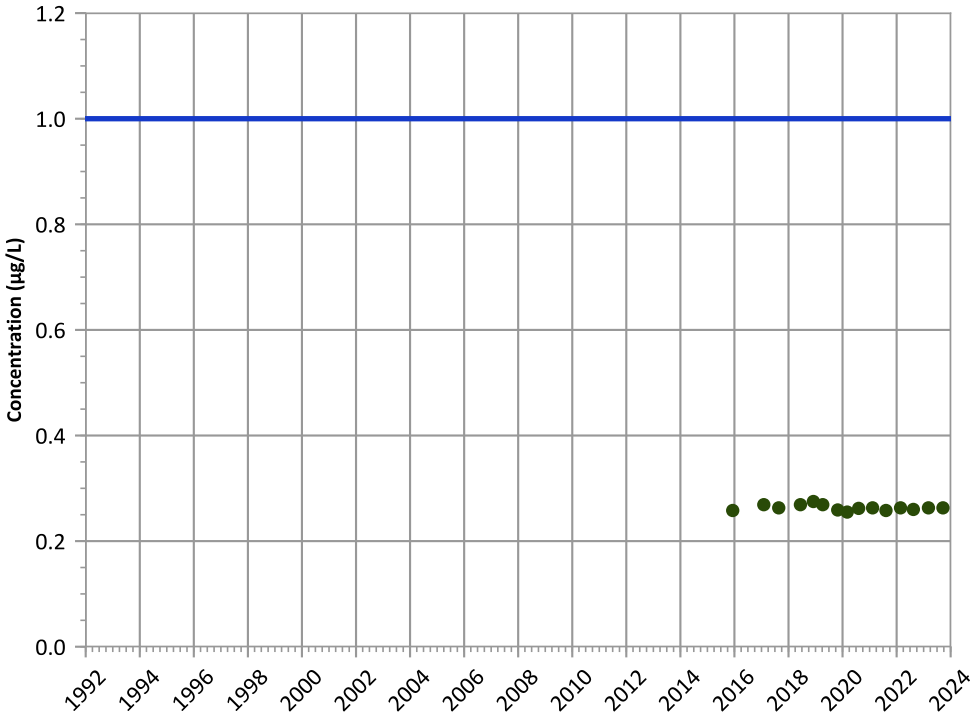


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

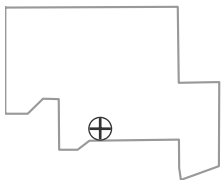
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

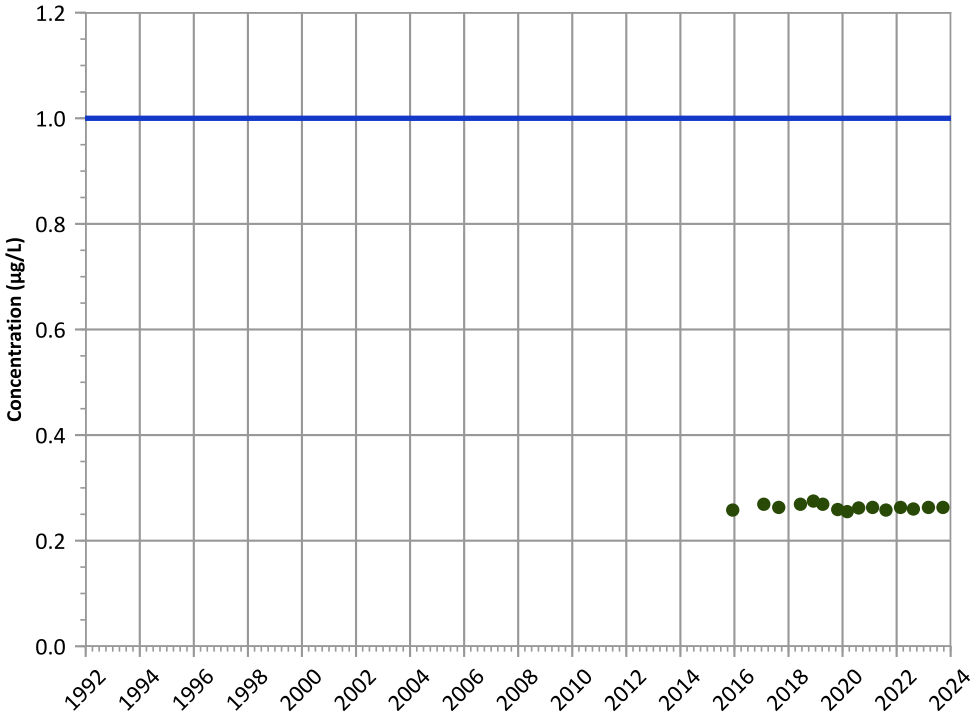
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

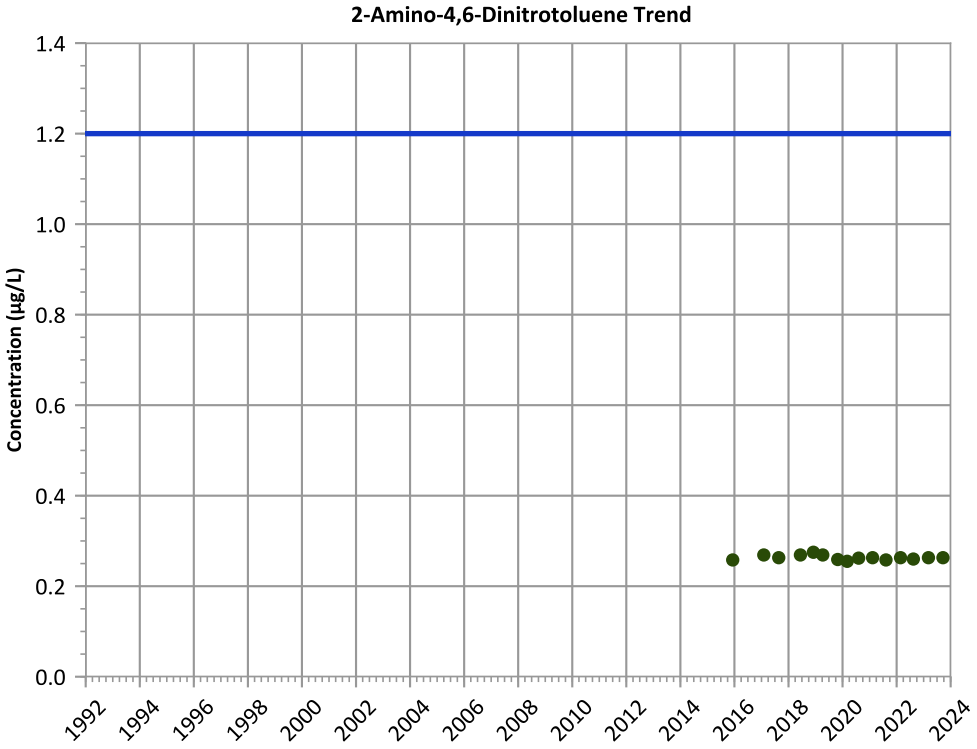


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

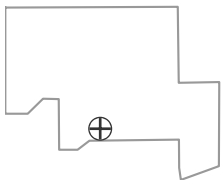
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

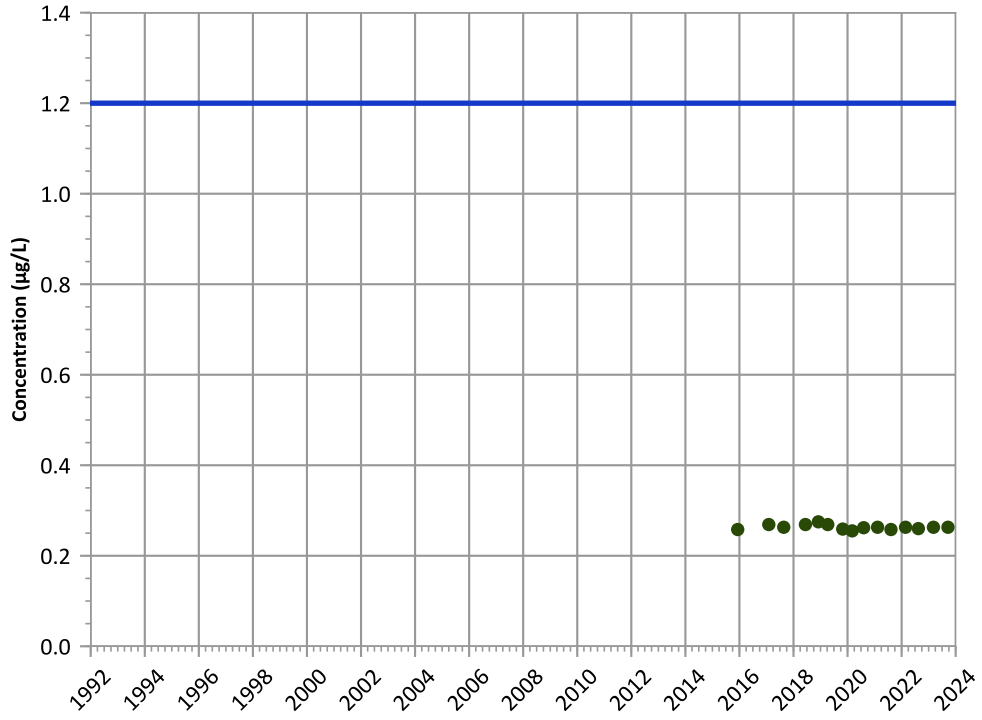
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

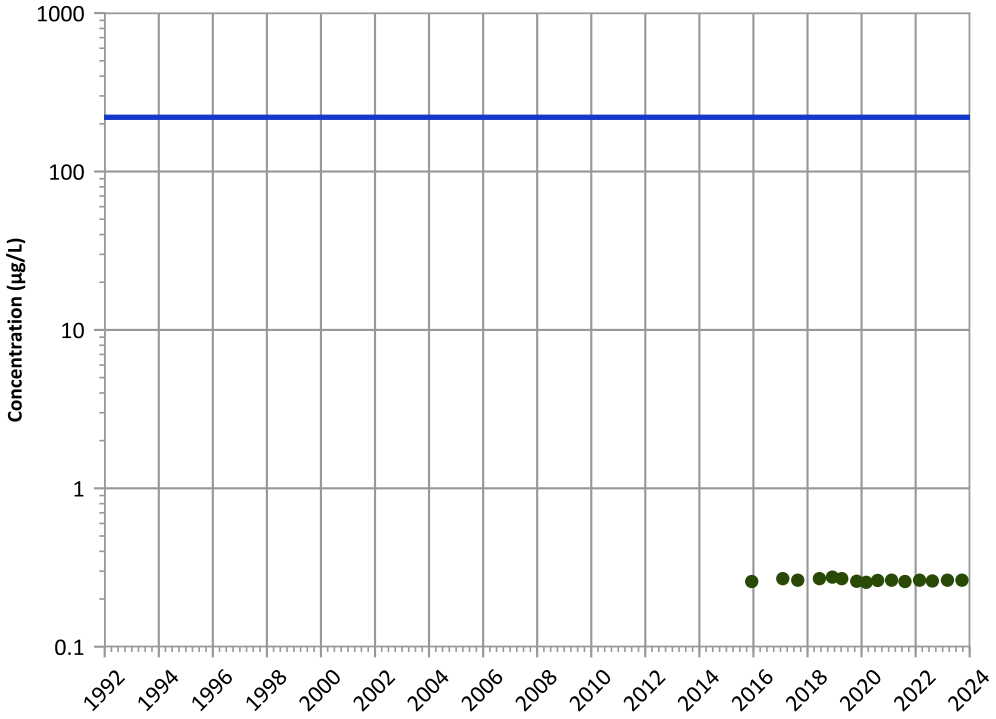


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

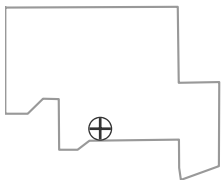
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

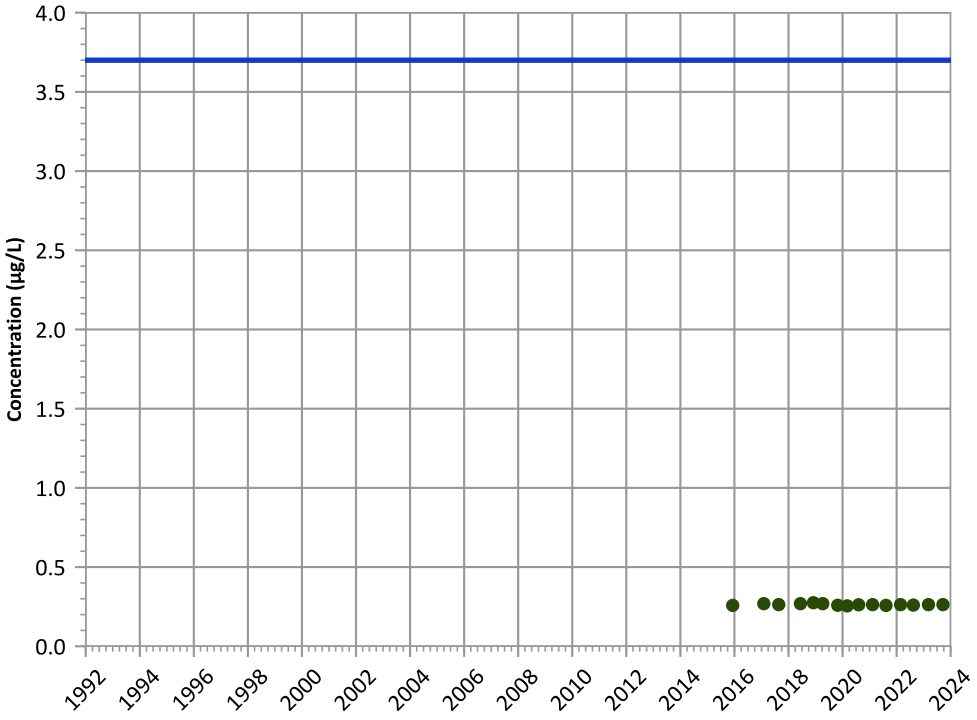
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

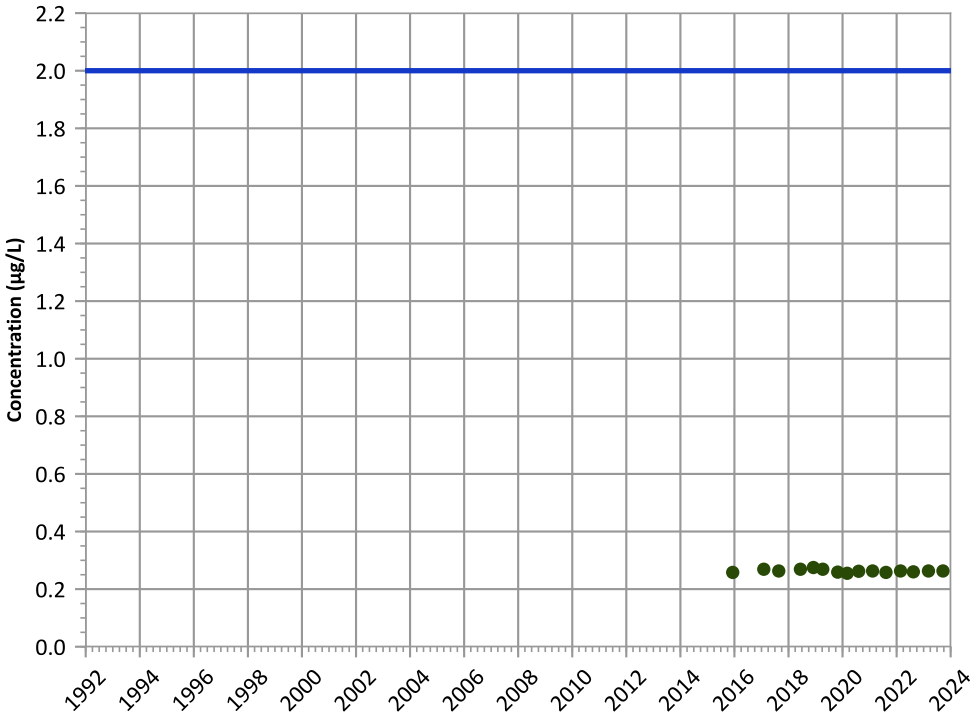


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

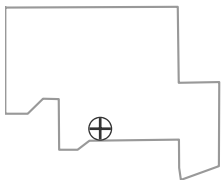
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

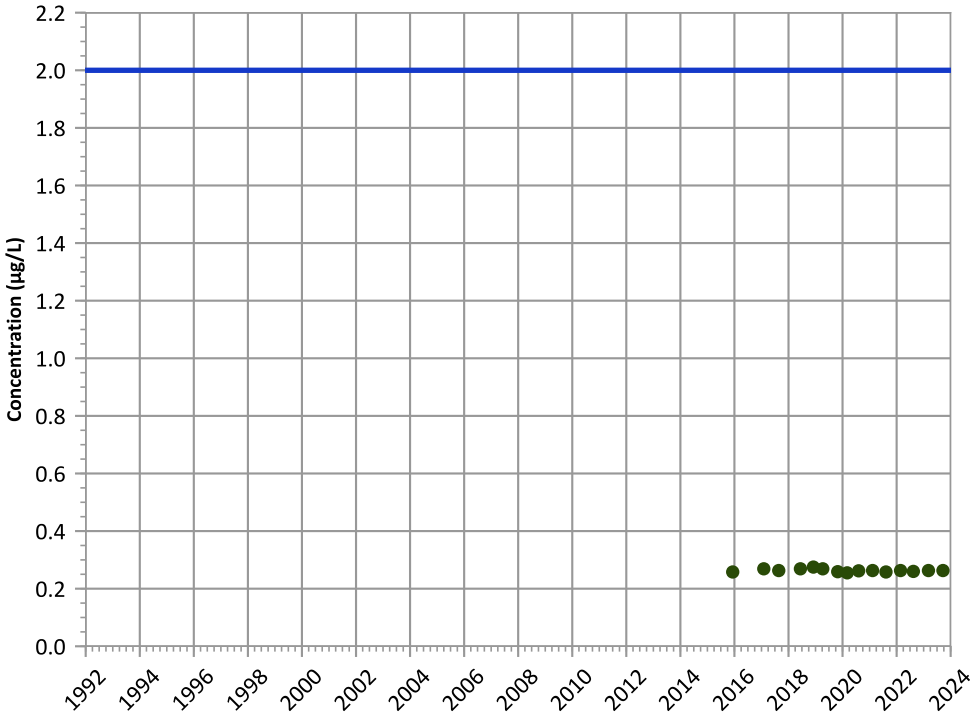
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

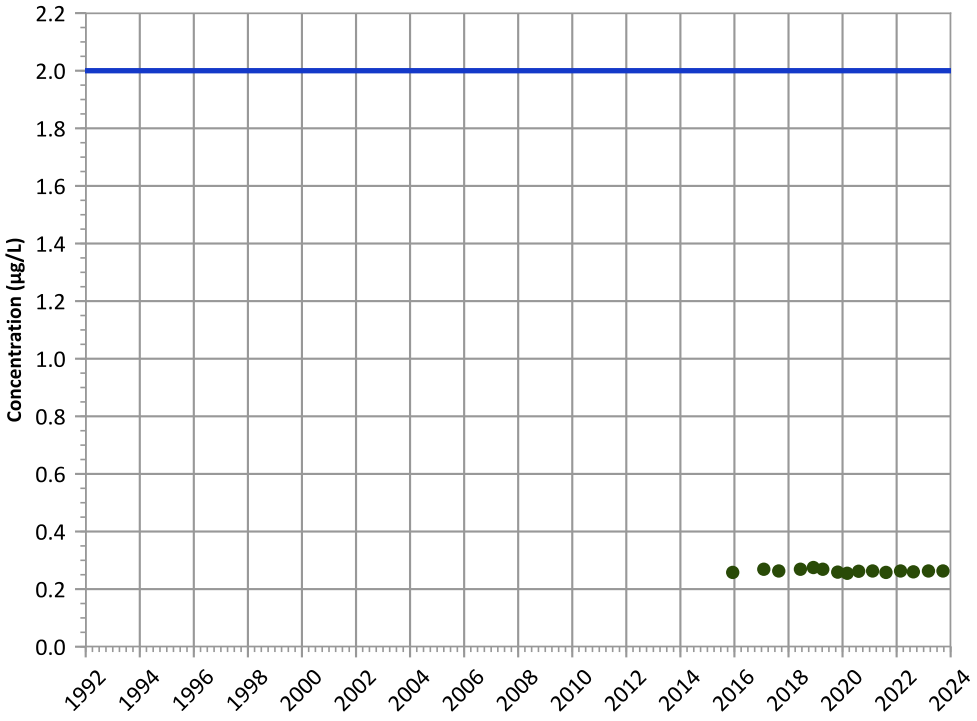


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

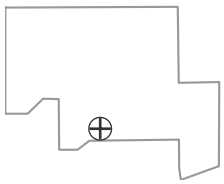
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

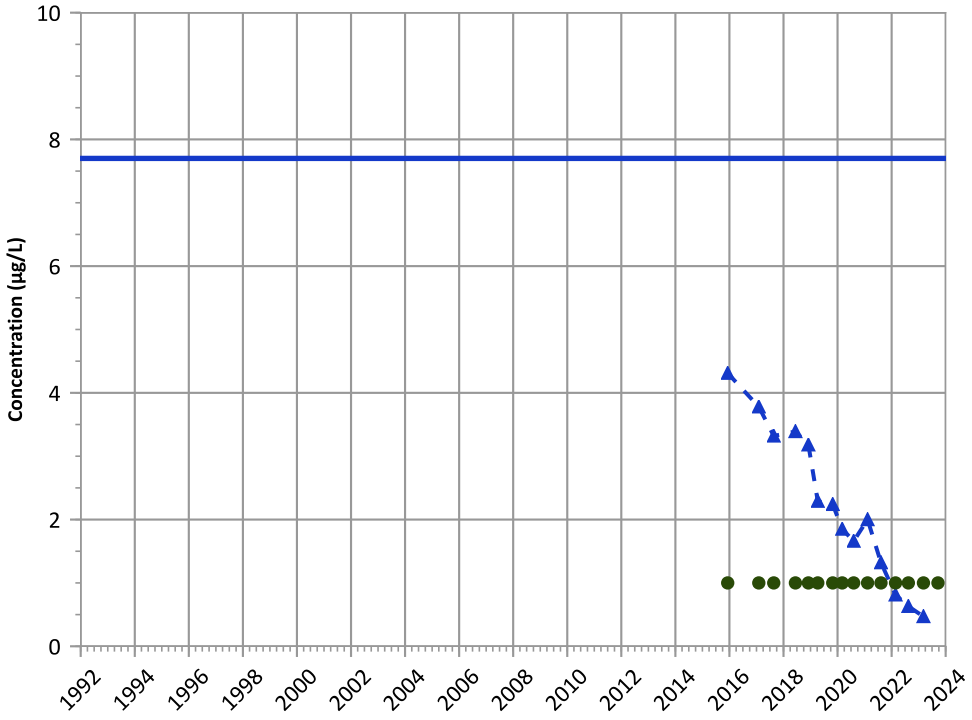
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

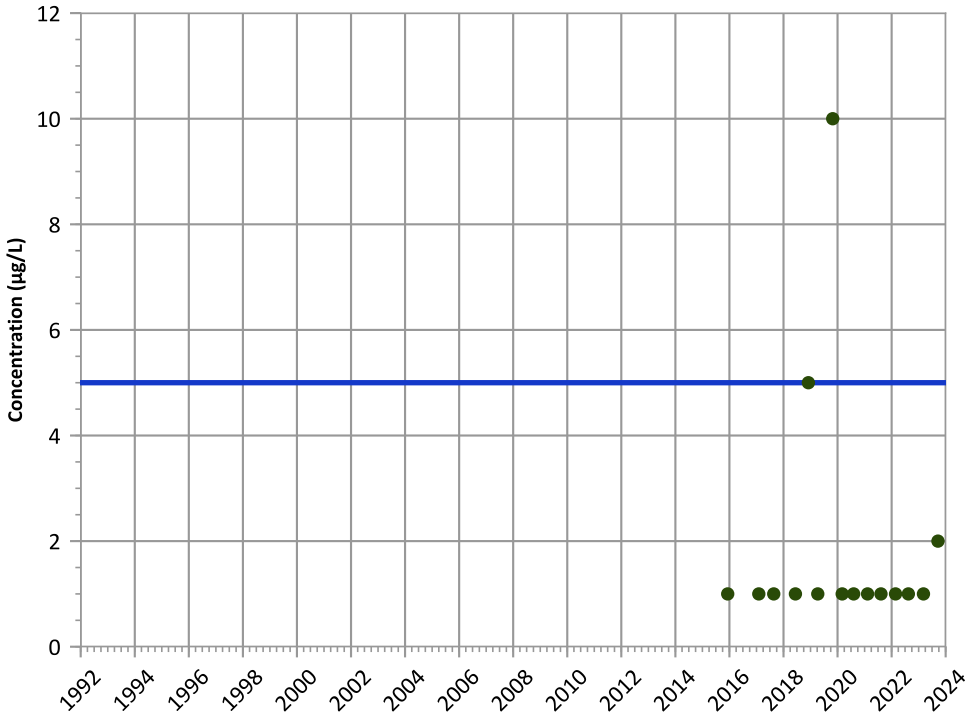


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

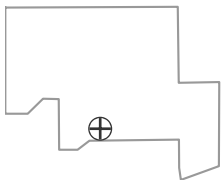
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

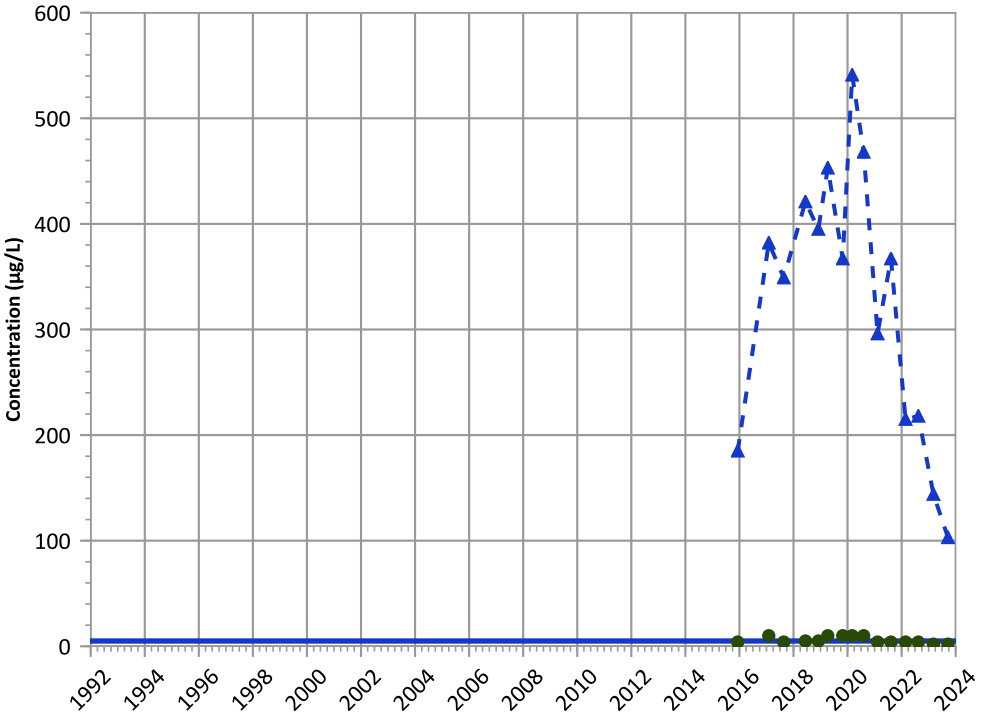
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

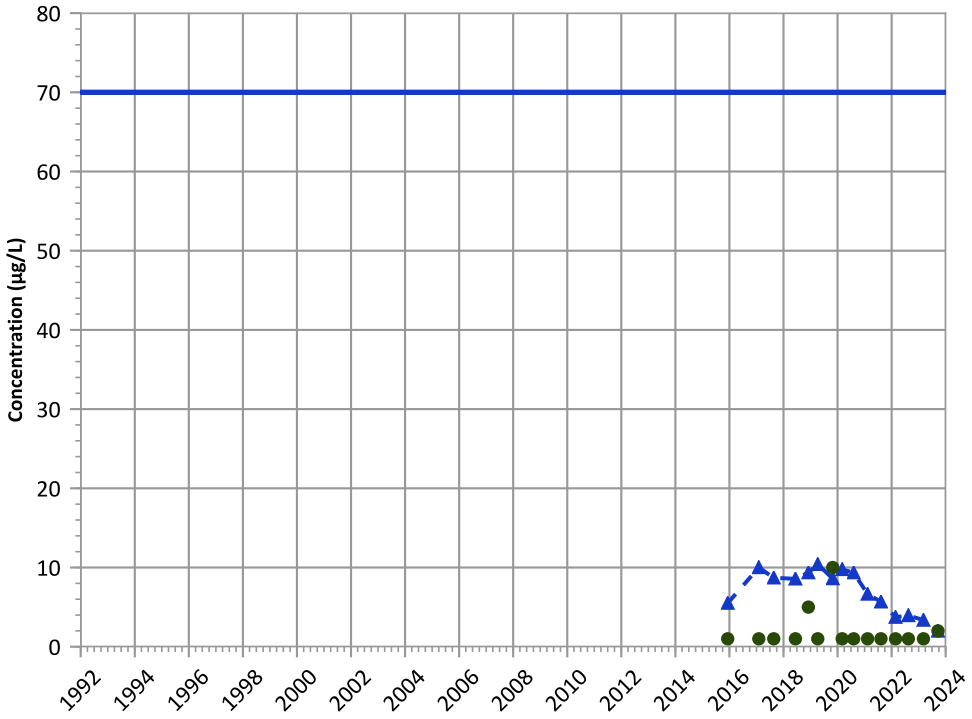


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

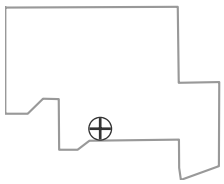
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

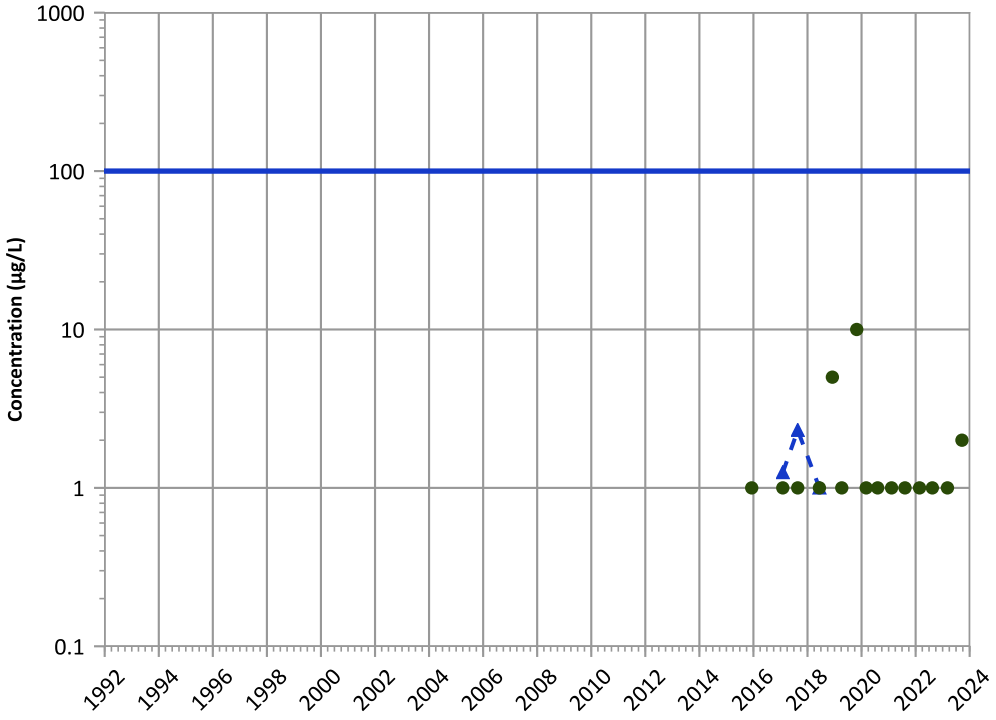
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

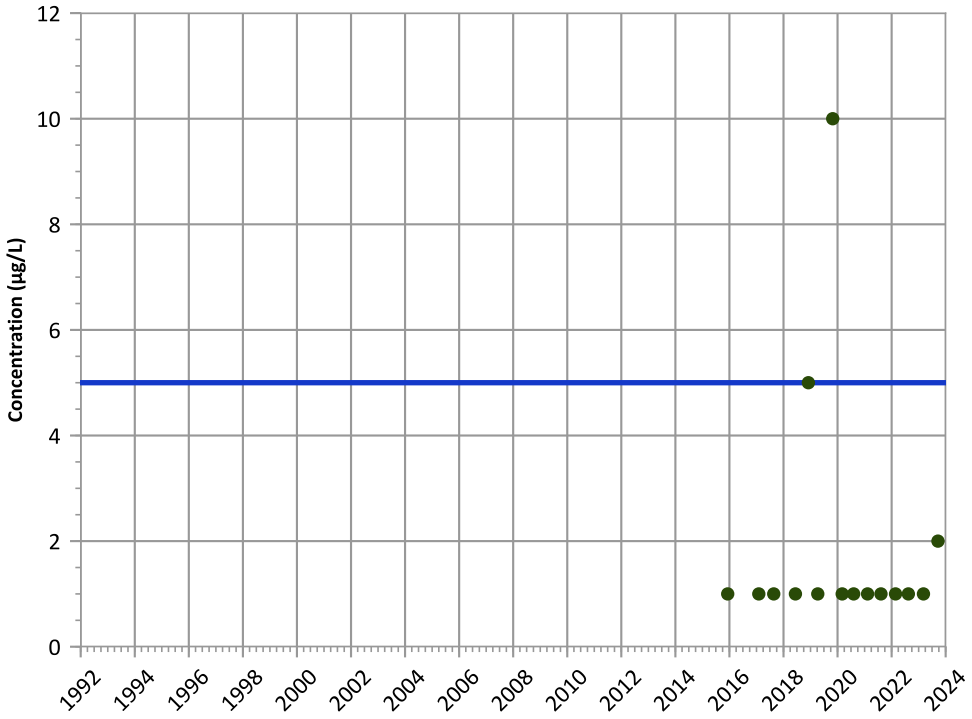


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

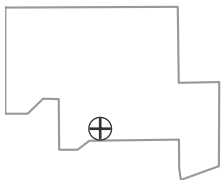
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

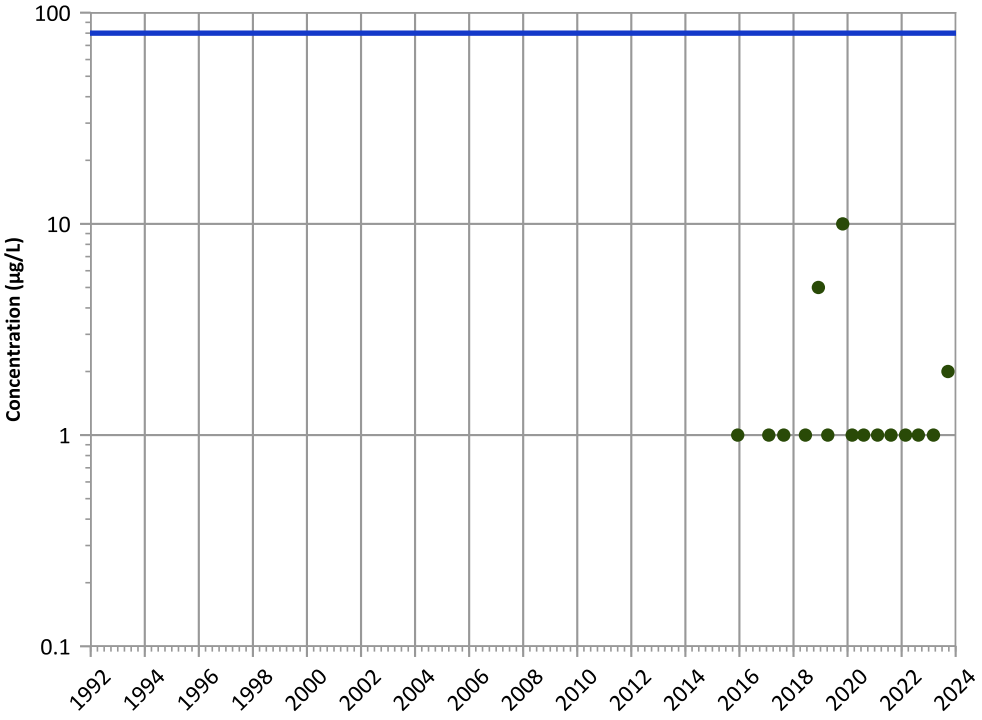
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

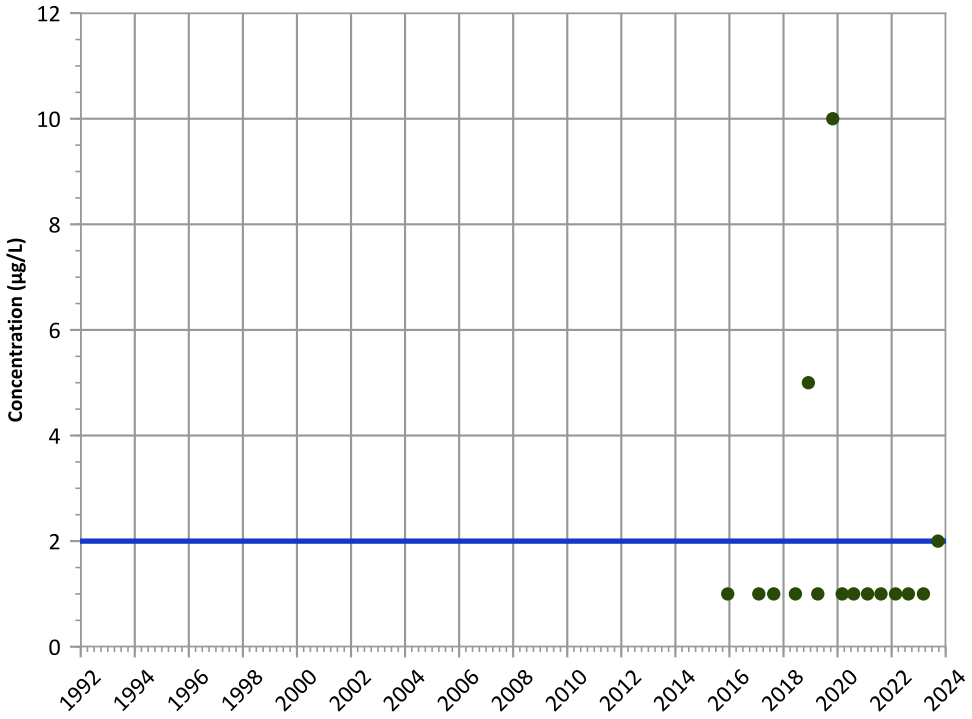
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



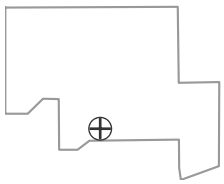
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

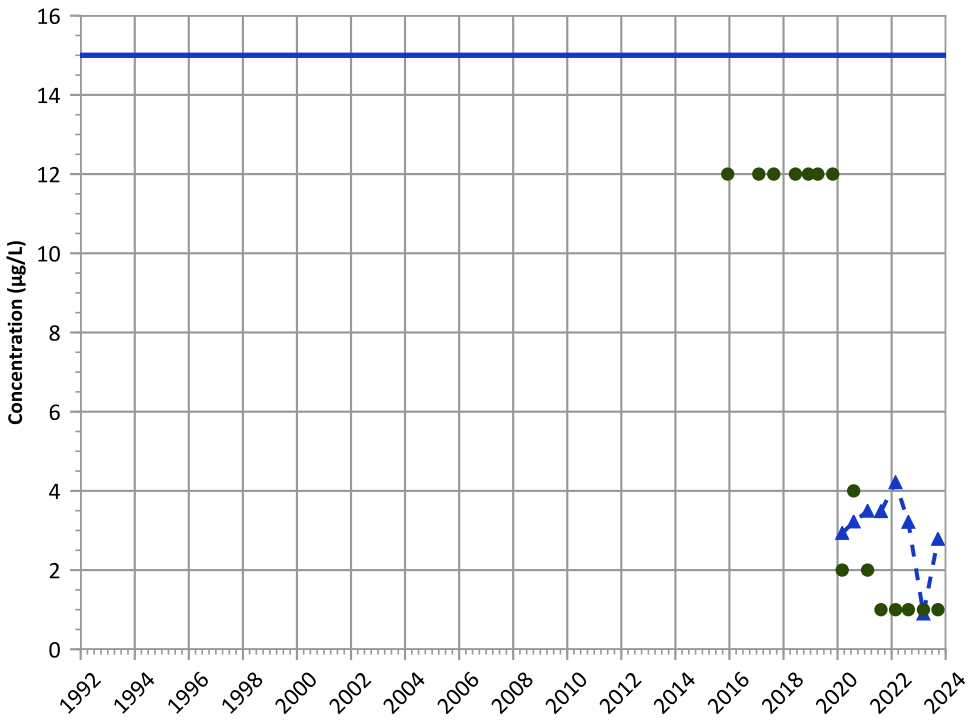
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

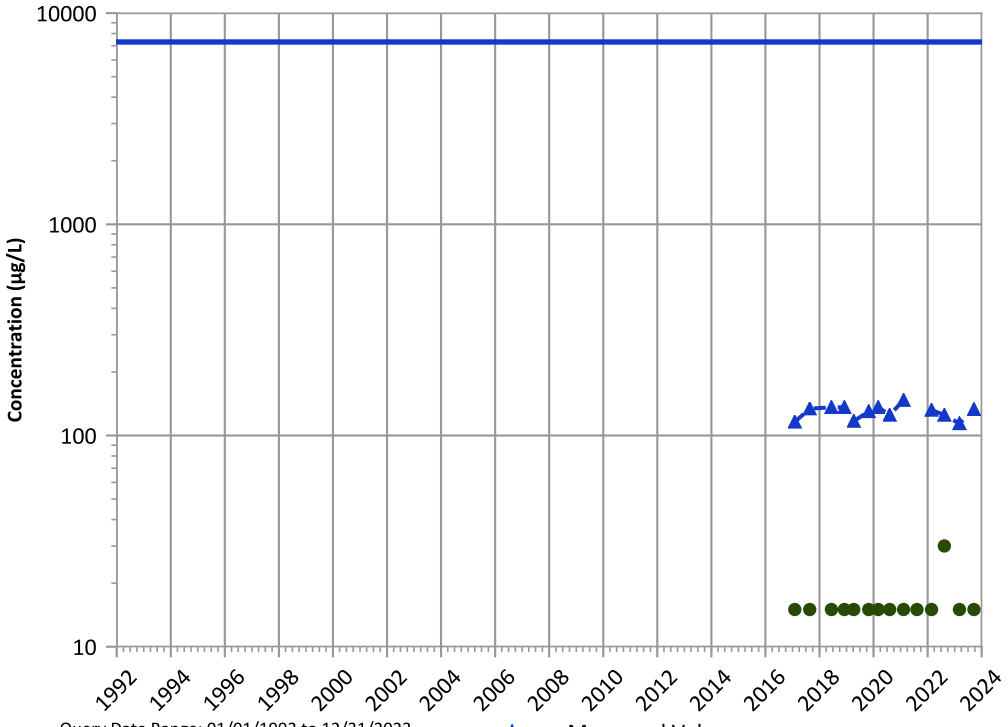


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

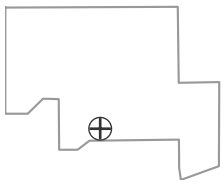
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

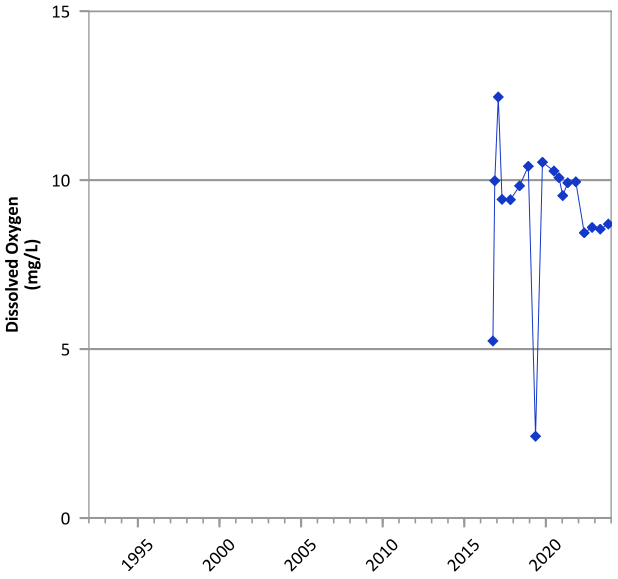
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/09/2015 to 09/19/2023
Analysis Date: 04/01/2024

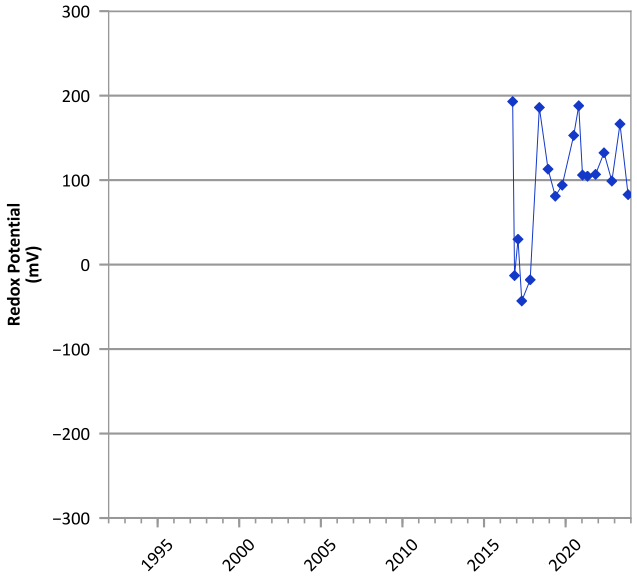
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

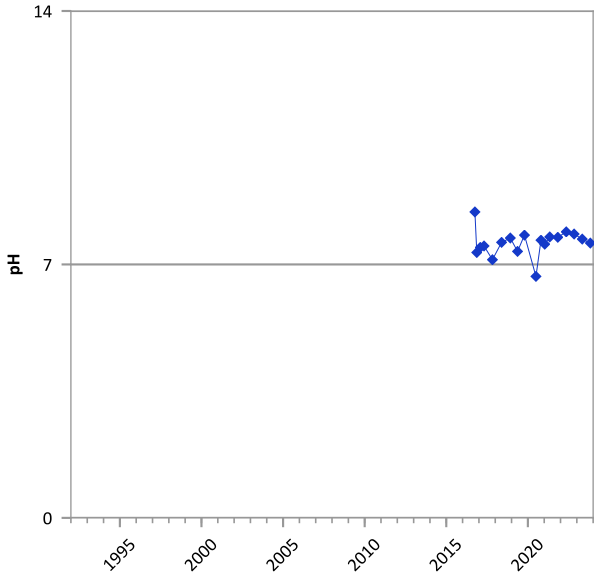
Well Location

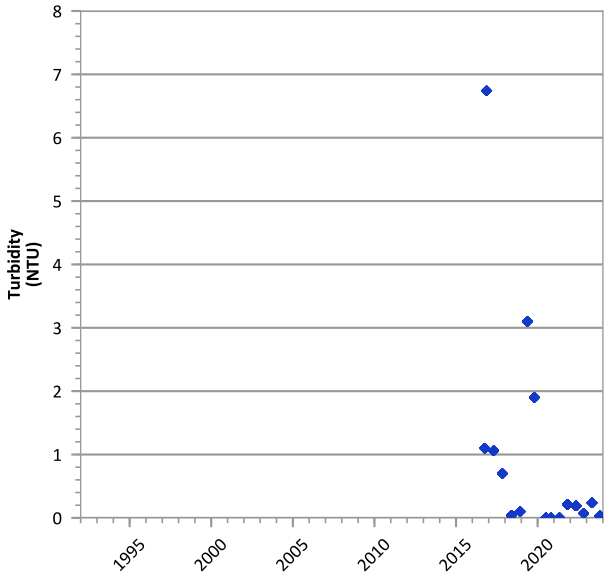


PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

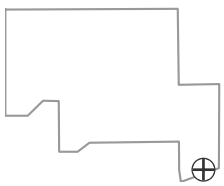






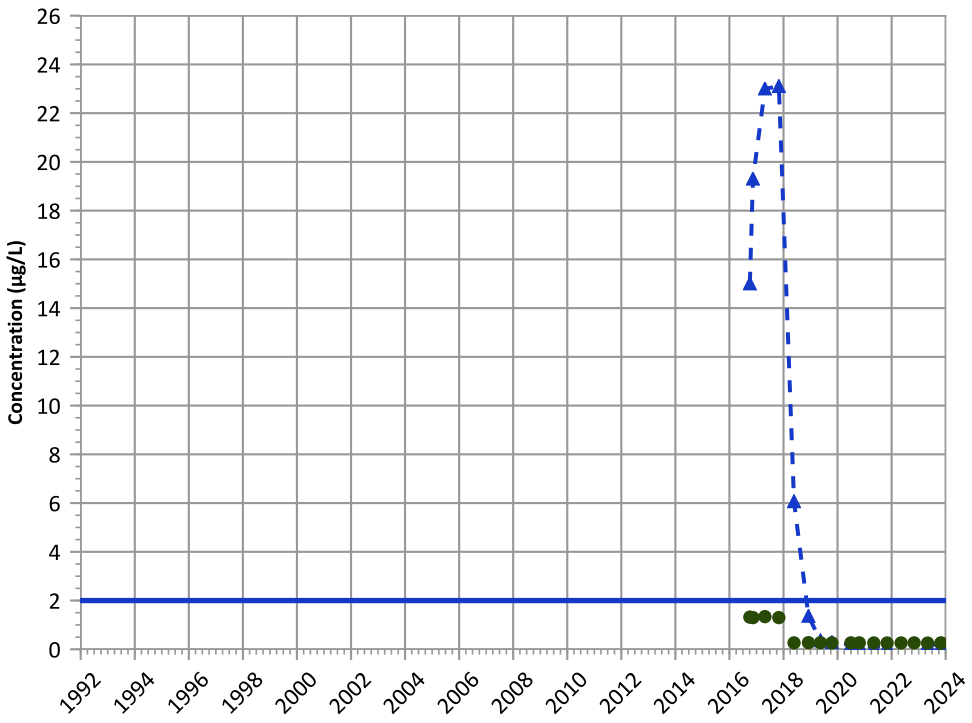


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

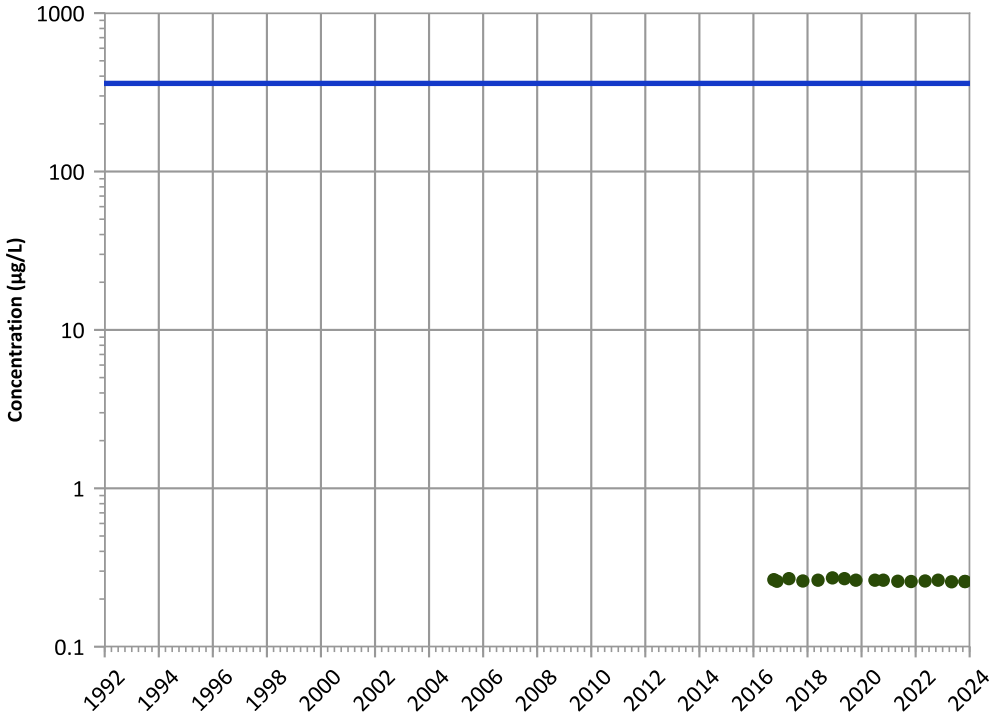


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

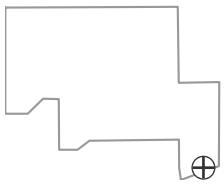
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

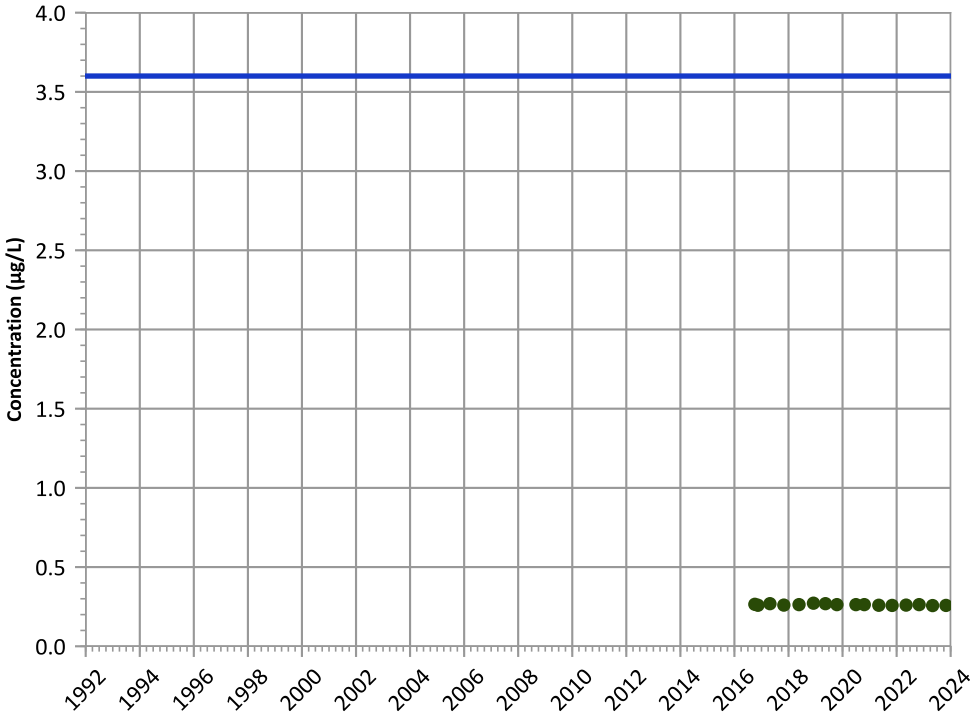
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

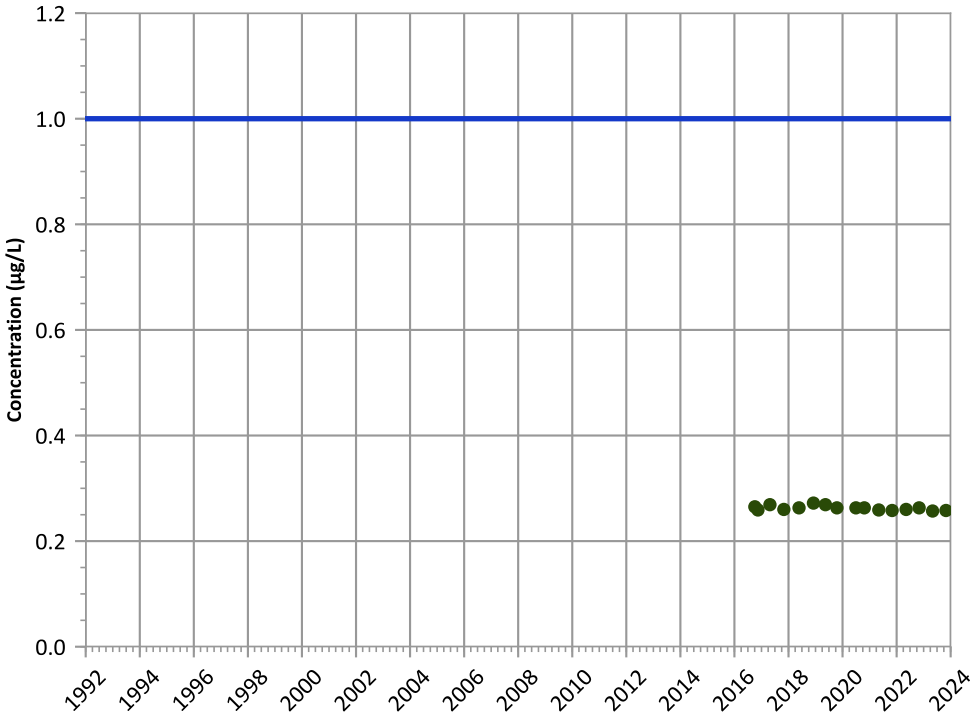


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

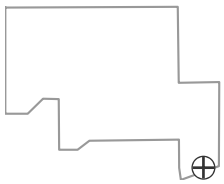
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

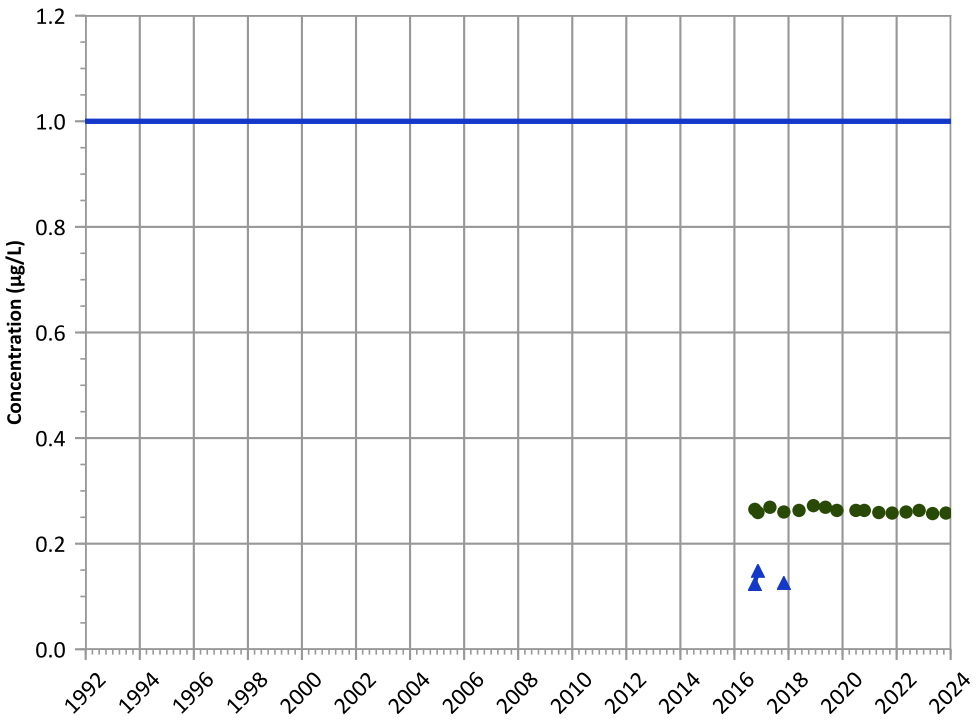
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

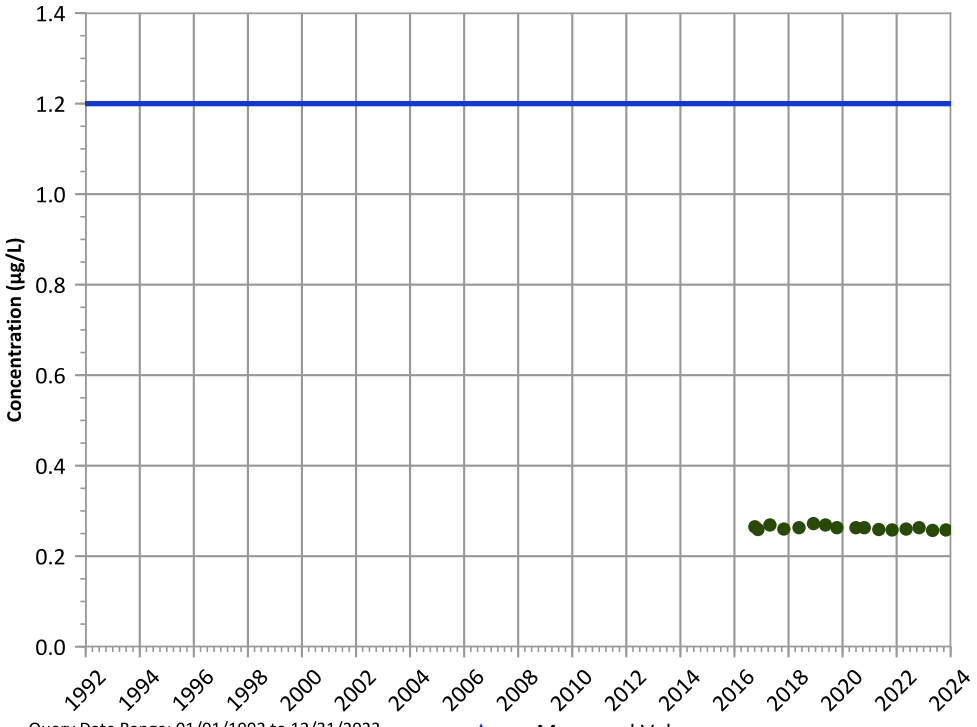


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

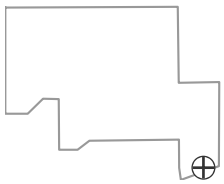
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

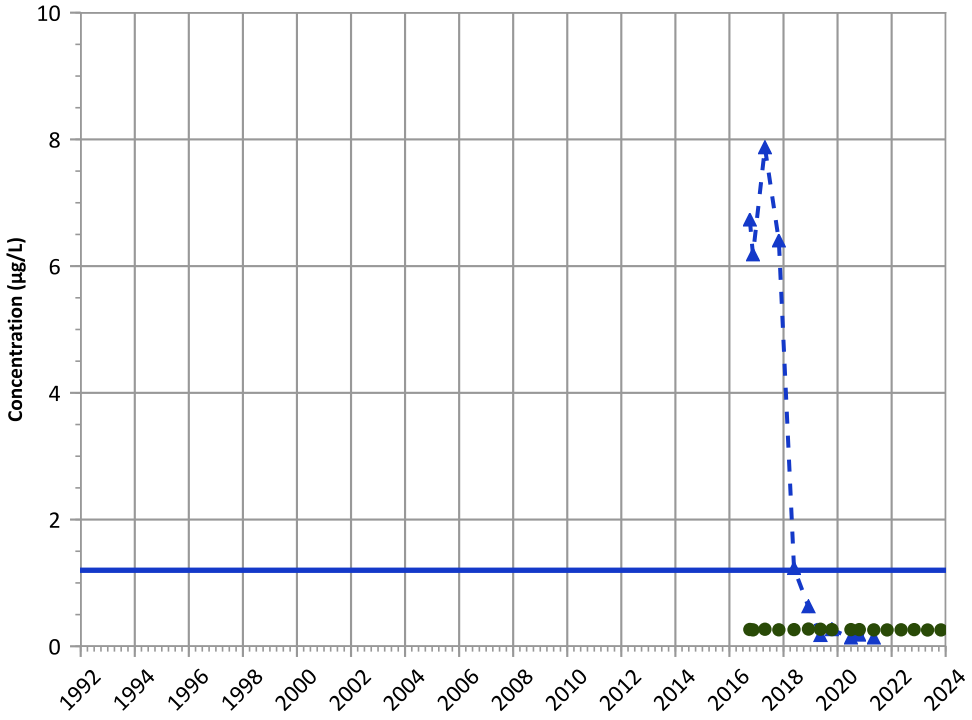
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

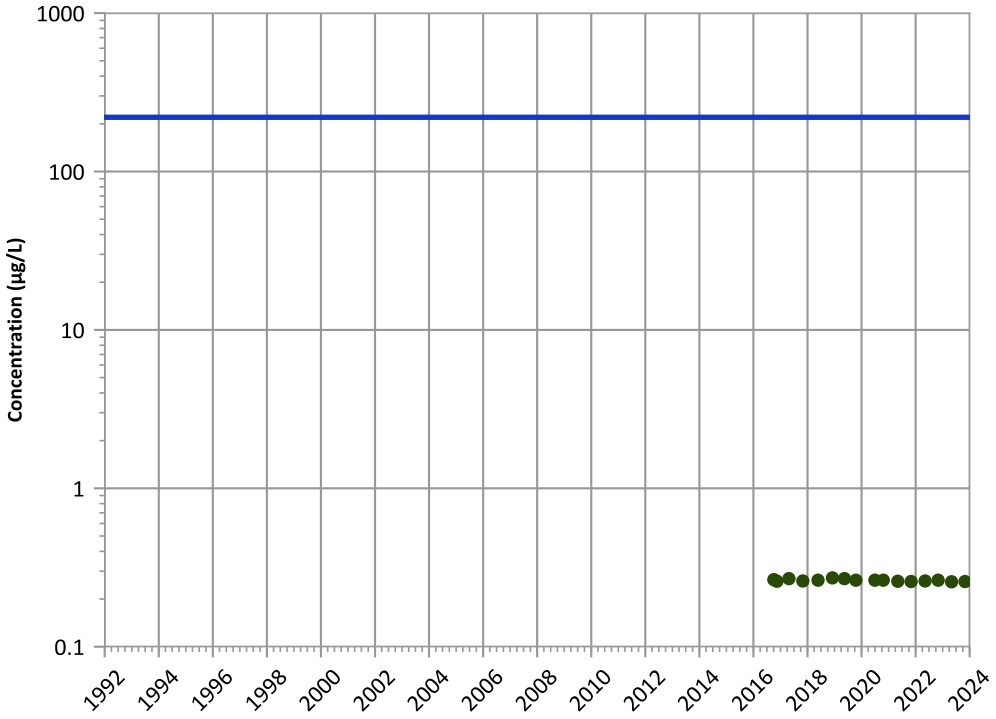


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

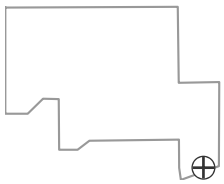
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

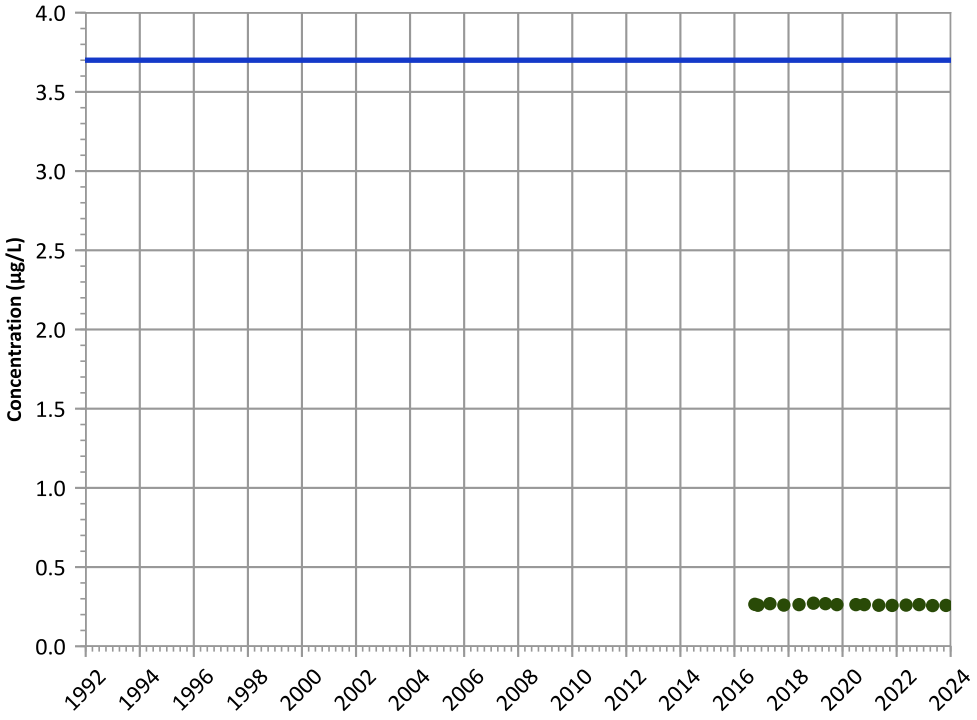
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

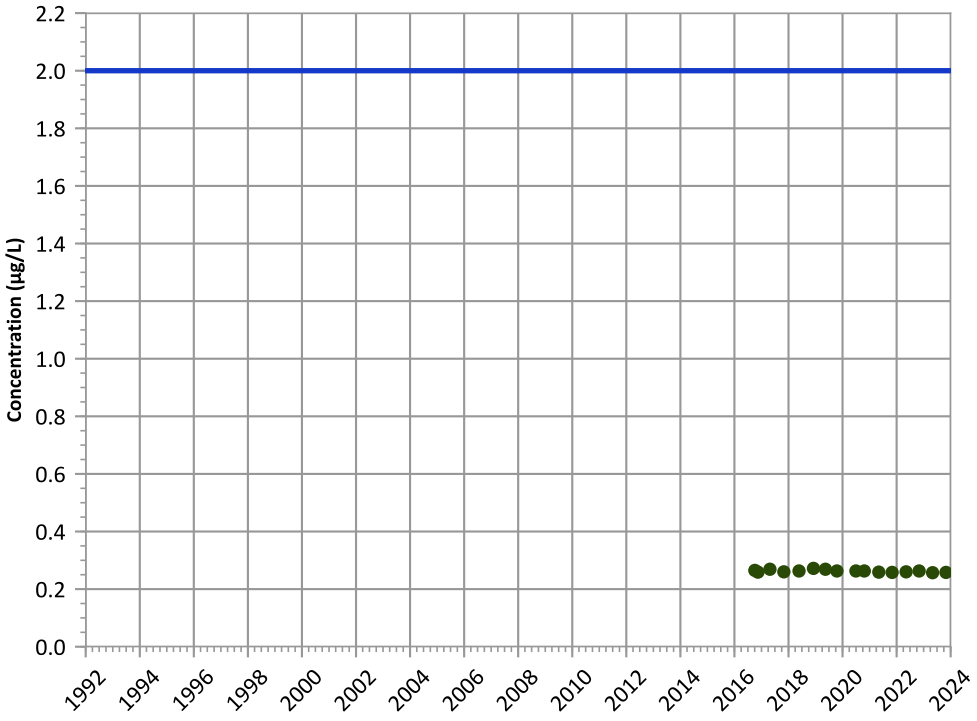


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

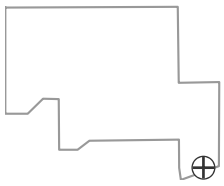
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

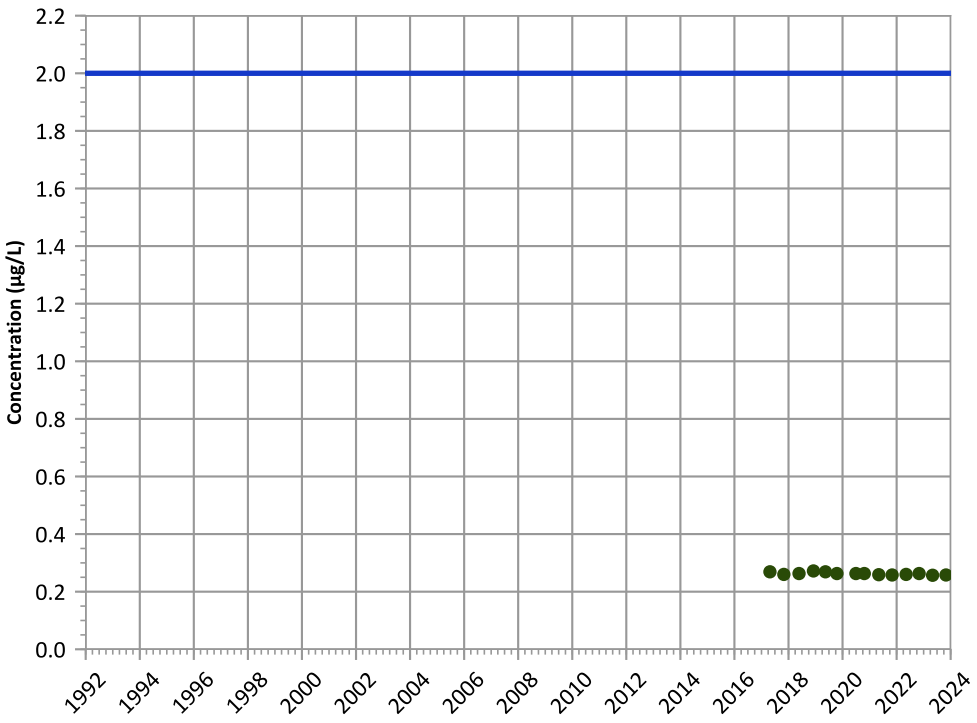
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

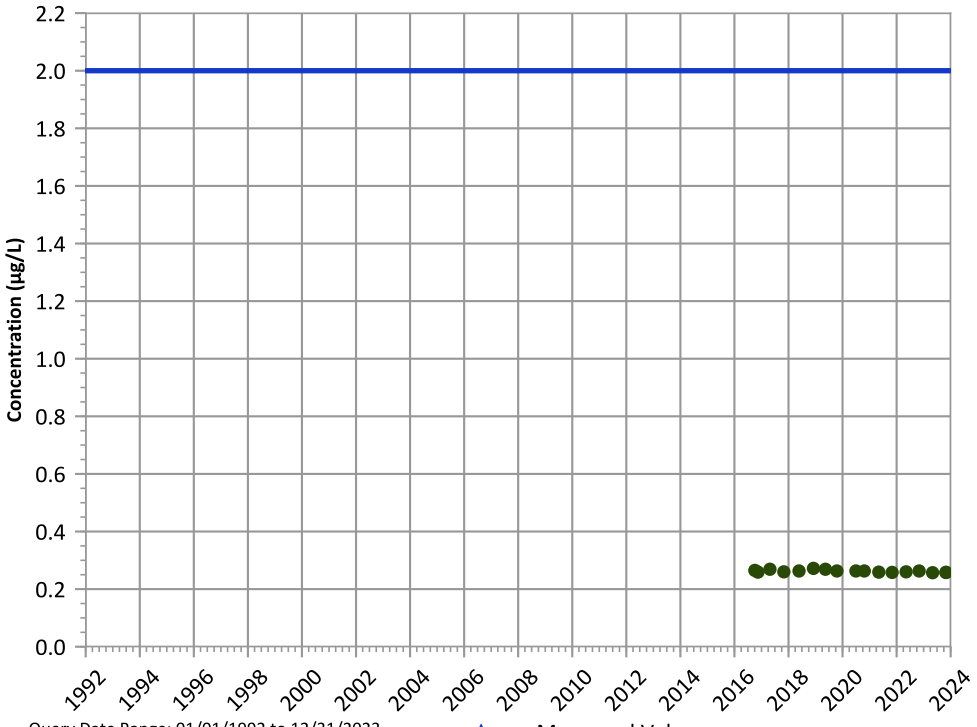


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

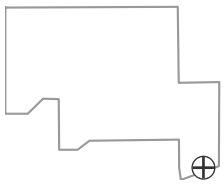
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

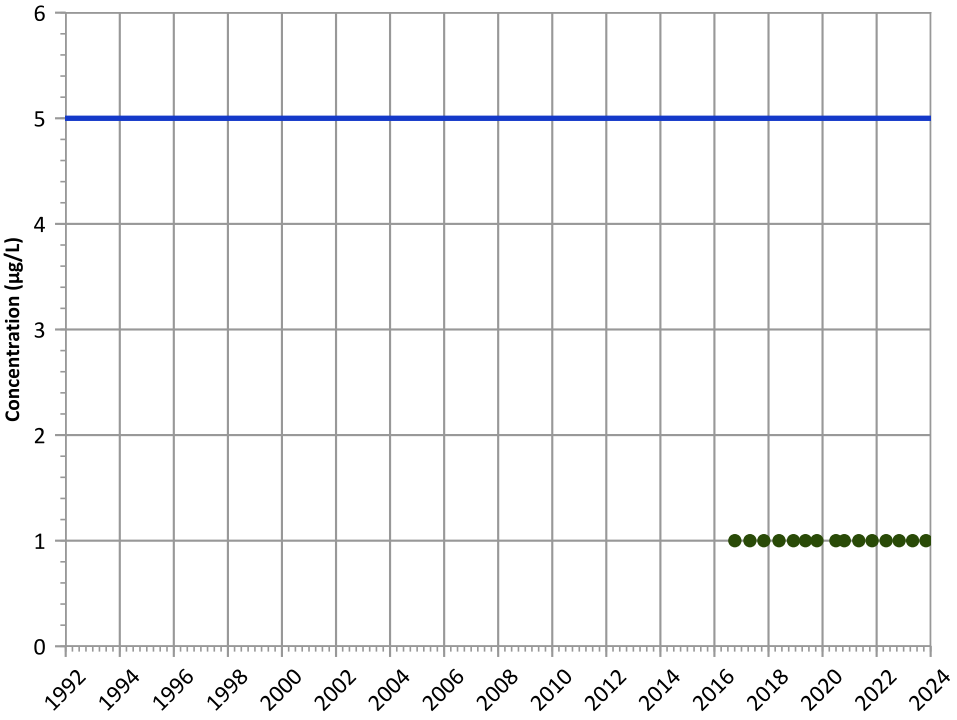
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

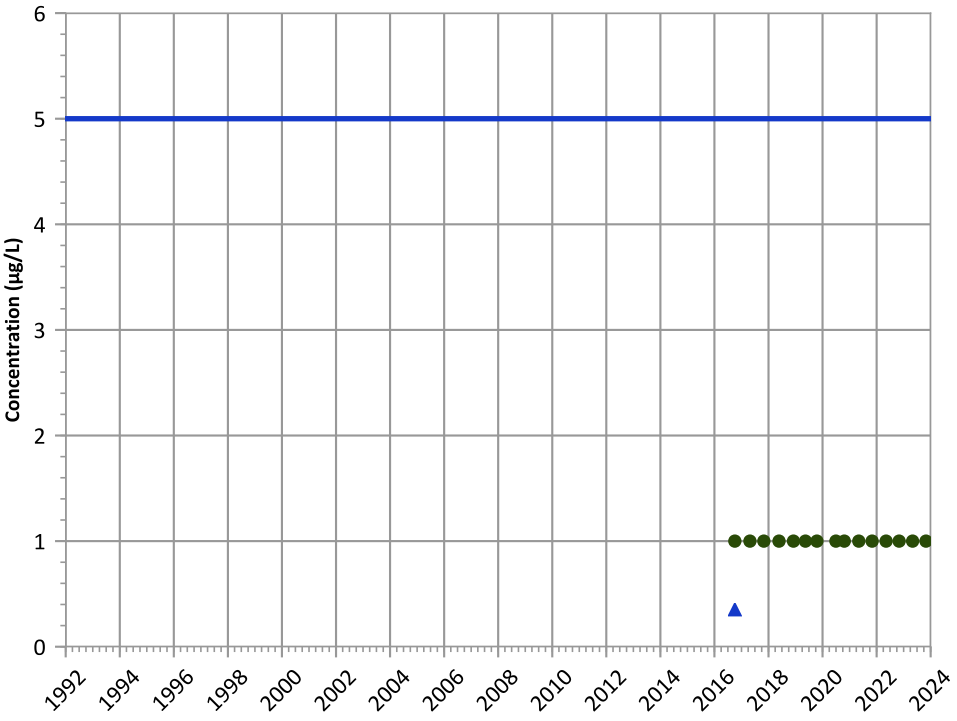


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

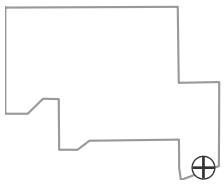
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

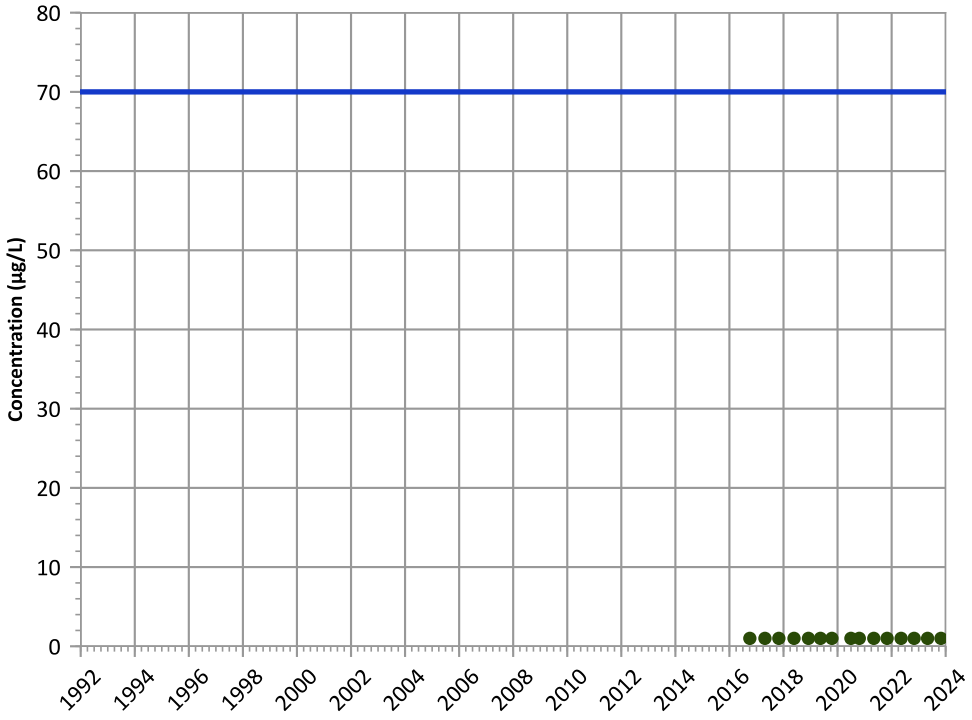
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

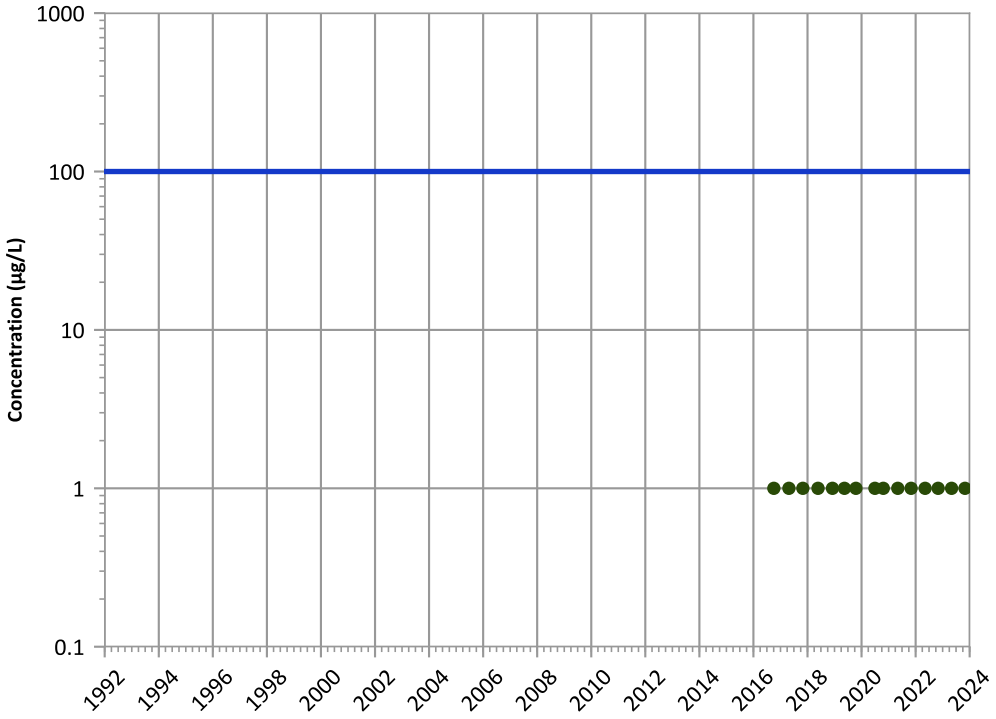
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



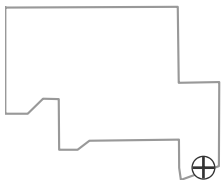
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

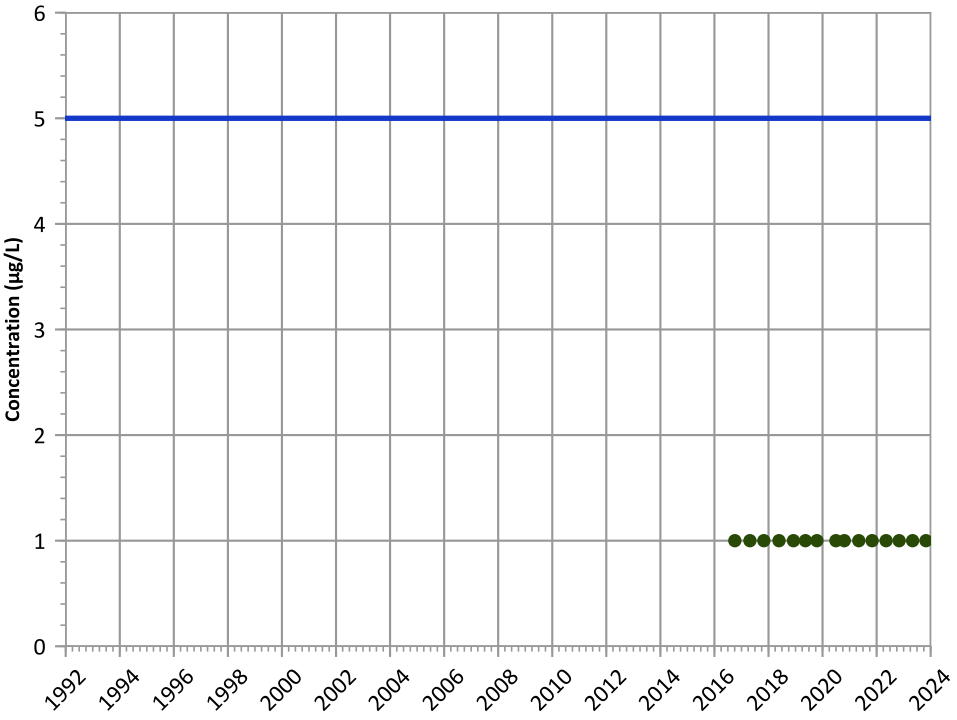
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

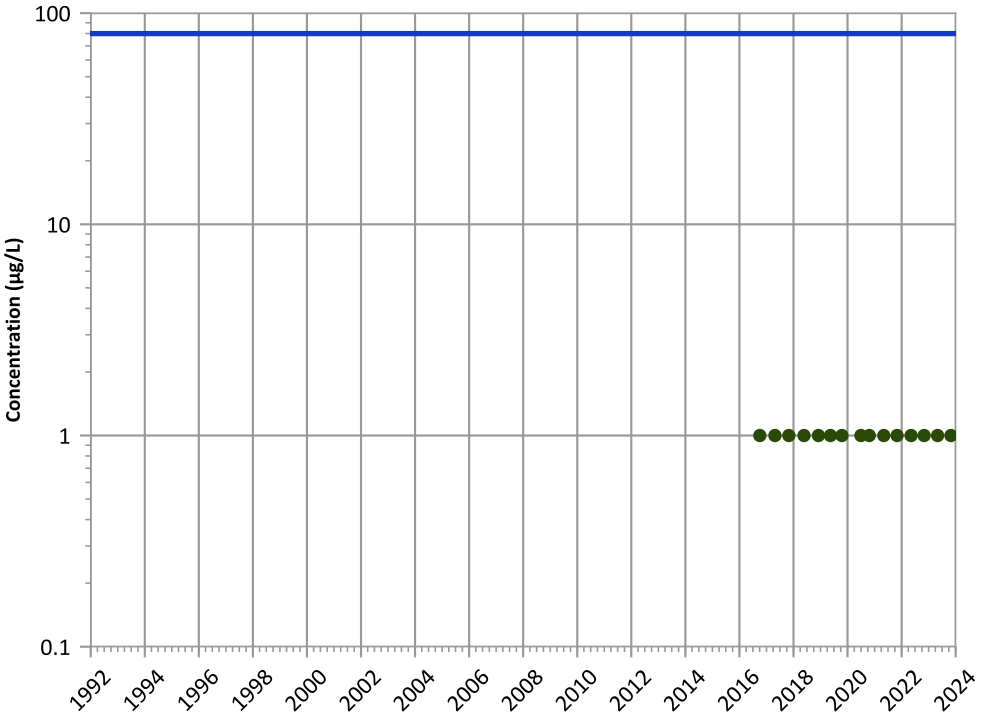
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



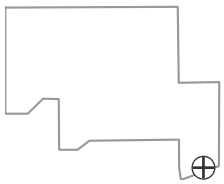
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

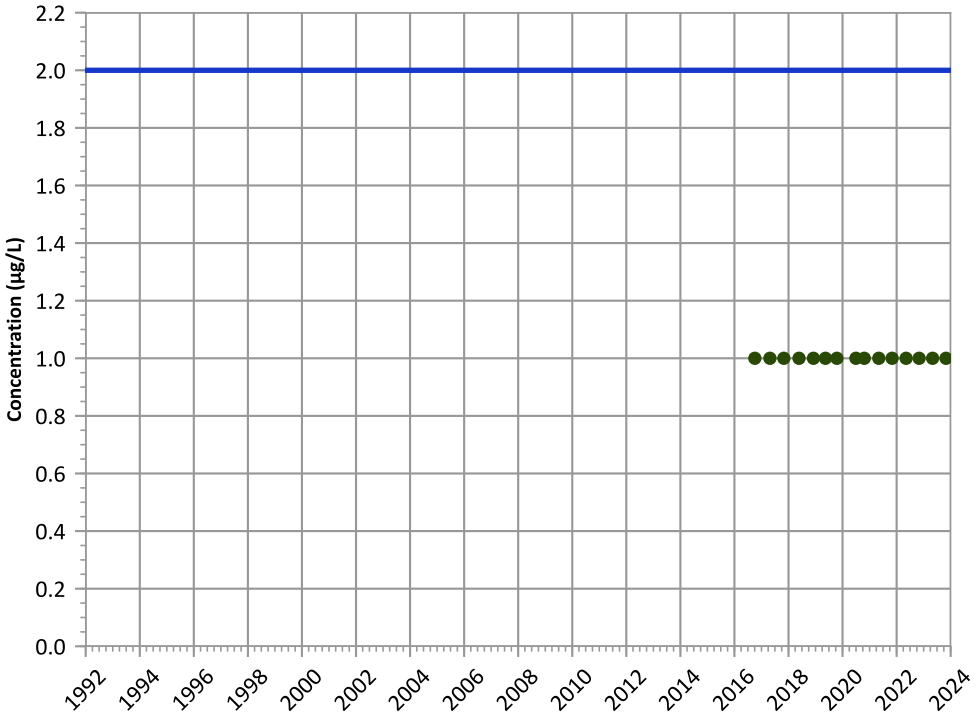
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

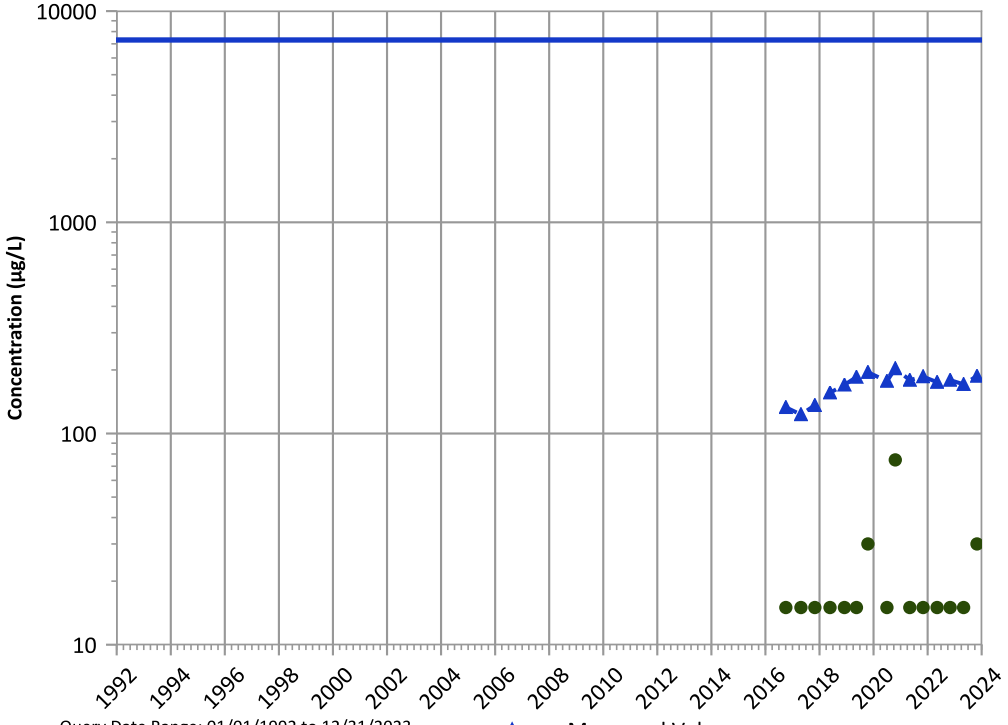


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

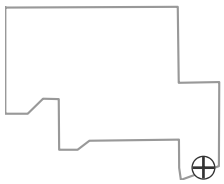
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

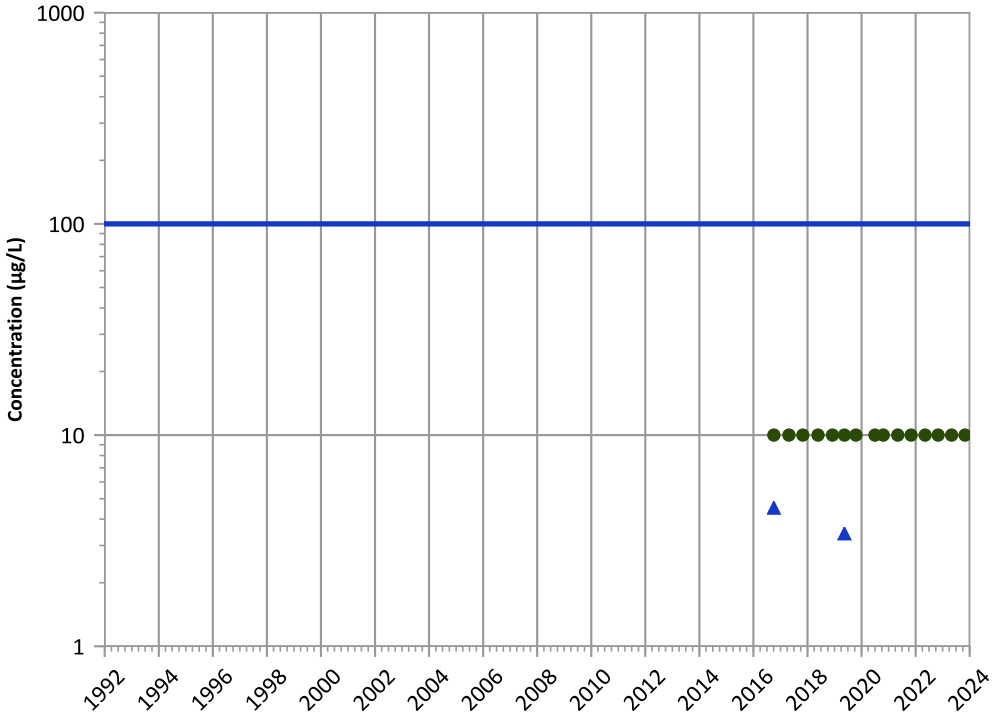
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

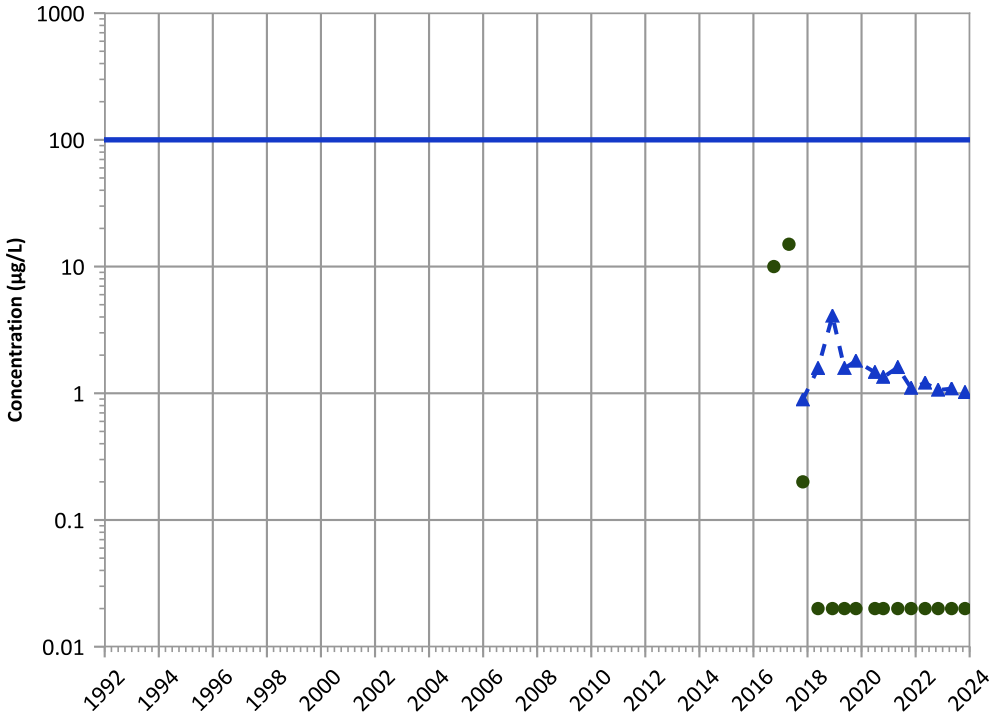


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

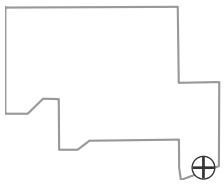
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

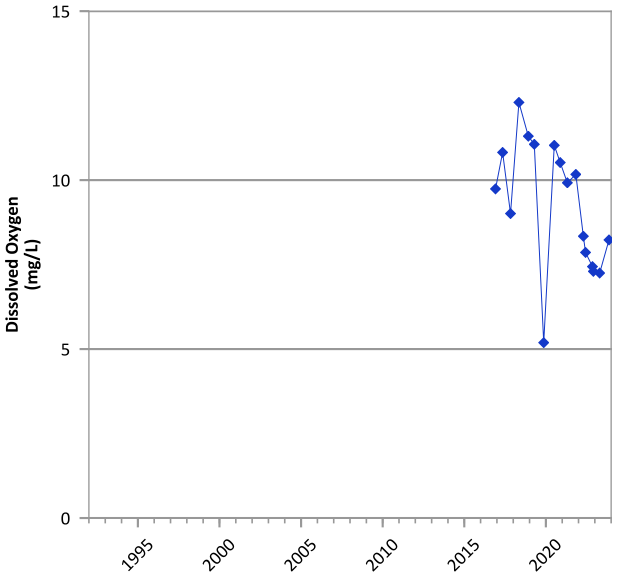
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/03/2016 to 10/30/2023
Analysis Date: 04/01/2024

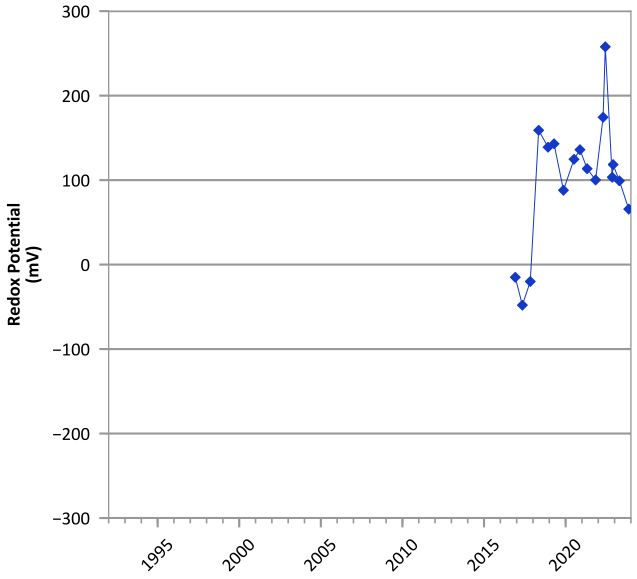
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

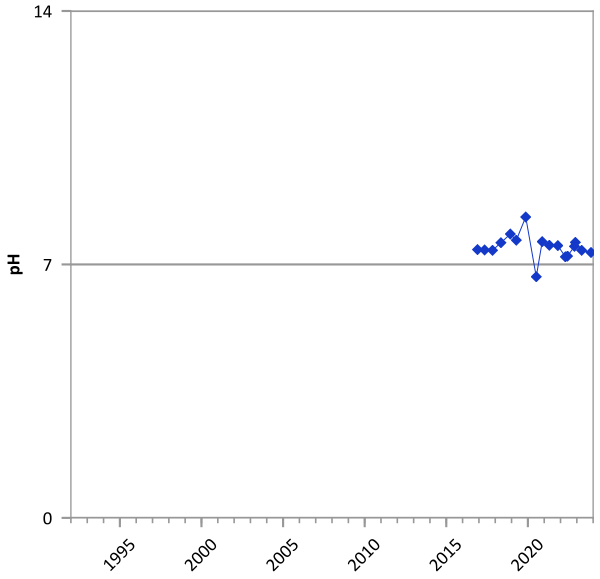
Well Location

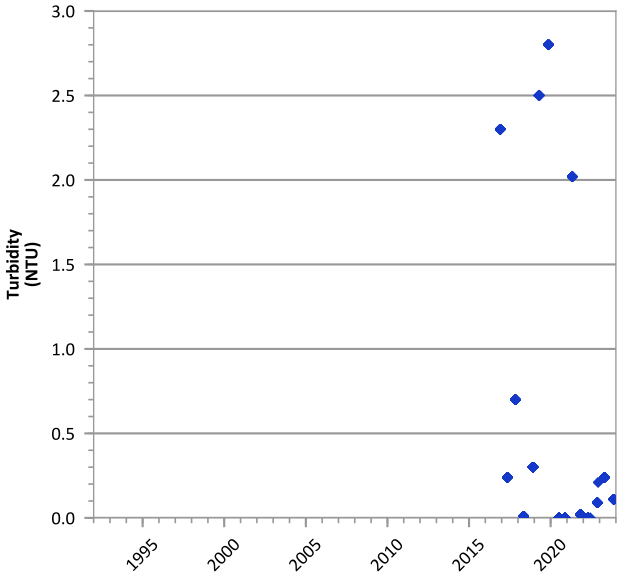


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

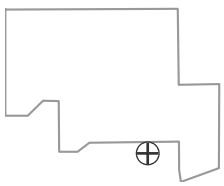






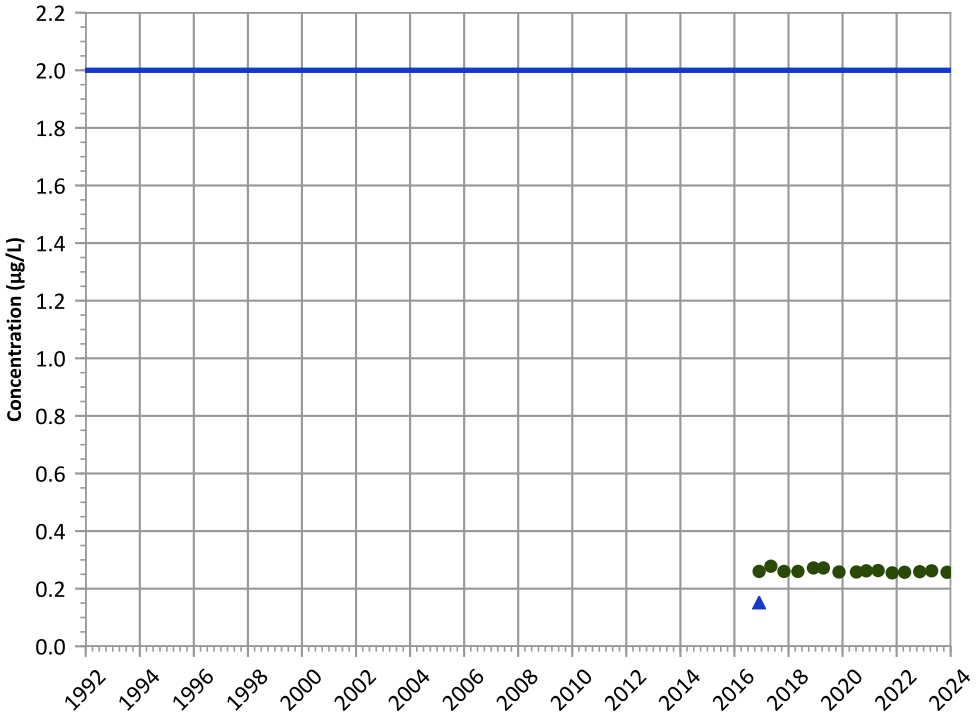


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

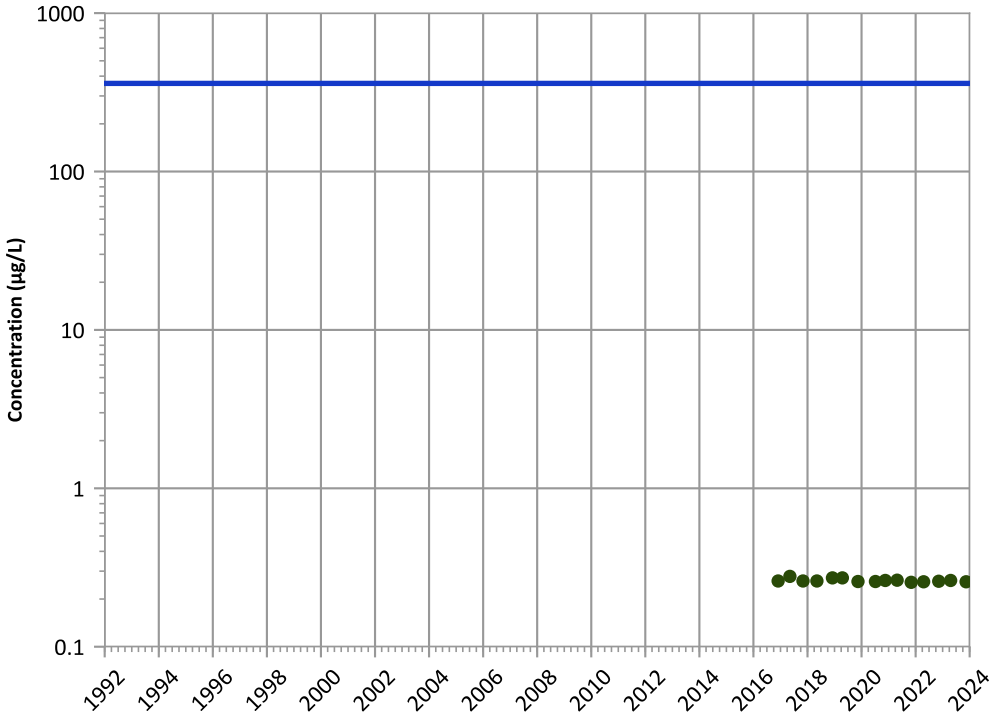


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

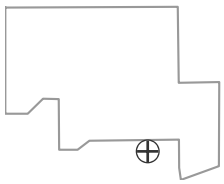
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

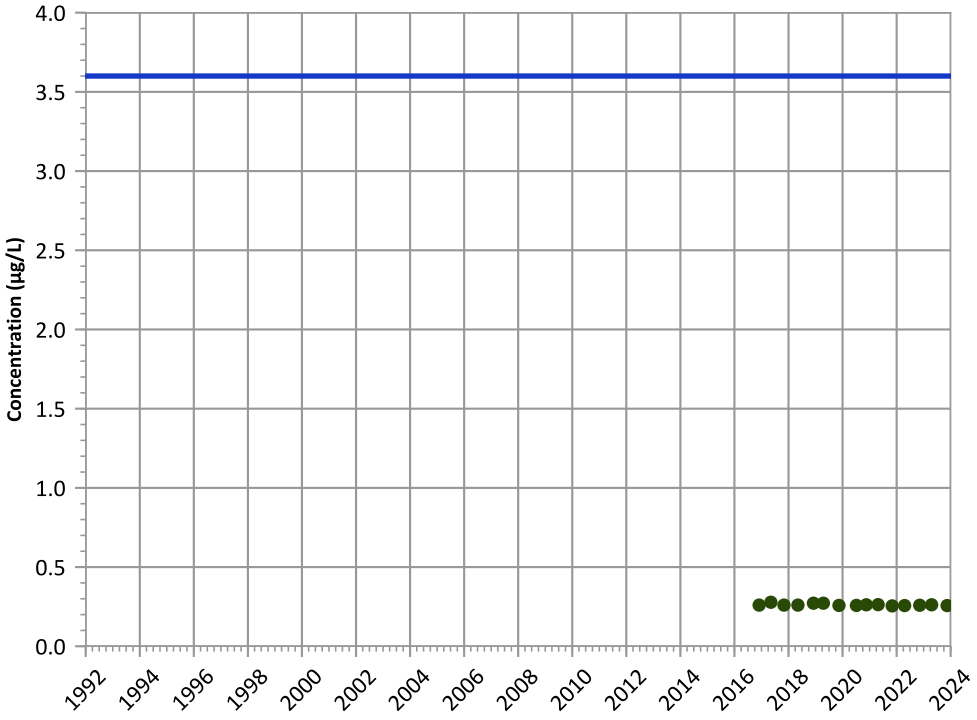
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

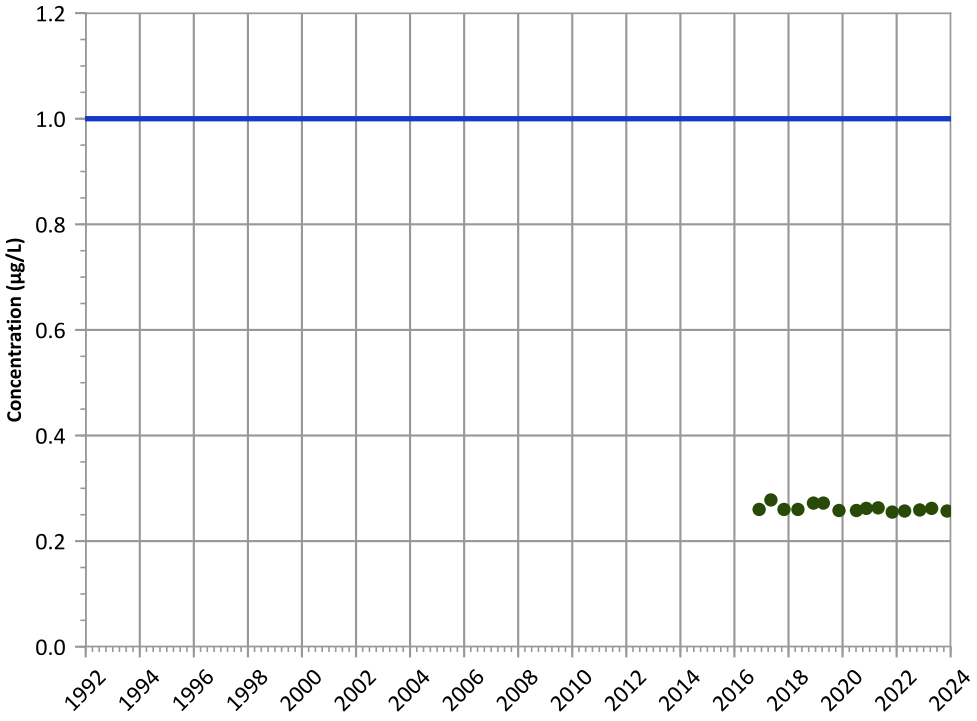


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

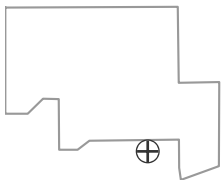
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

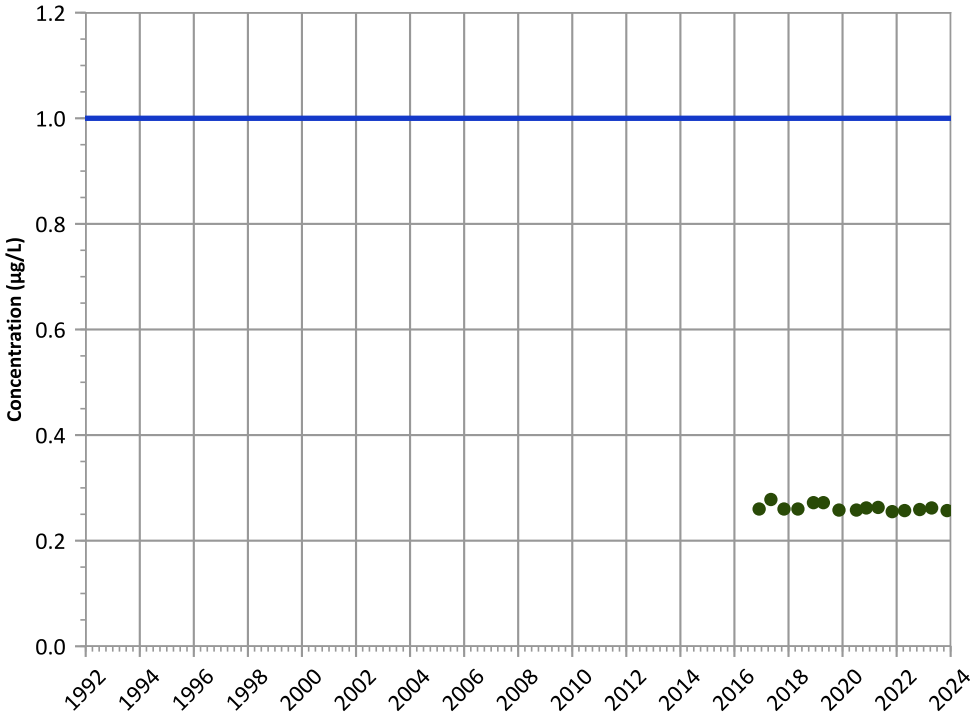
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

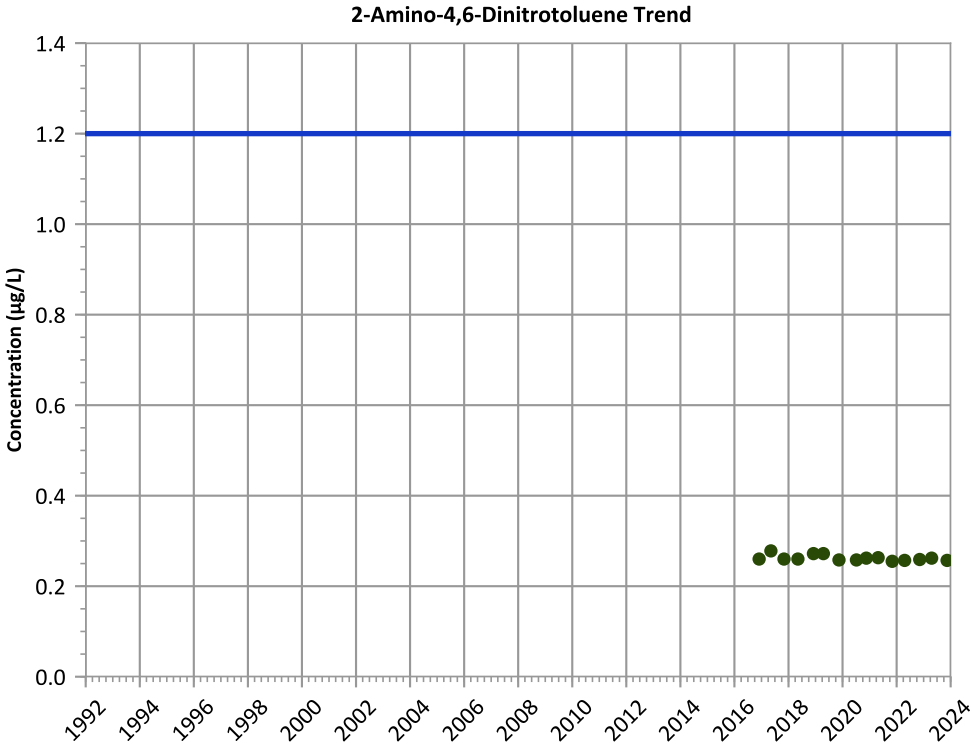


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

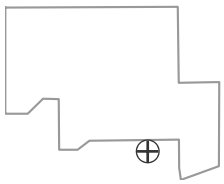
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

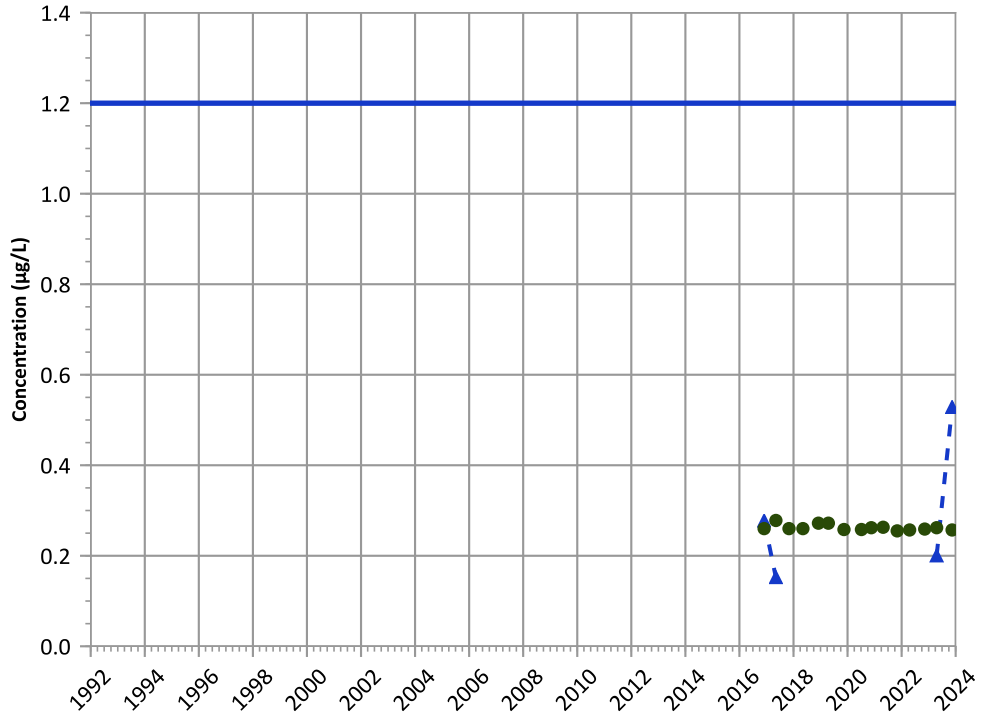
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

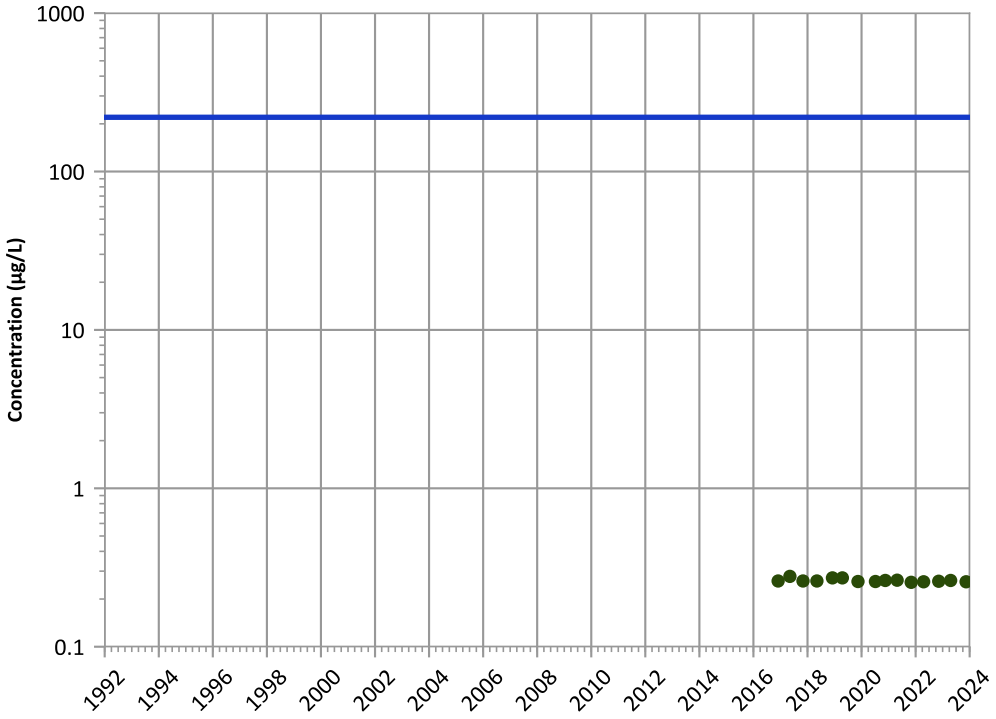


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

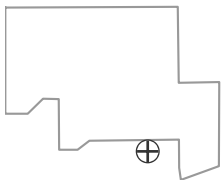
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

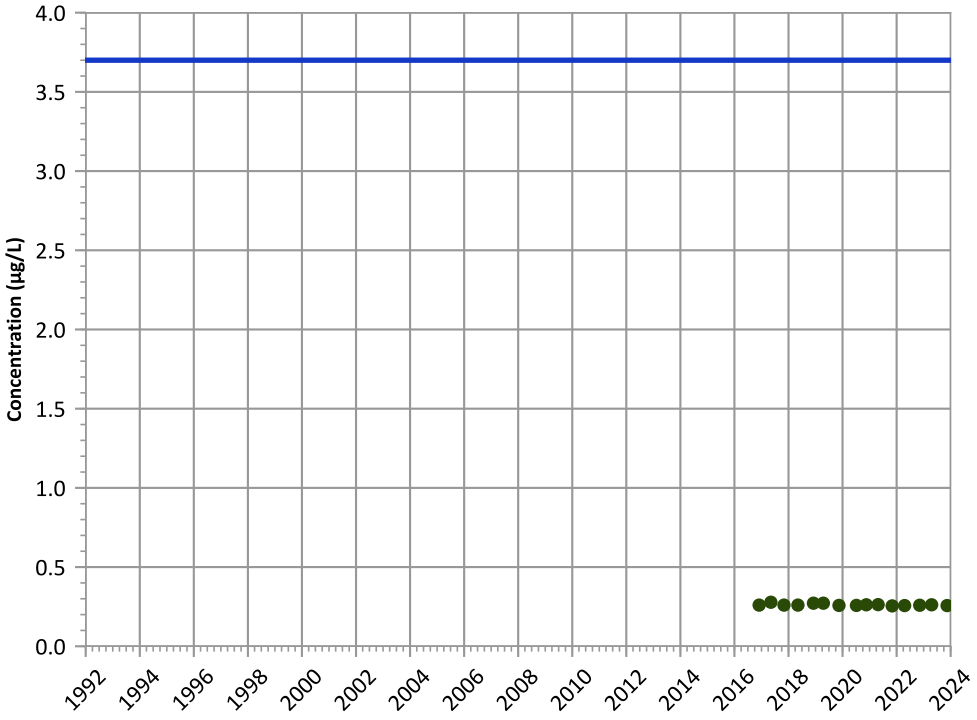
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

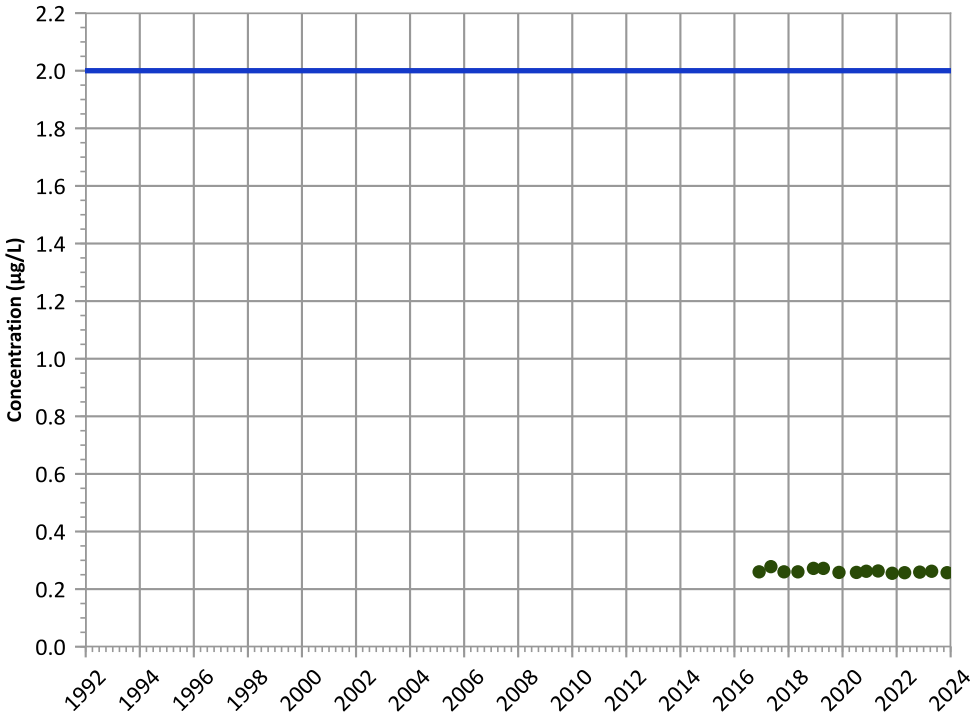


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

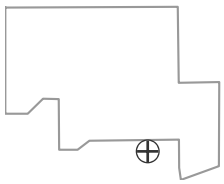
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

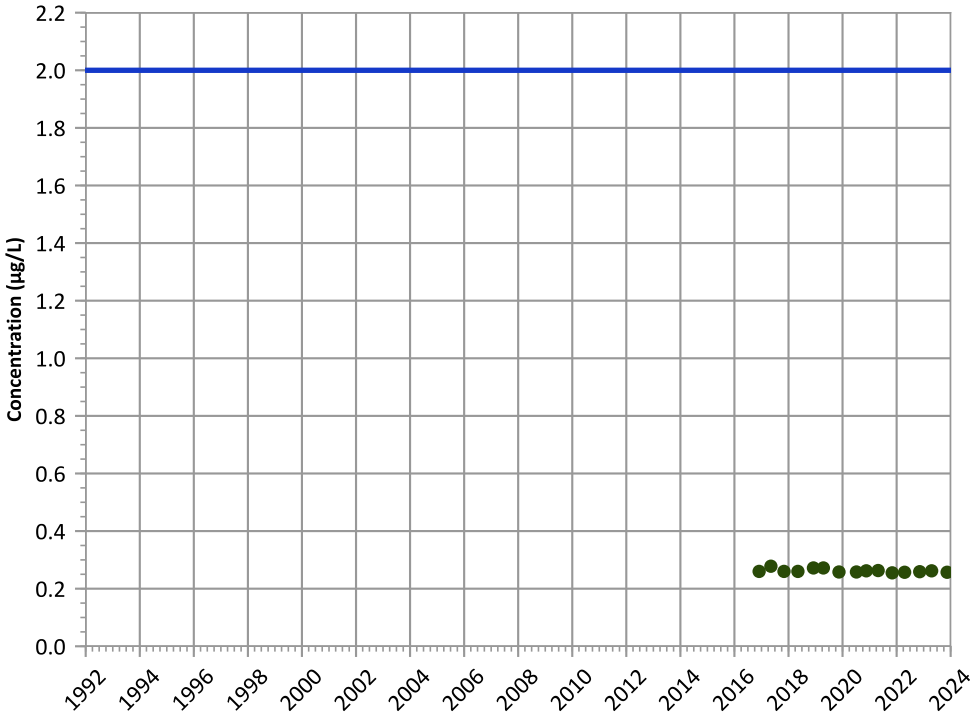
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

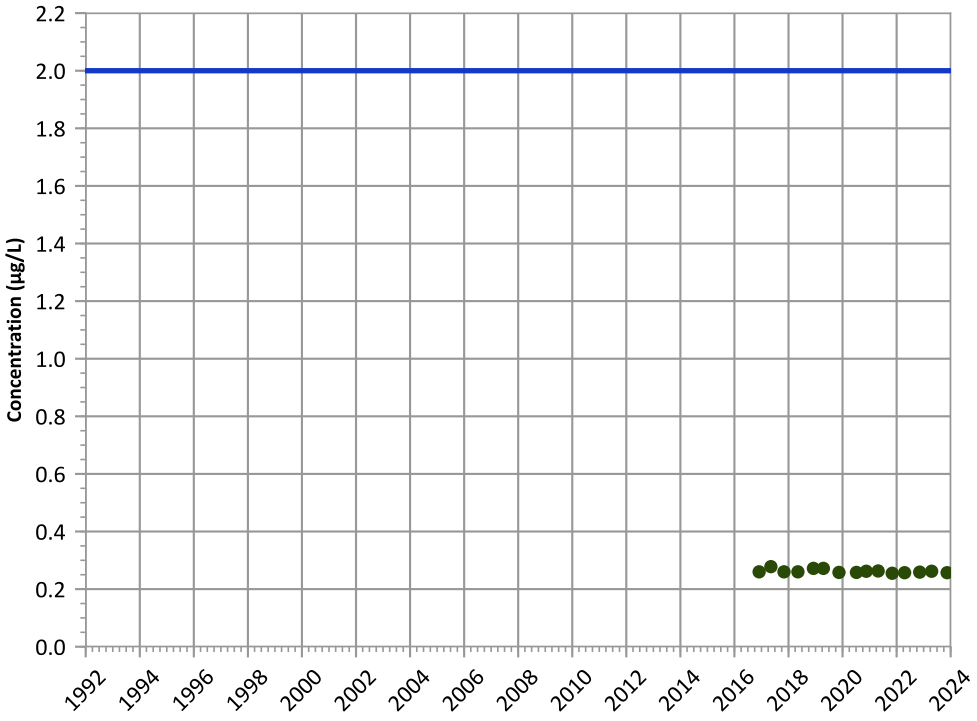


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

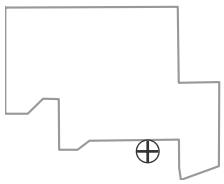
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

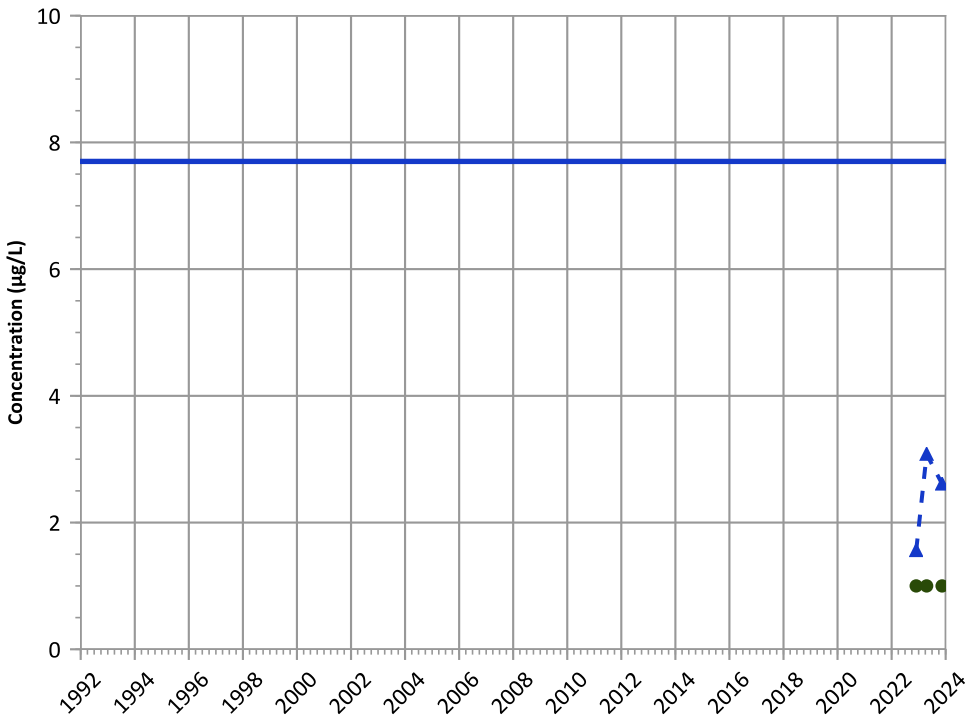
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

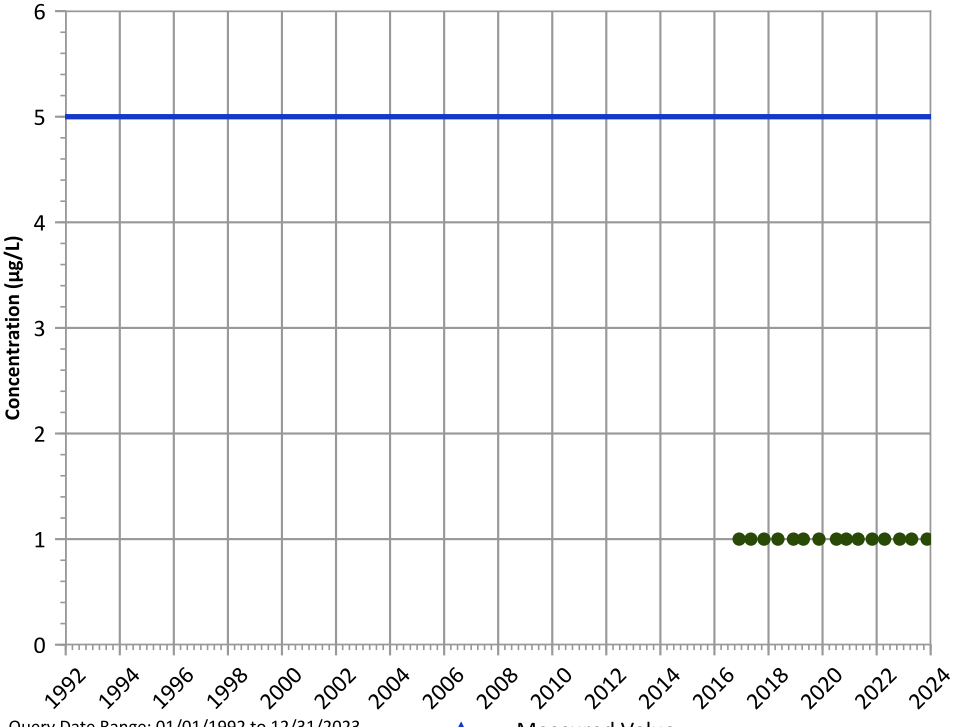


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

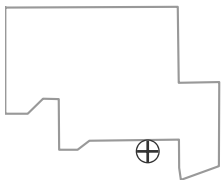
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

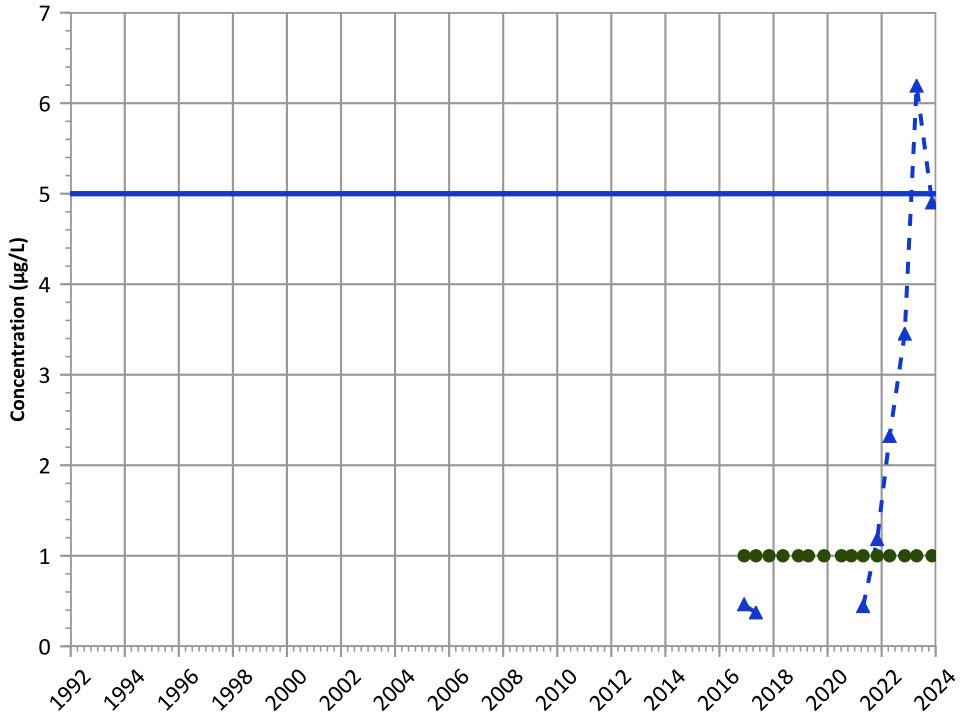
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

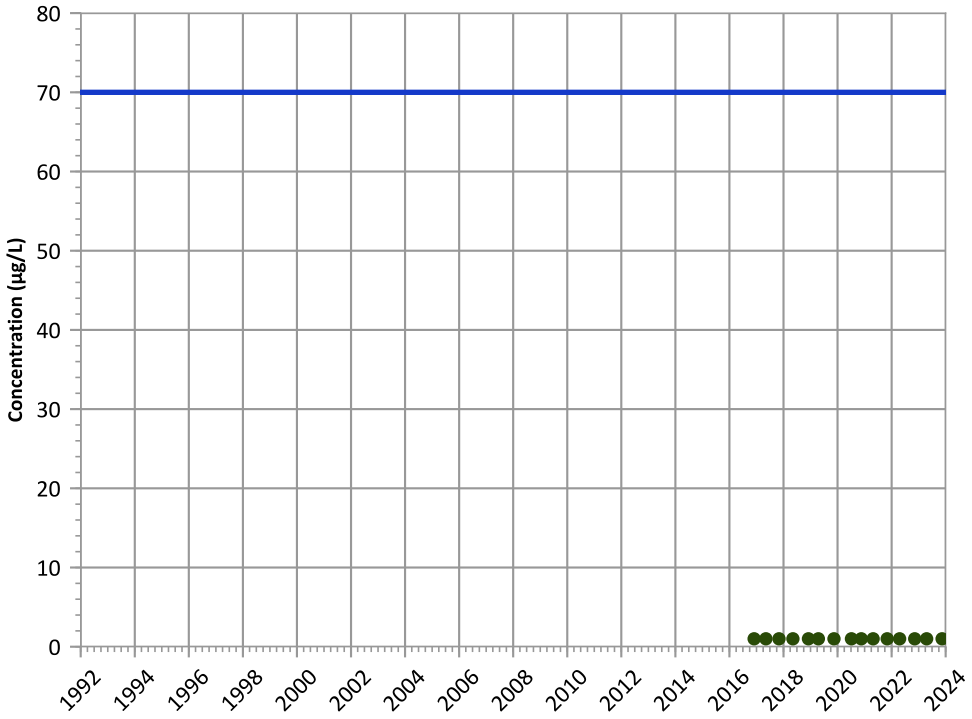


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

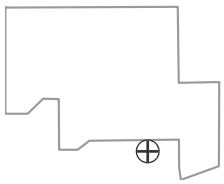
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

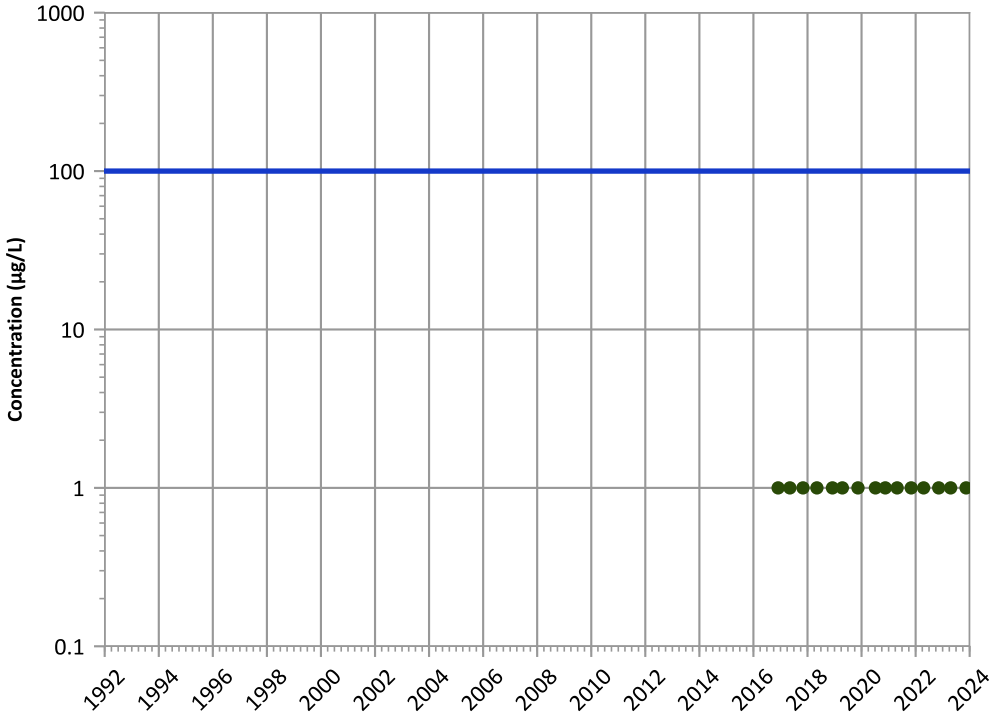
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

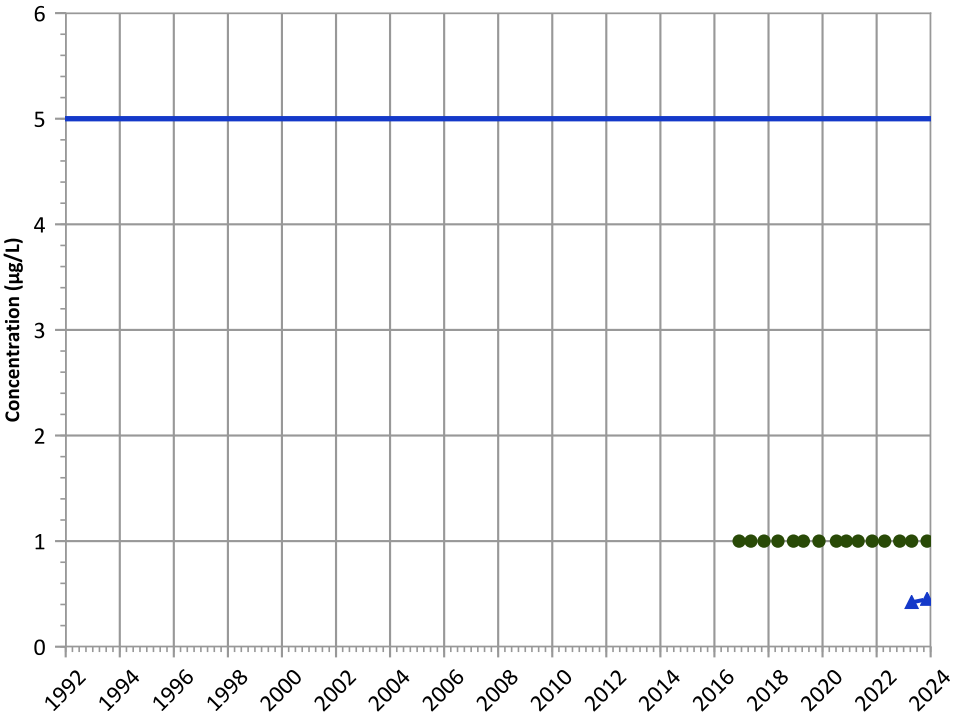


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

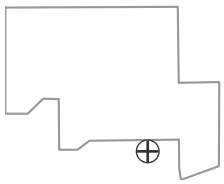
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

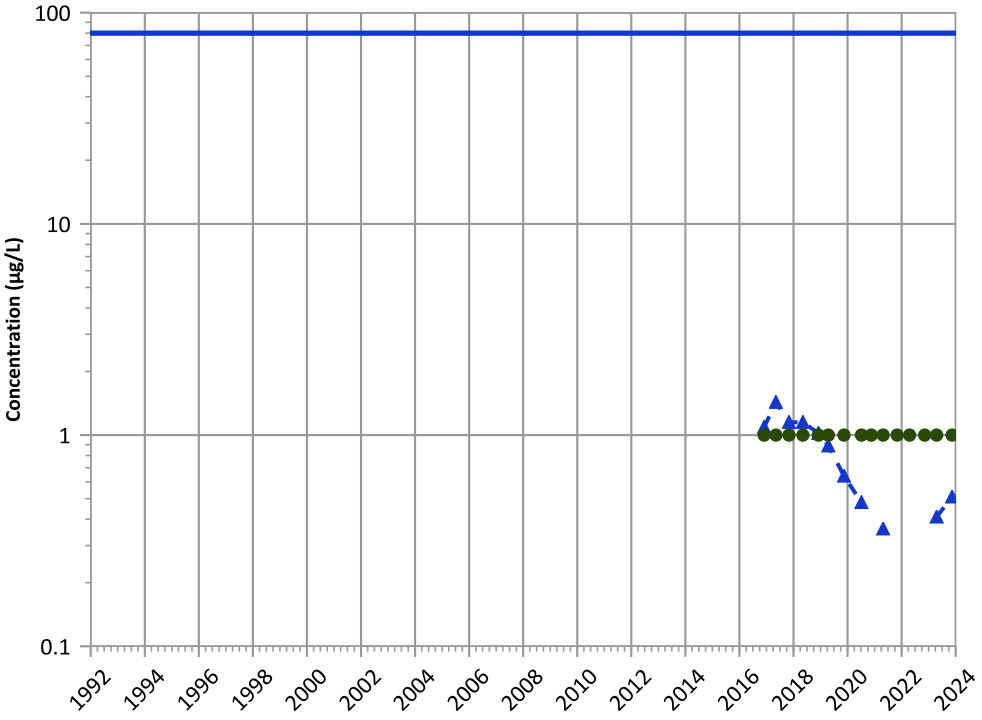
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

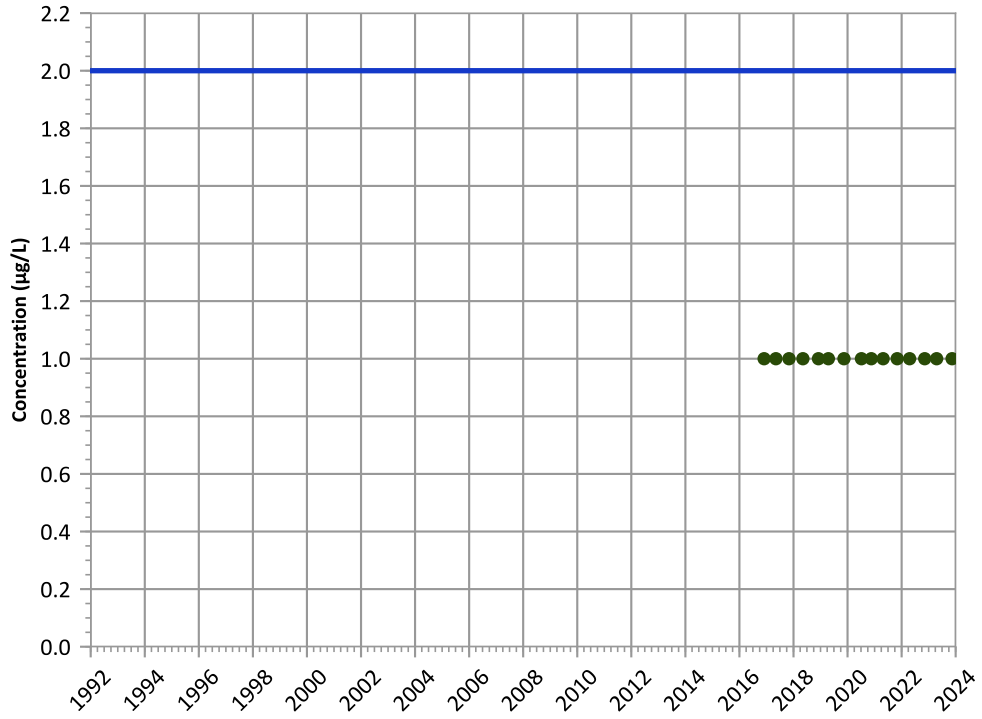


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

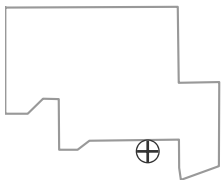
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

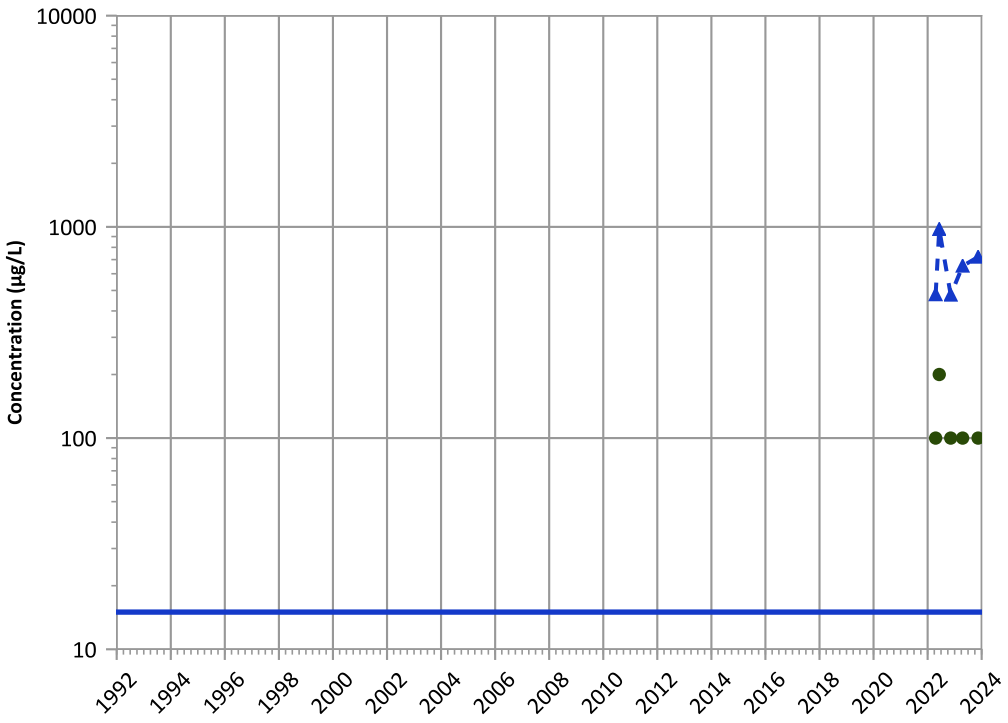
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

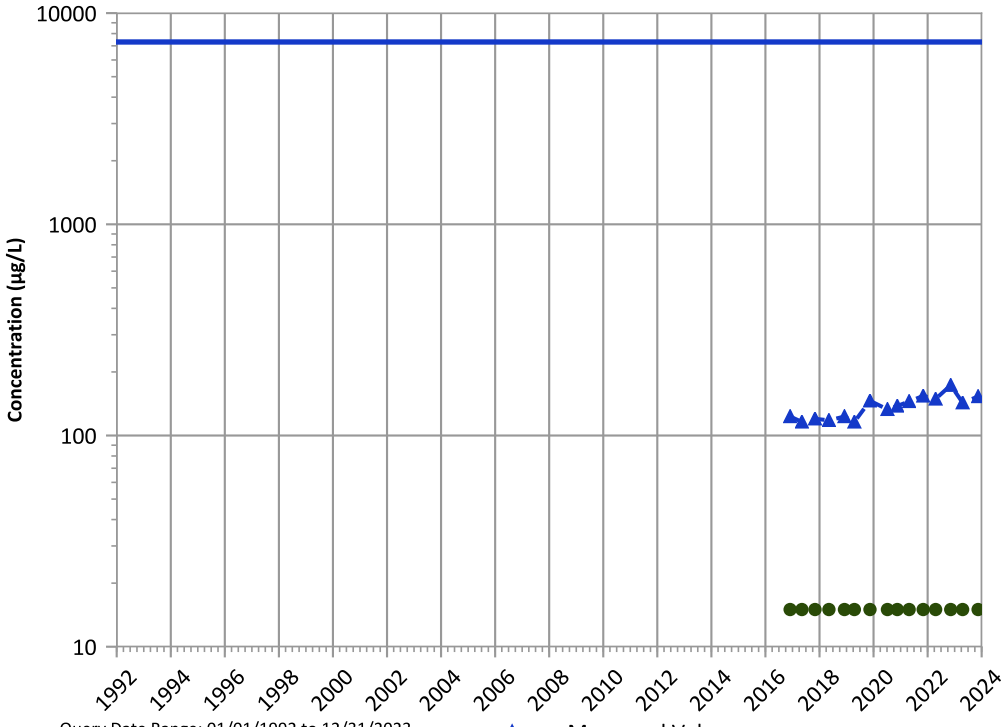


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

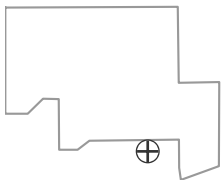
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

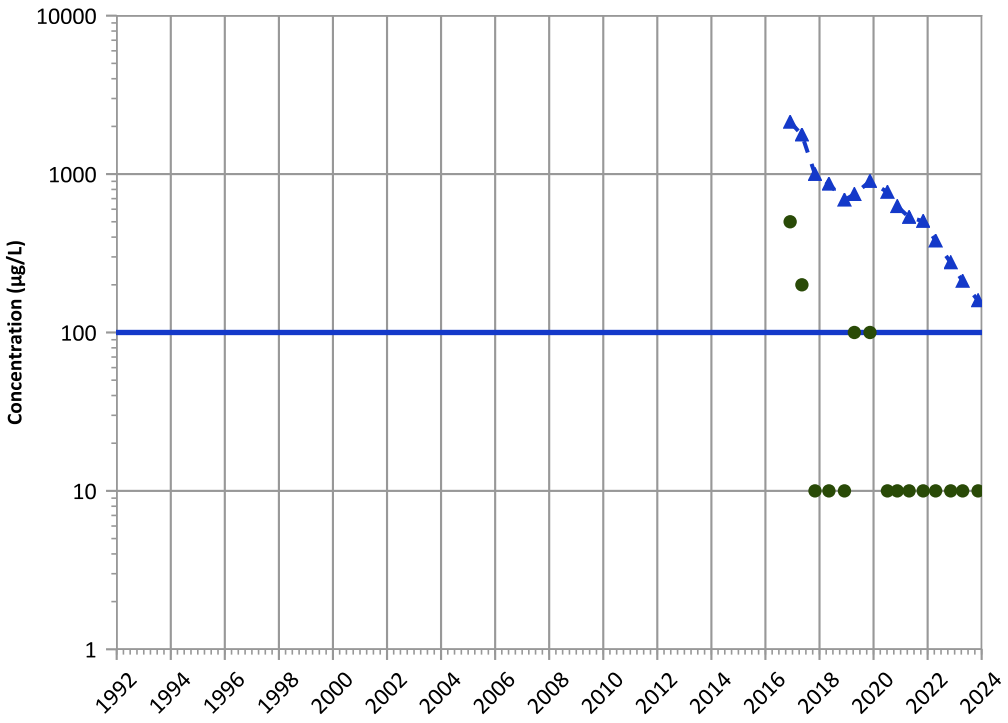
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

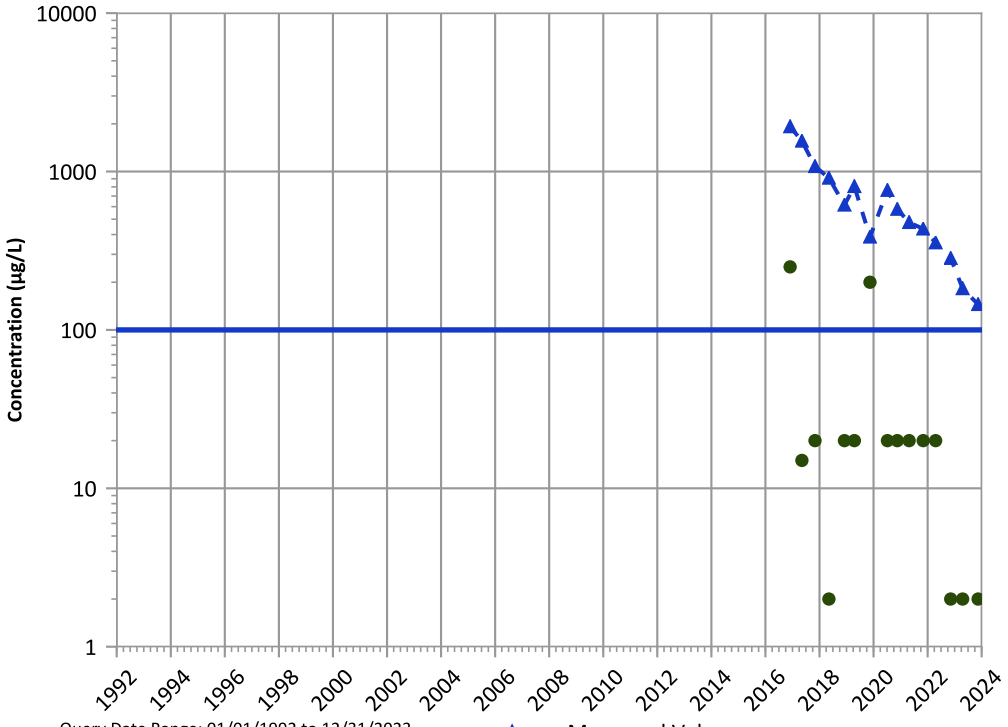


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

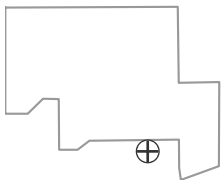
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

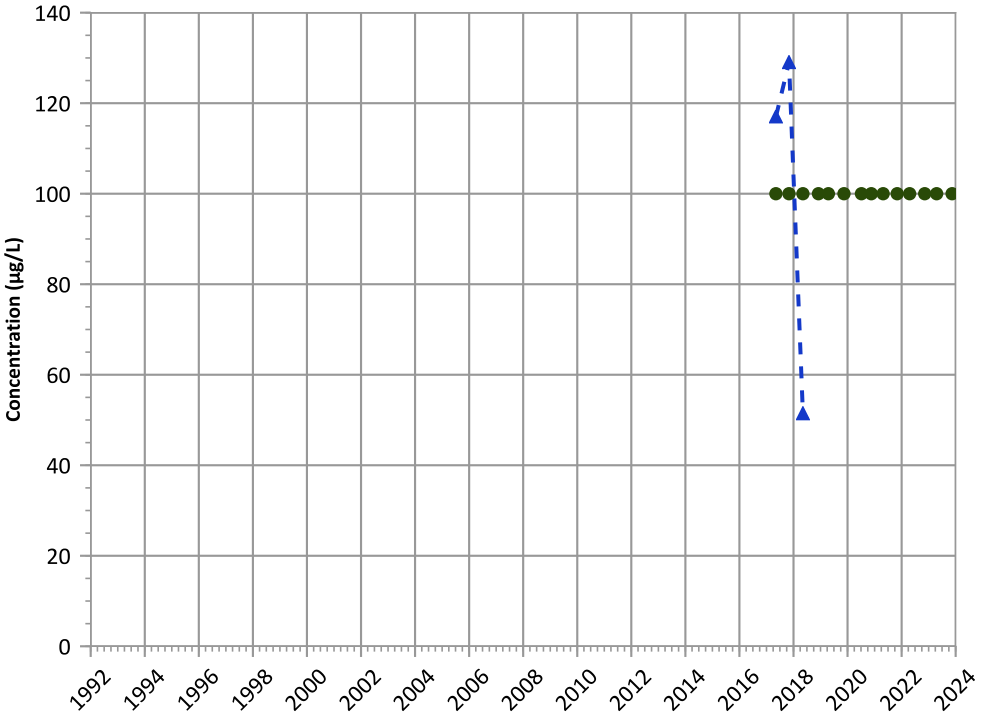
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

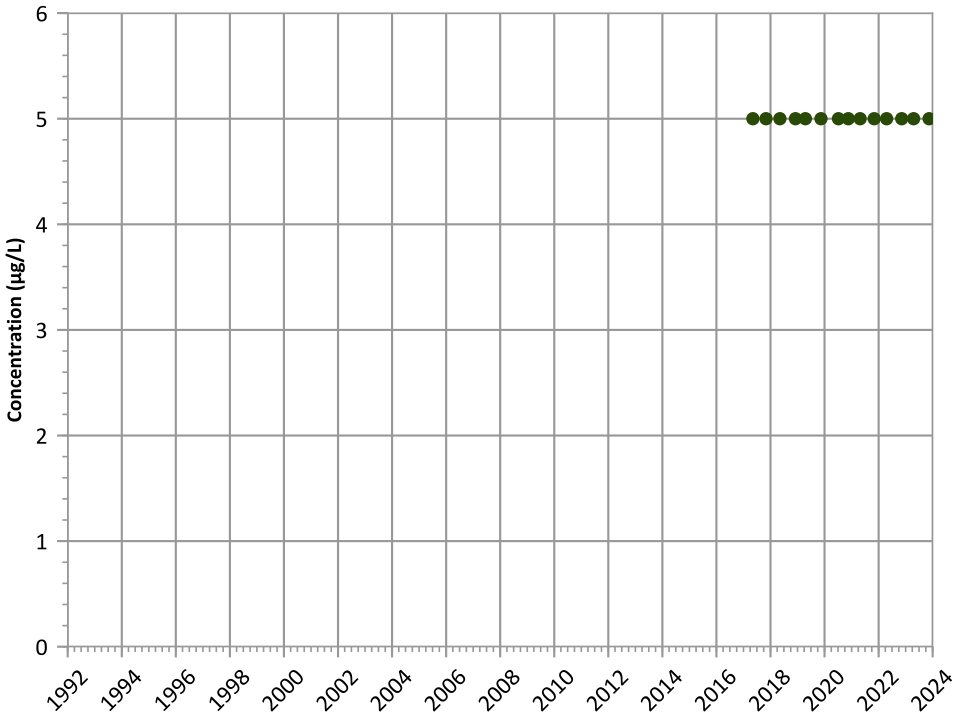


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

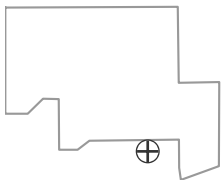
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

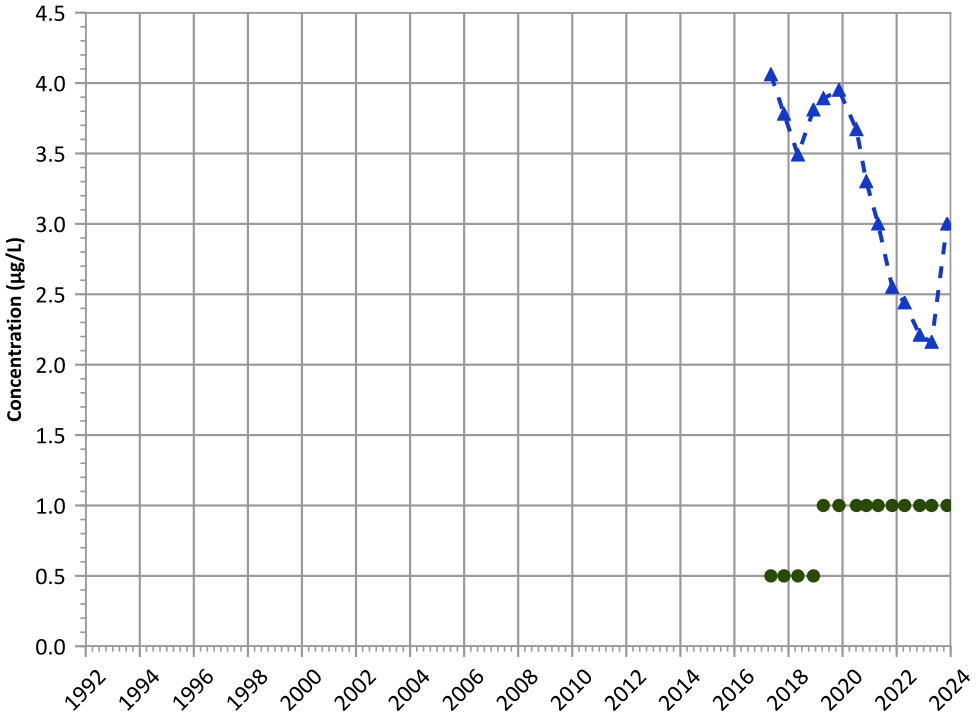
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

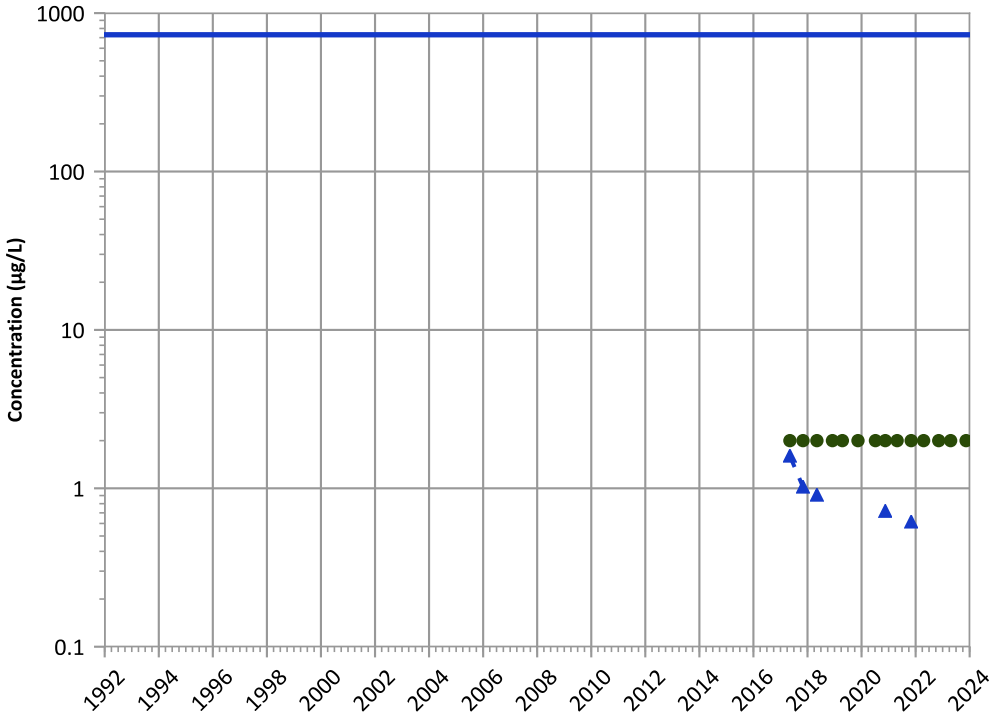


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Nickel Trend



Concentration Trend

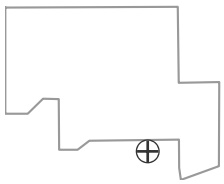
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

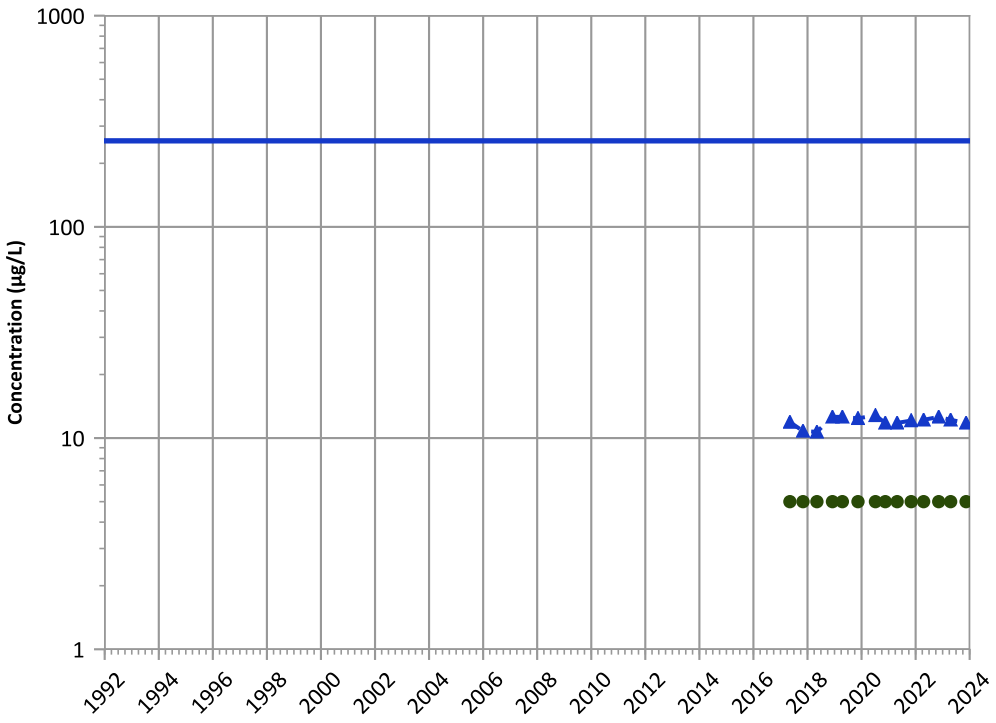
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

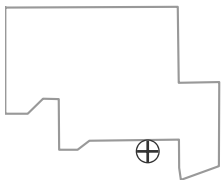
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

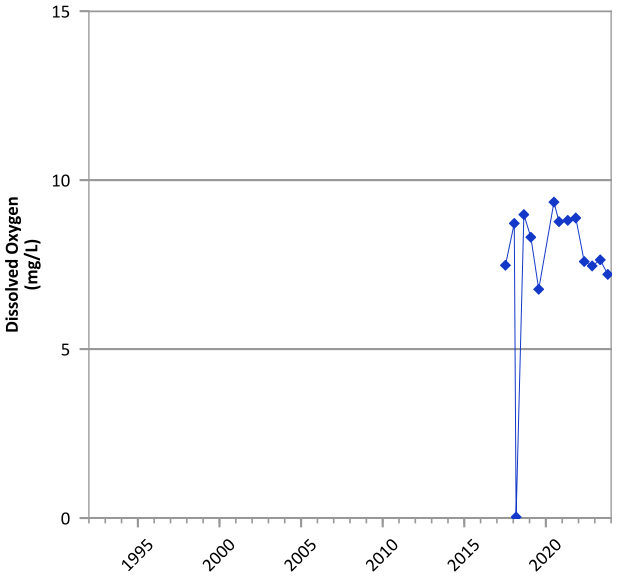
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/30/2016 to 11/14/2023
Analysis Date: 04/01/2024

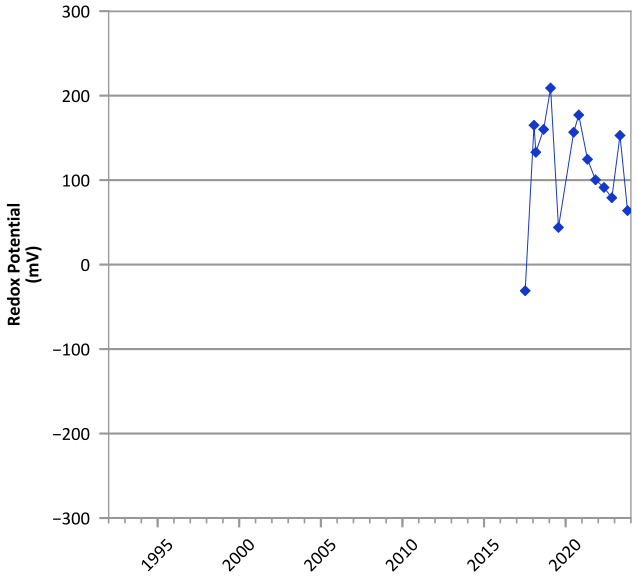
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

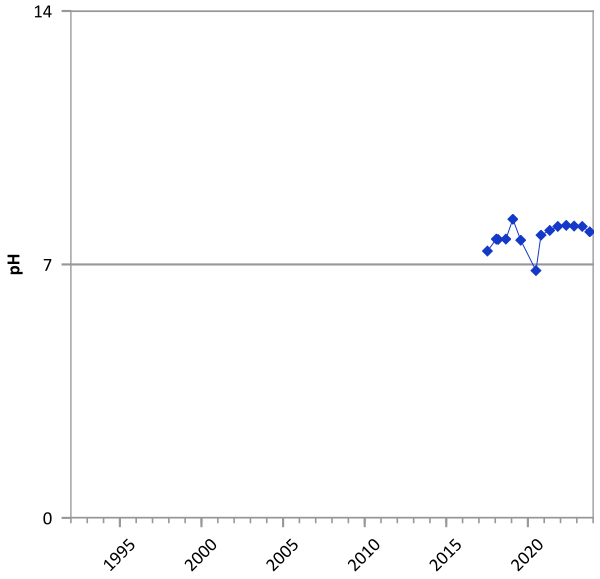
Well Location

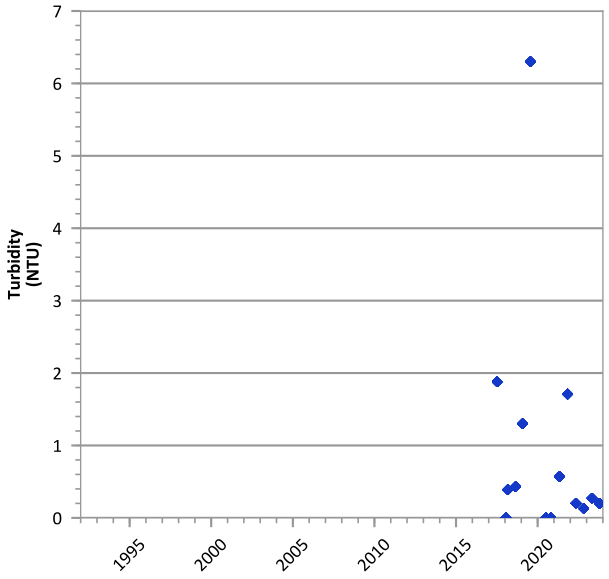


PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

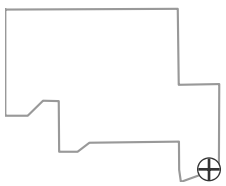






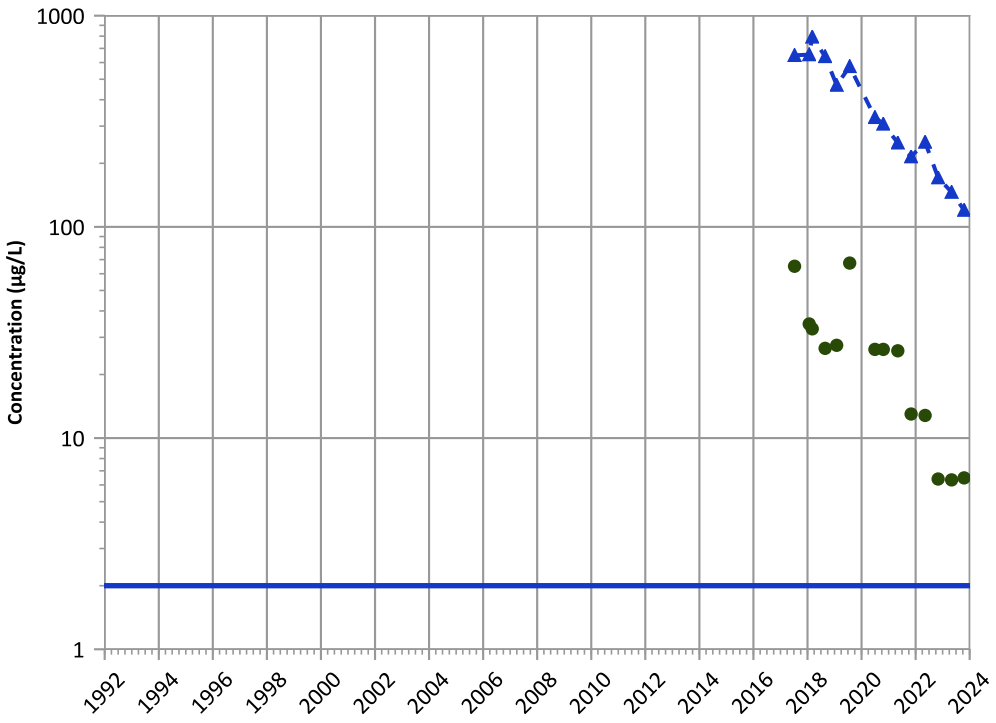


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

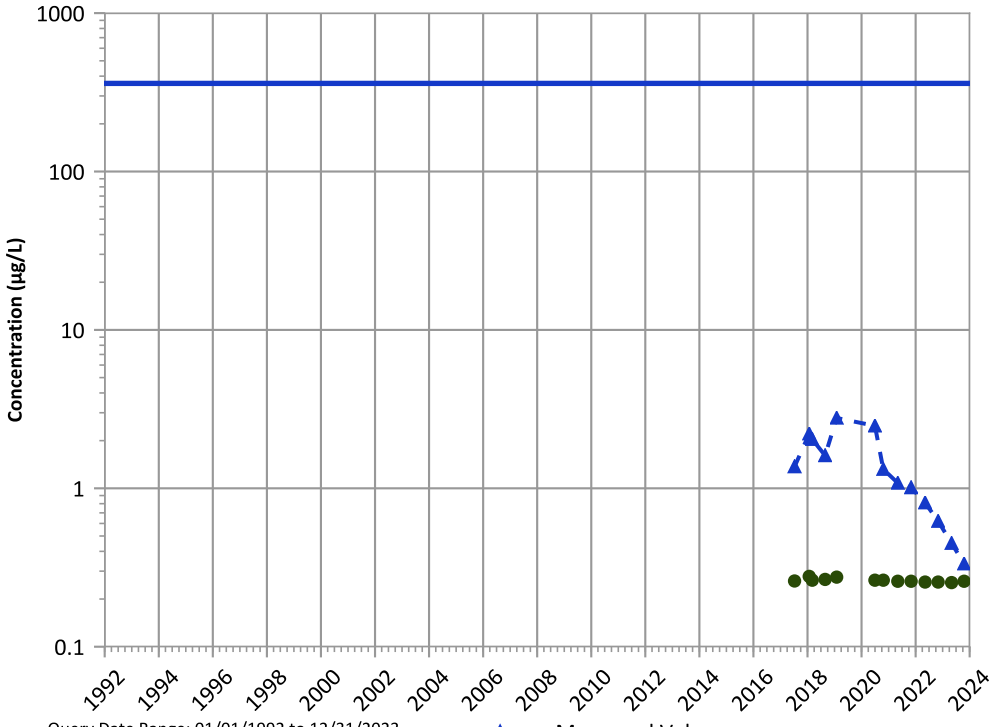


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

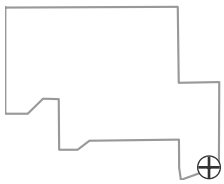
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

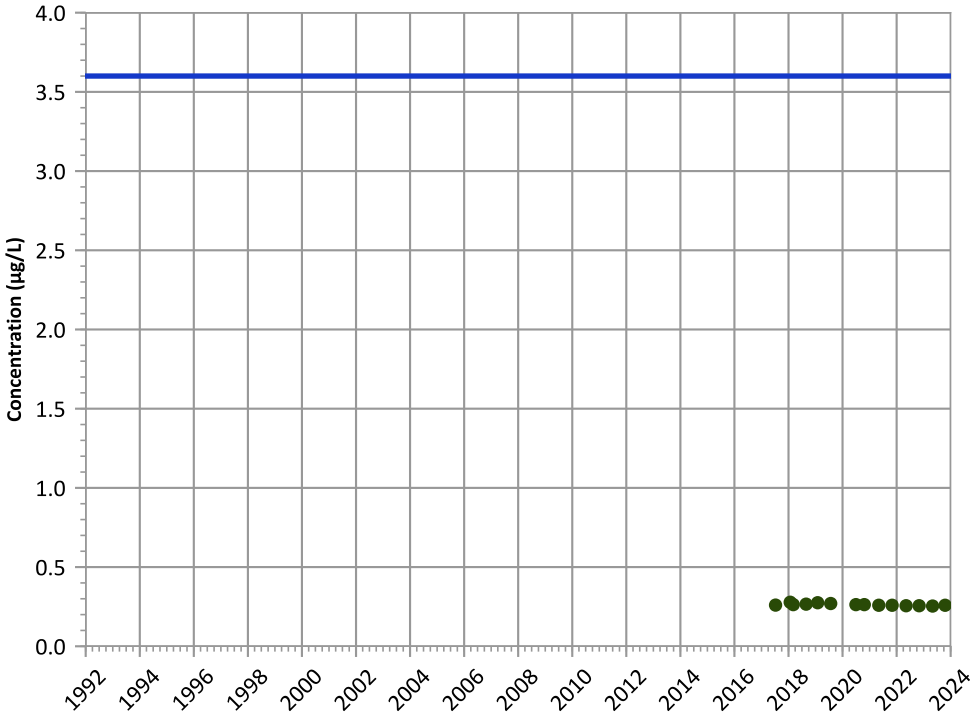
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

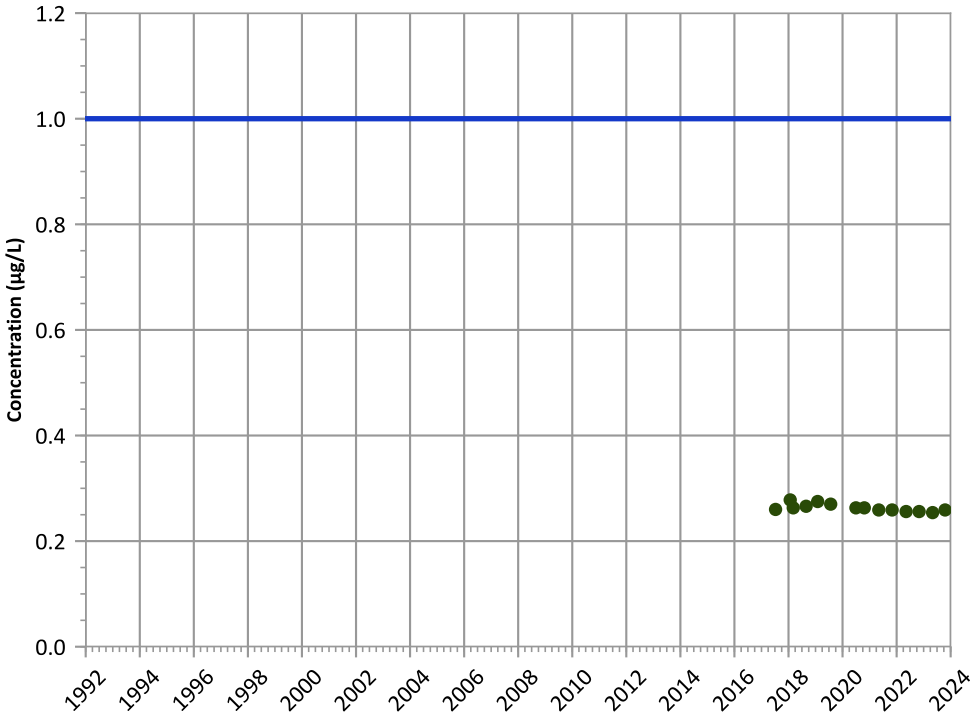


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

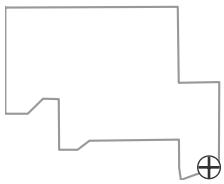
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

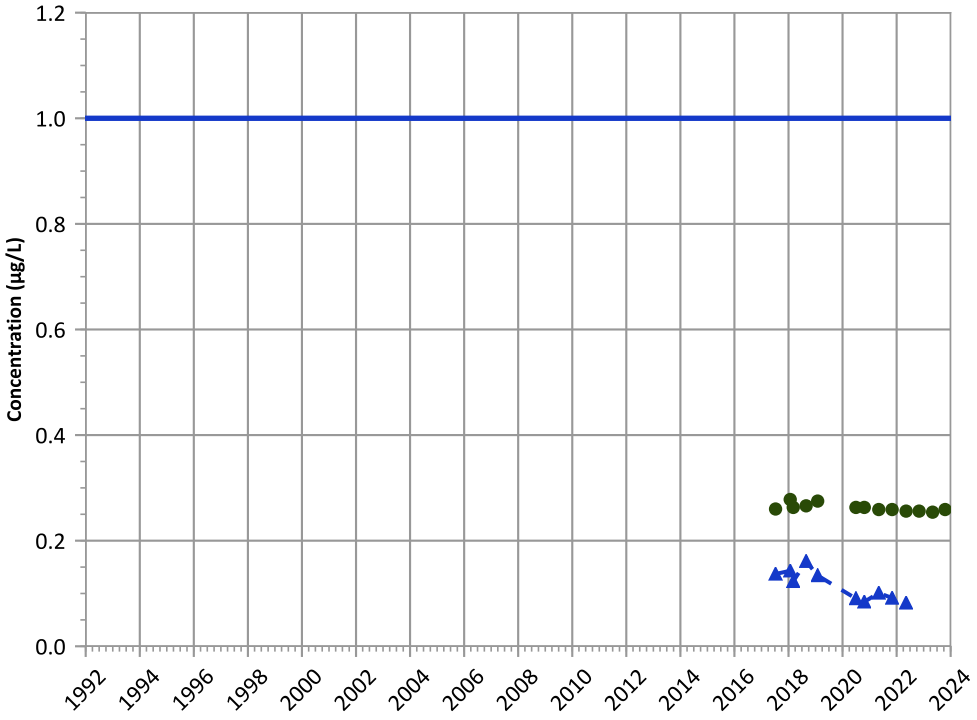
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

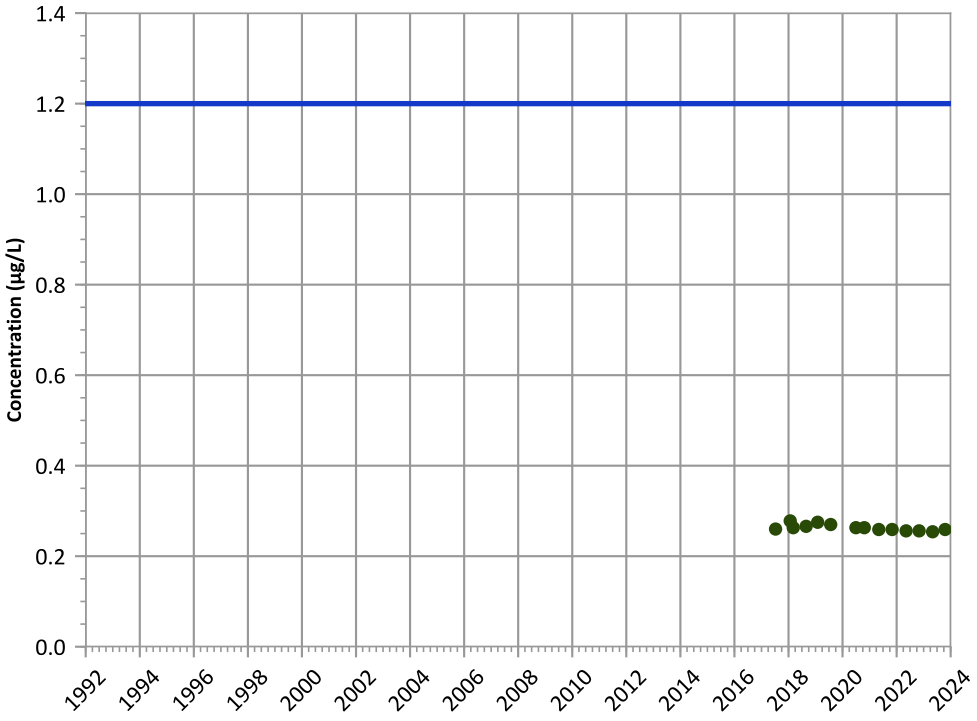


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

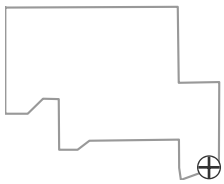
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

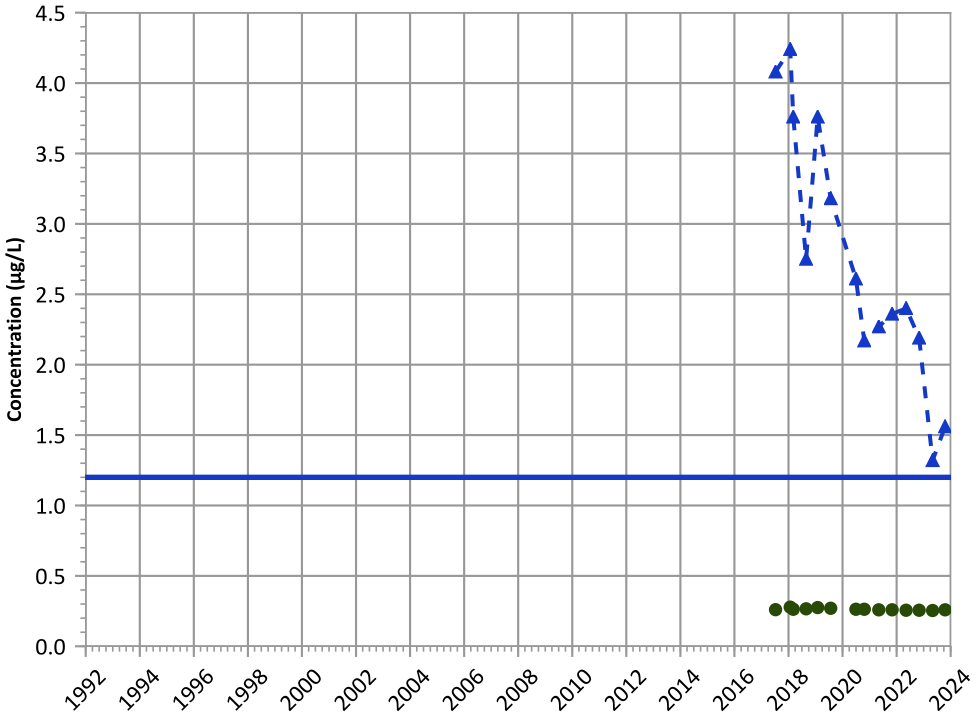
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

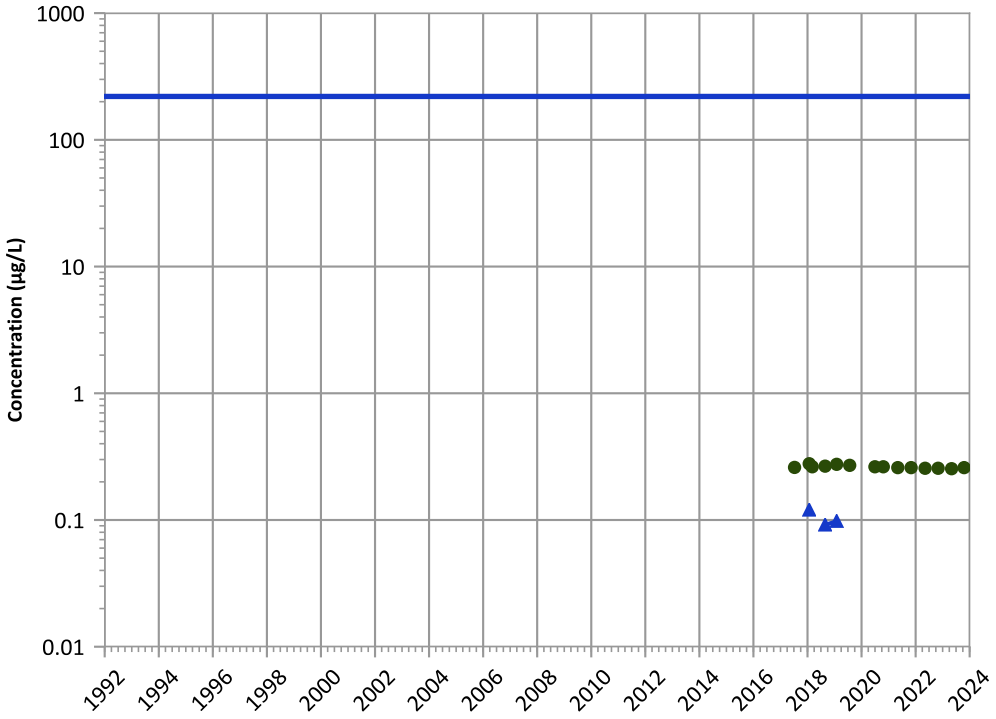


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

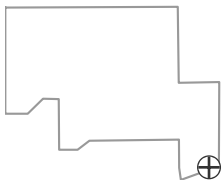
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

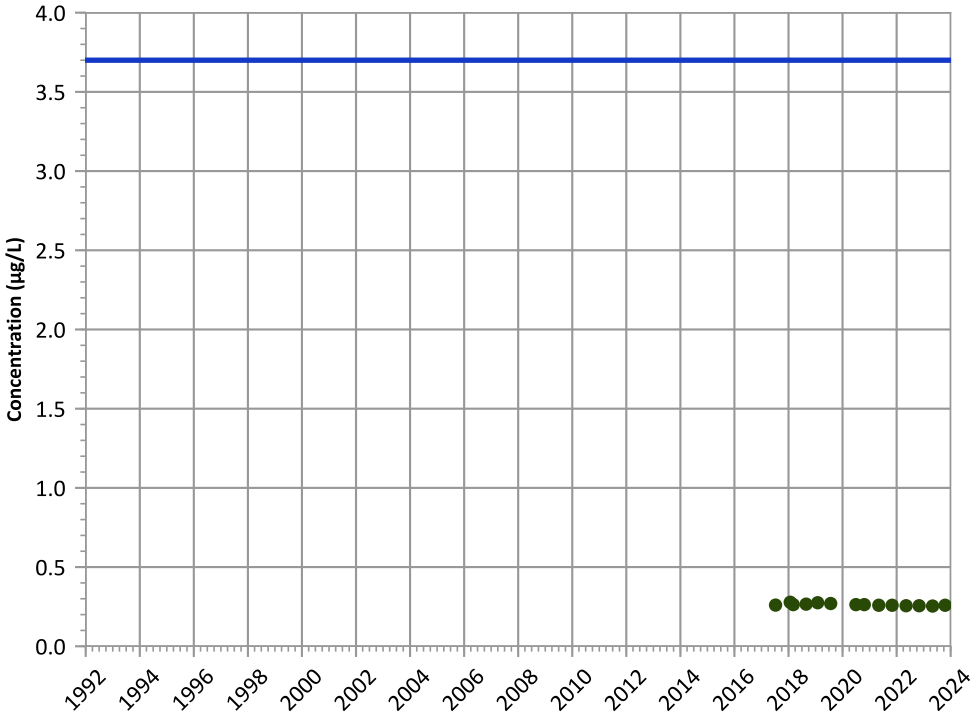
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

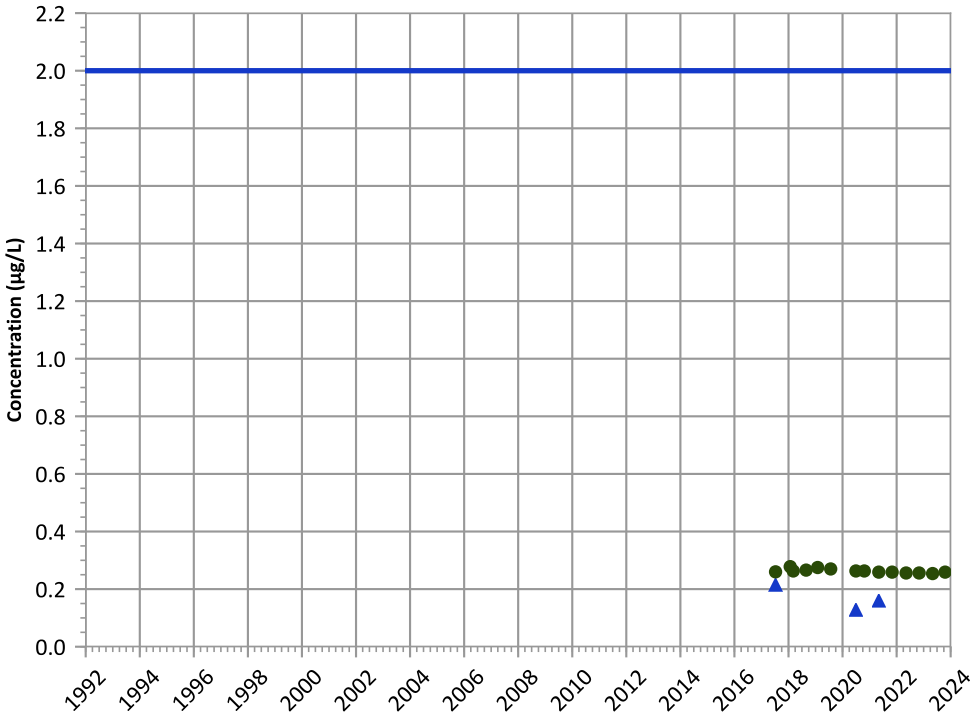


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

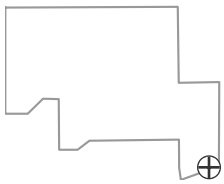
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

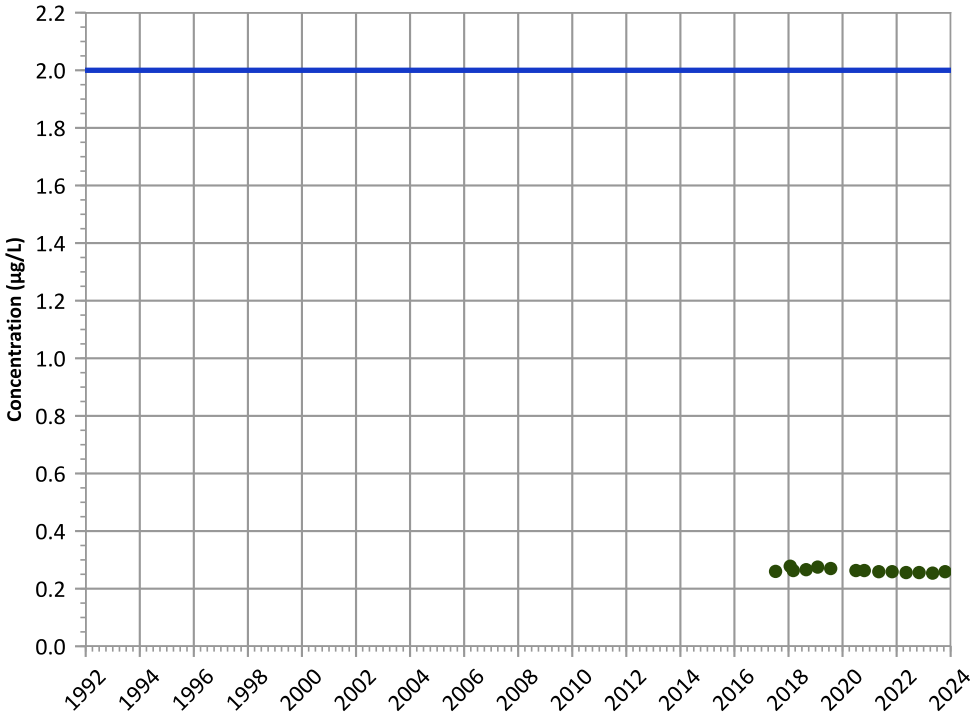
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

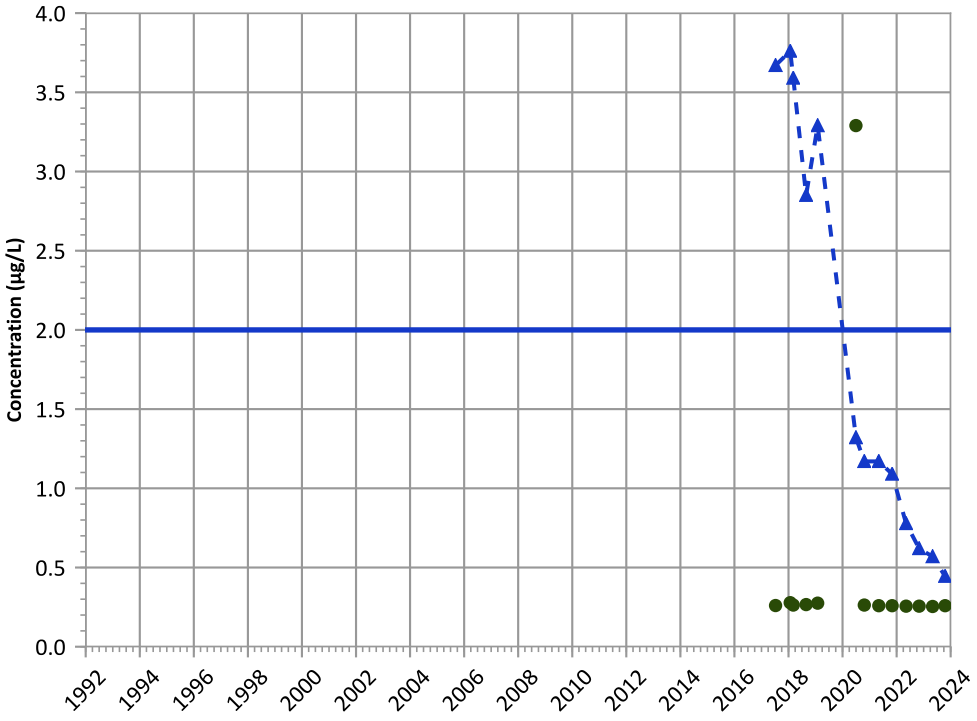


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

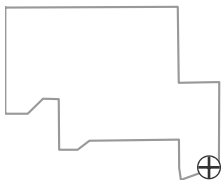
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

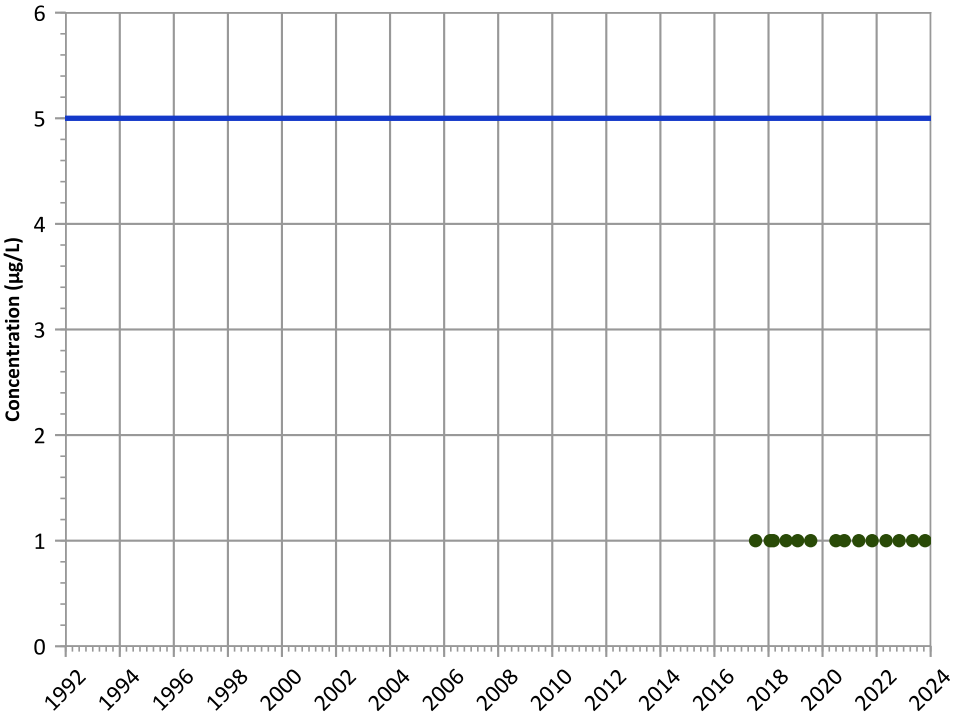
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

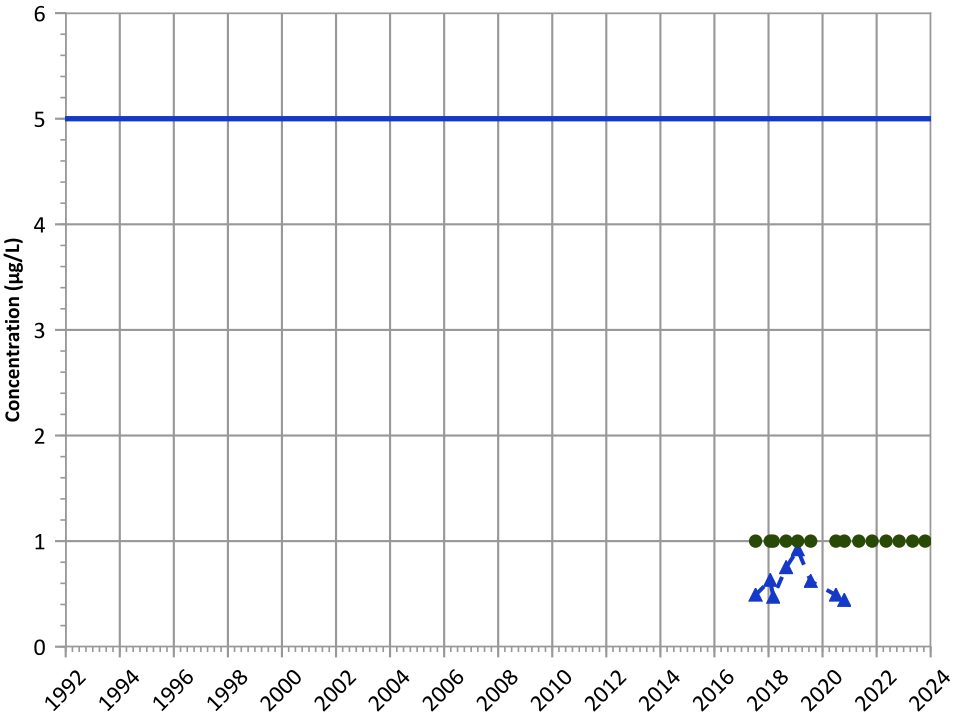


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

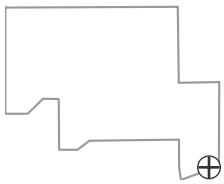
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

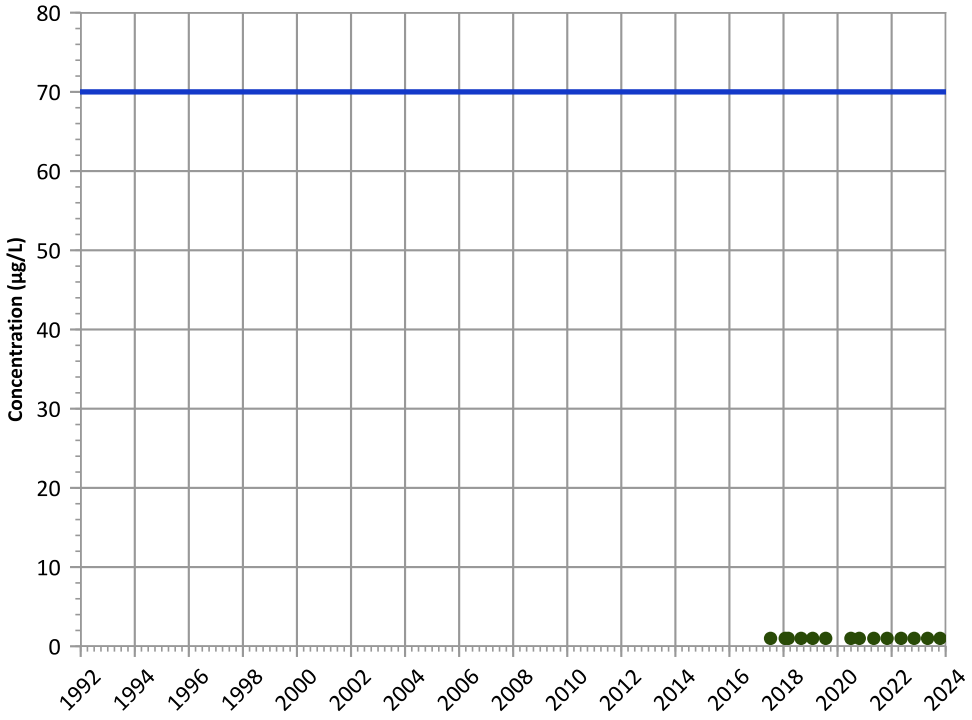
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

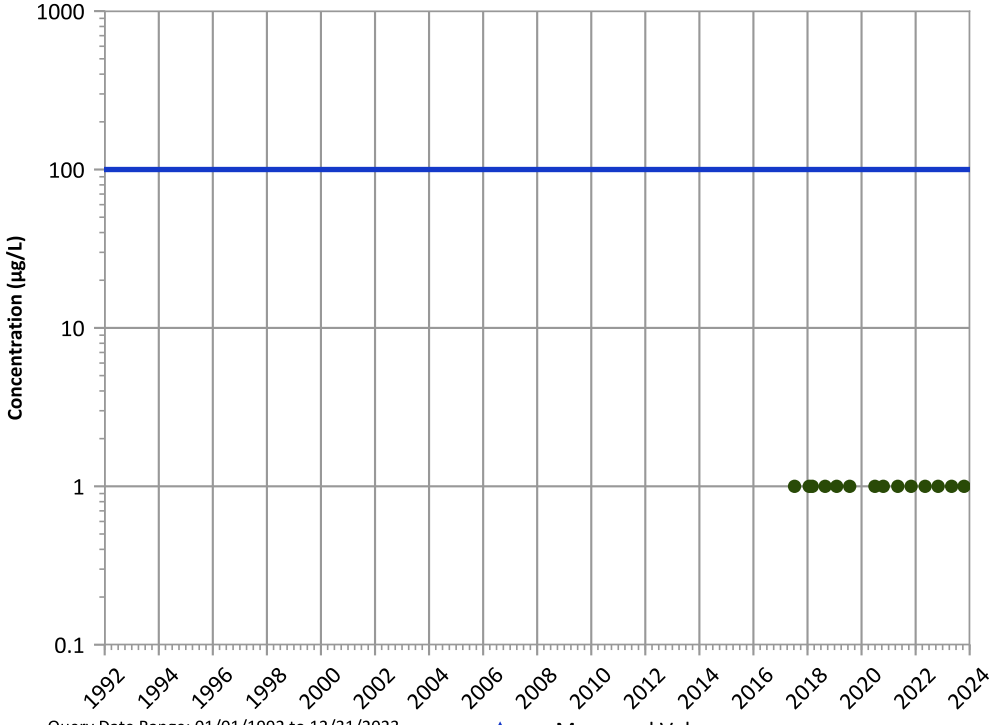


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

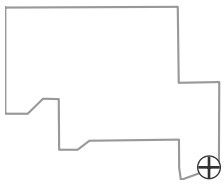
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

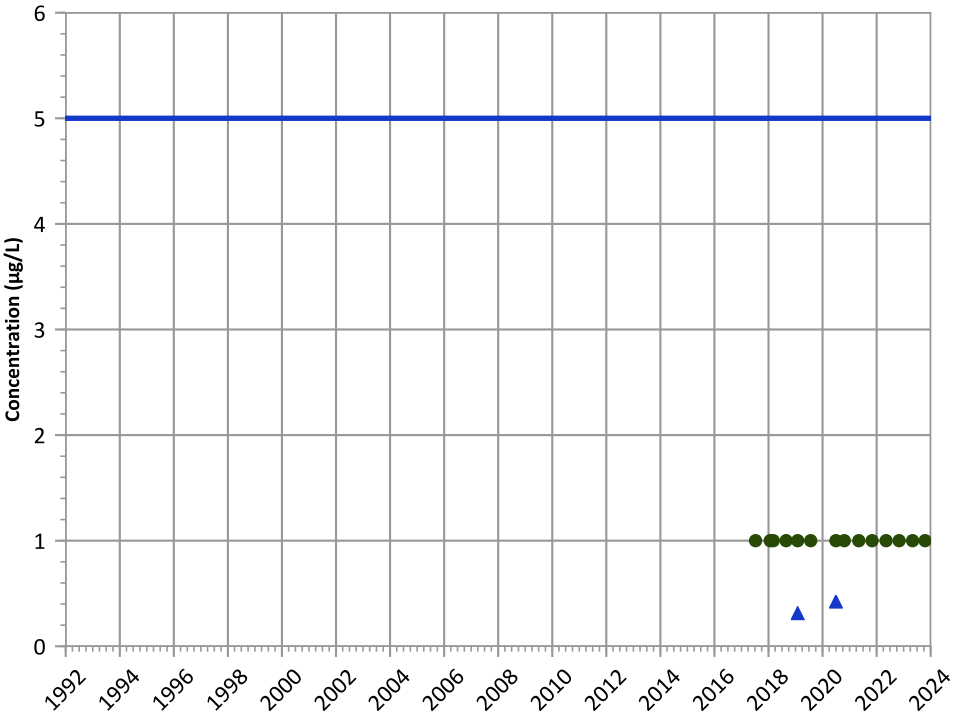
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

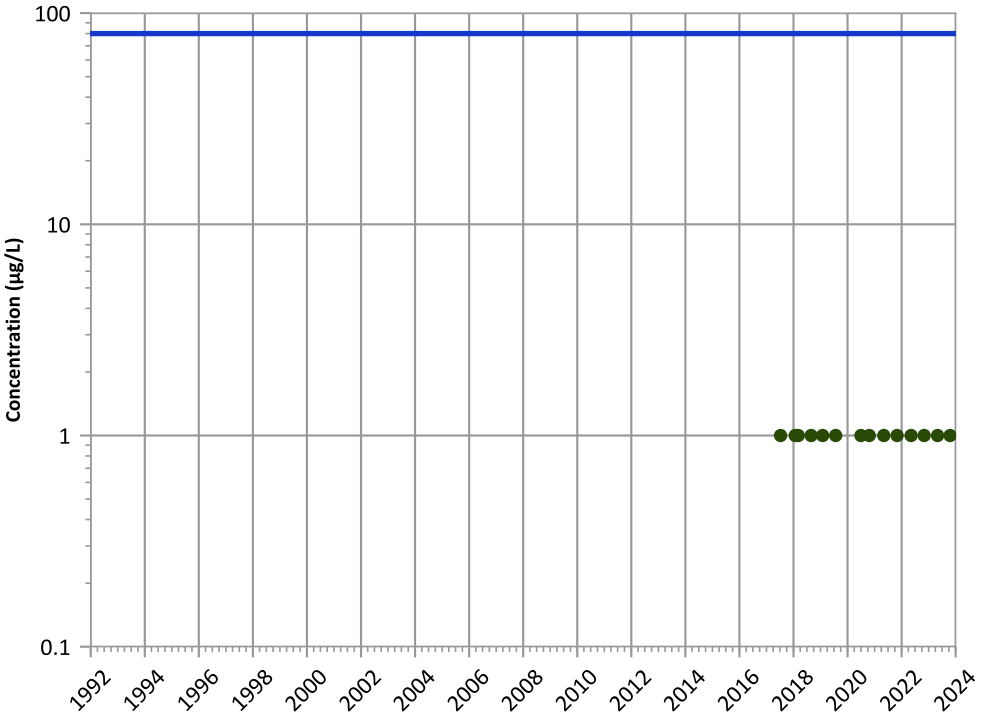


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

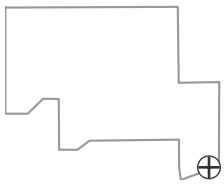
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

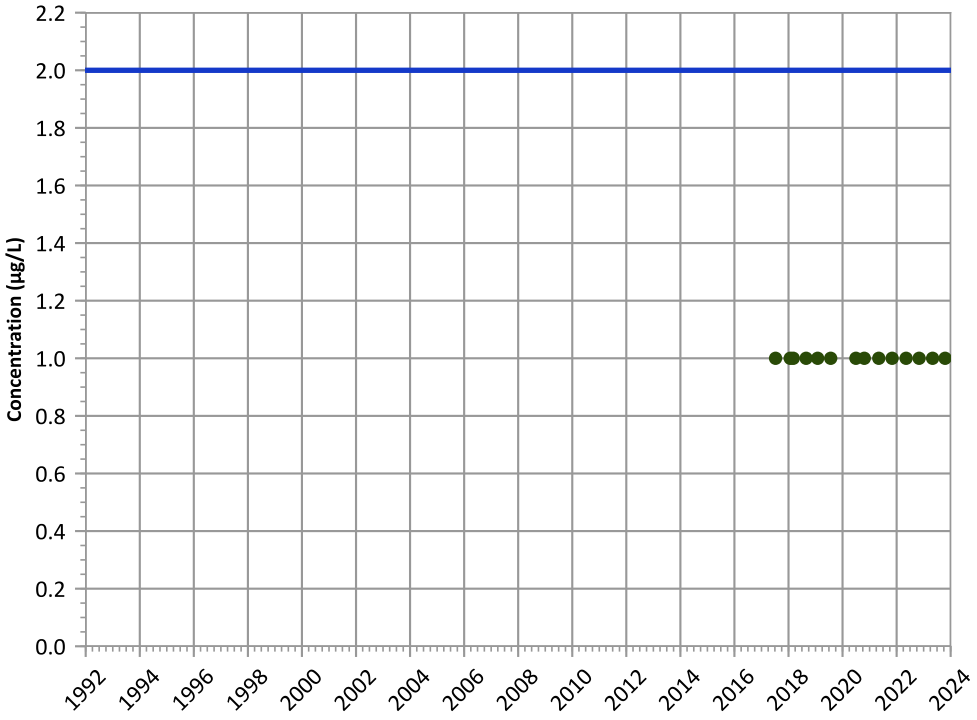
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

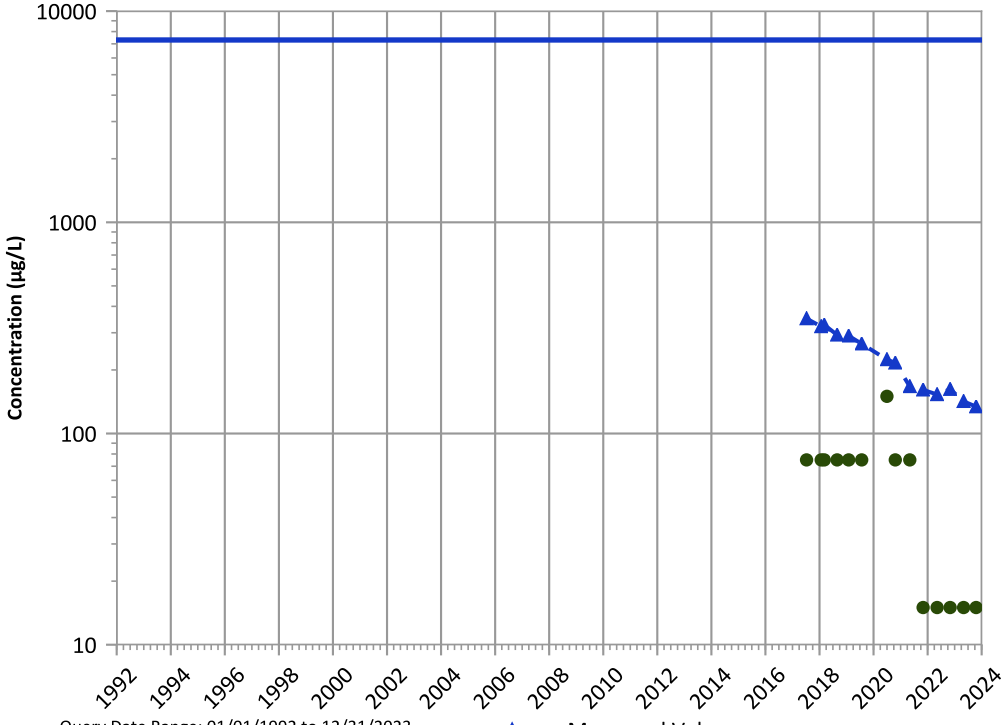


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

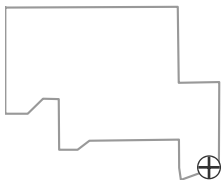
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

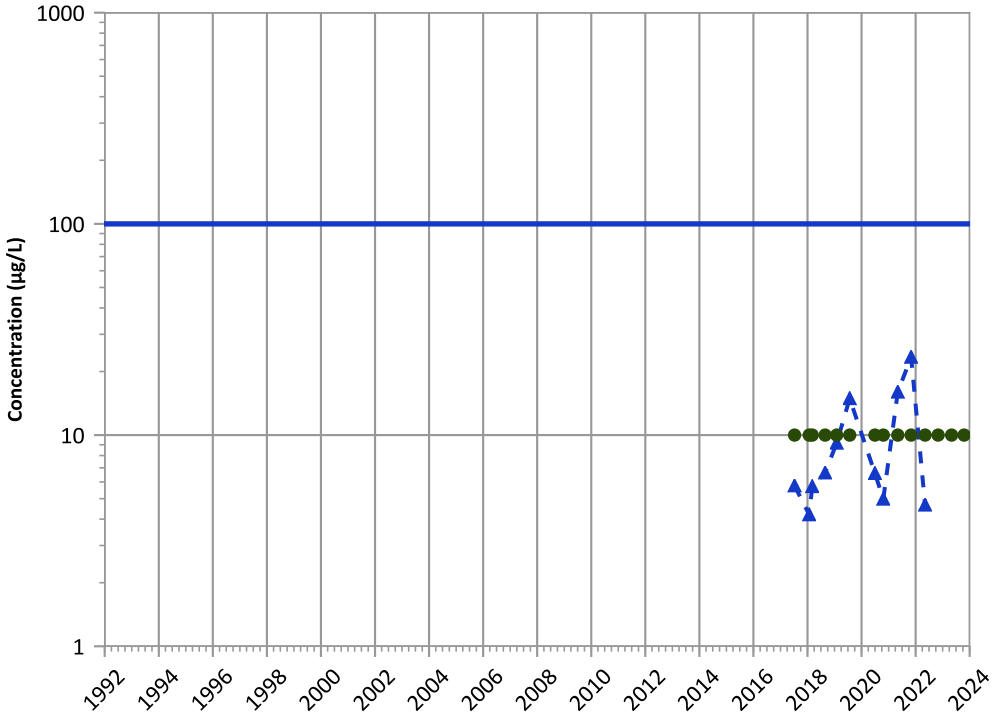
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

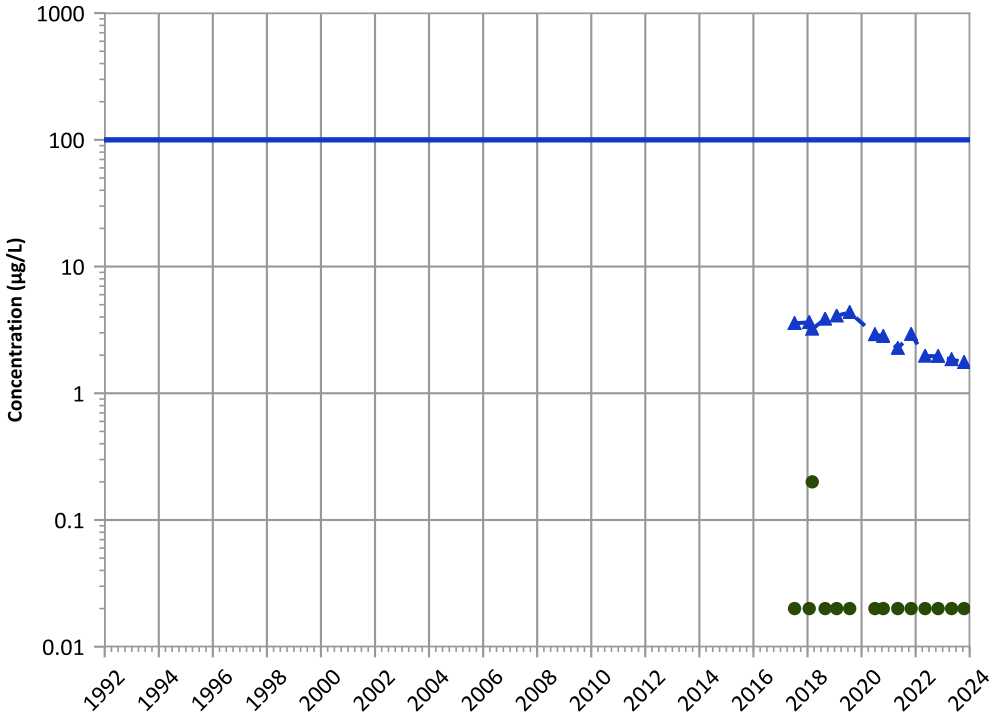


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

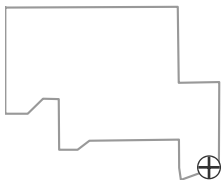
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

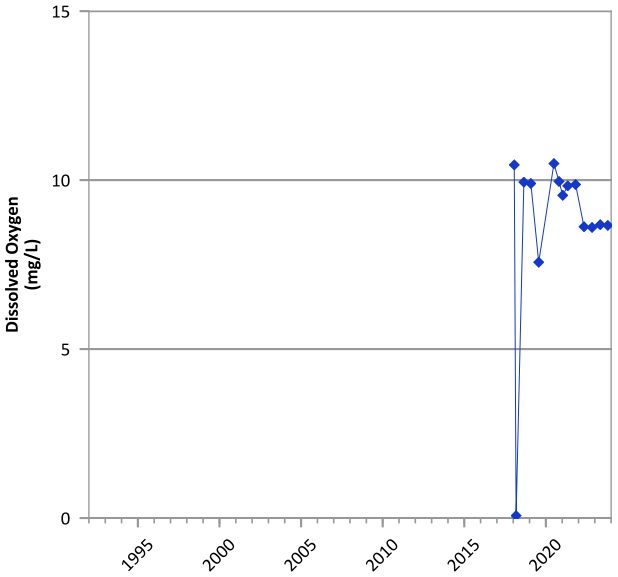
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/10/2017 to 10/18/2023
Analysis Date: 04/01/2024

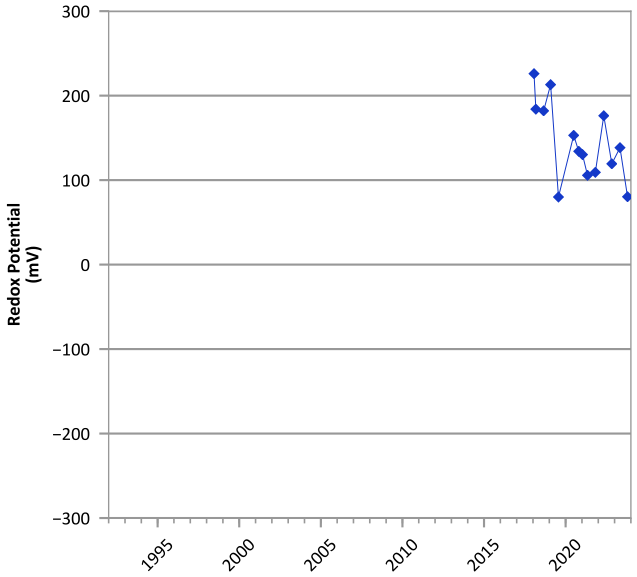
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

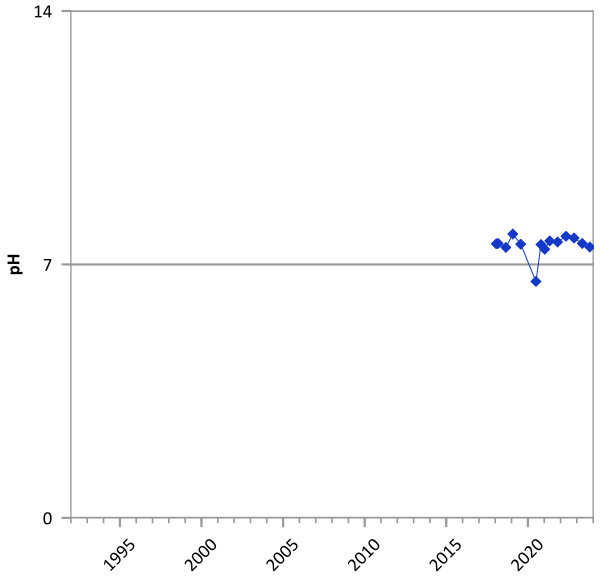
Well Location

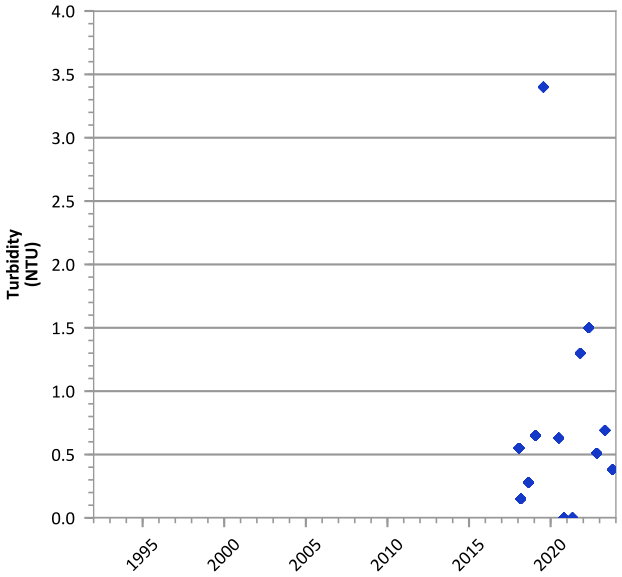


PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

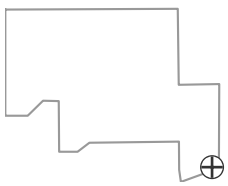






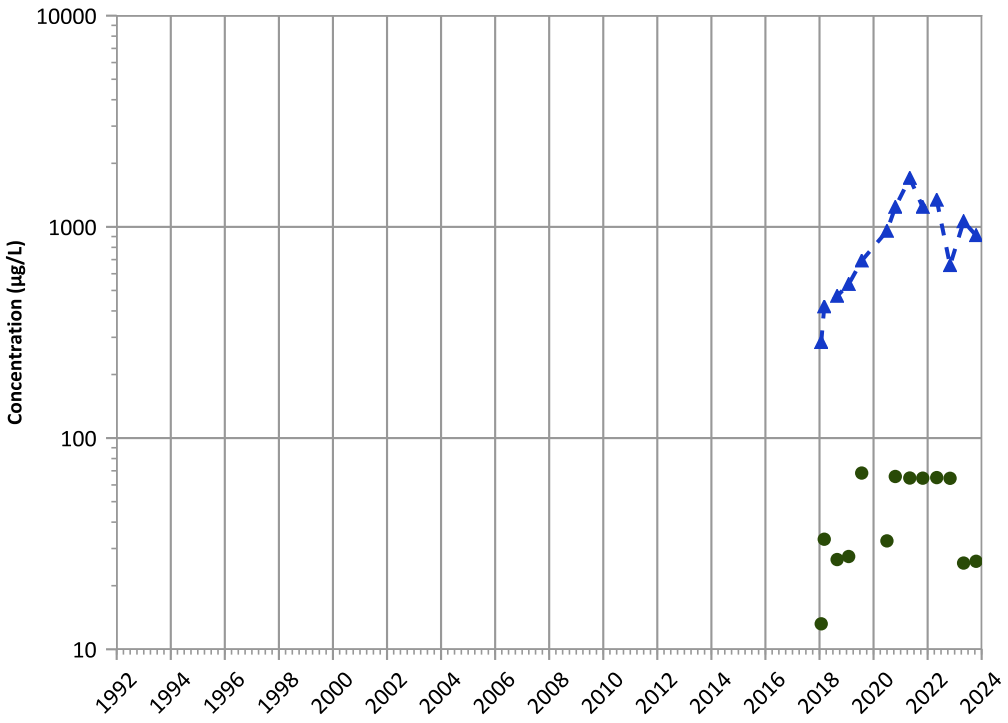


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

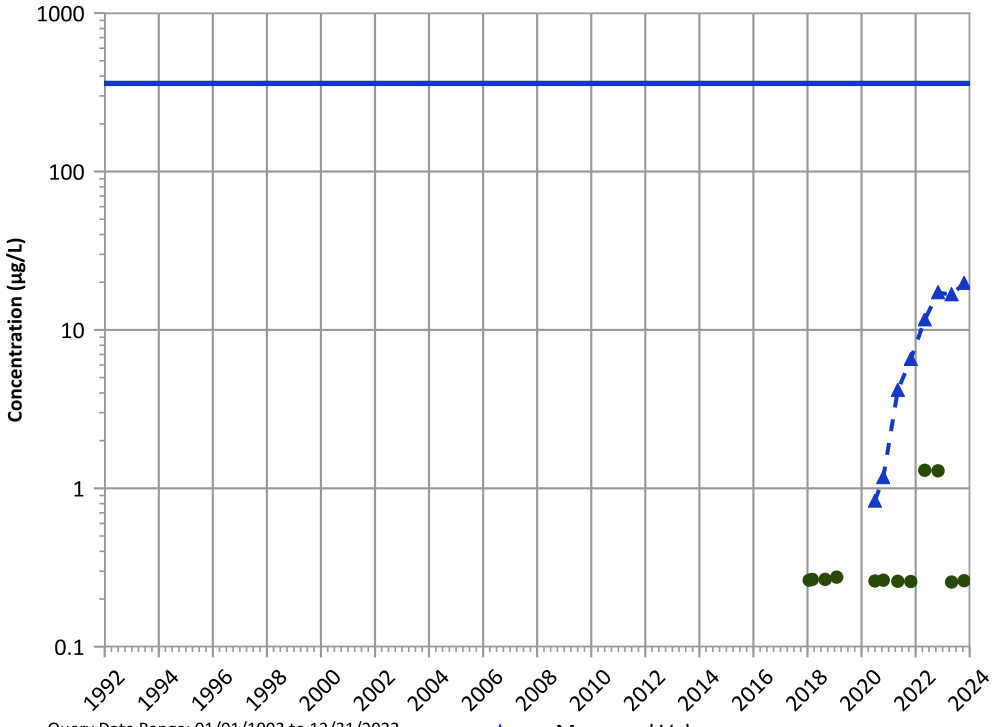


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

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



Concentration Trend

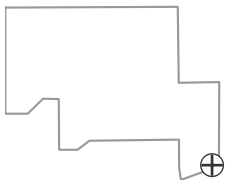
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

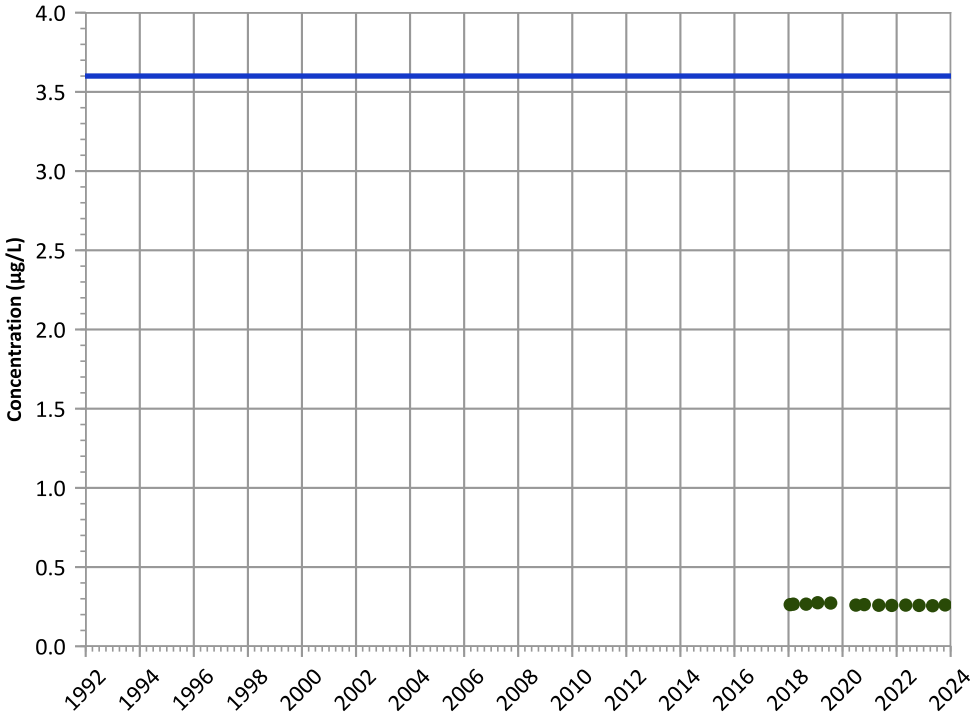
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

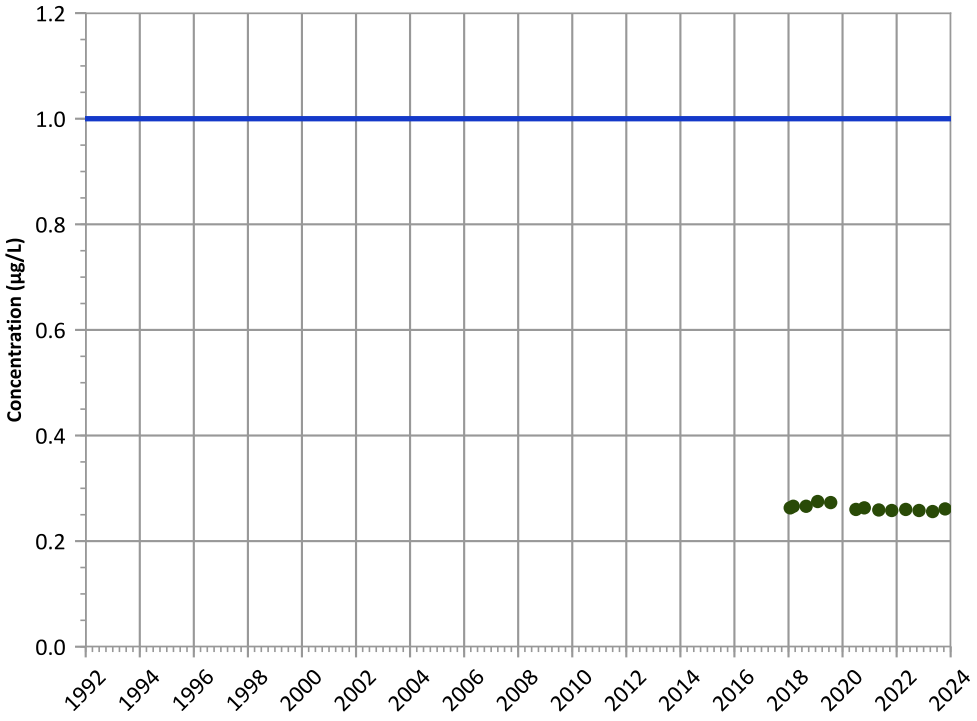


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

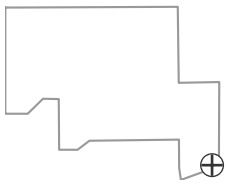
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

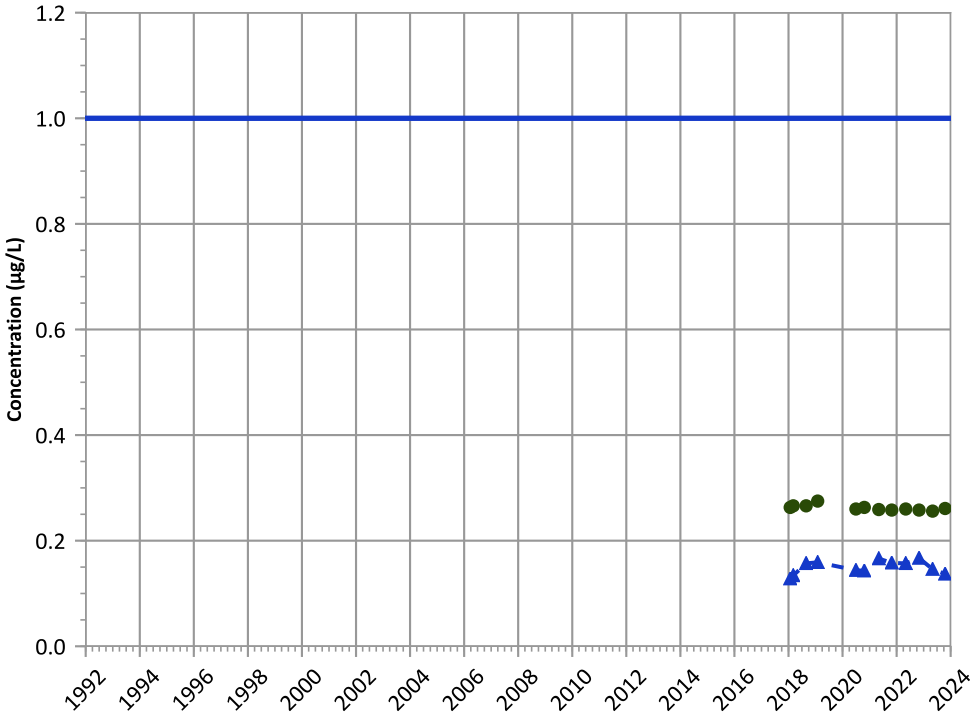
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

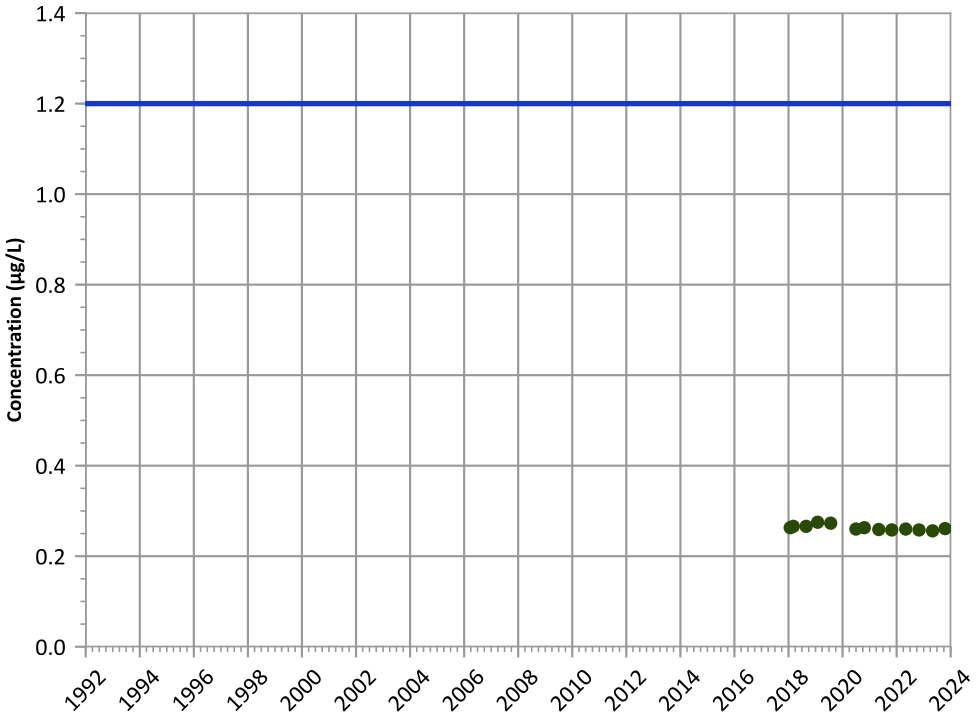


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

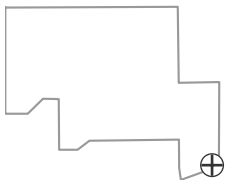
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

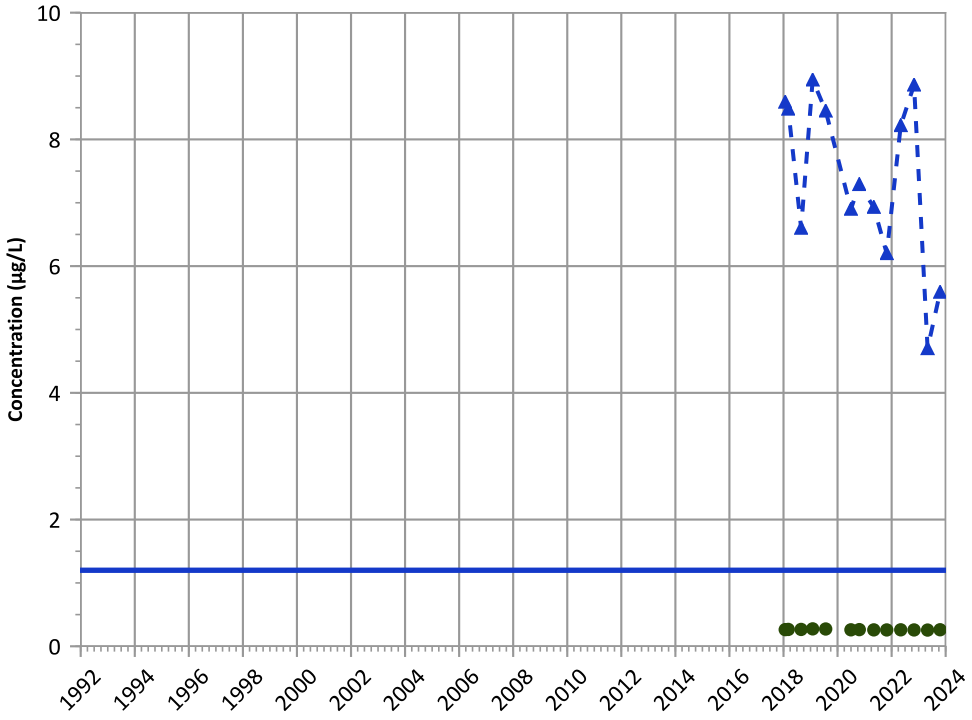
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

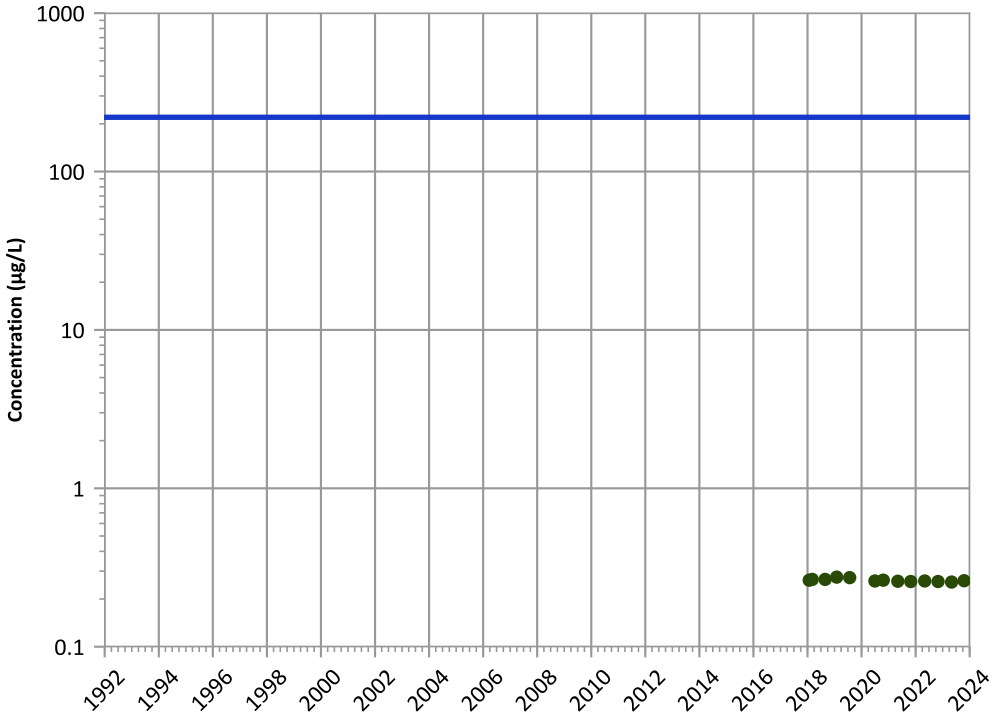


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

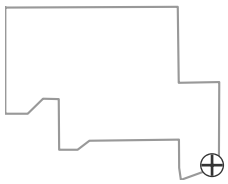
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

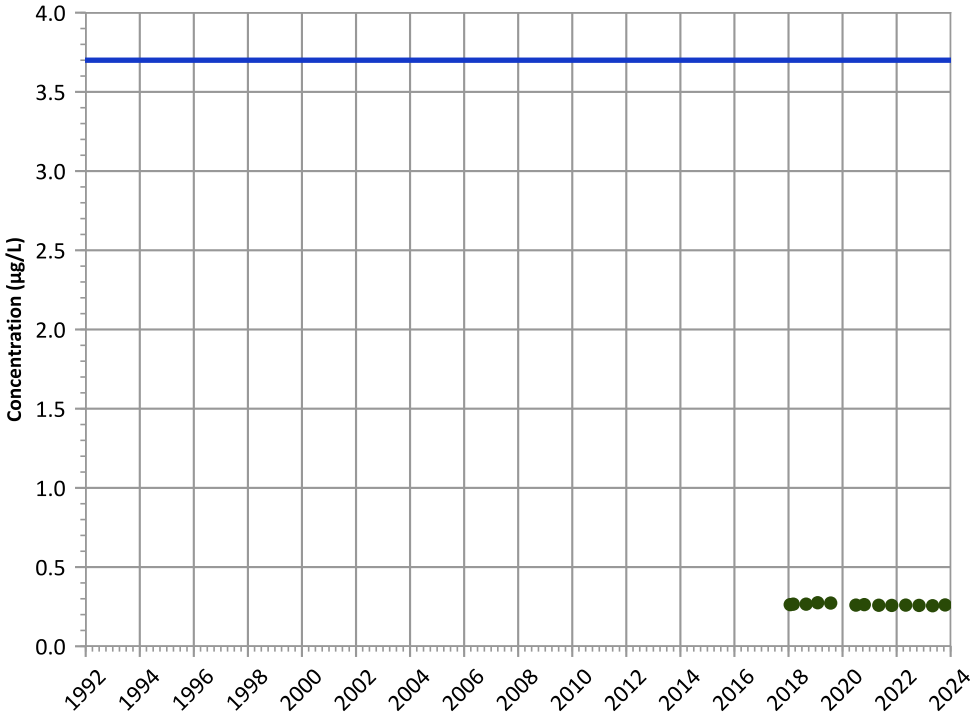
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

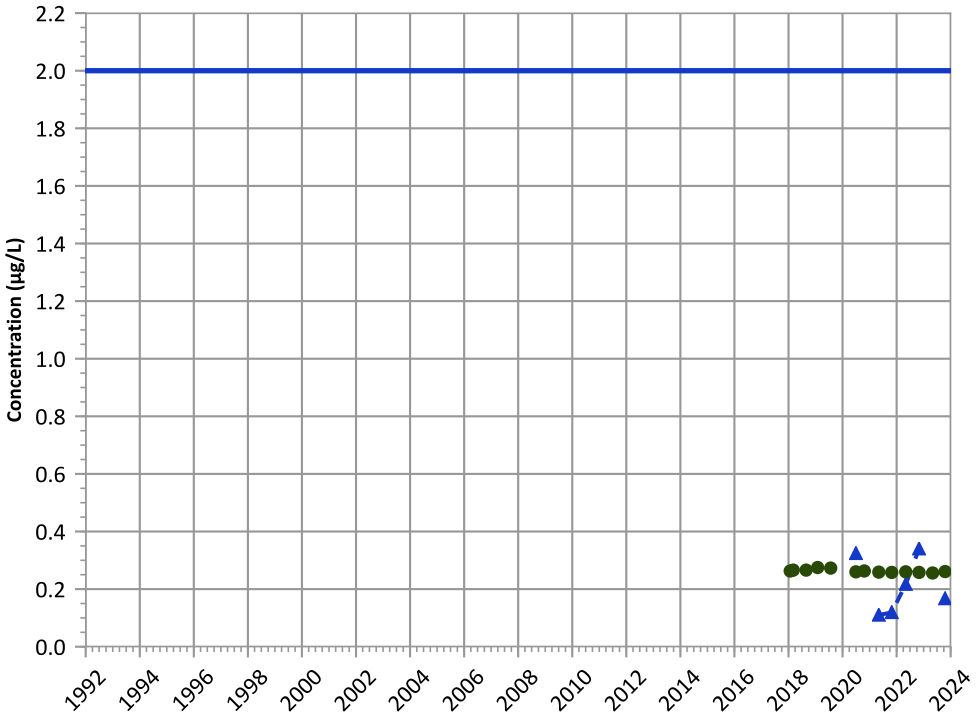


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

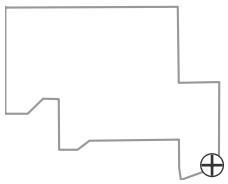
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

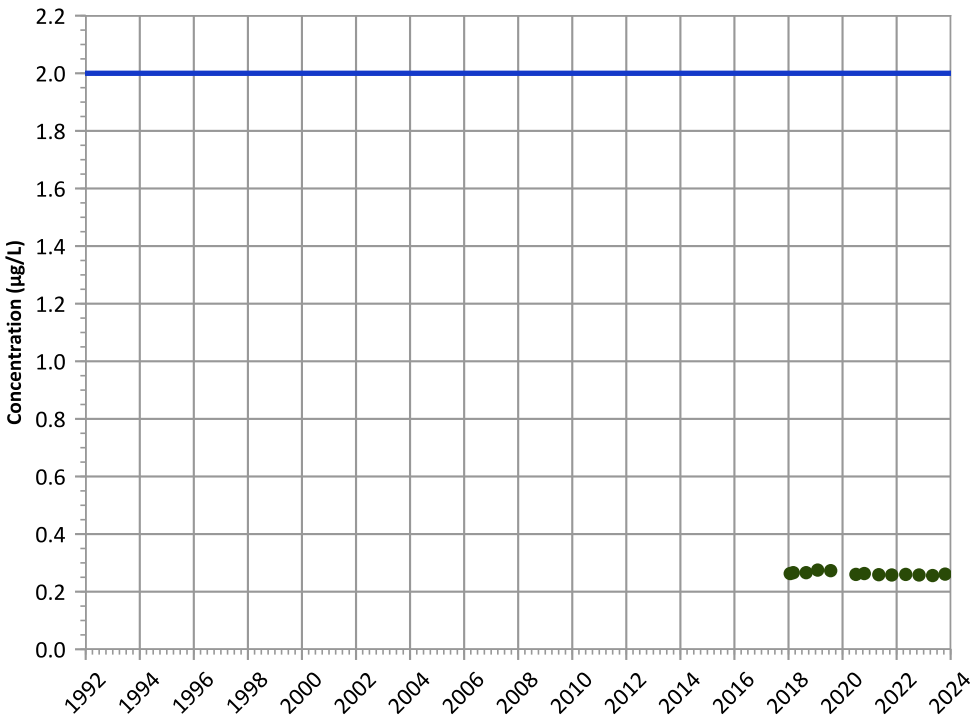
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

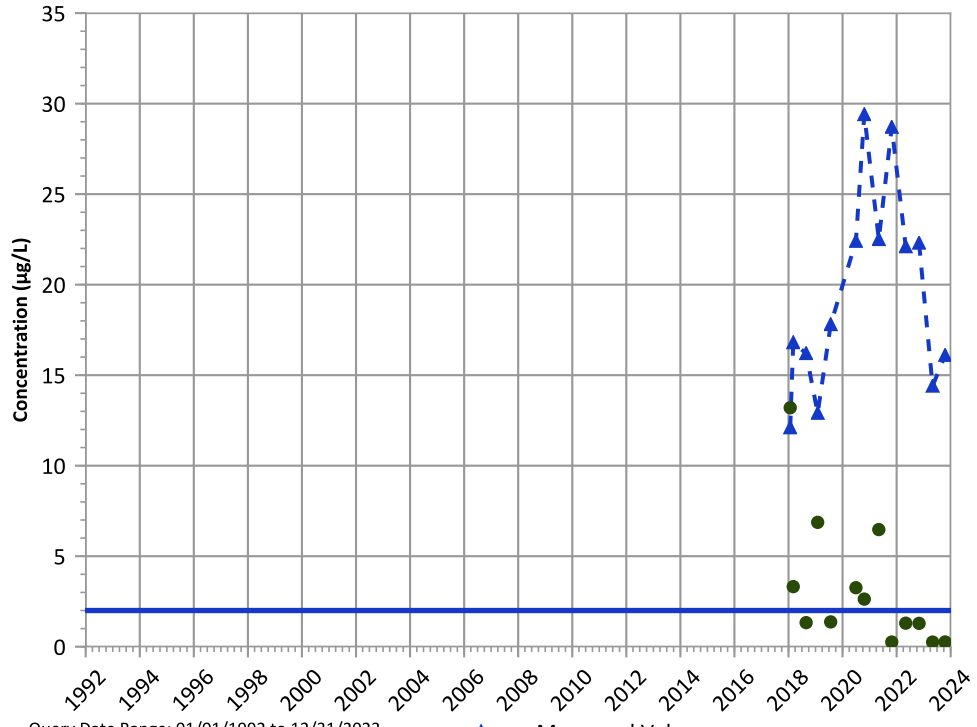


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

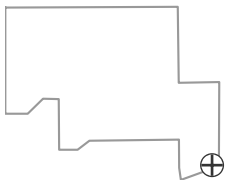
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

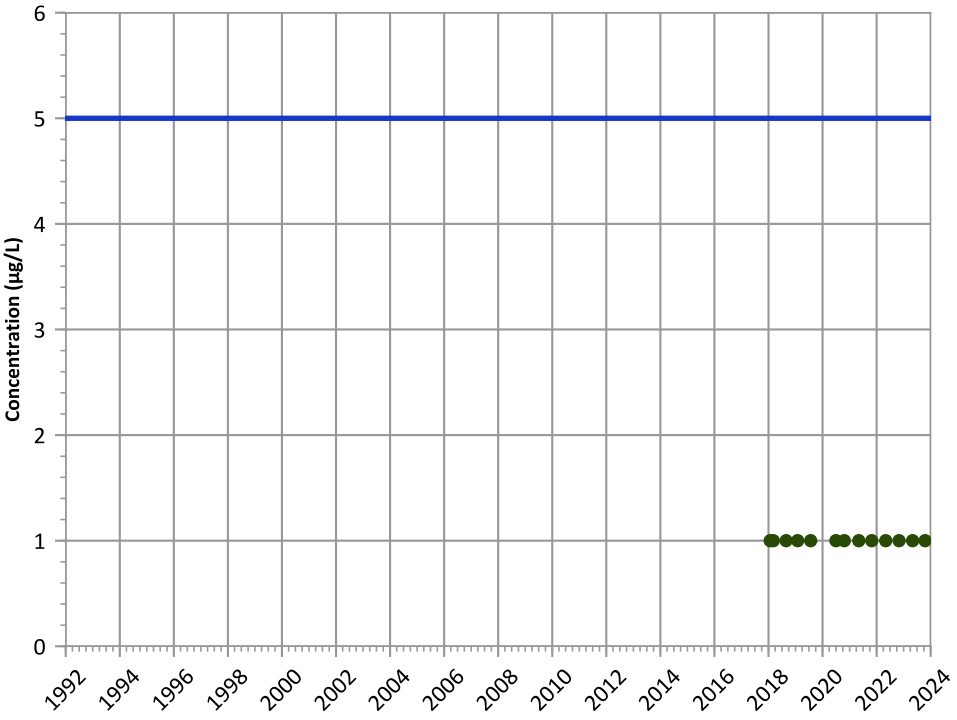
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

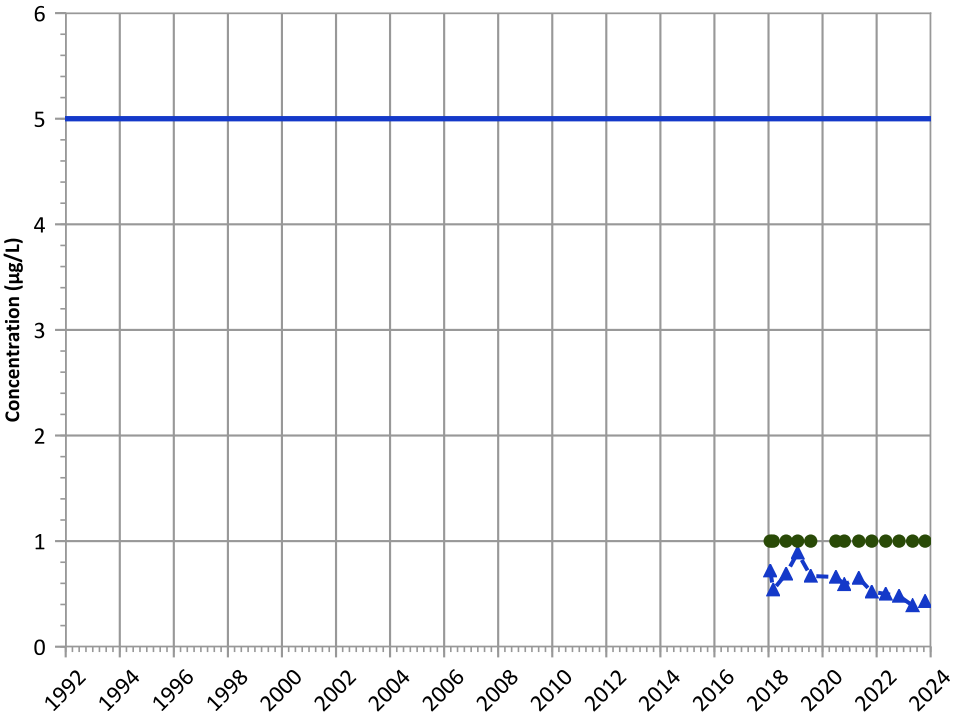


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

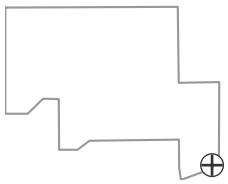
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

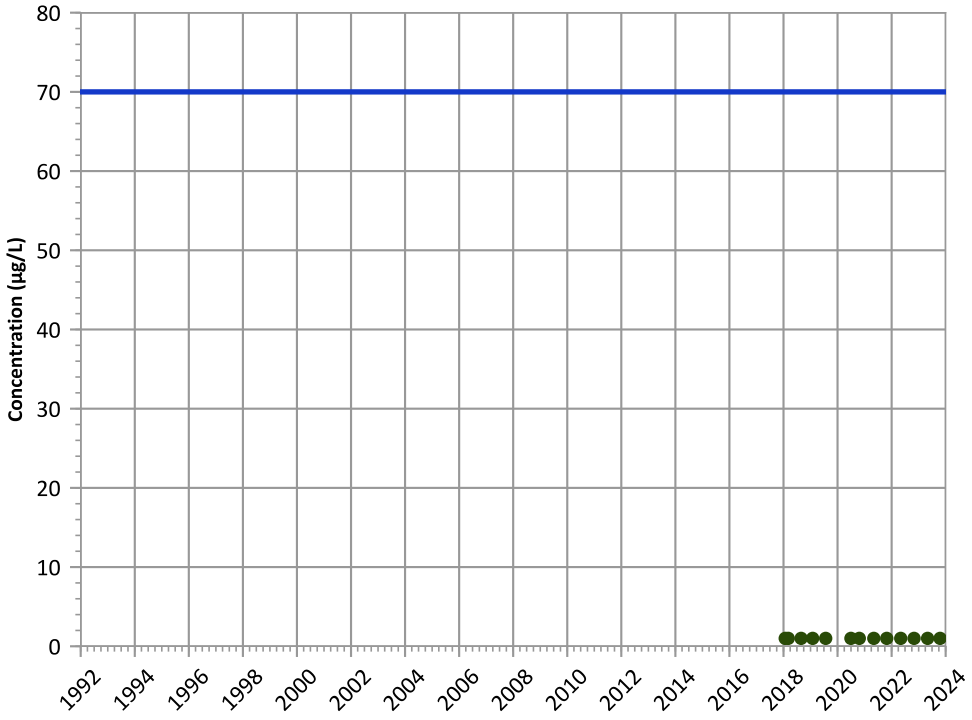
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

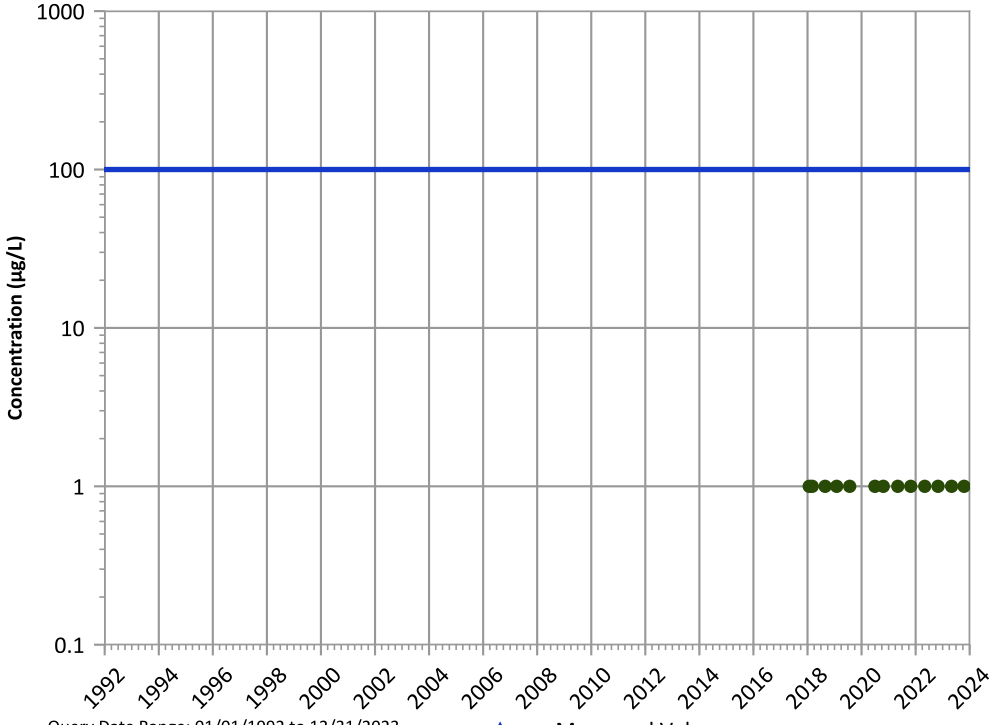


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

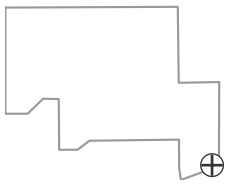
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

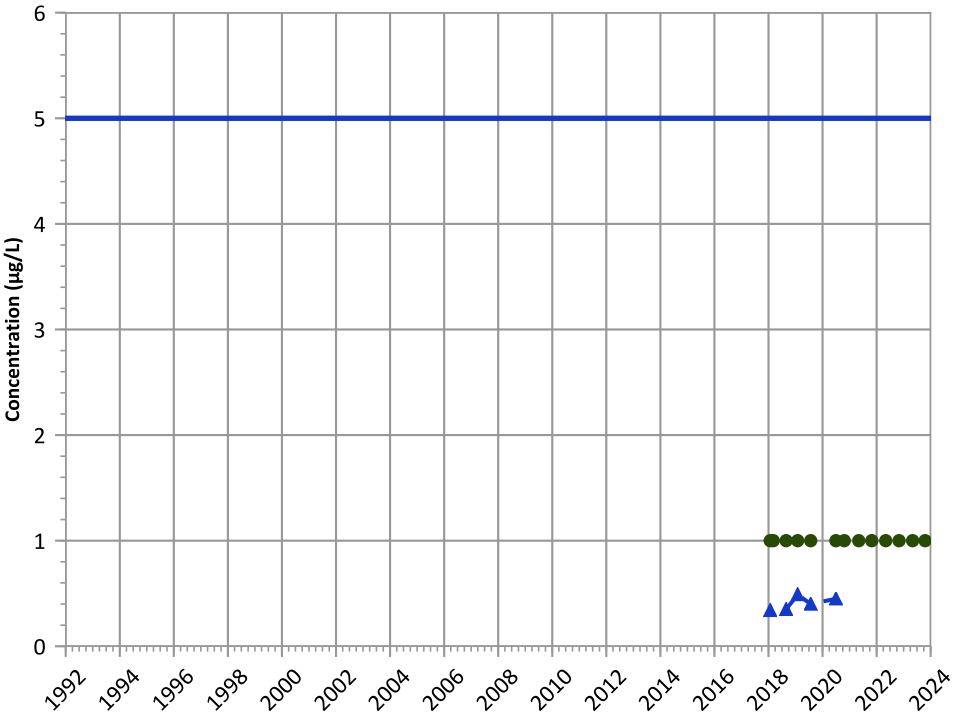
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

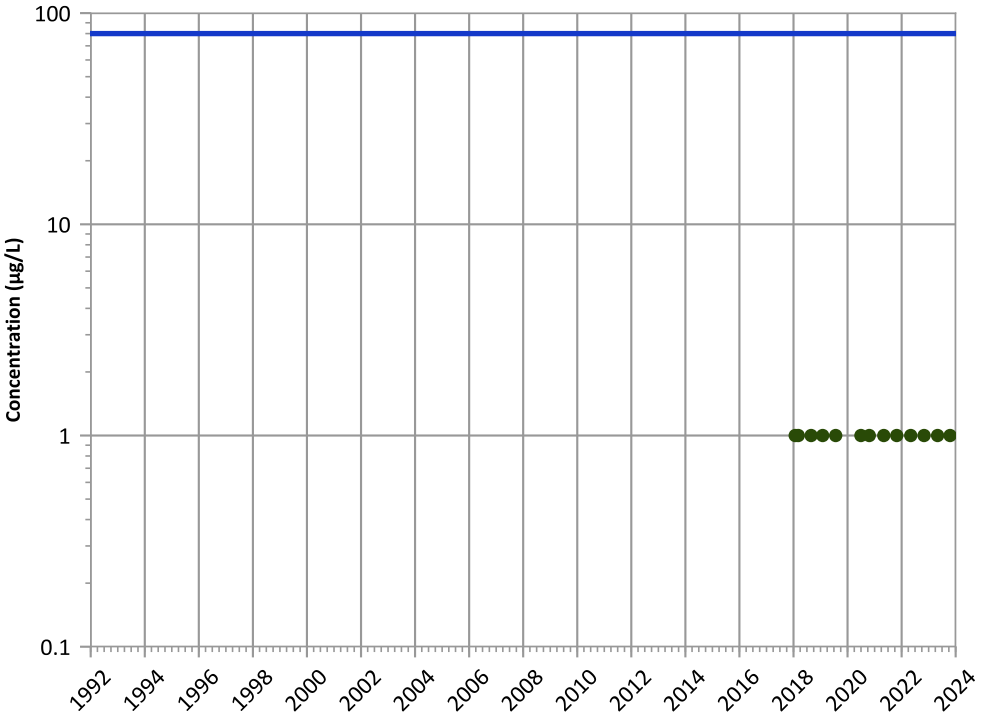


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chloroform Trend



Concentration Trend

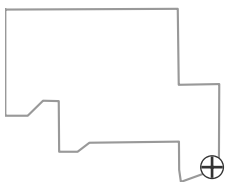
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

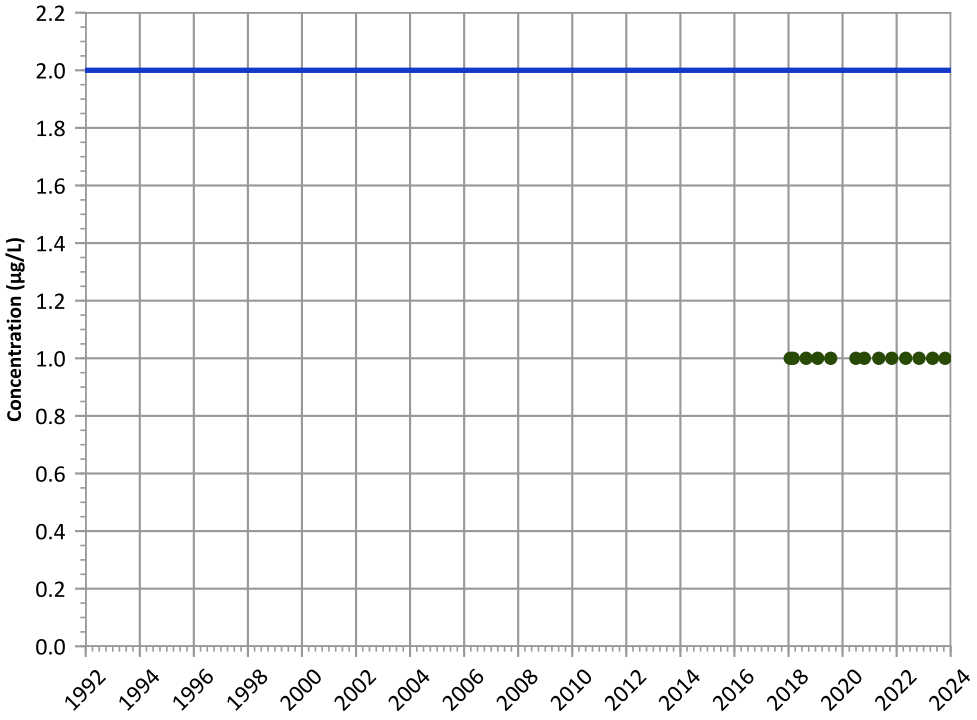
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

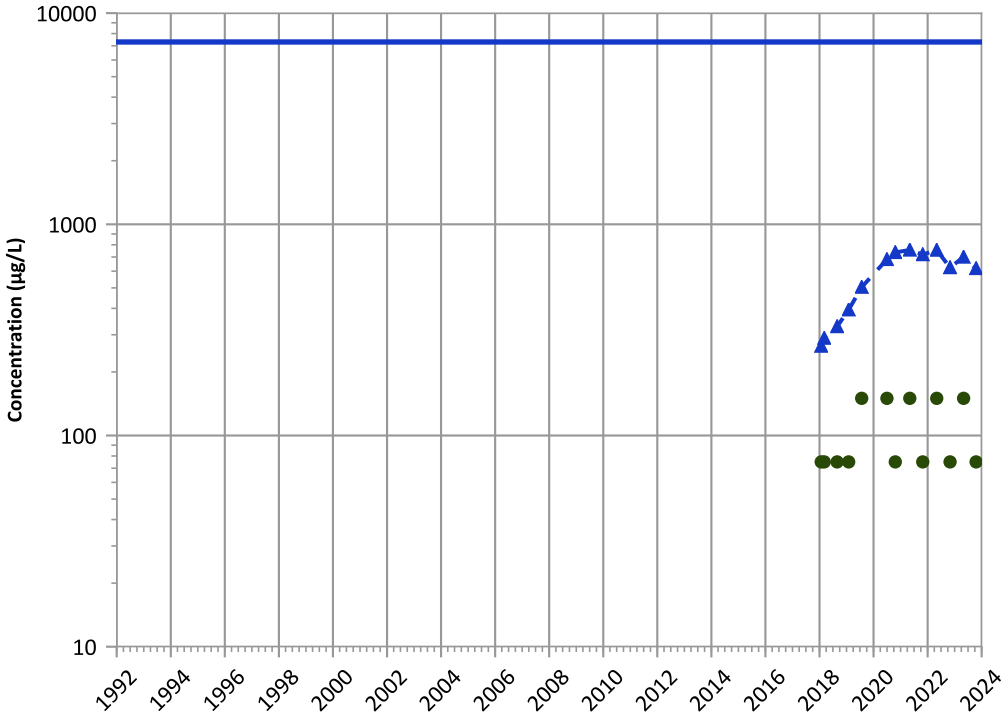


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

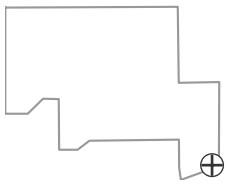
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

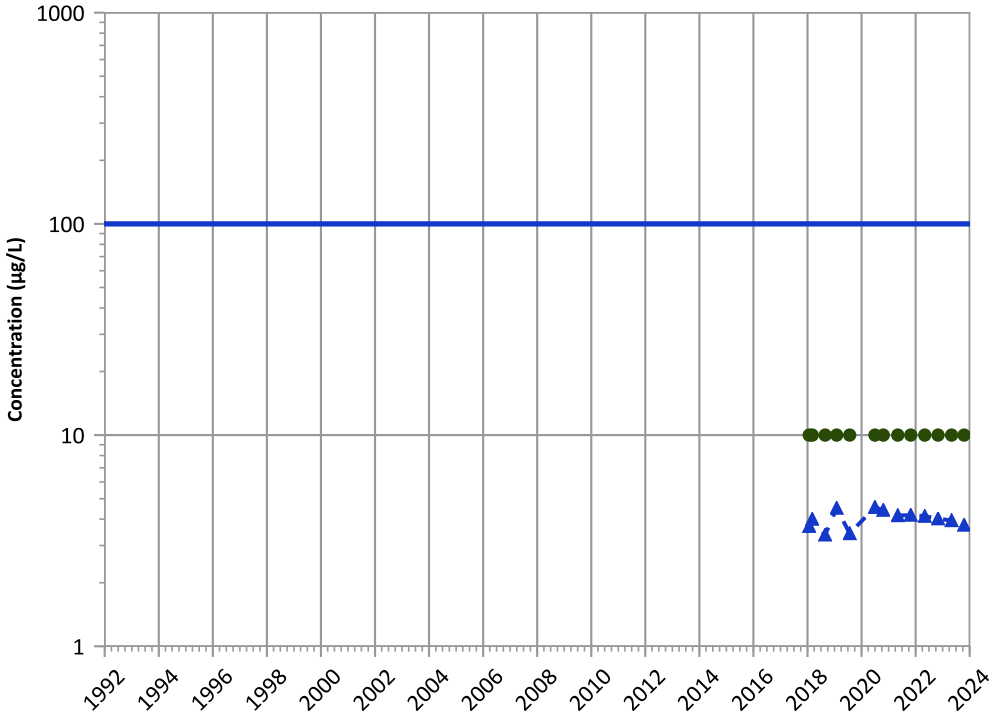
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

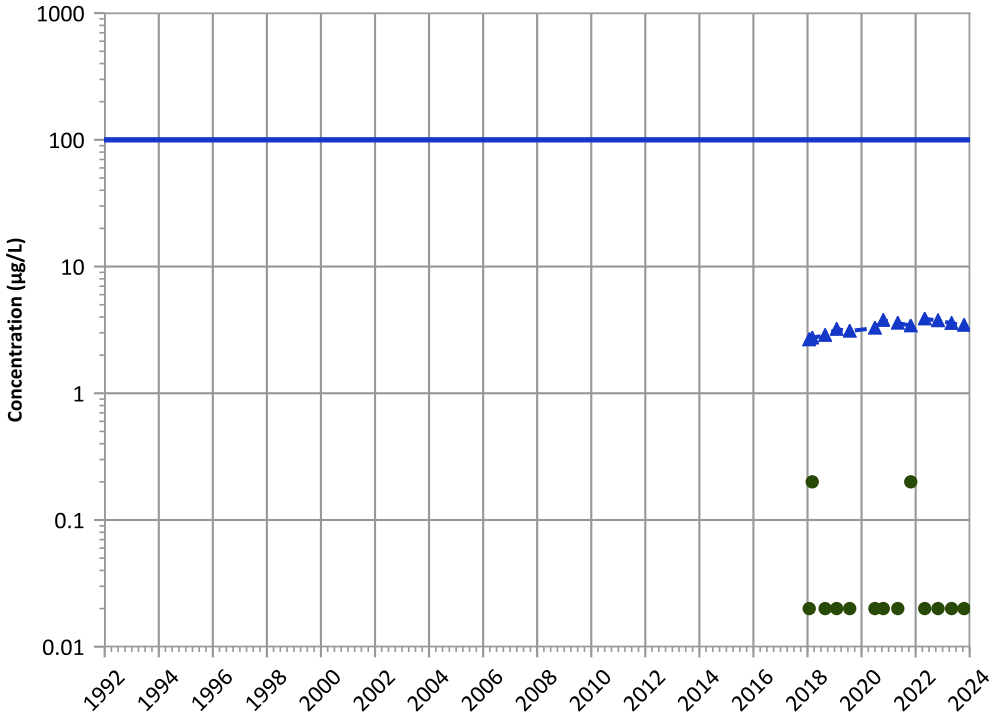


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

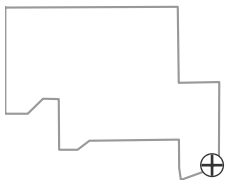
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

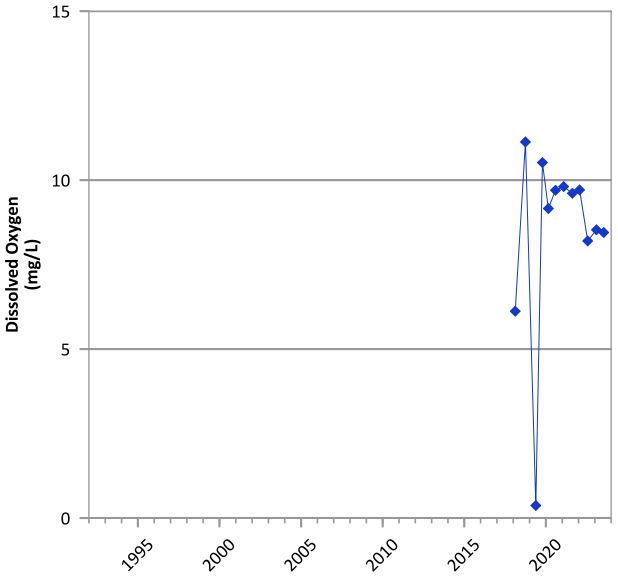
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/24/2018 to 10/18/2023
Analysis Date: 04/01/2024

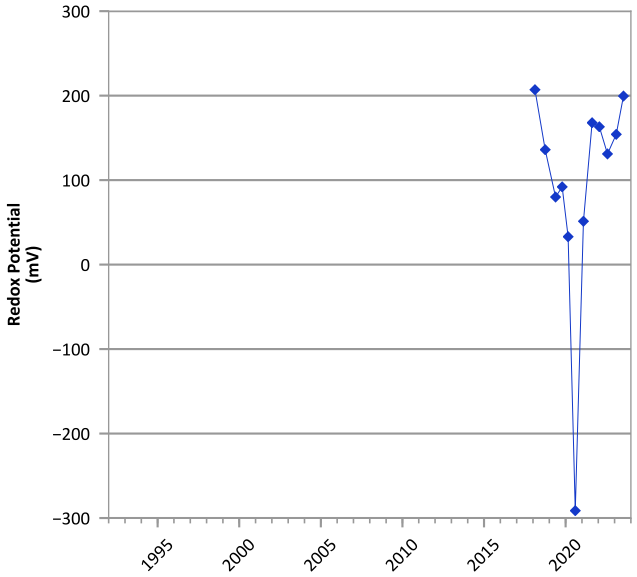
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

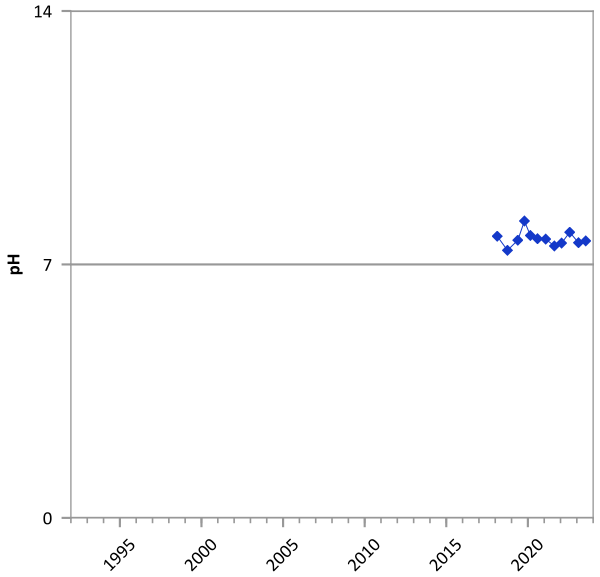
Well Location

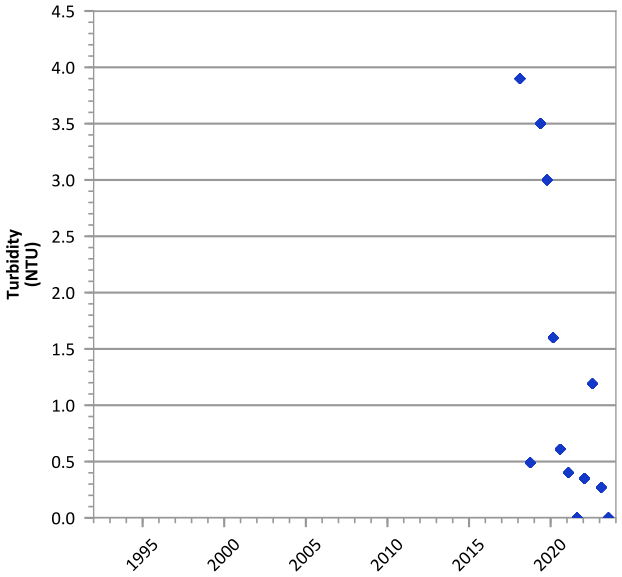


PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

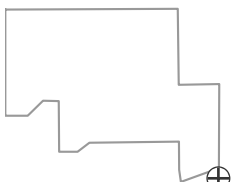






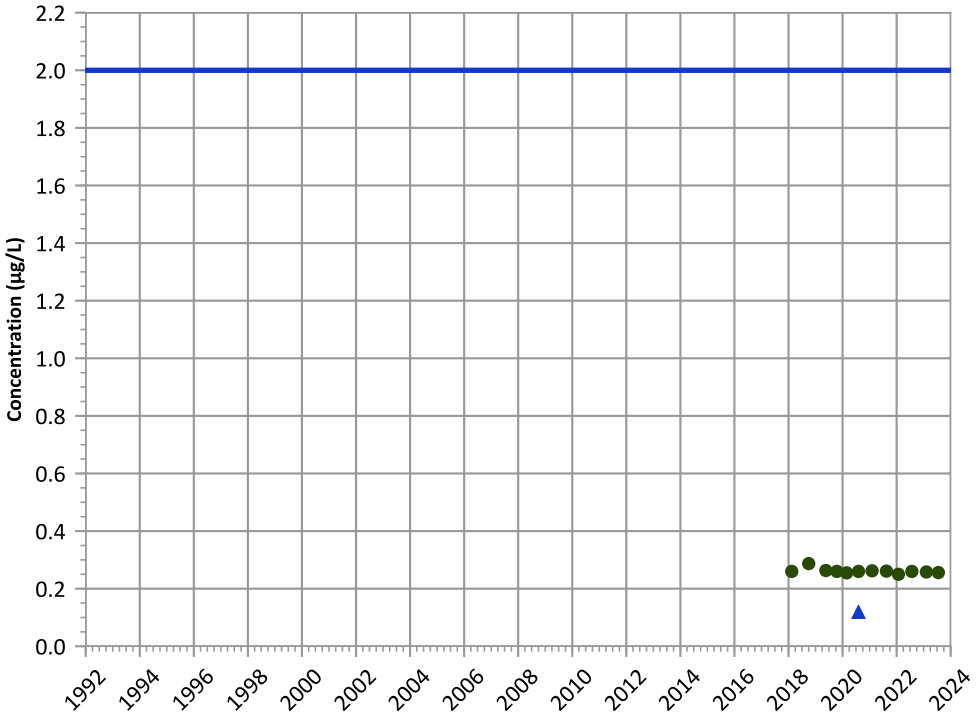


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

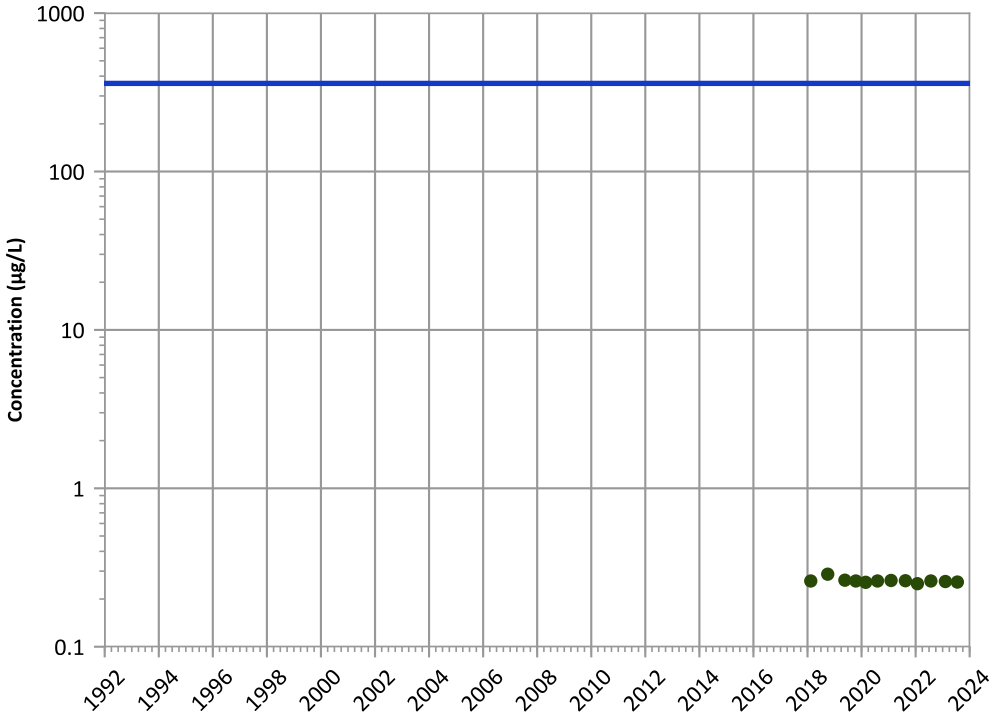


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

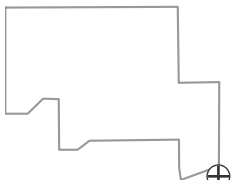
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

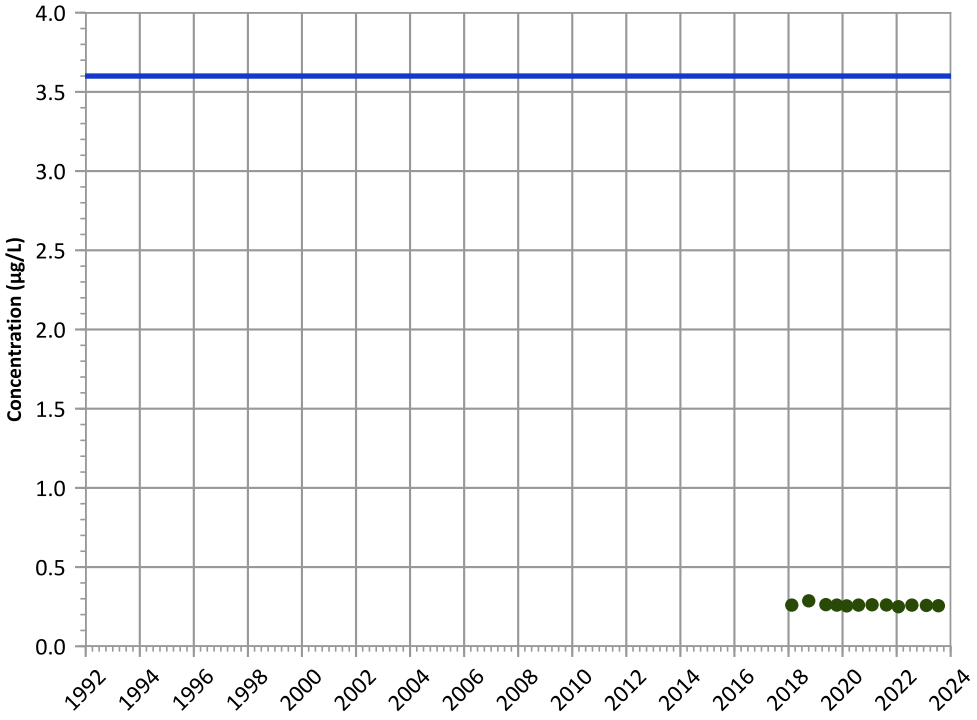
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

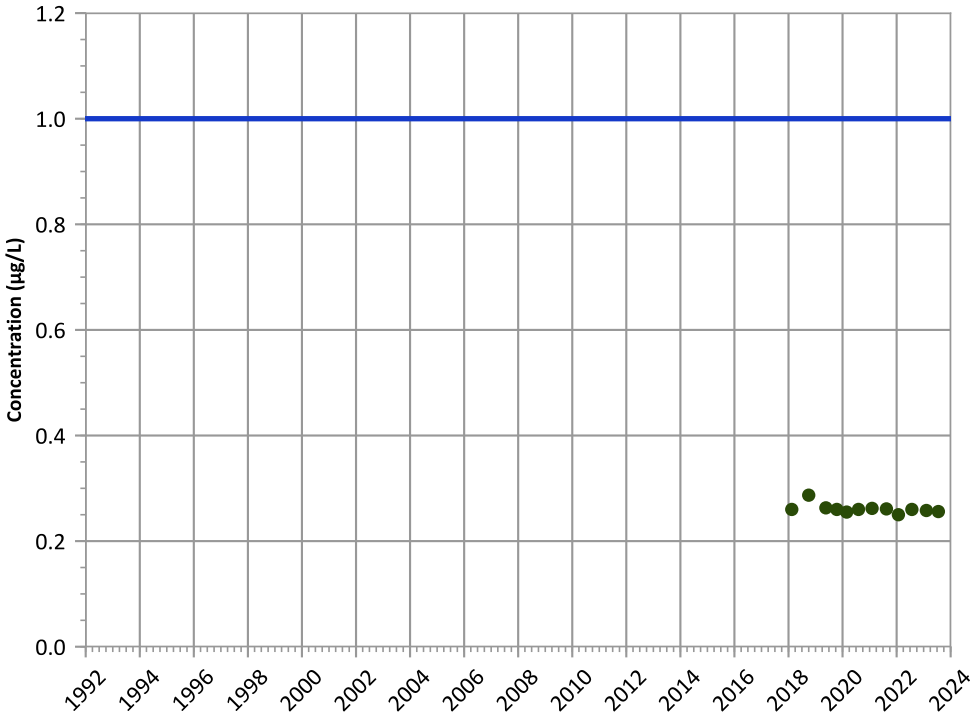


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

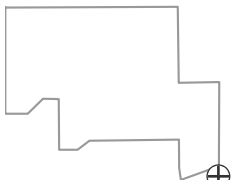
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

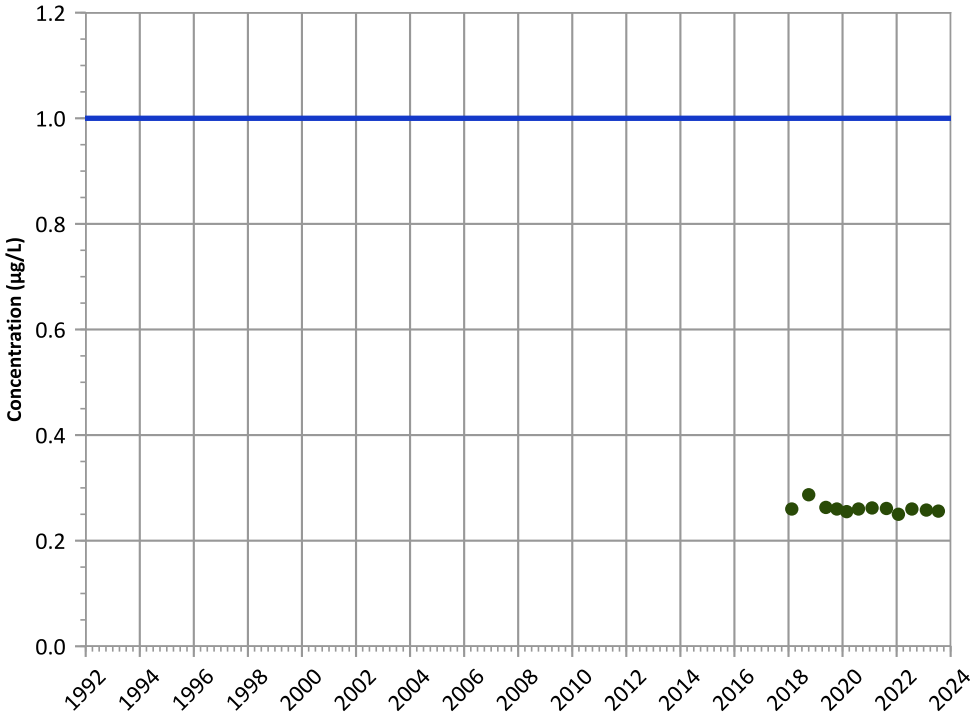
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

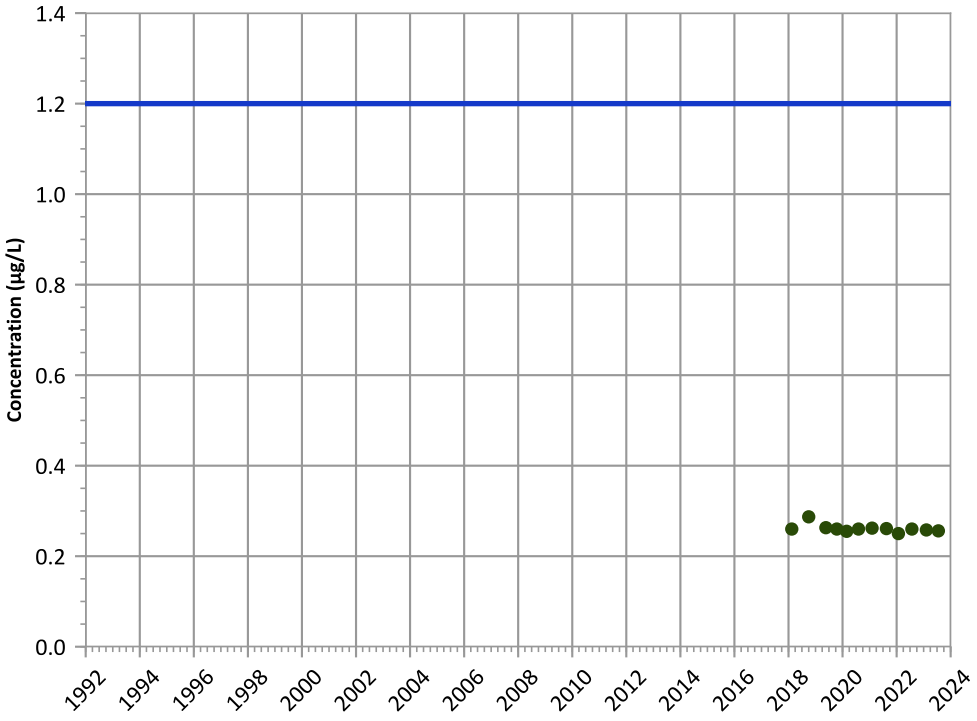


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

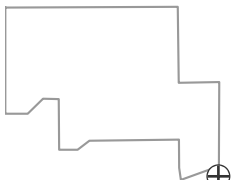
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

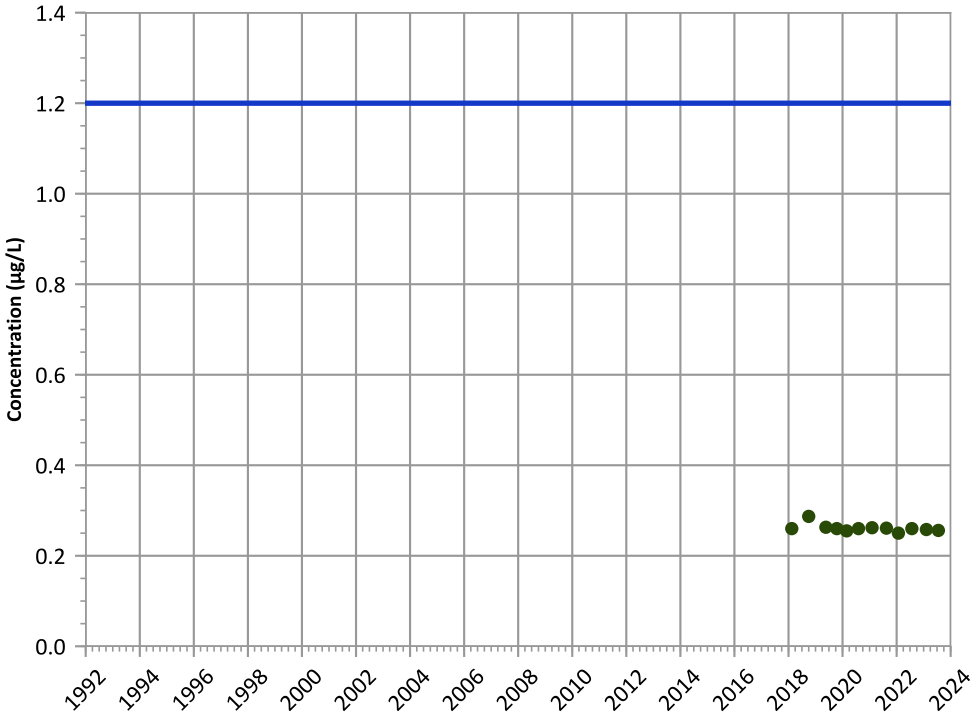
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

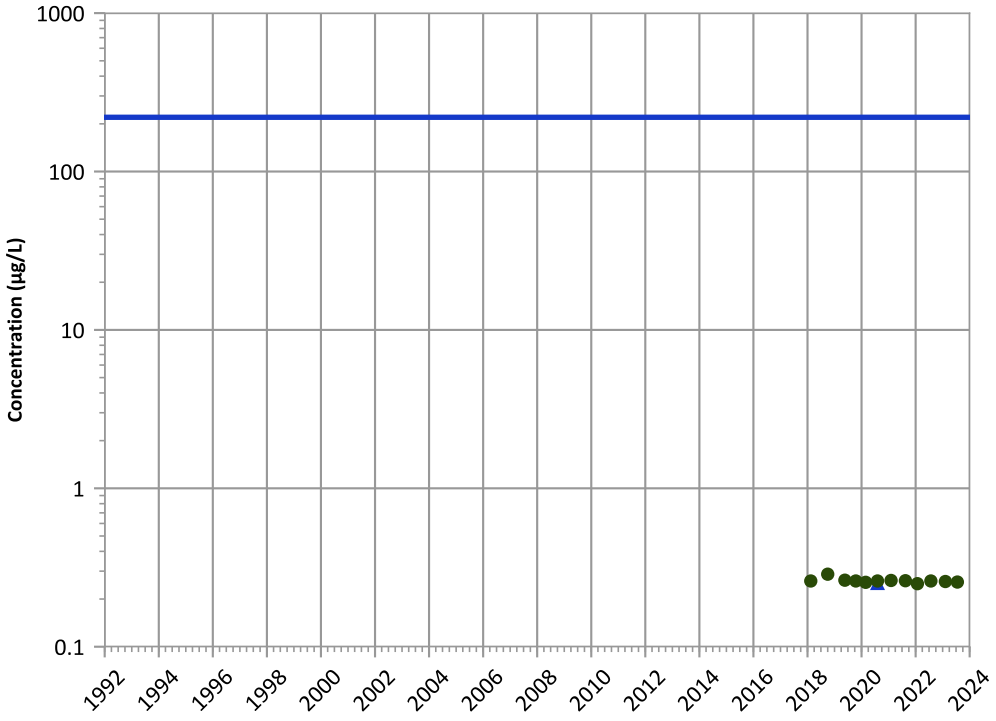


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

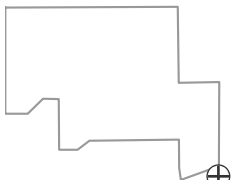
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

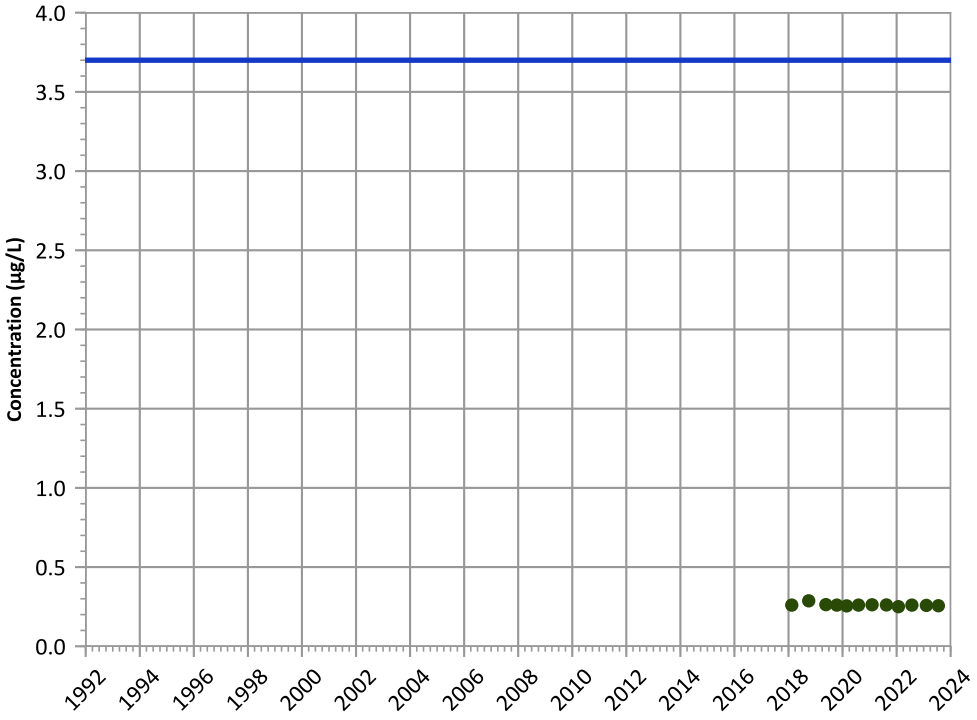
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

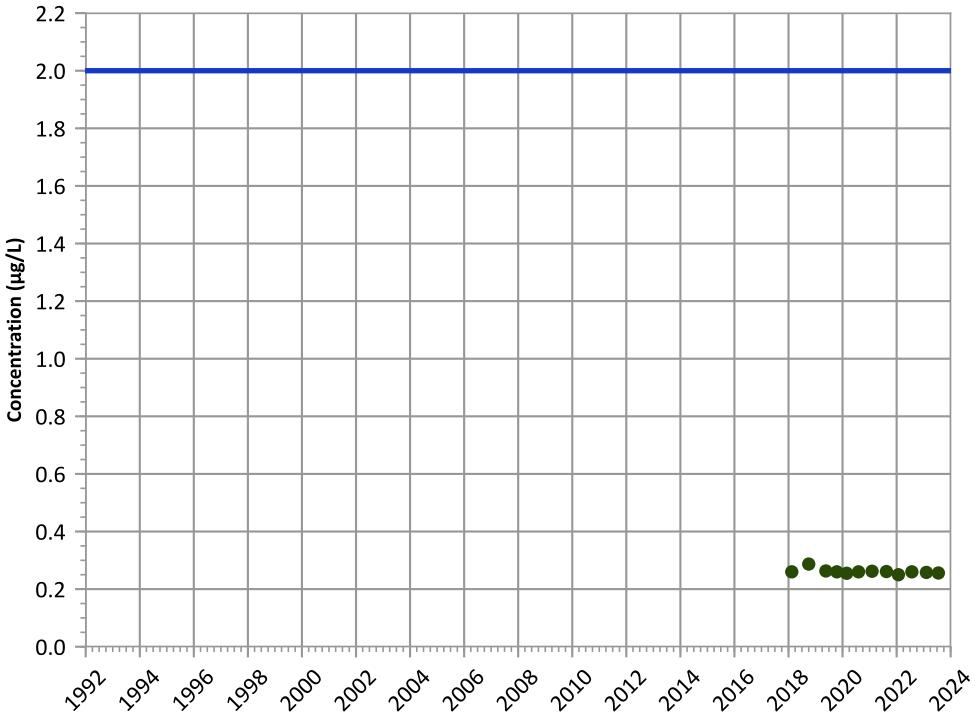


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

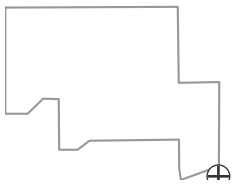
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

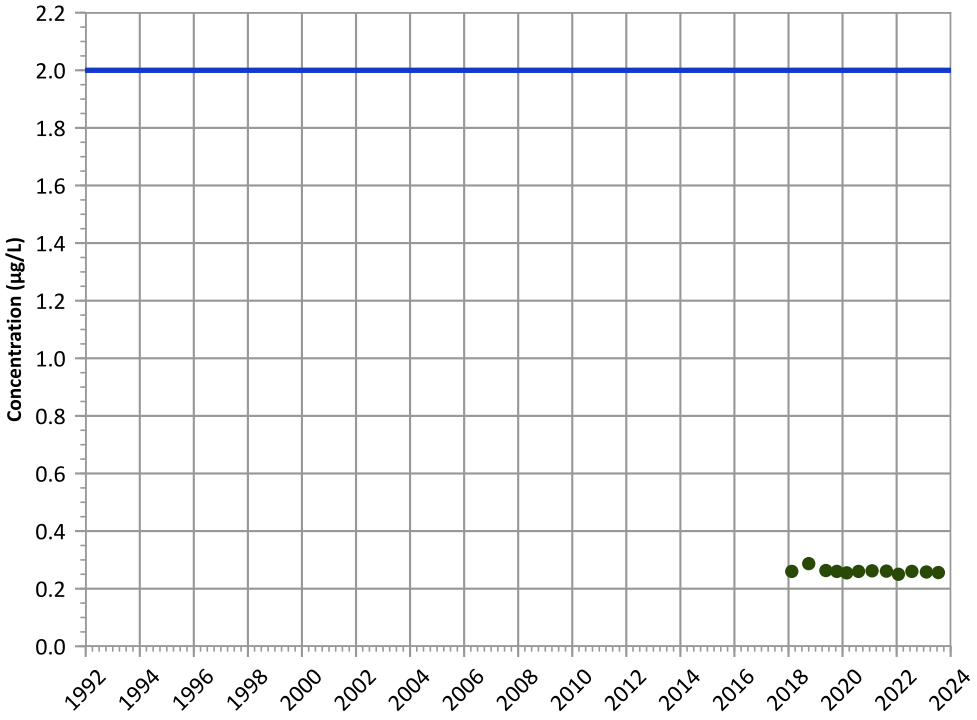
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

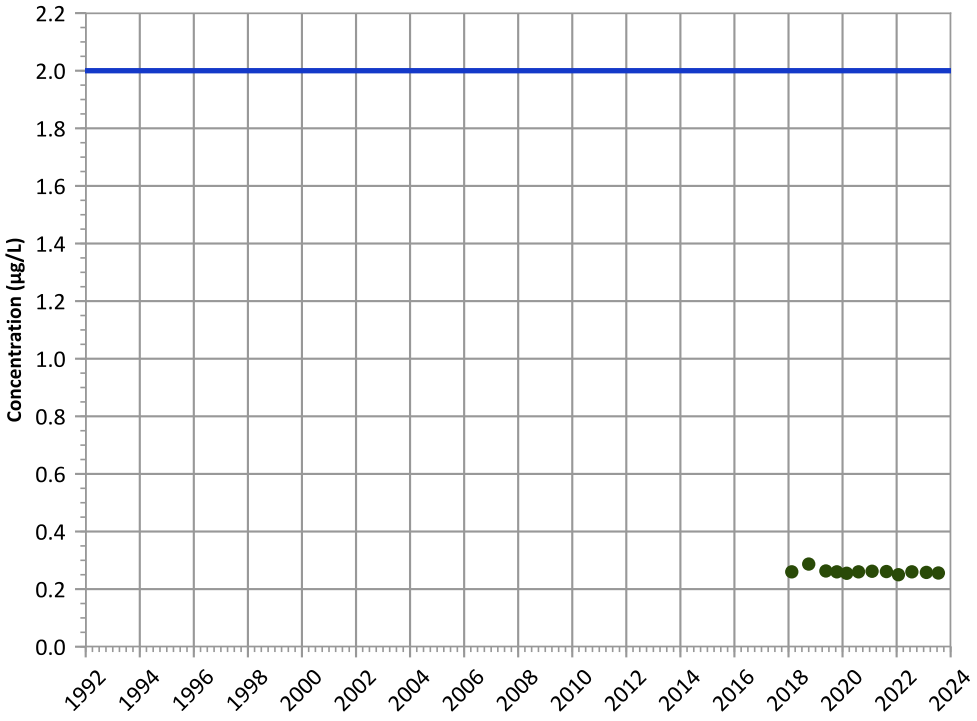


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

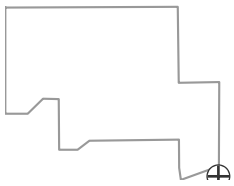
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

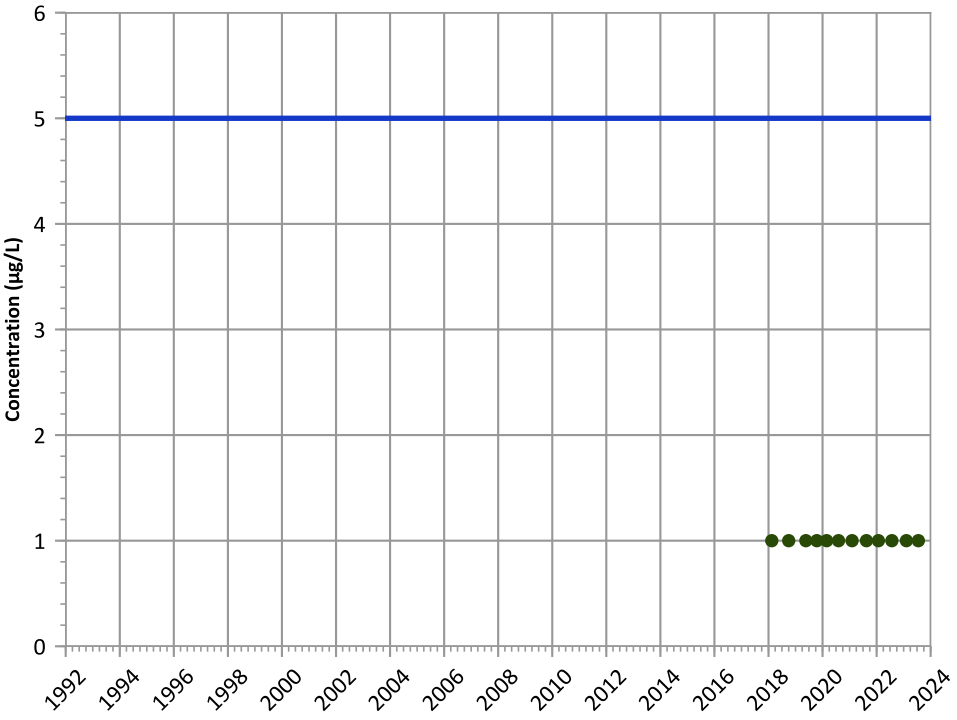
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

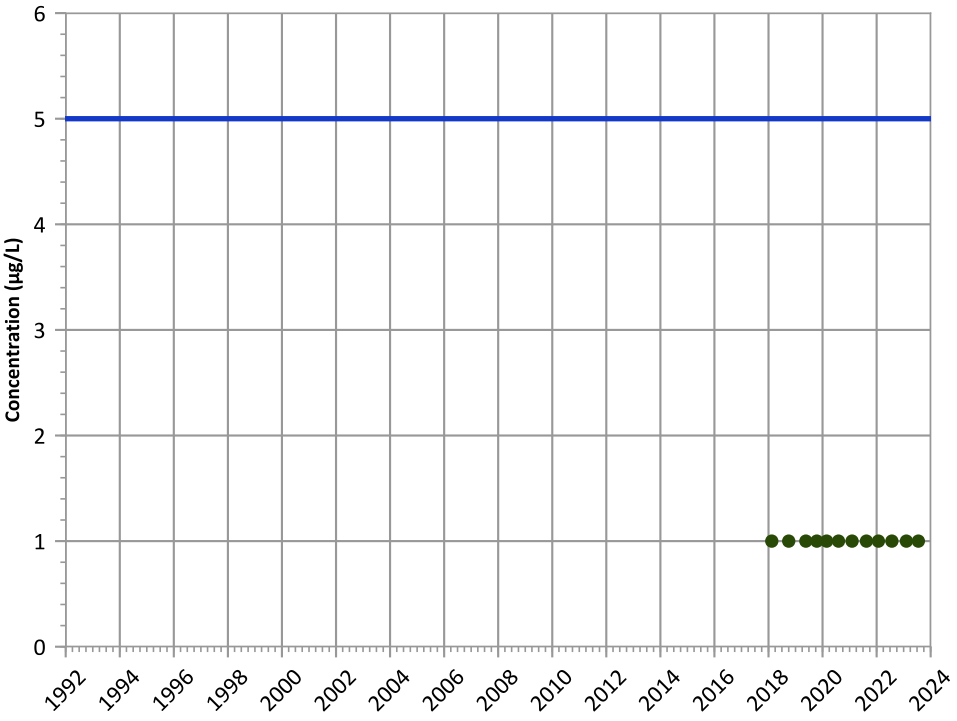


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

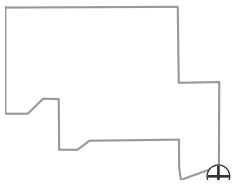
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

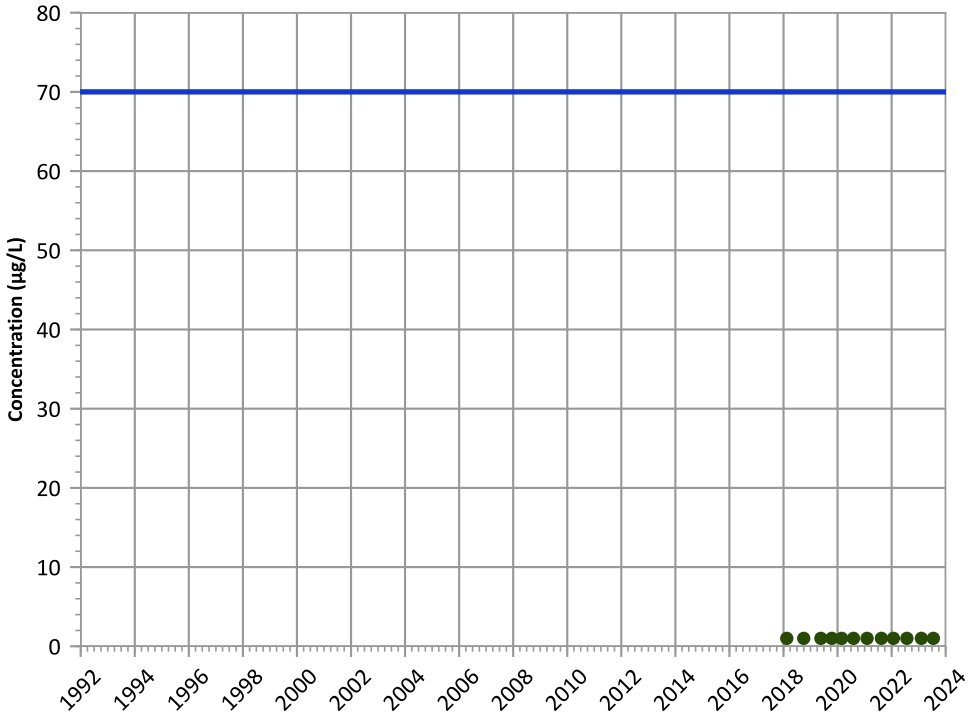
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

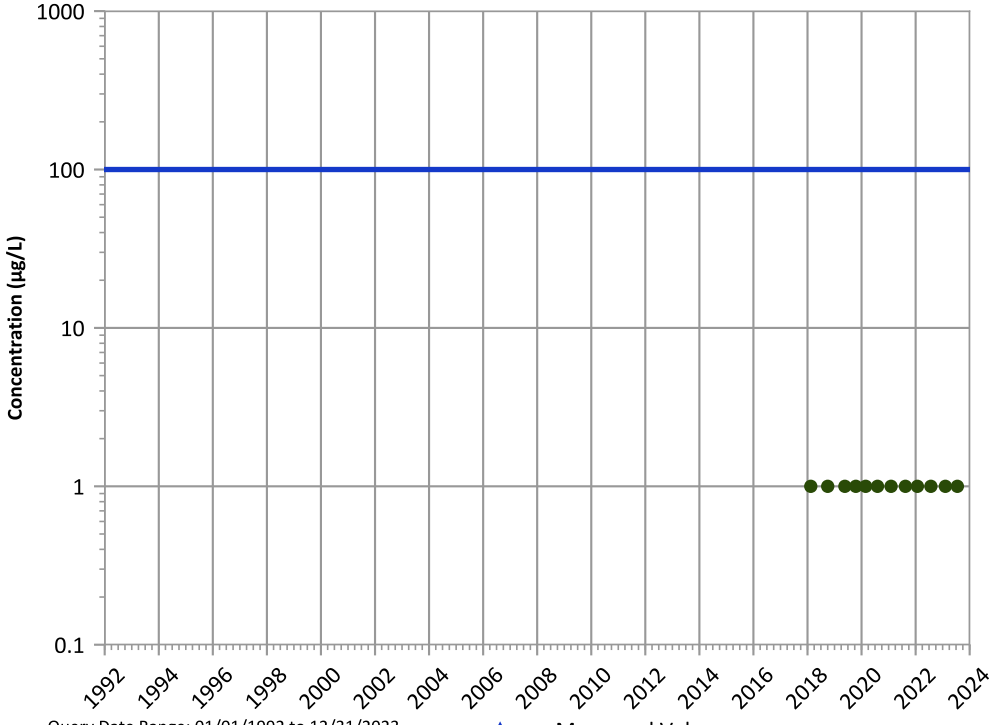
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



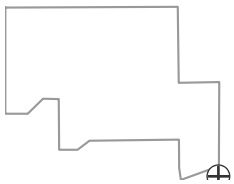
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

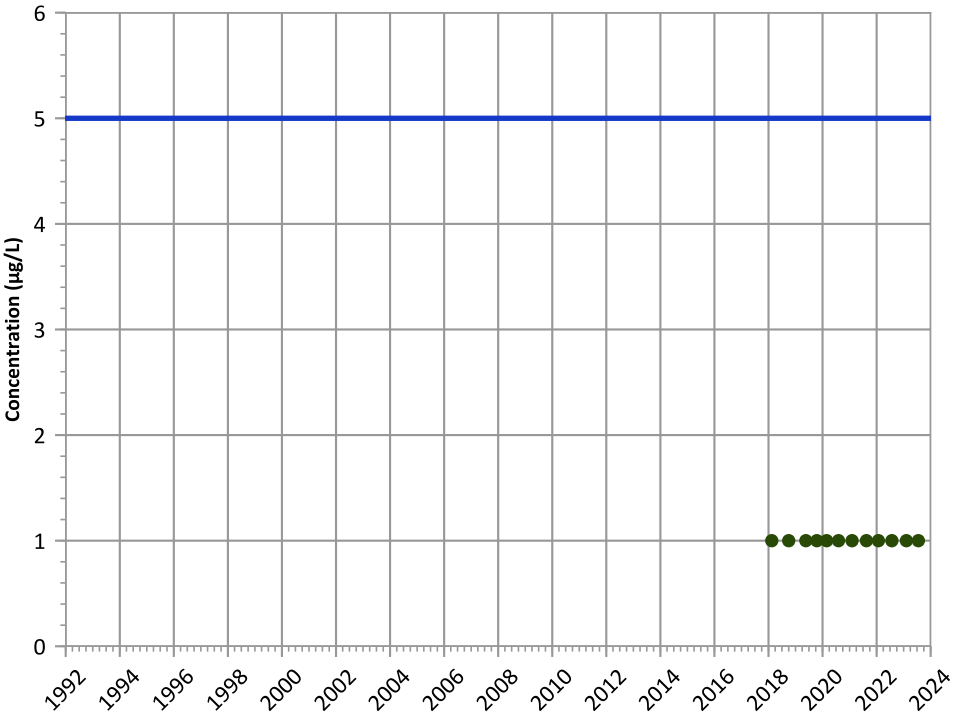
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

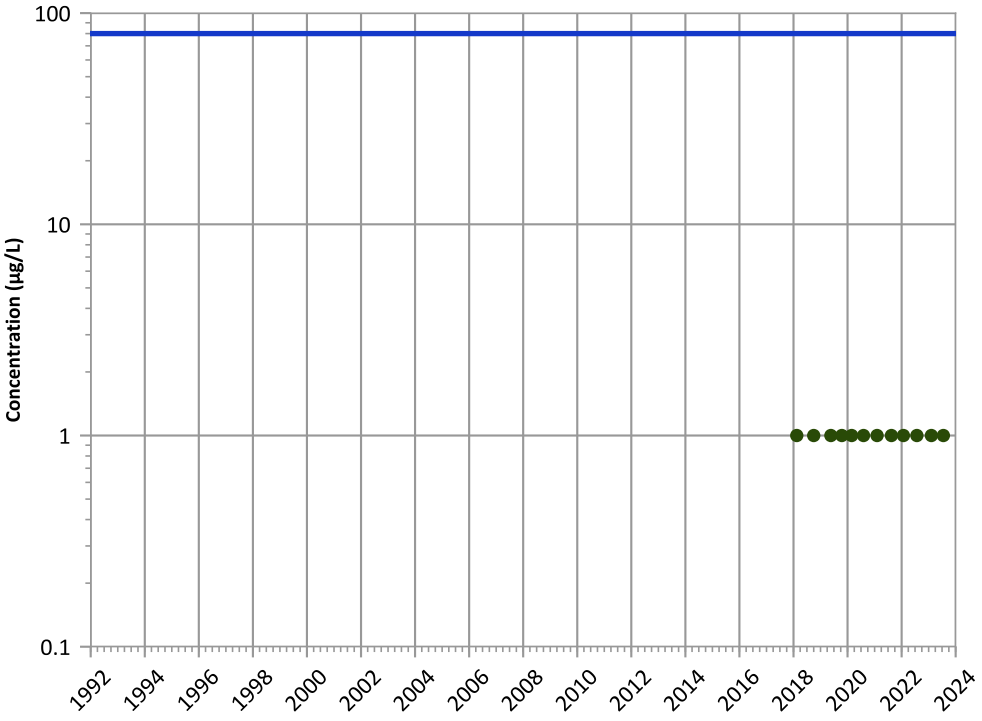


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

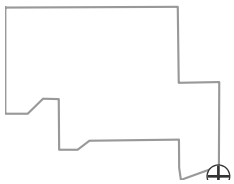
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

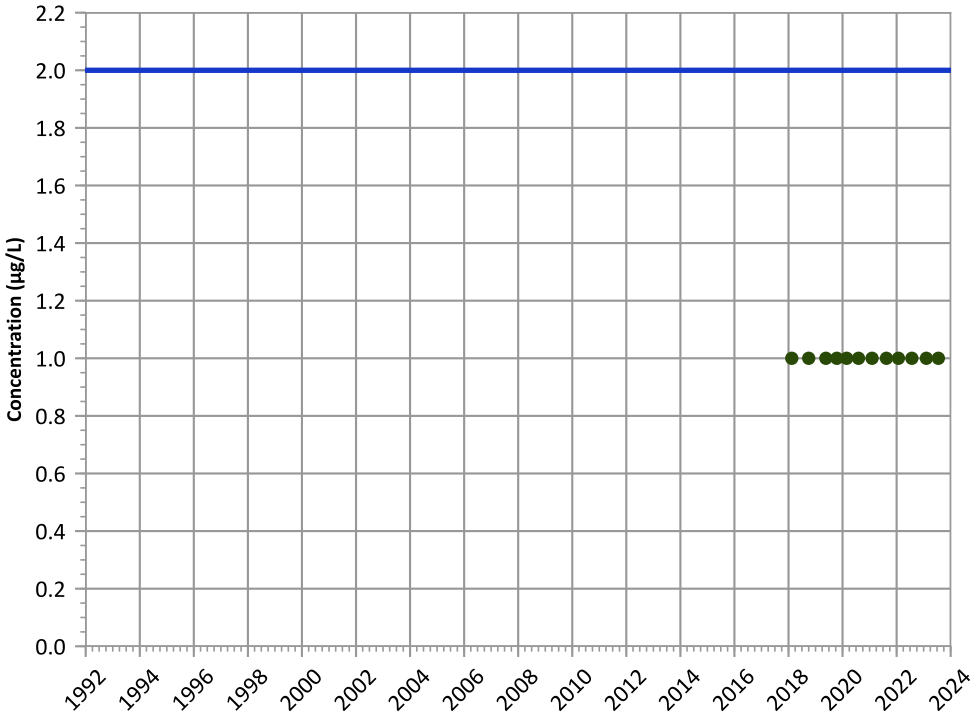
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

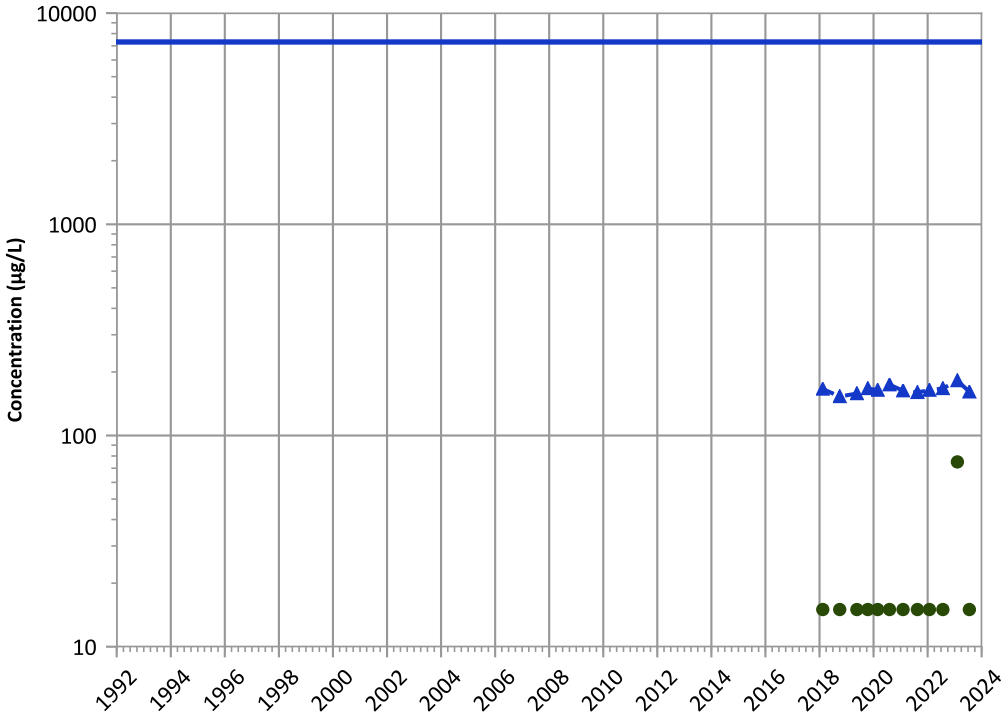


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

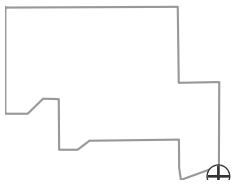
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

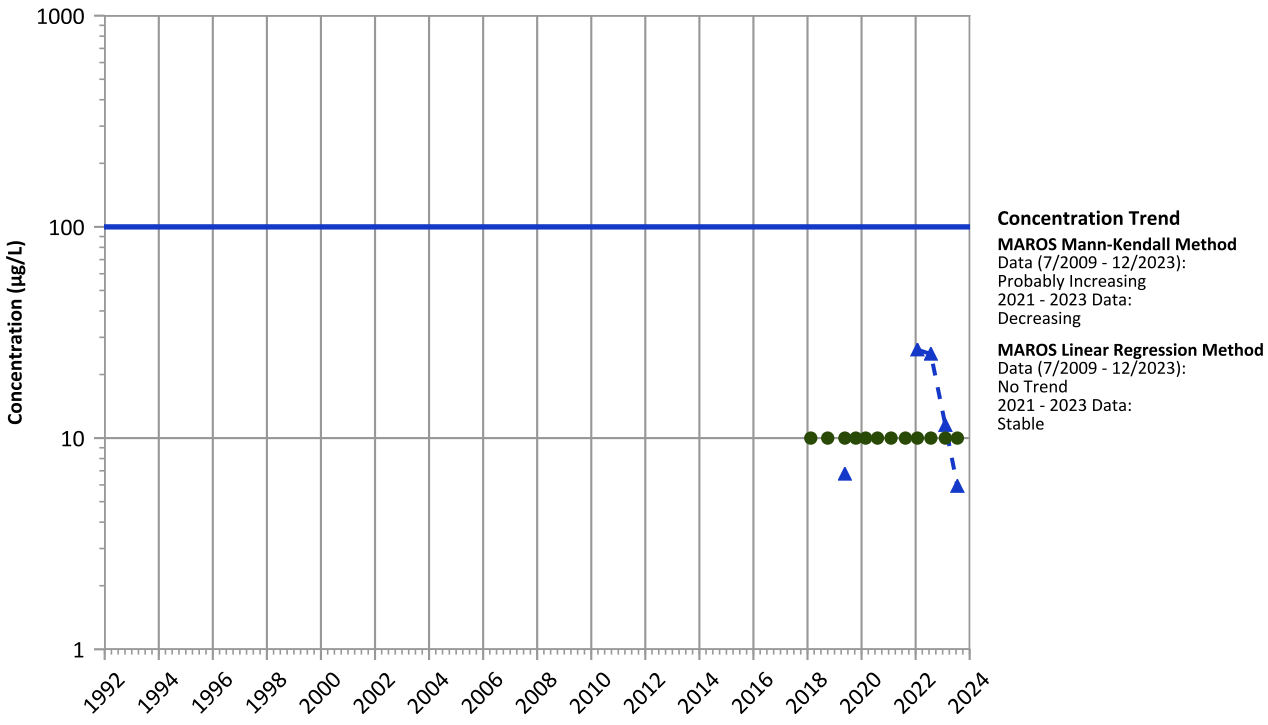
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

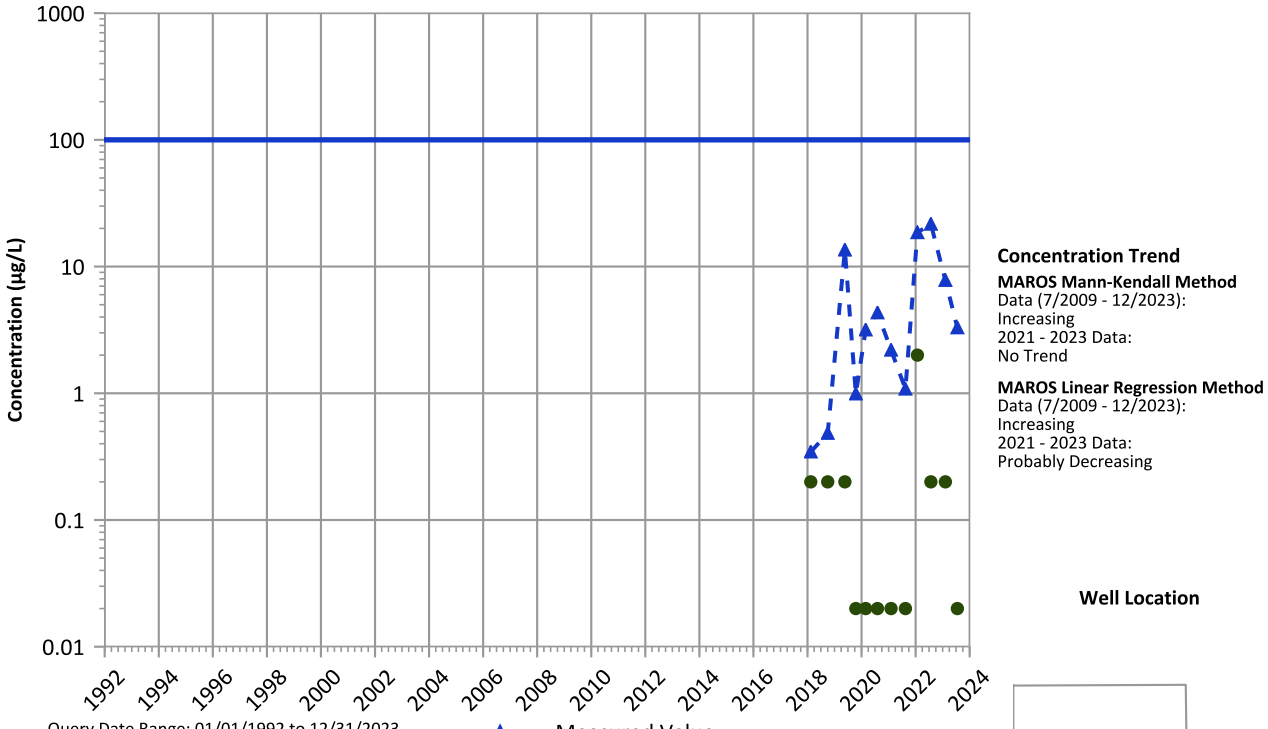


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

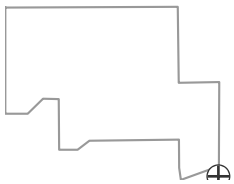
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

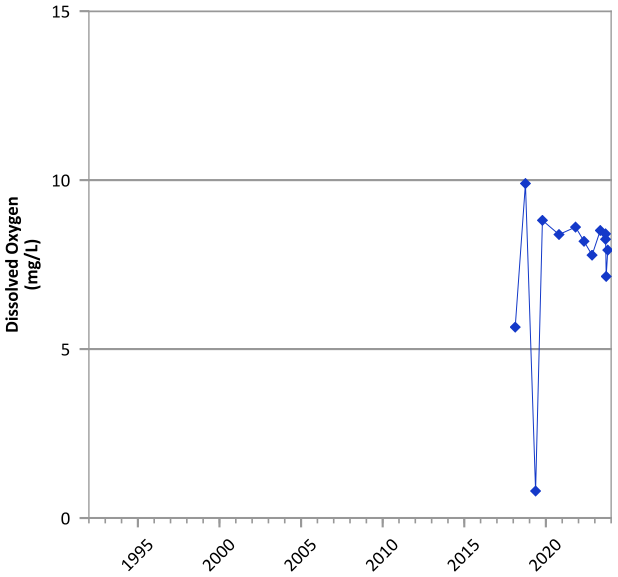
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 07/19/2023
Analysis Date: 04/01/2024

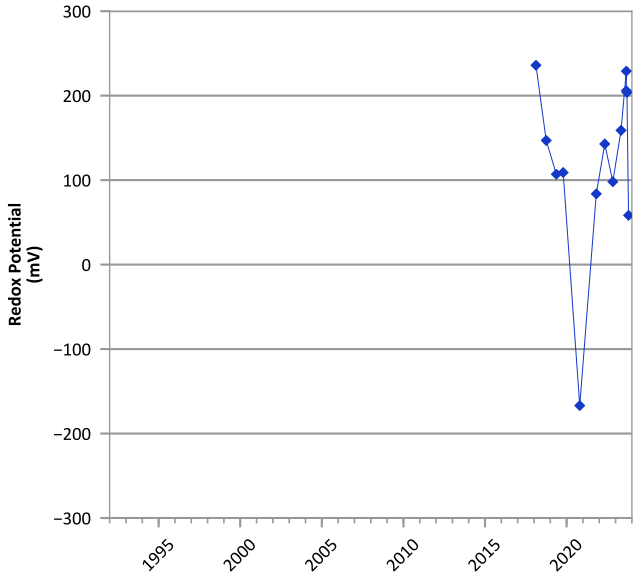
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

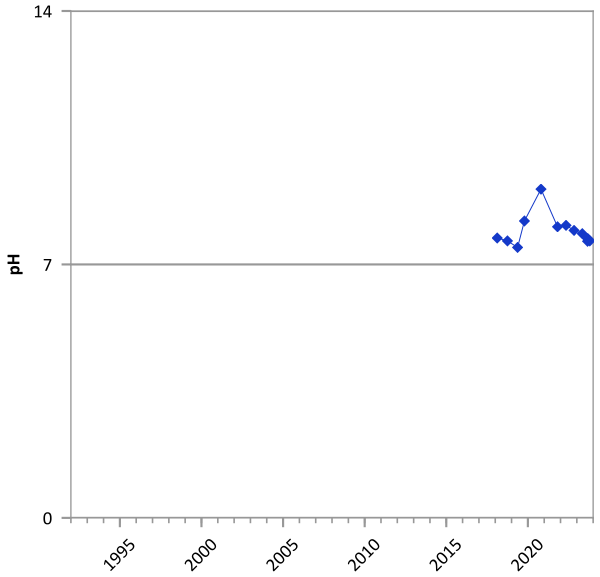
Well Location

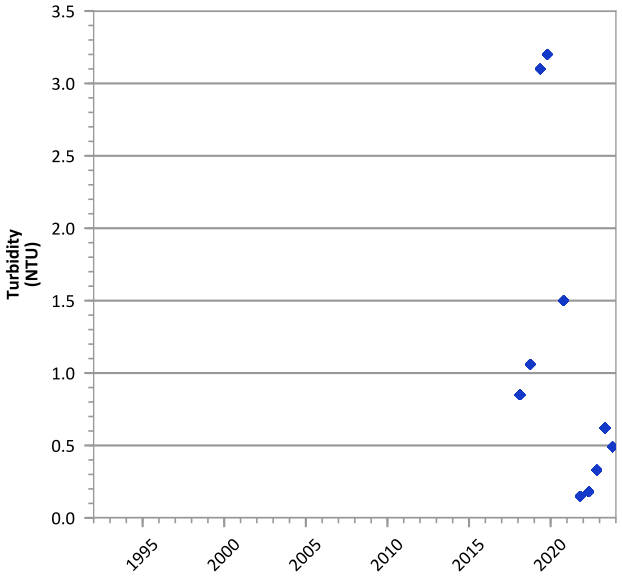


PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

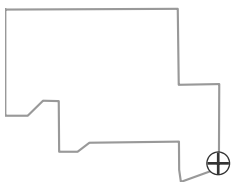






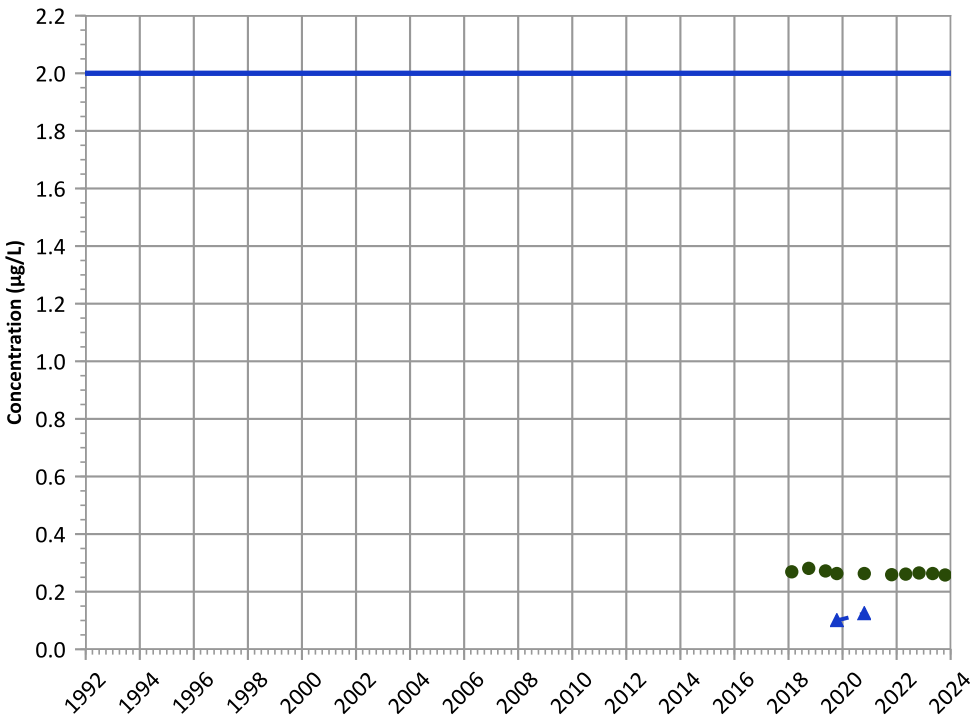


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

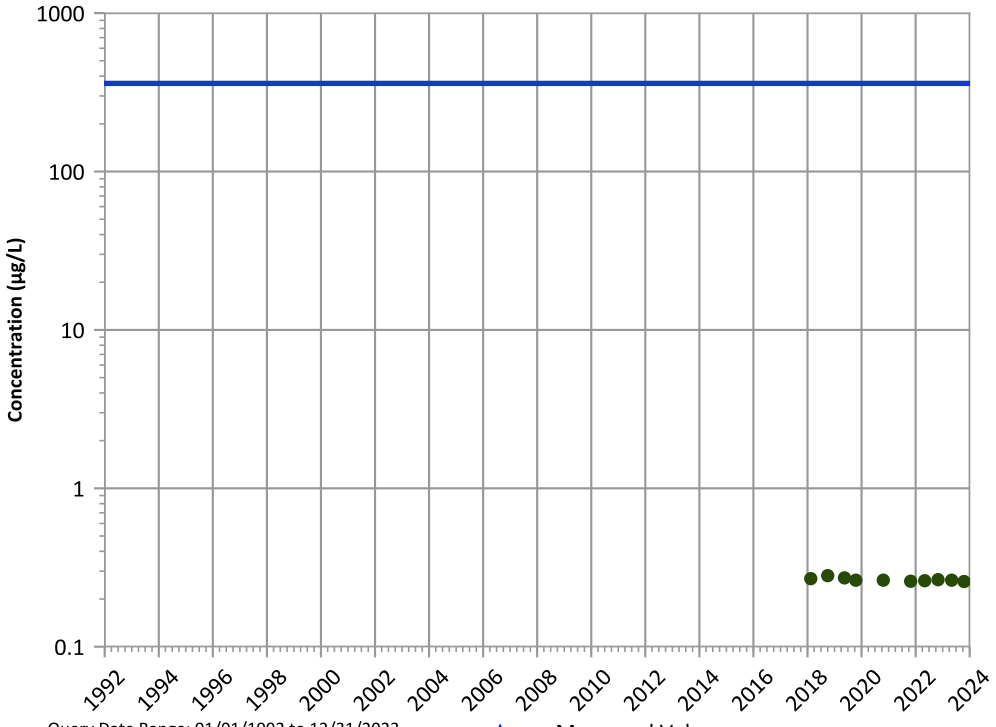


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

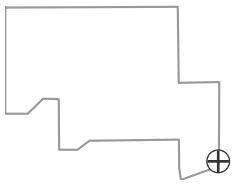
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

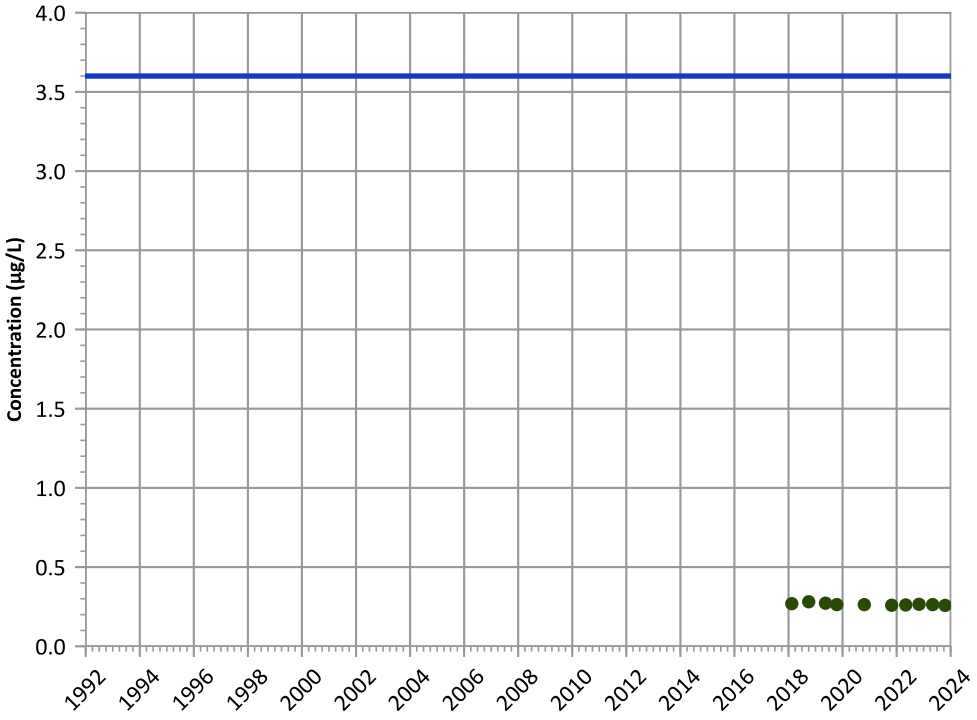
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

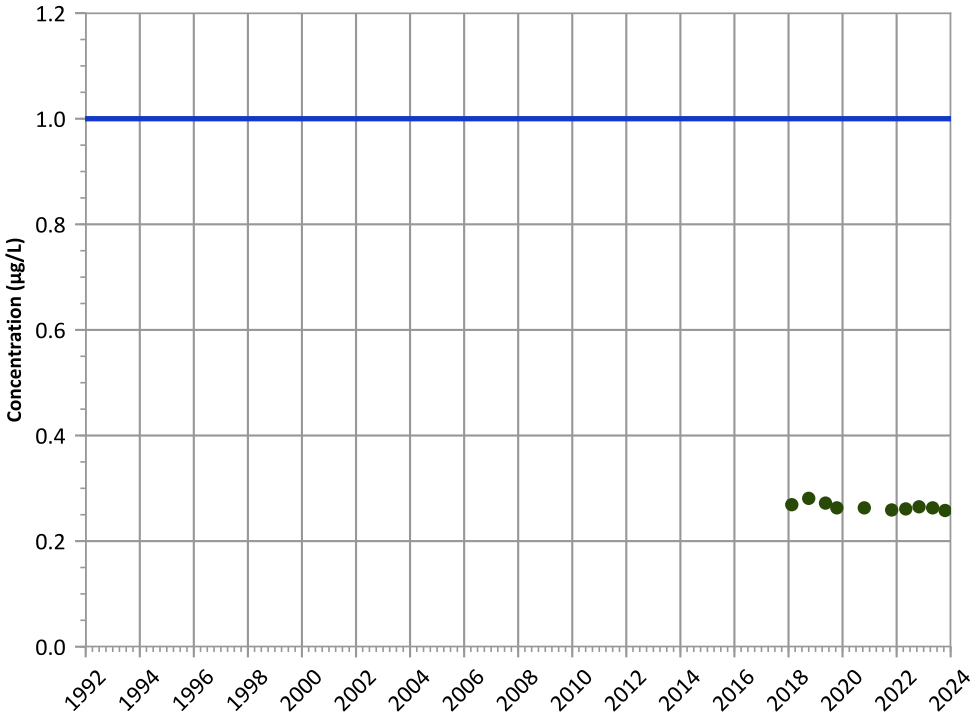


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

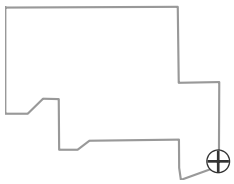
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

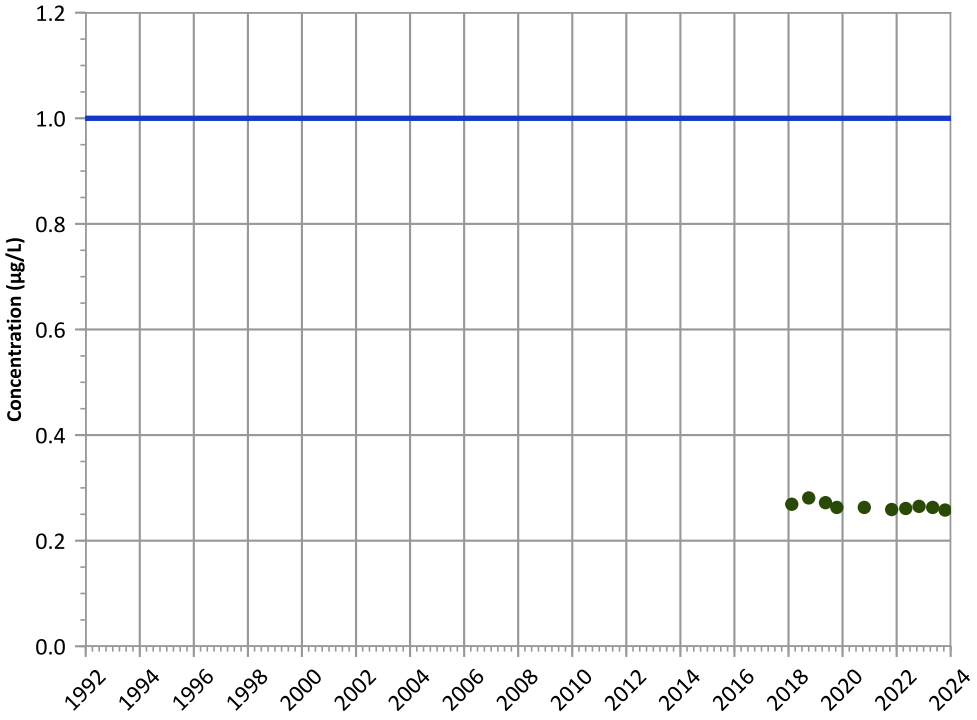
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

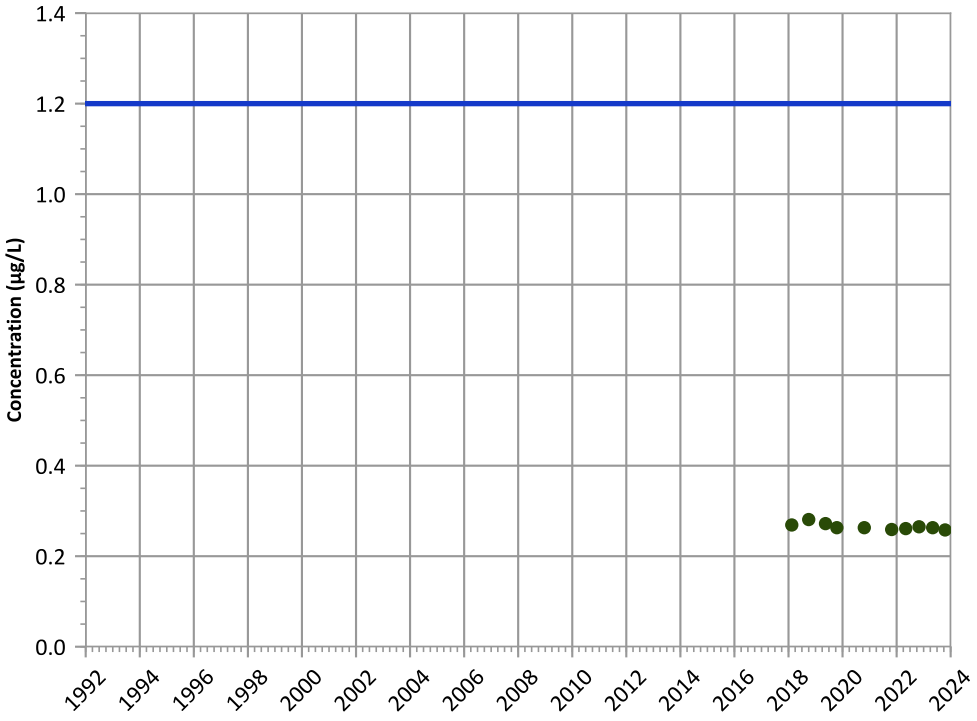


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

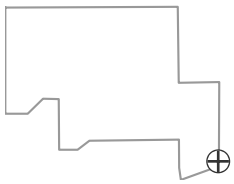
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

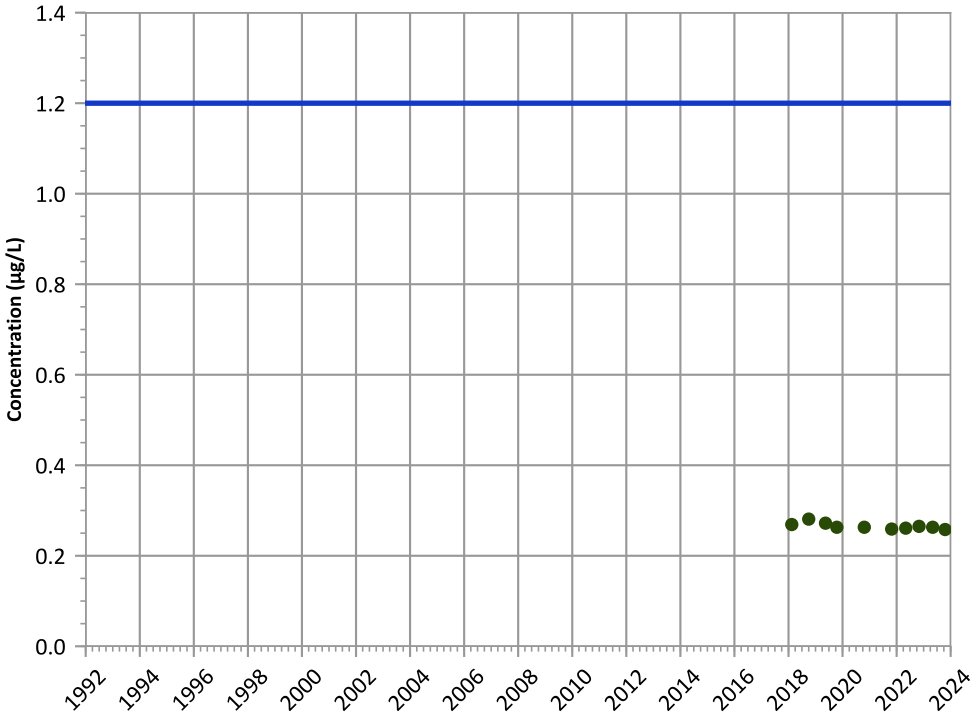
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

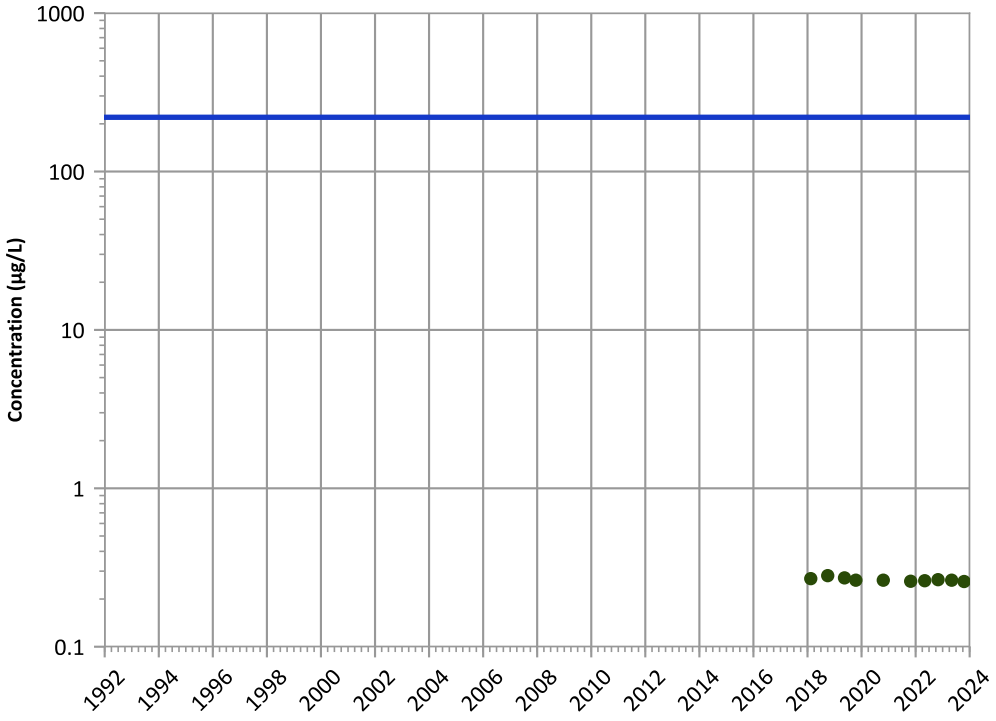


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

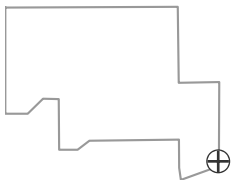
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

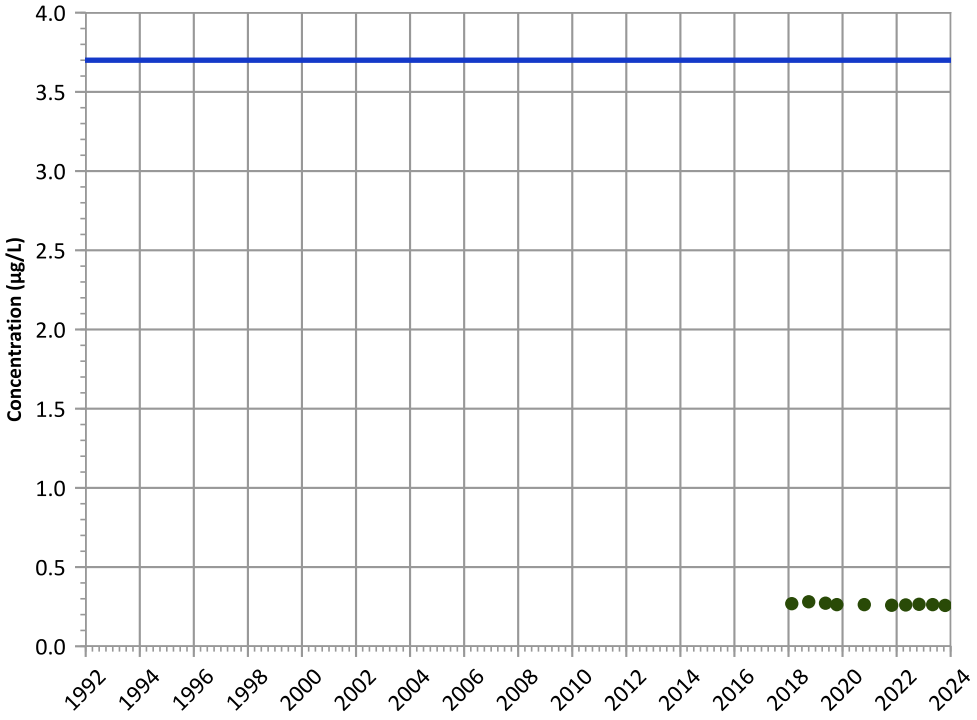
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

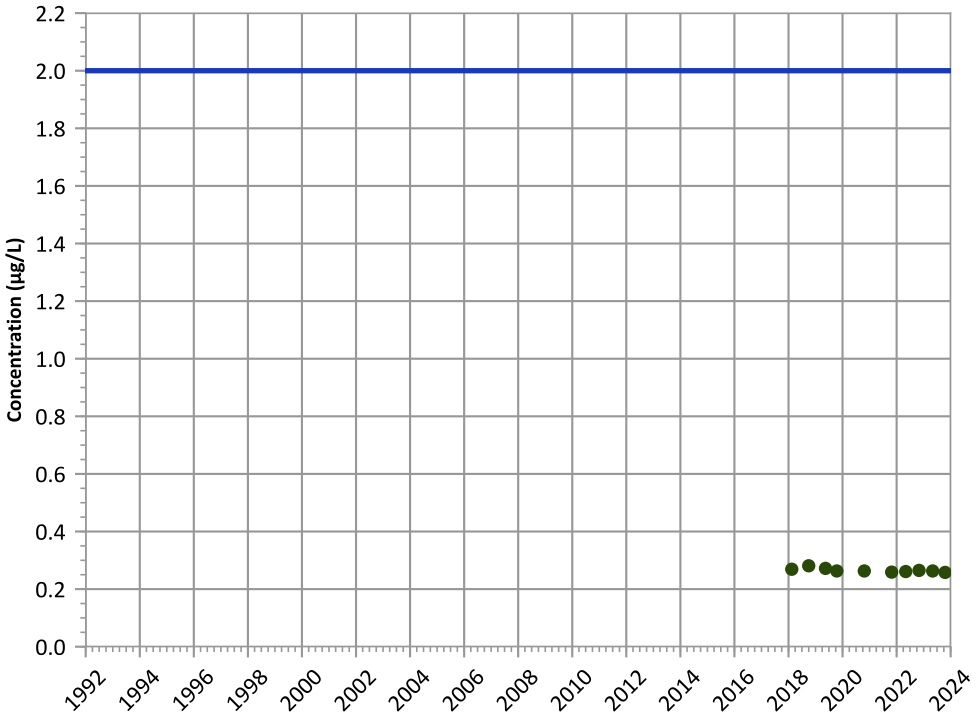


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

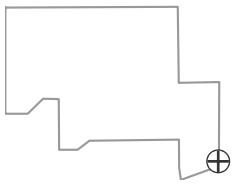
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

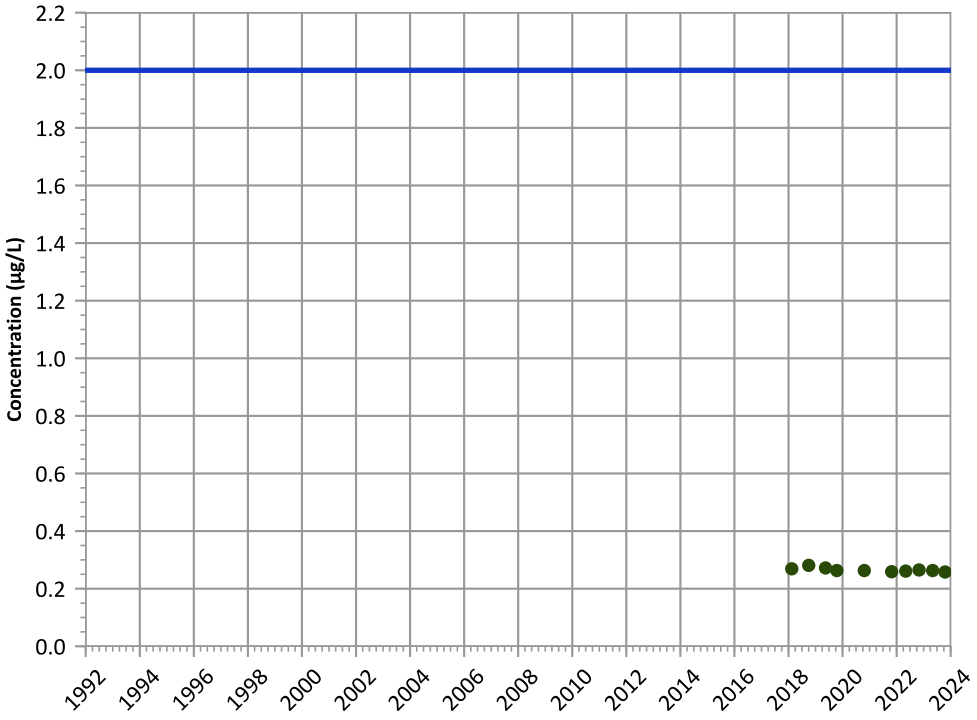
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

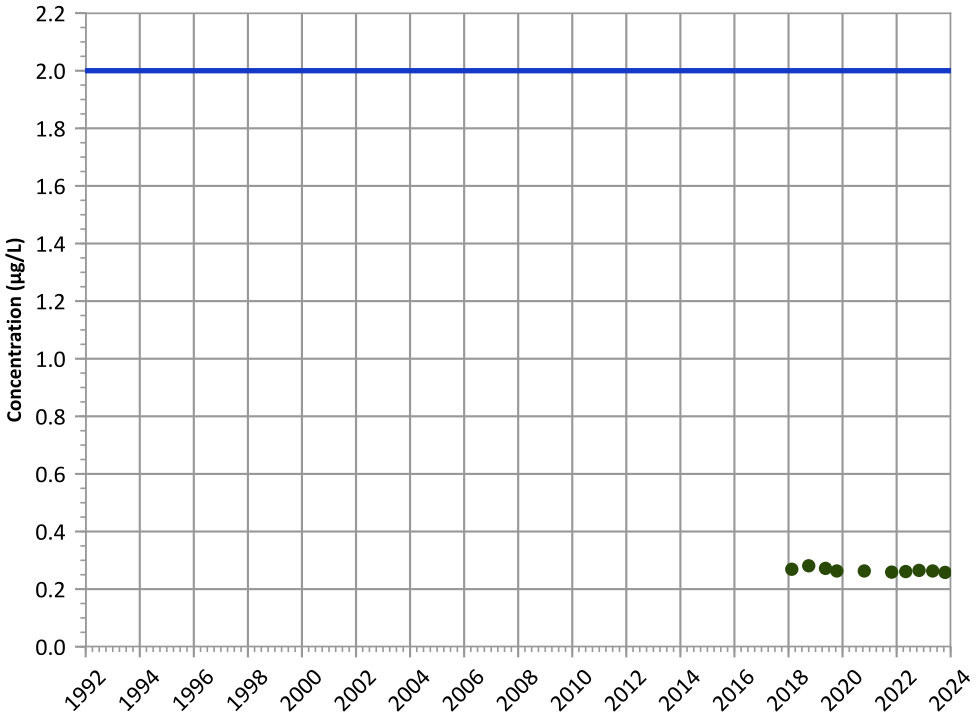


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

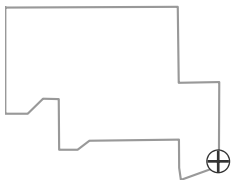
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

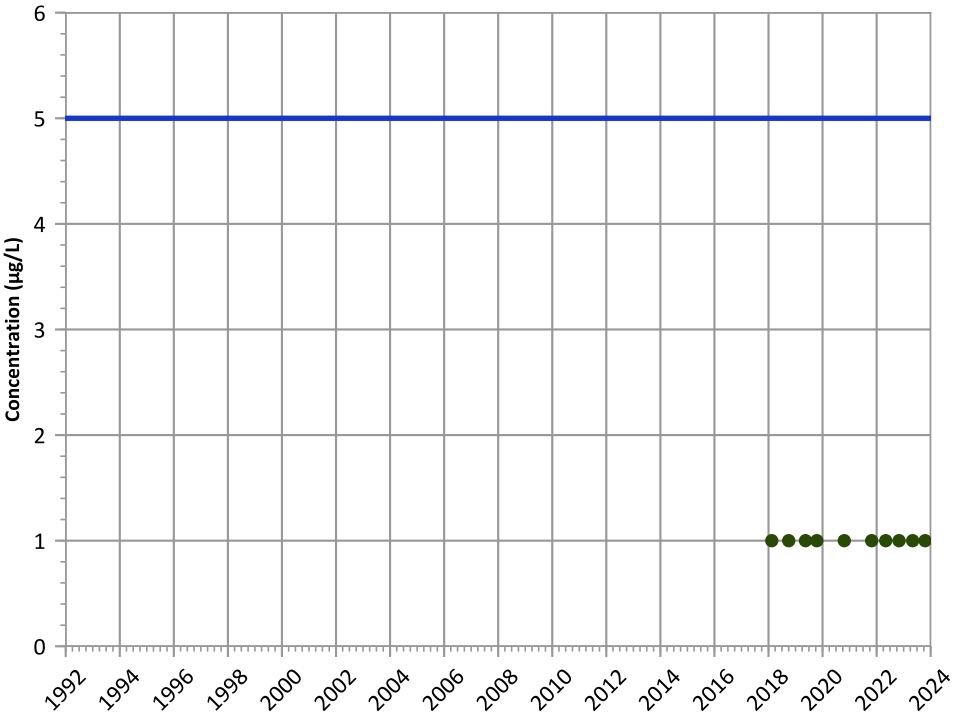
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

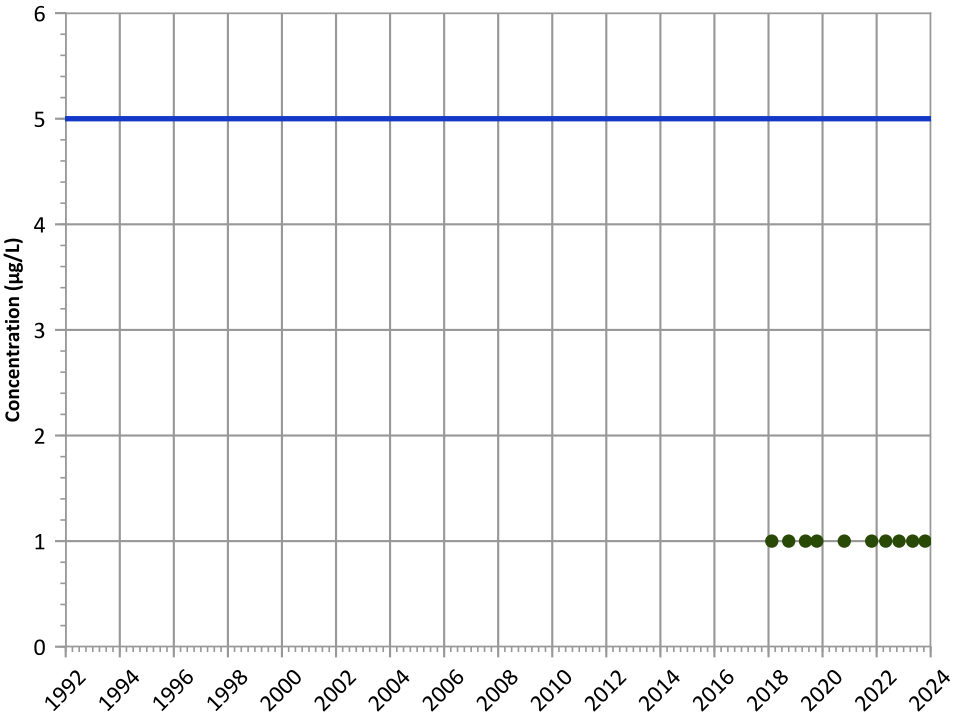


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

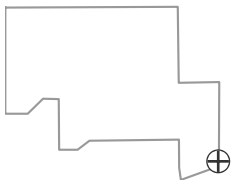
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

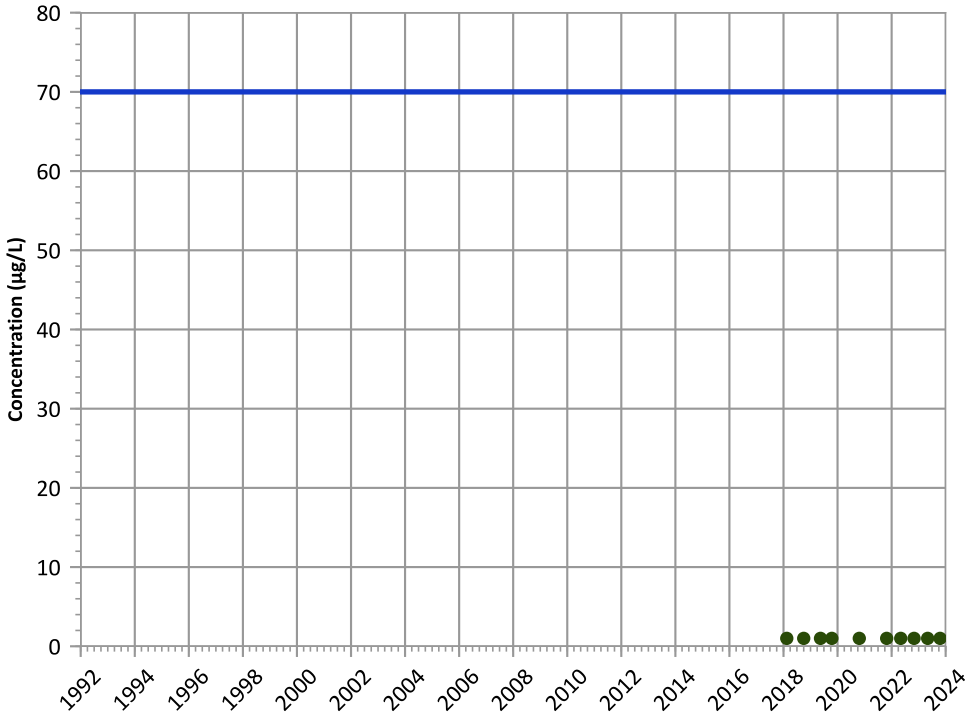
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

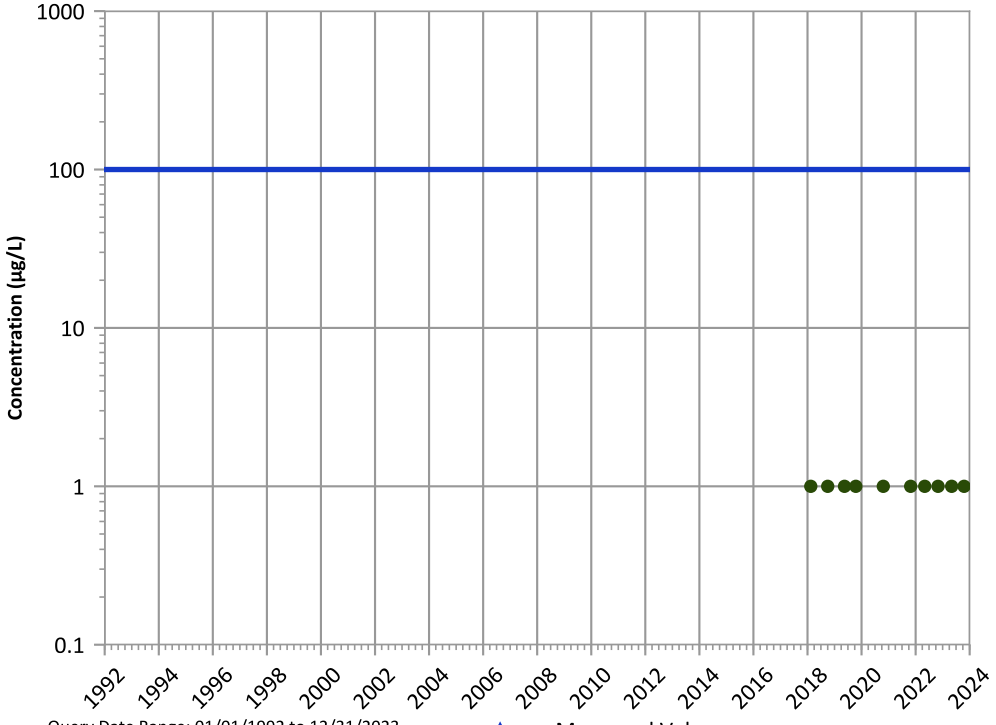
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



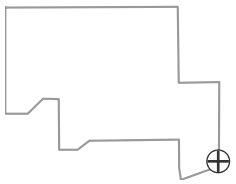
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

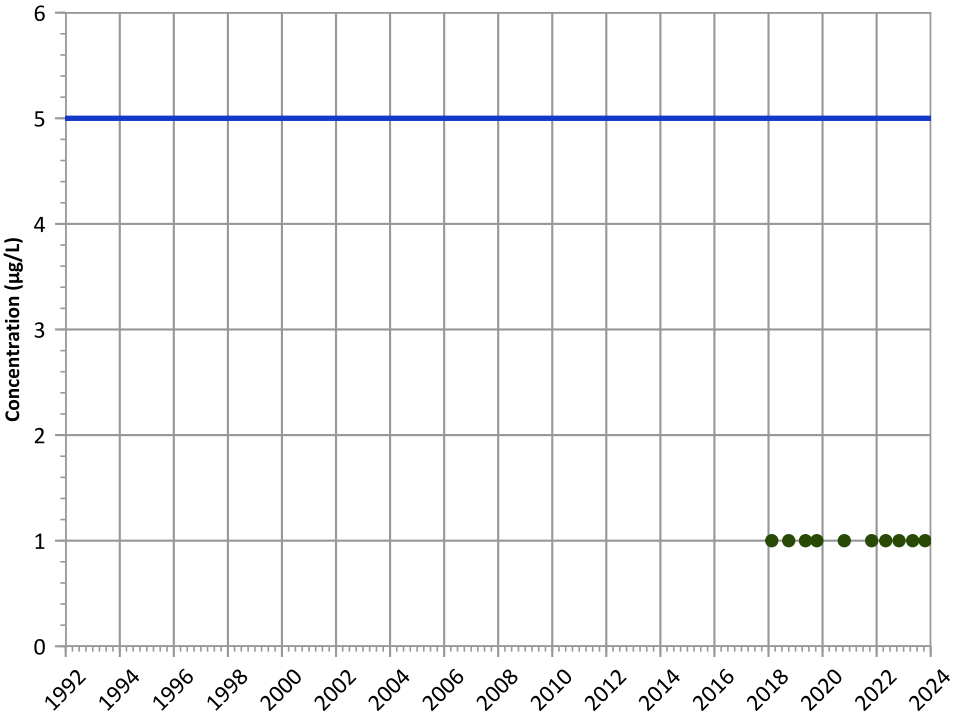
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

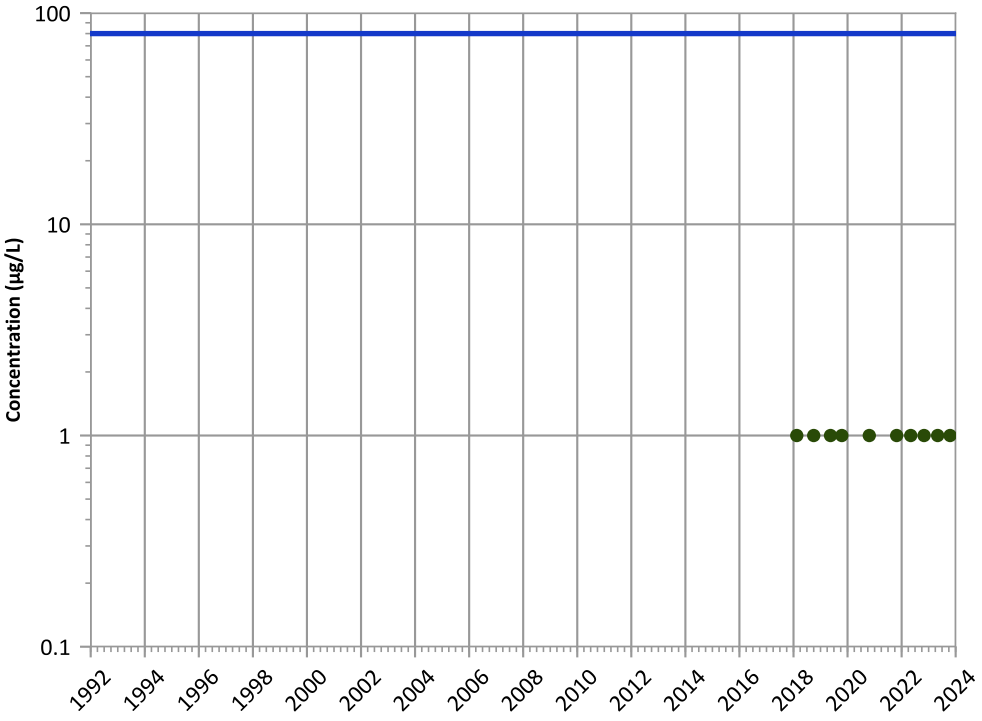


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

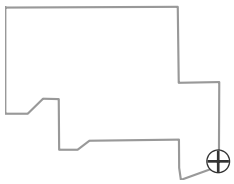
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

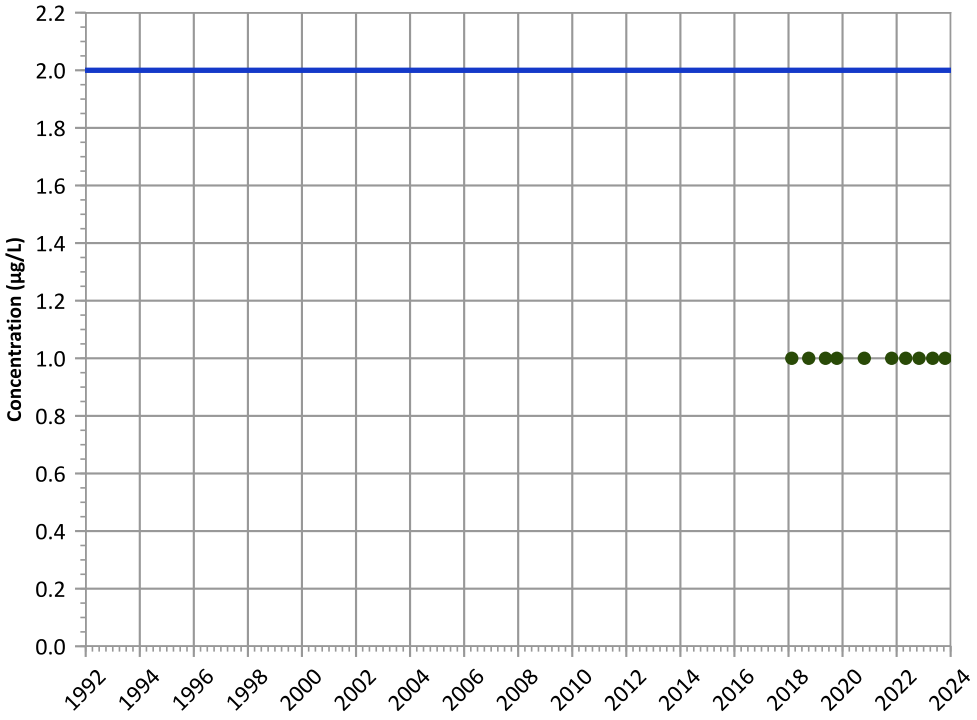
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

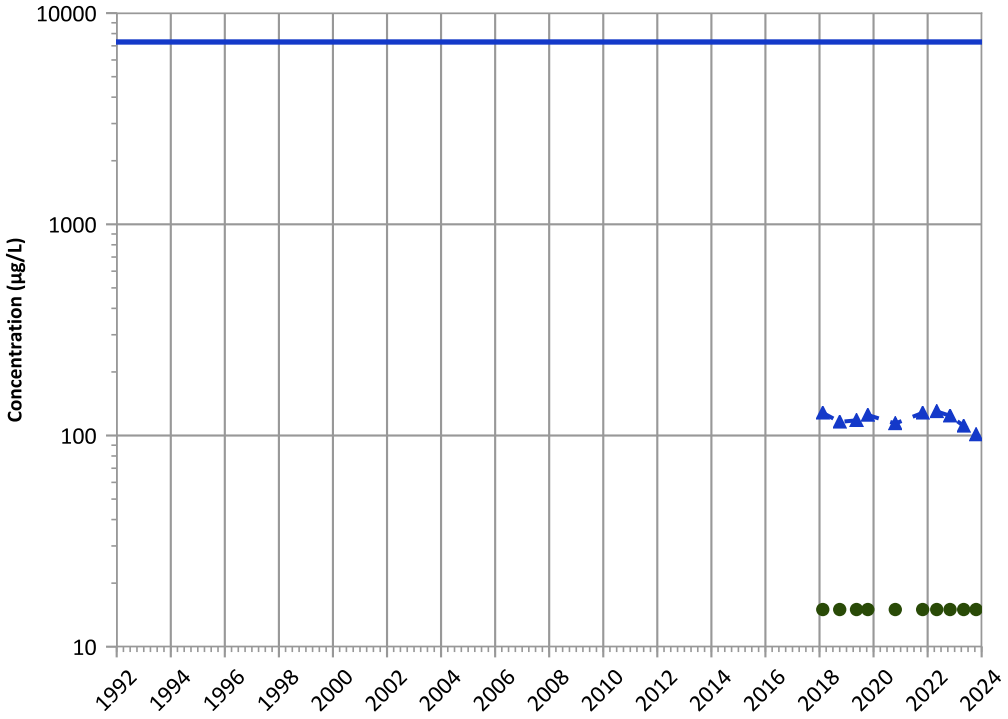


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

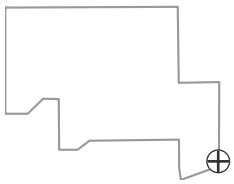
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

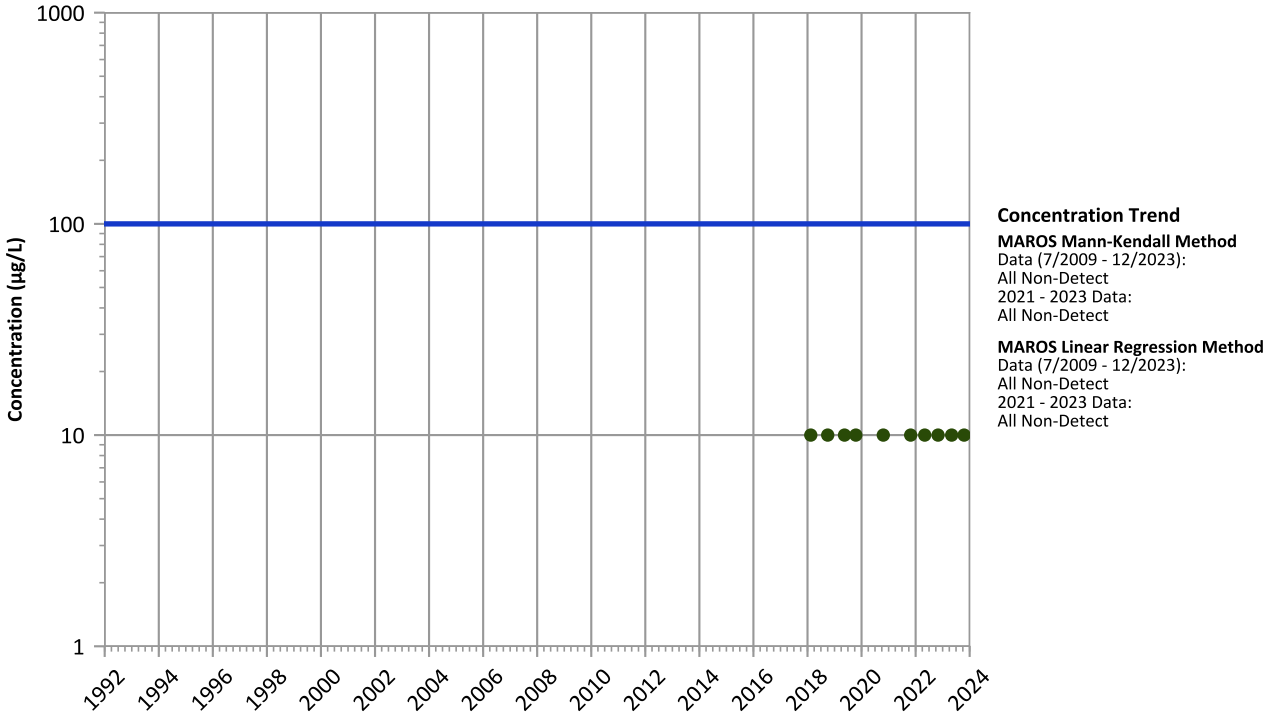
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

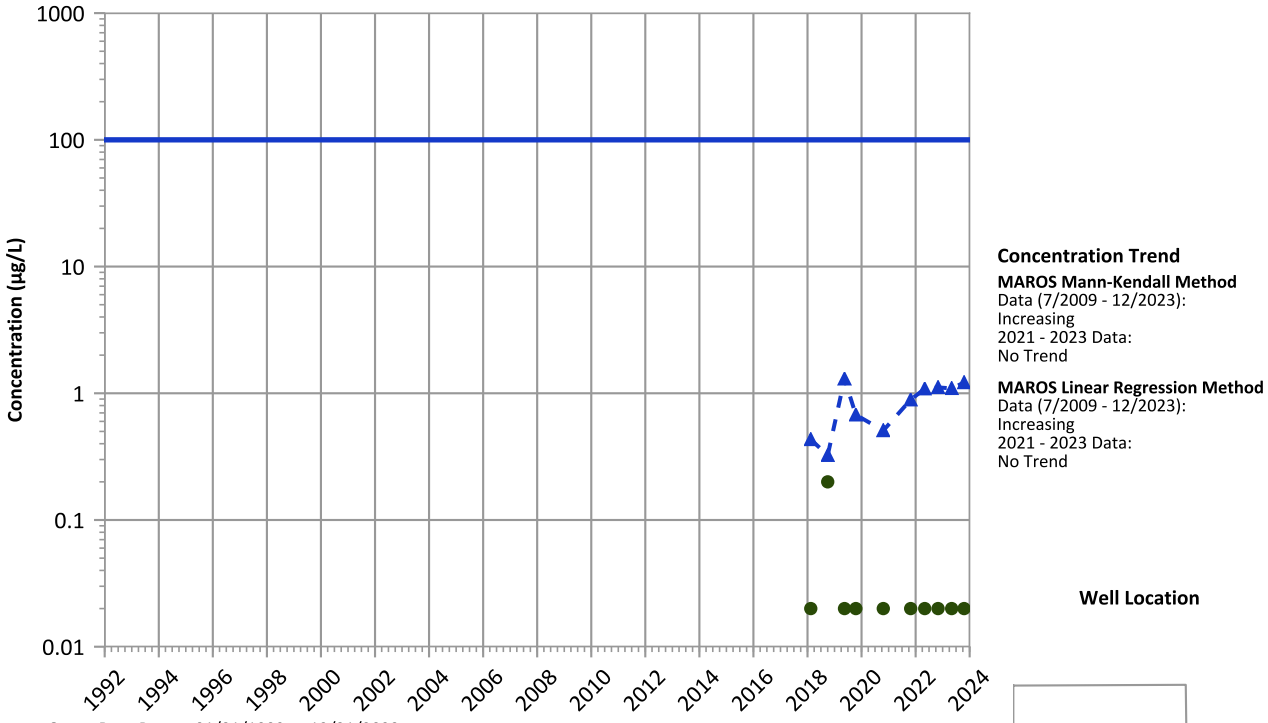


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chromium, Hexavalent Trend



Concentration Trend

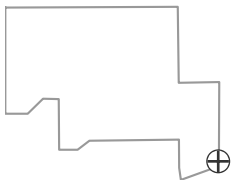
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

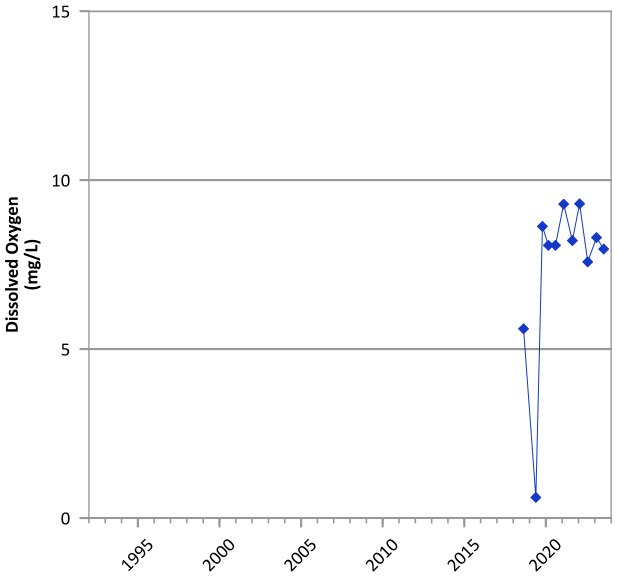
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/14/2018 to 10/18/2023
Analysis Date: 04/01/2024

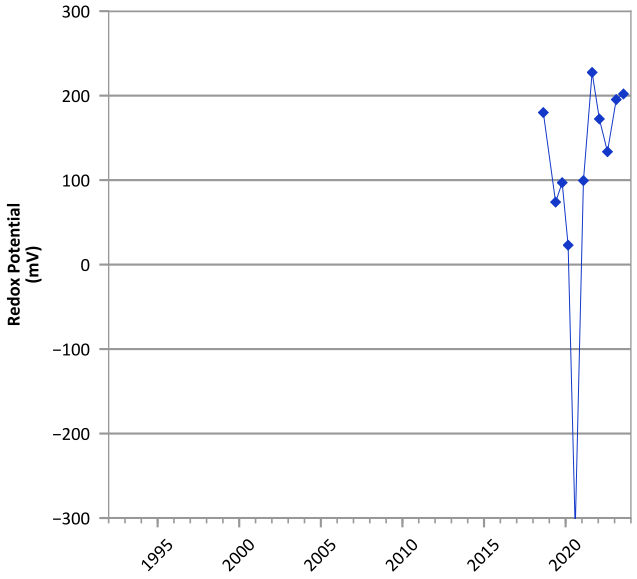
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

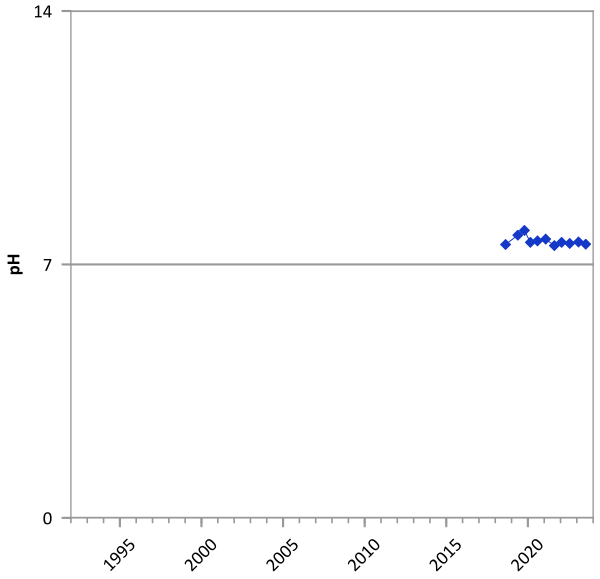
Well Location

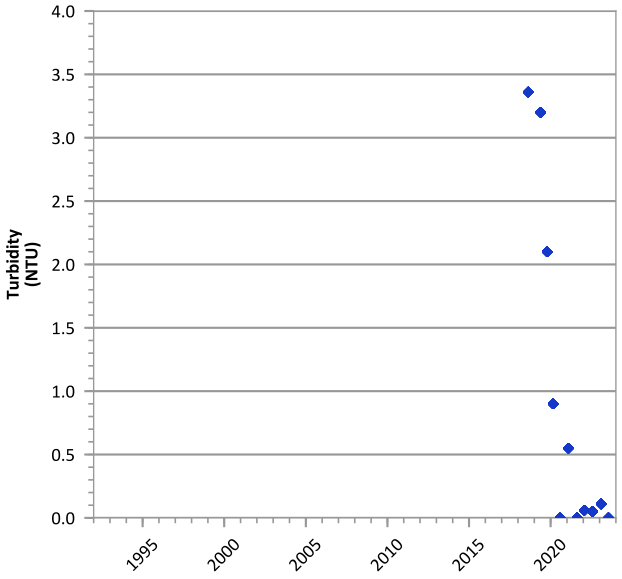


PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

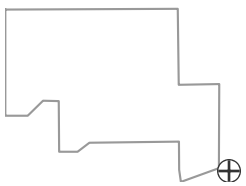






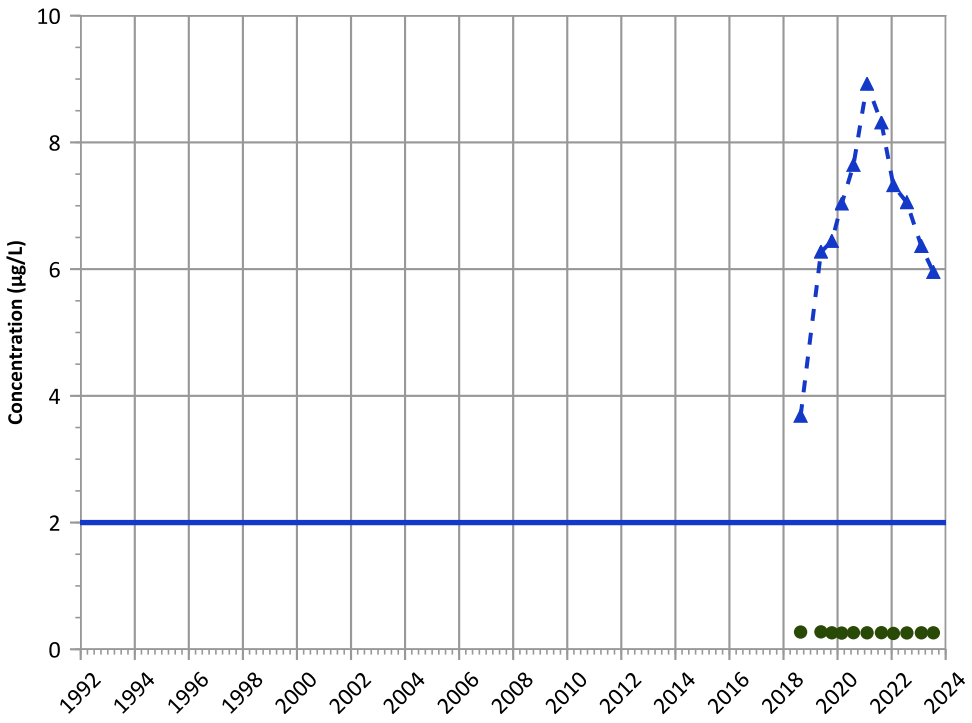


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

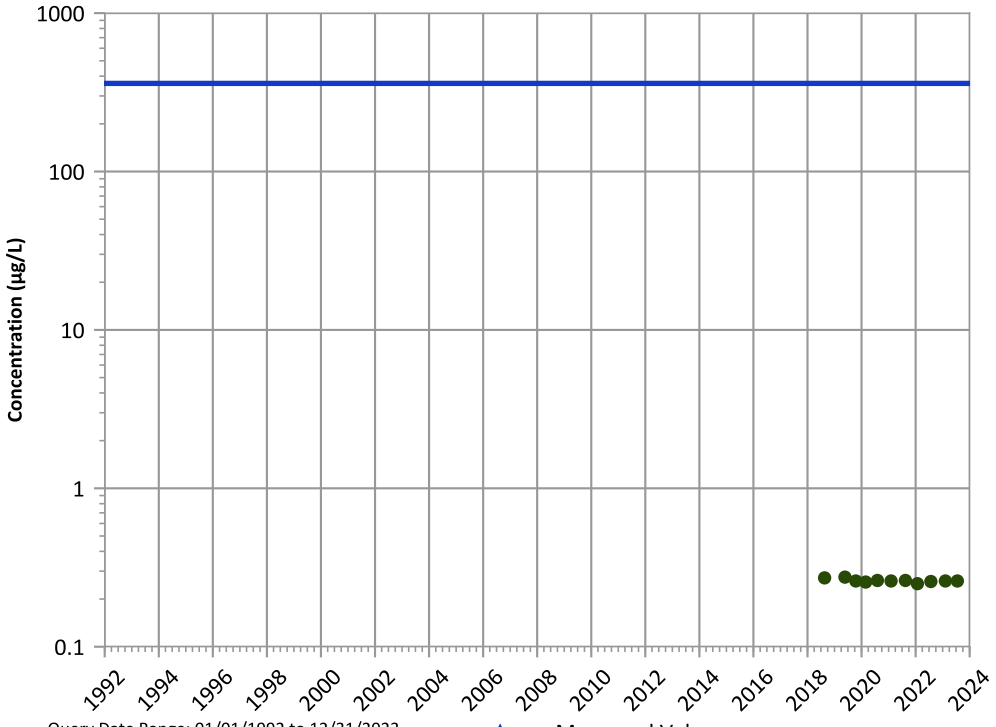


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

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



Concentration Trend

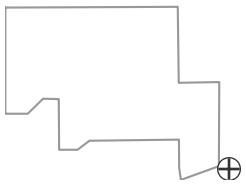
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

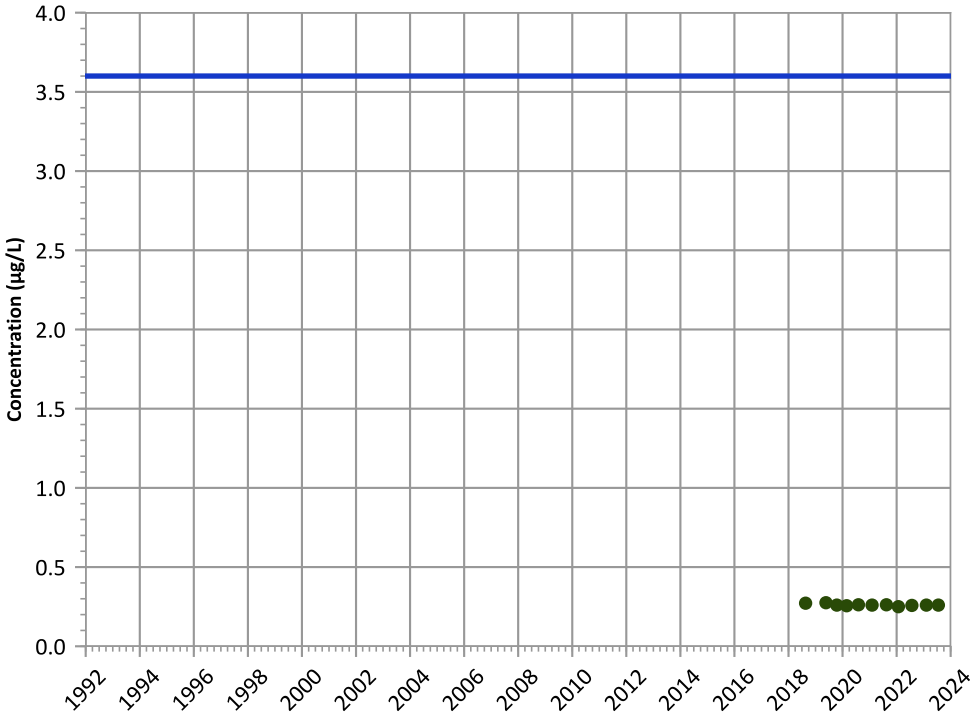
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

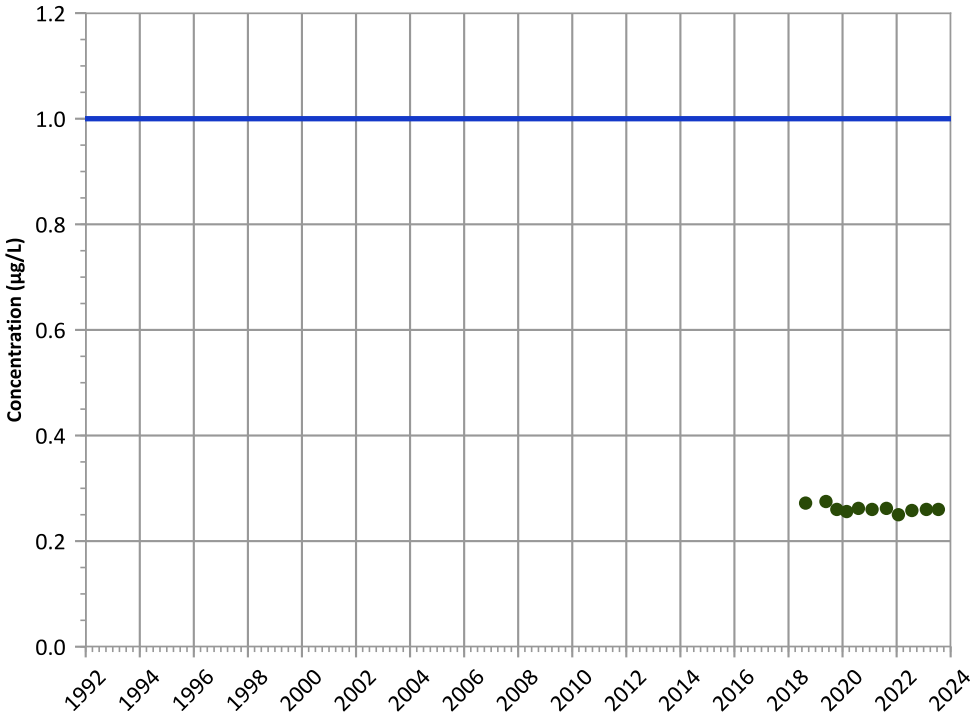


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

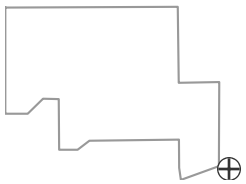
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

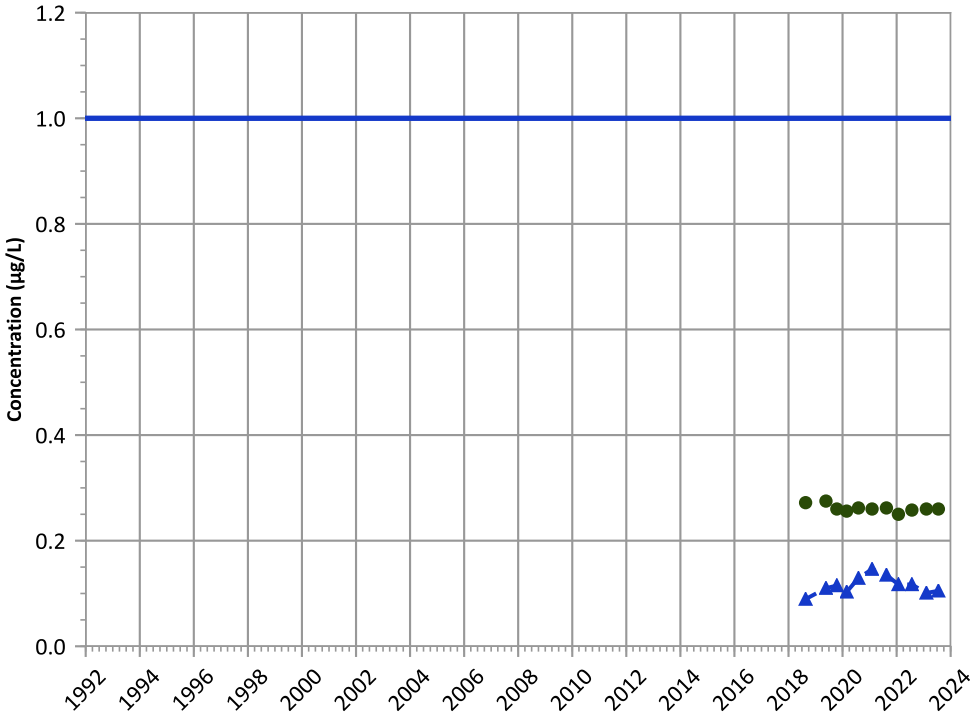
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

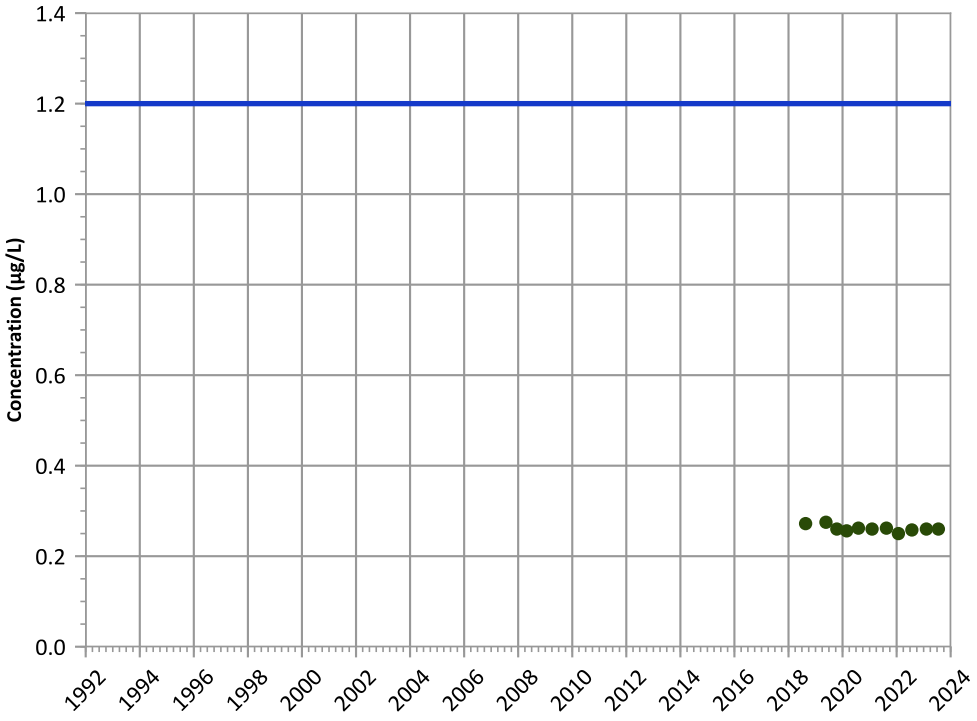


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

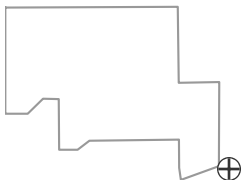
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

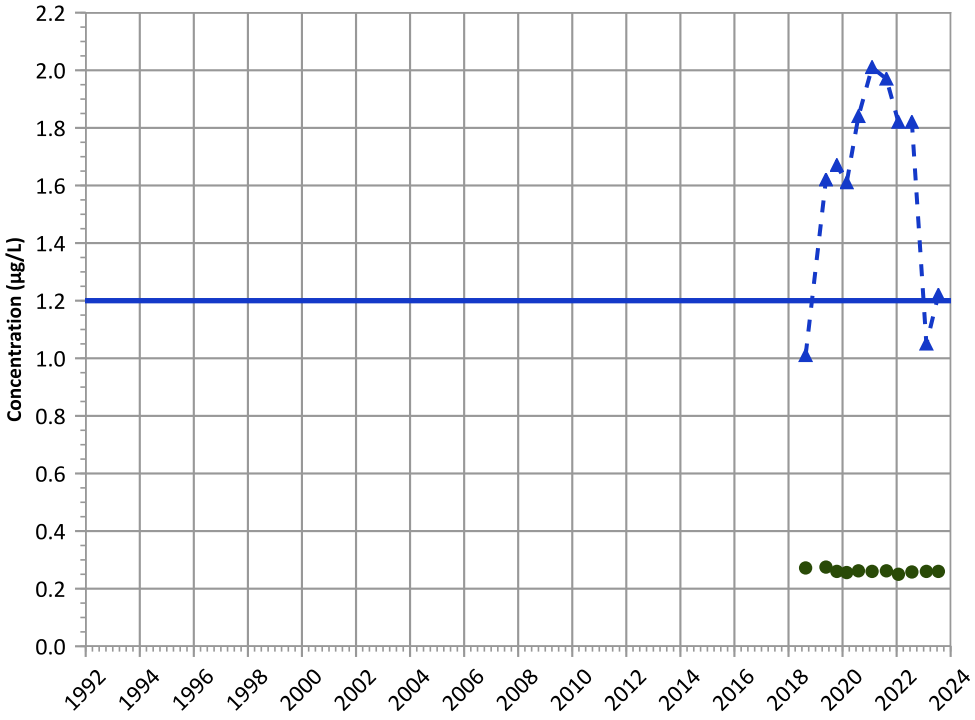
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

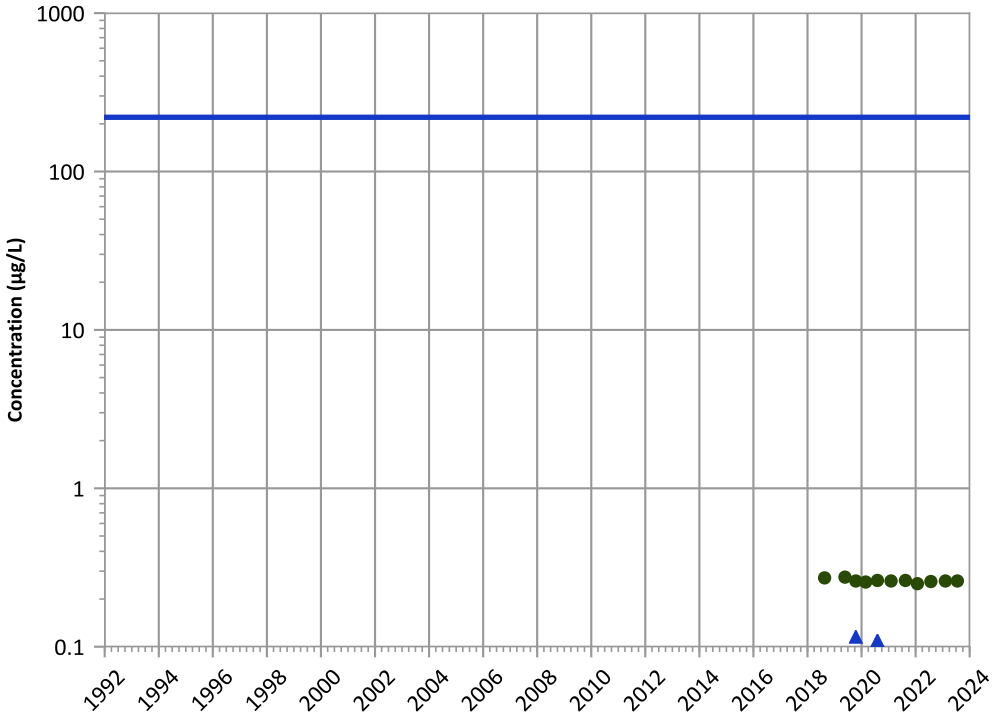


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

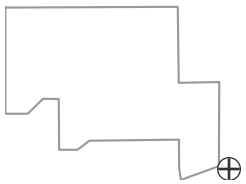
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

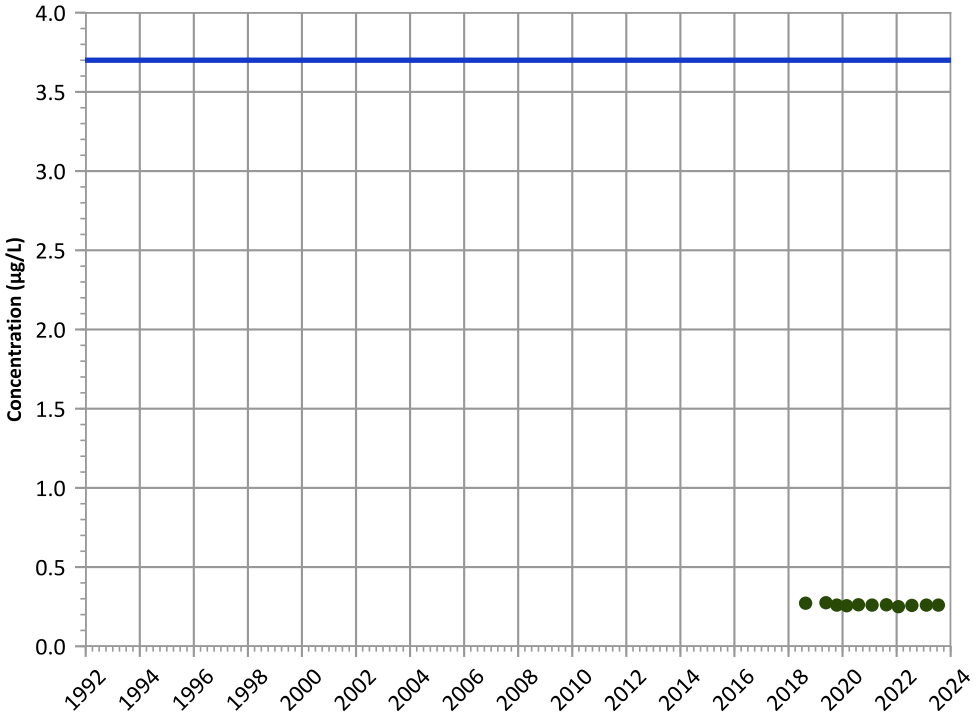
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

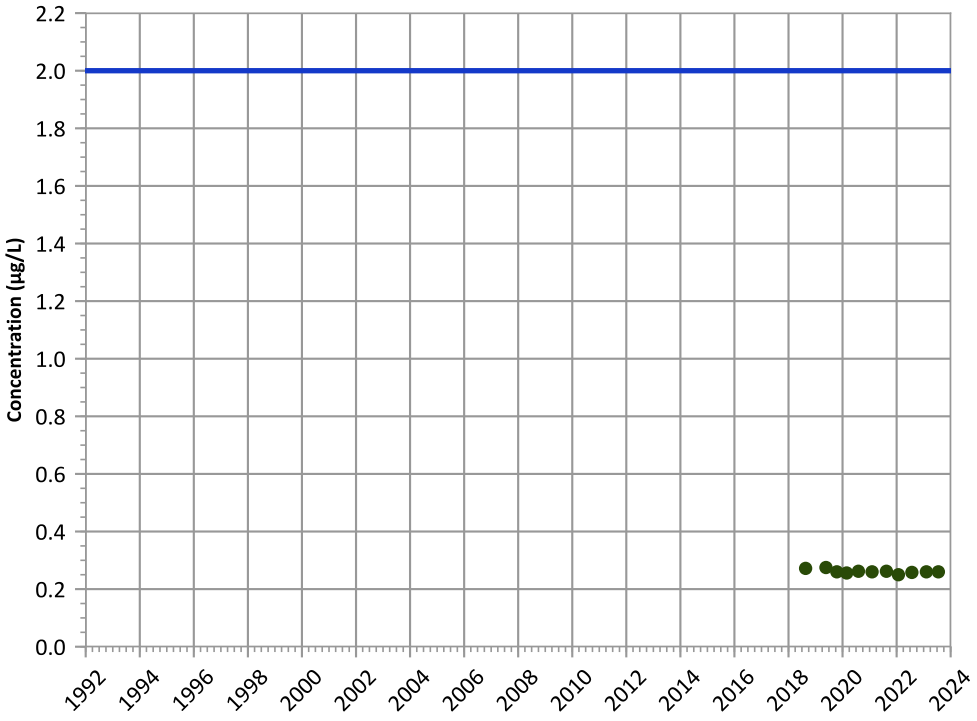


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

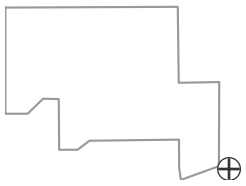
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

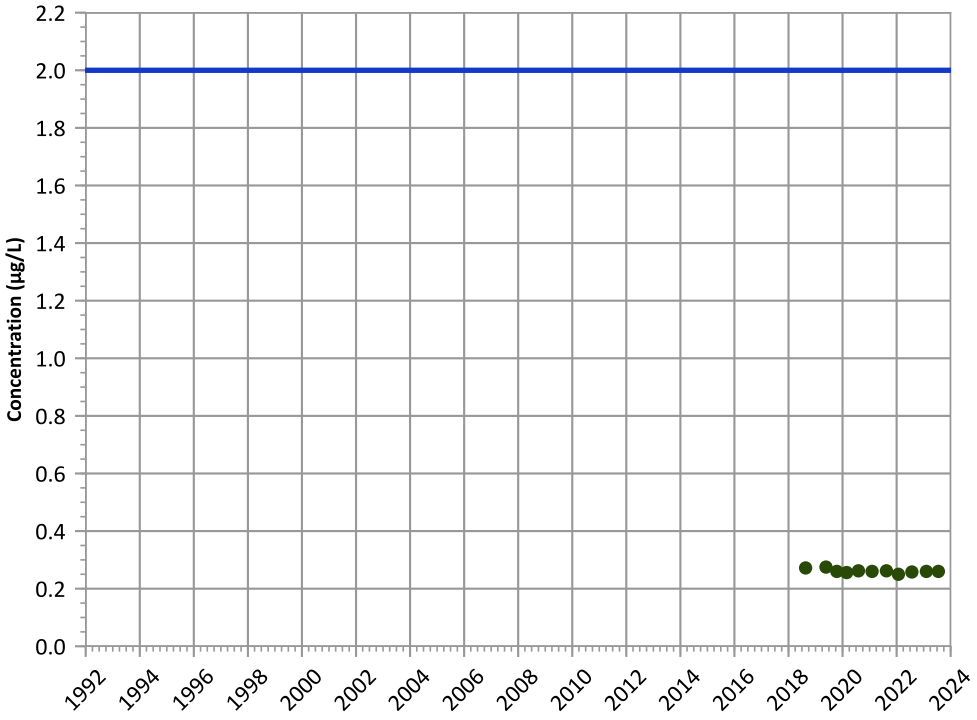
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

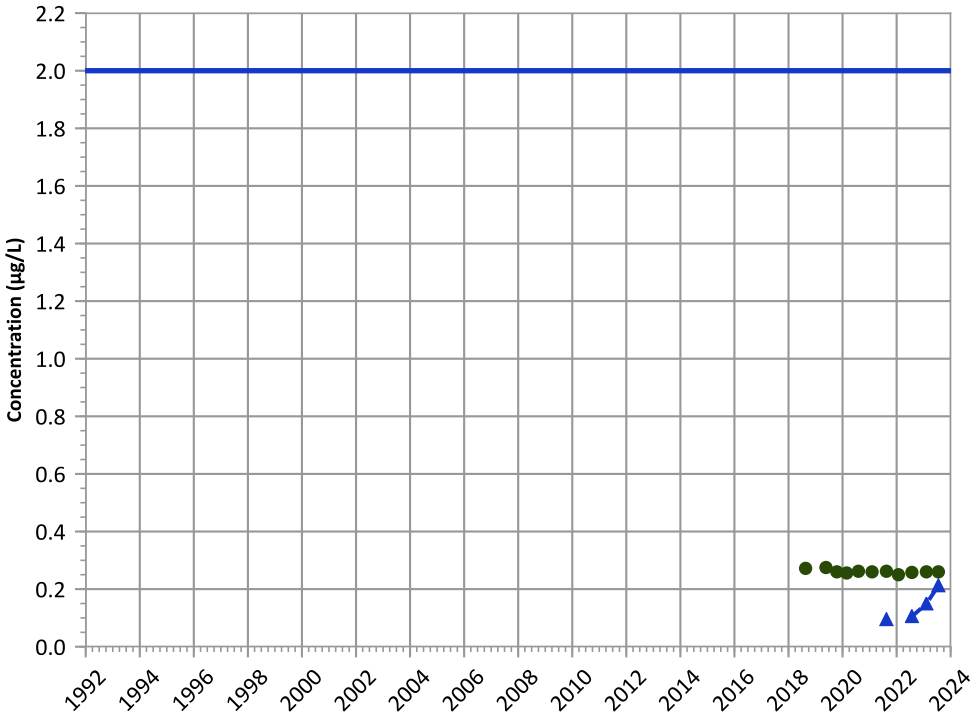


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

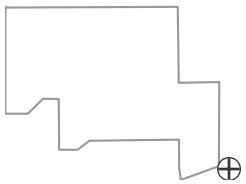
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

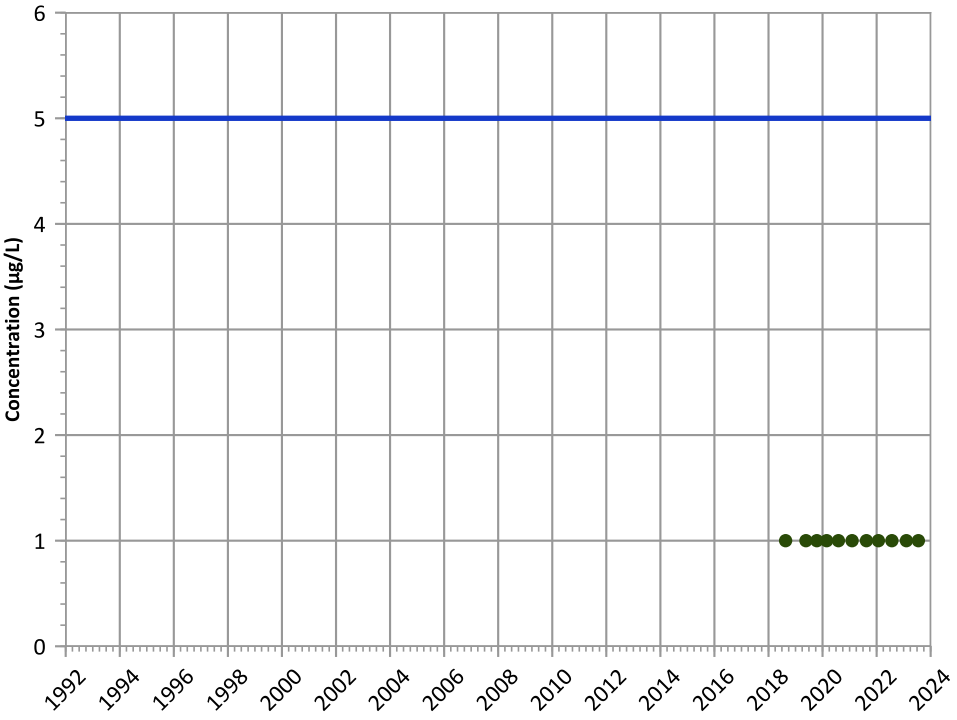
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

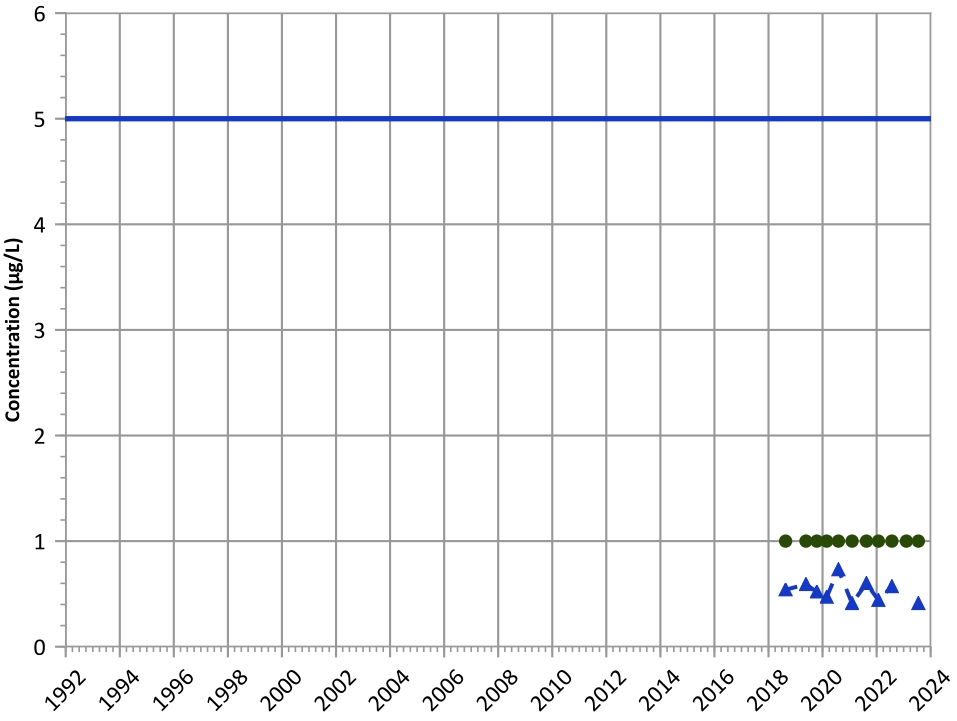


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

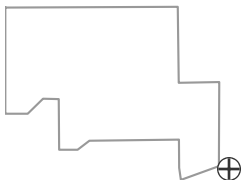
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

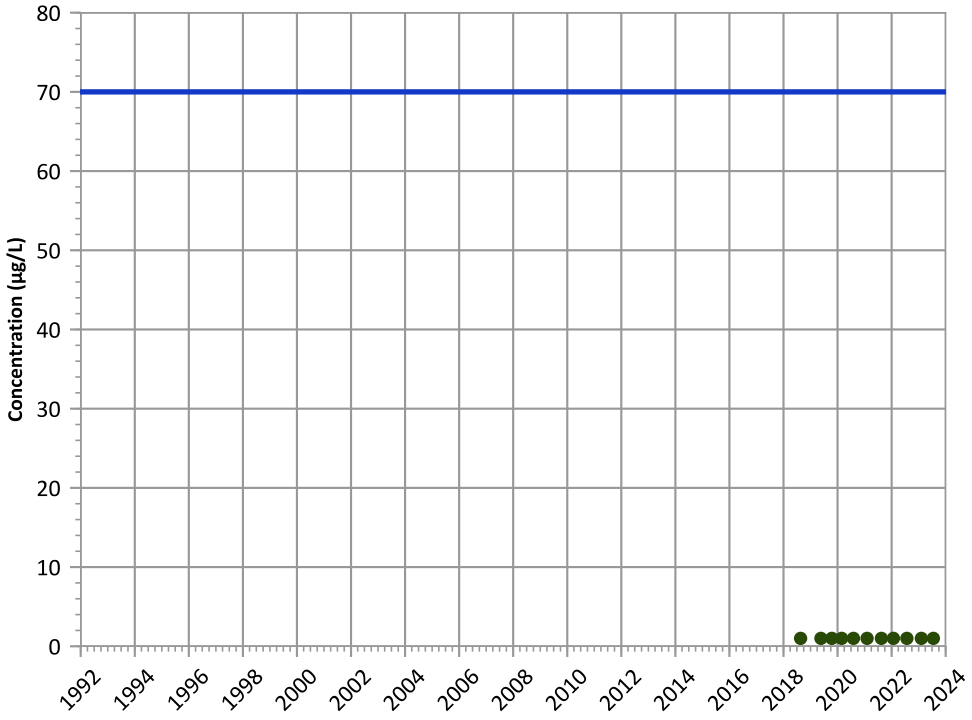
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

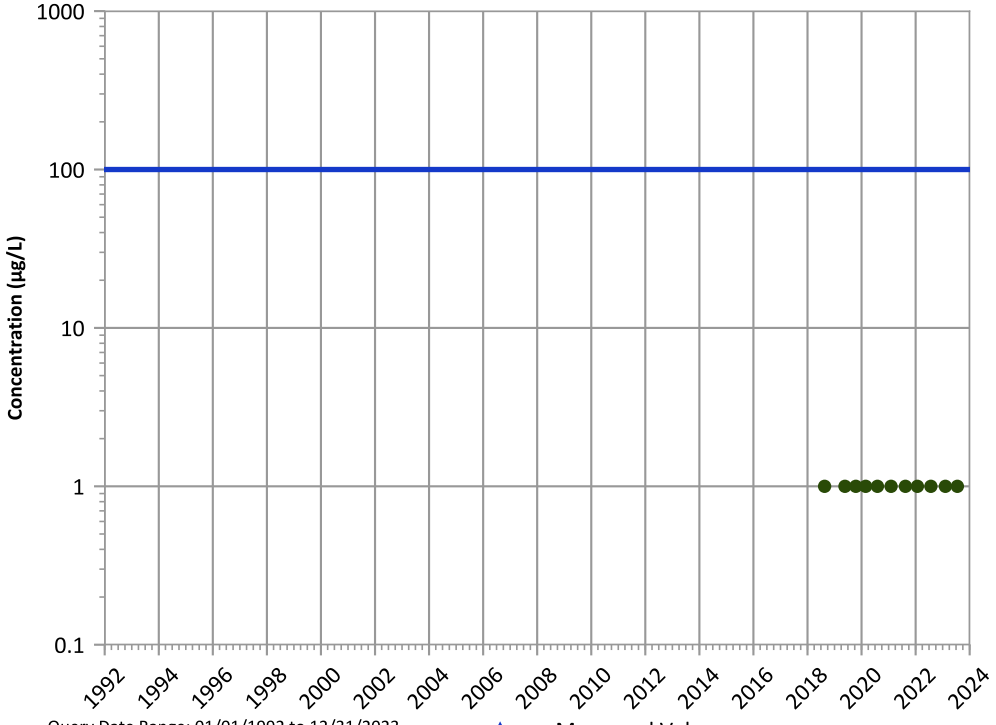
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



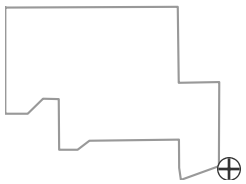
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

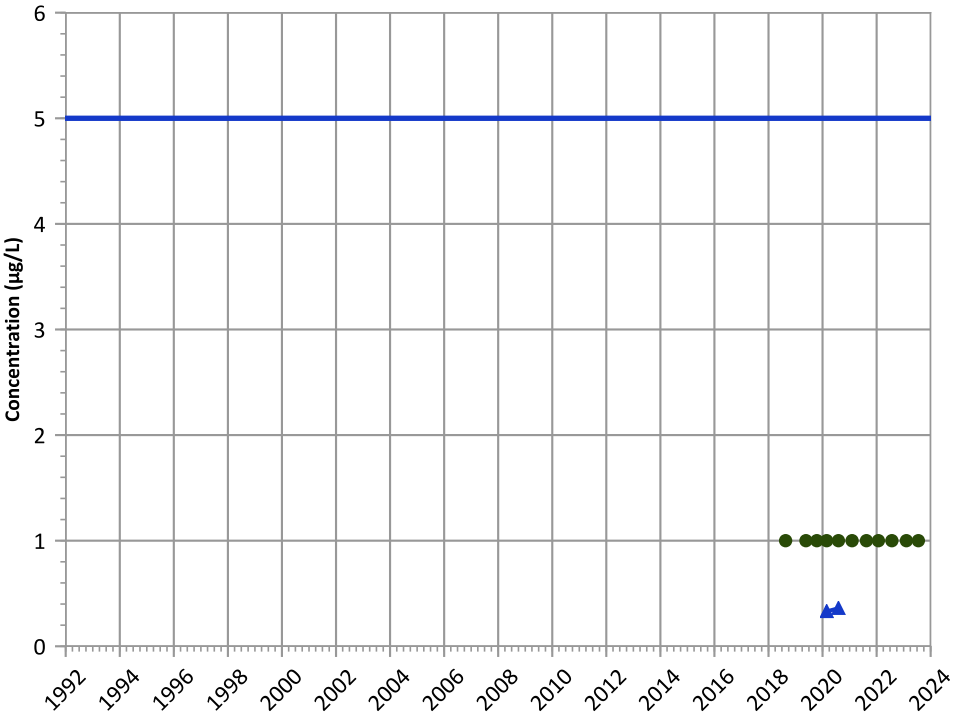
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

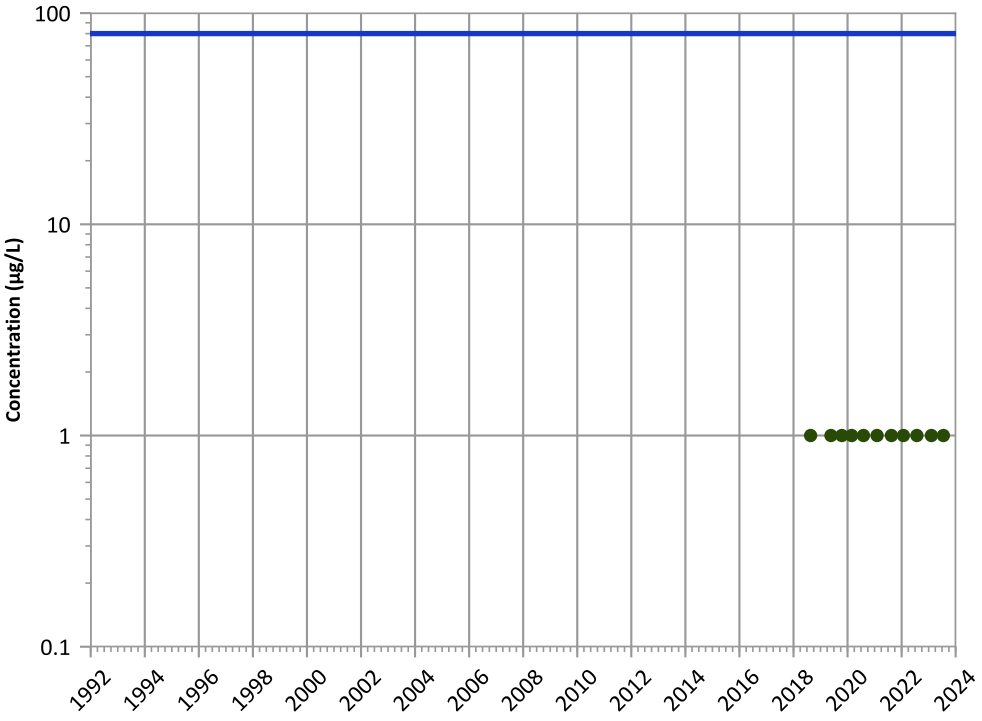


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

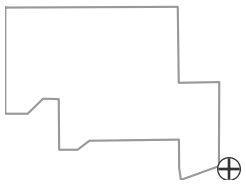
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

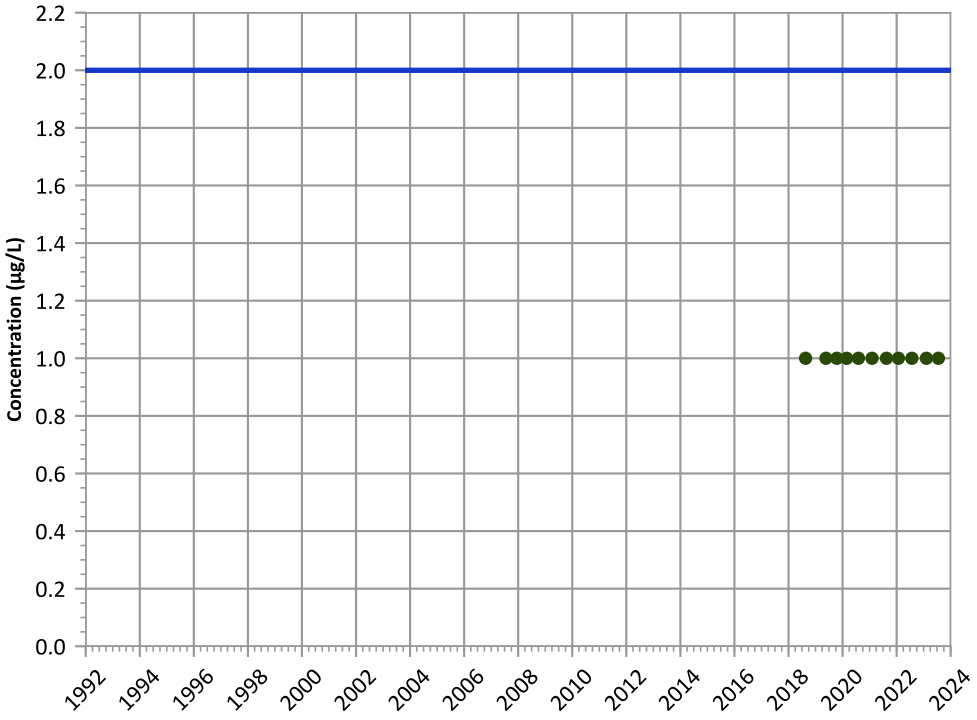
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

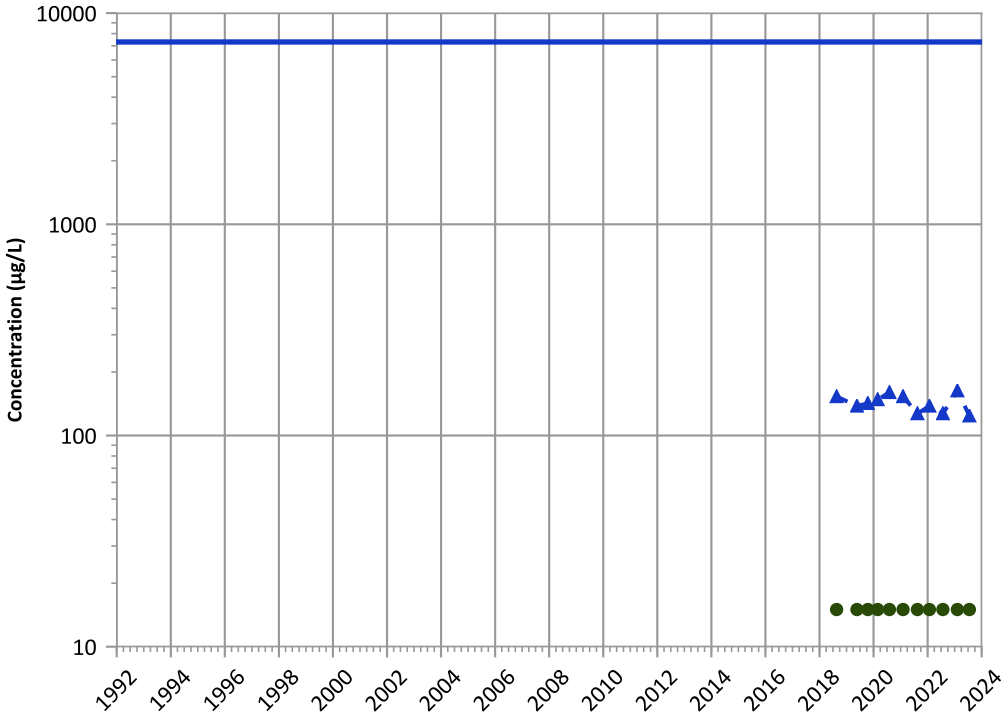


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

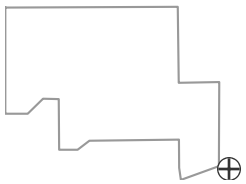
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

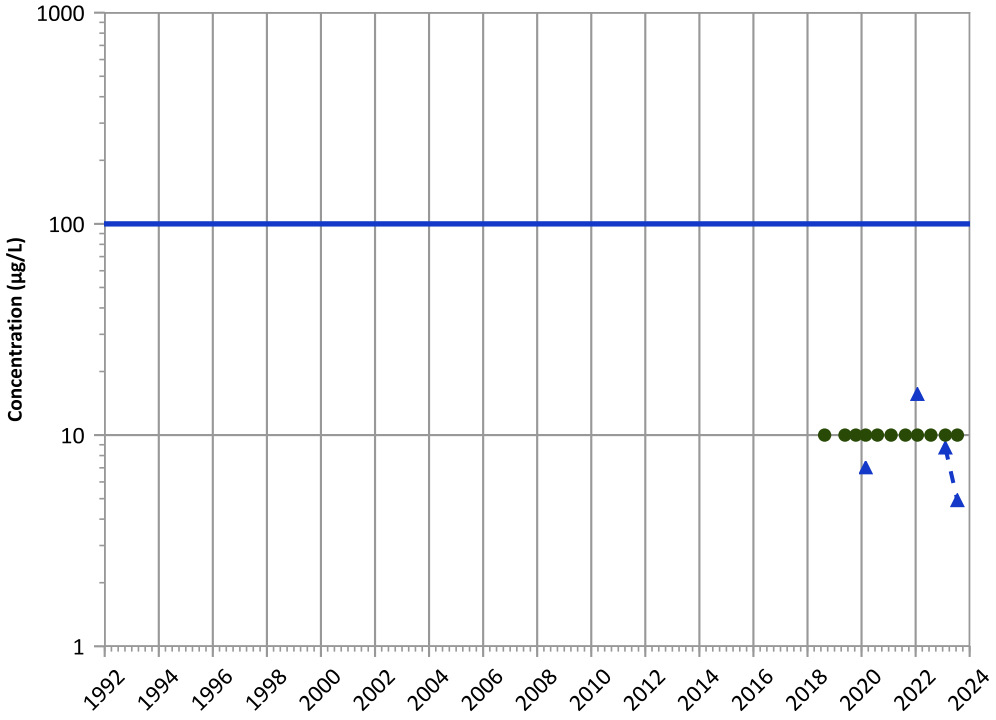
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

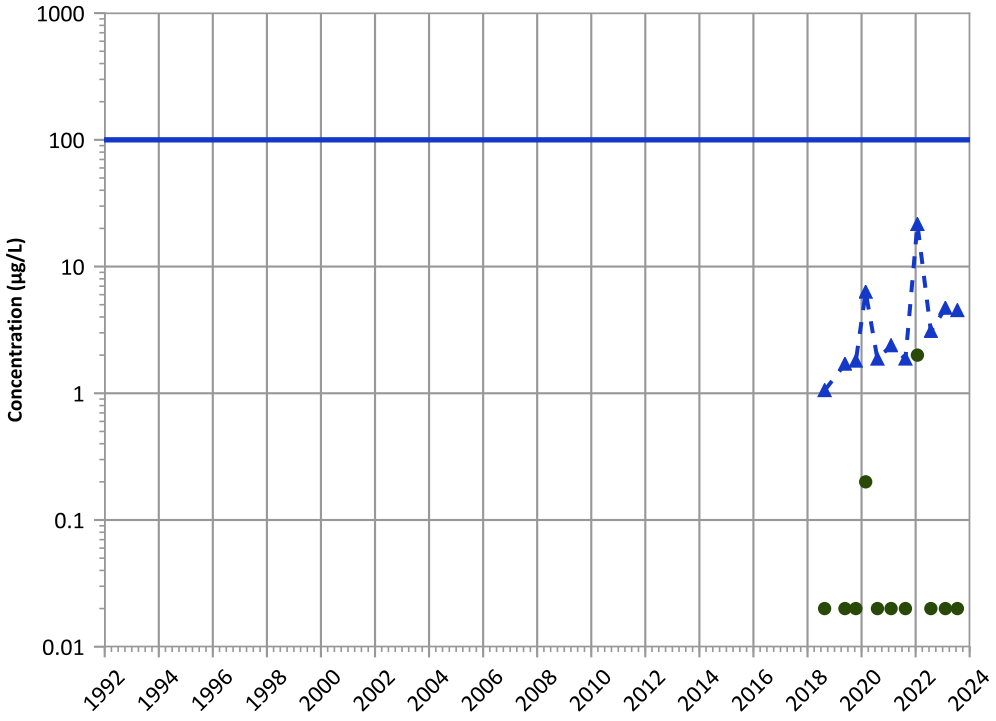


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

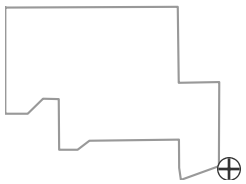
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

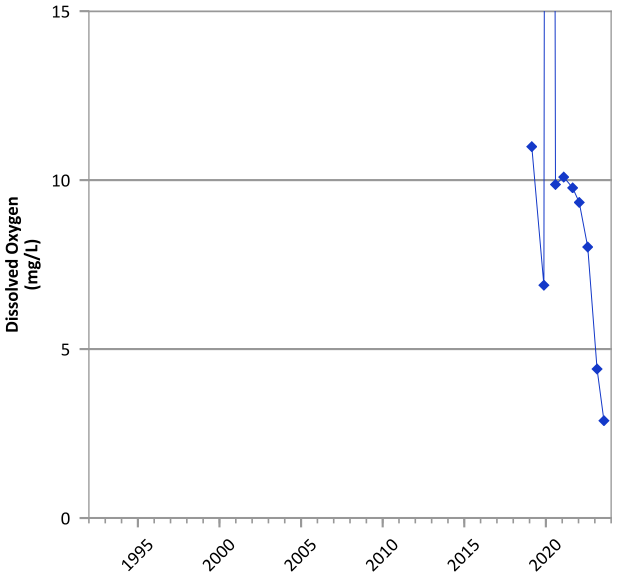
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 07/19/2023
Analysis Date: 04/01/2024

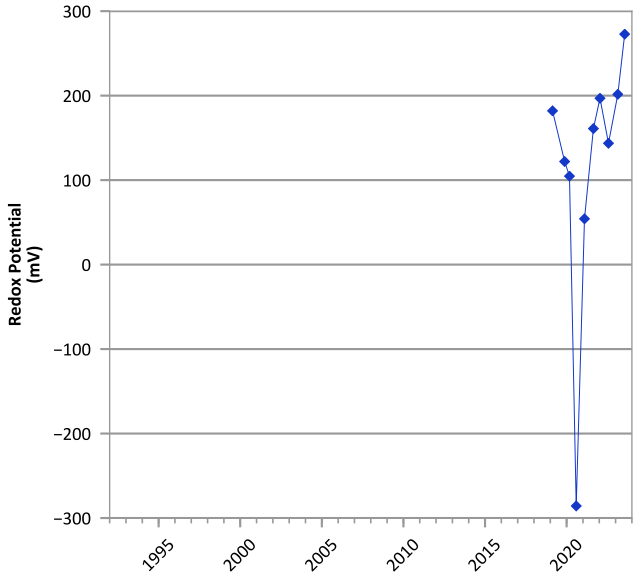
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

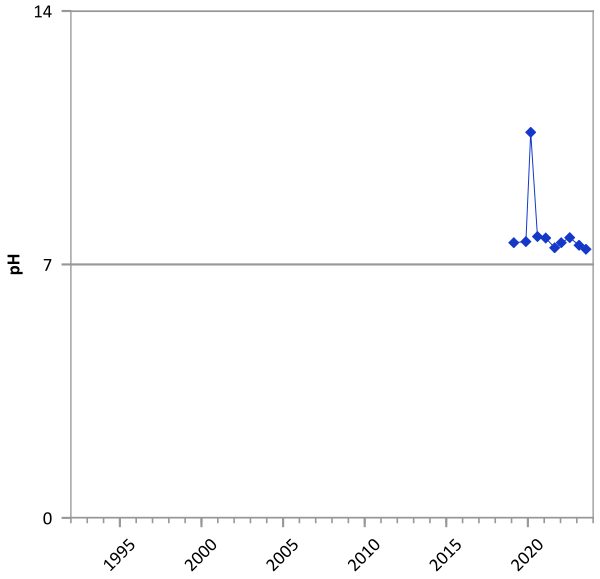
Well Location

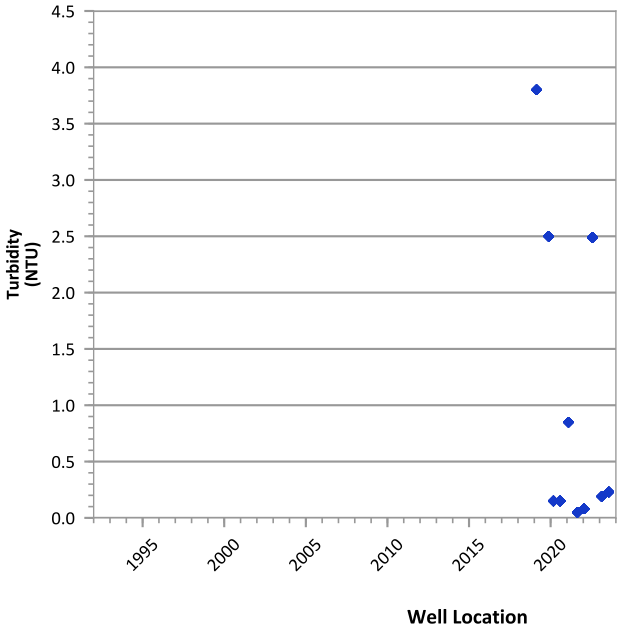


PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

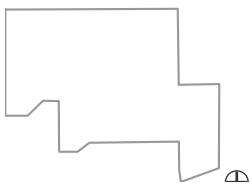






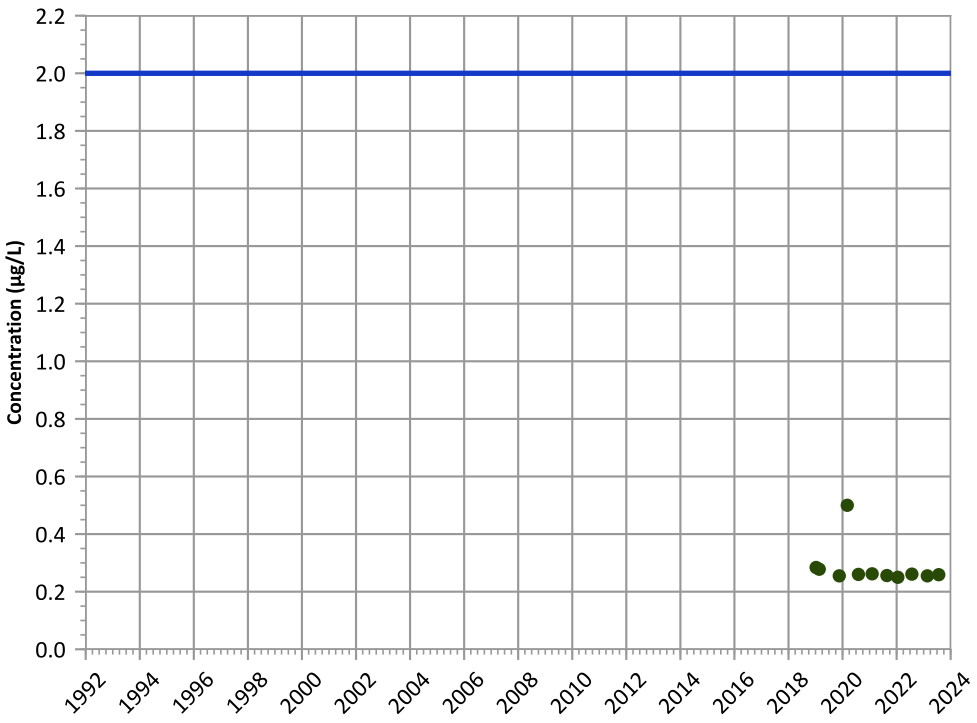


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

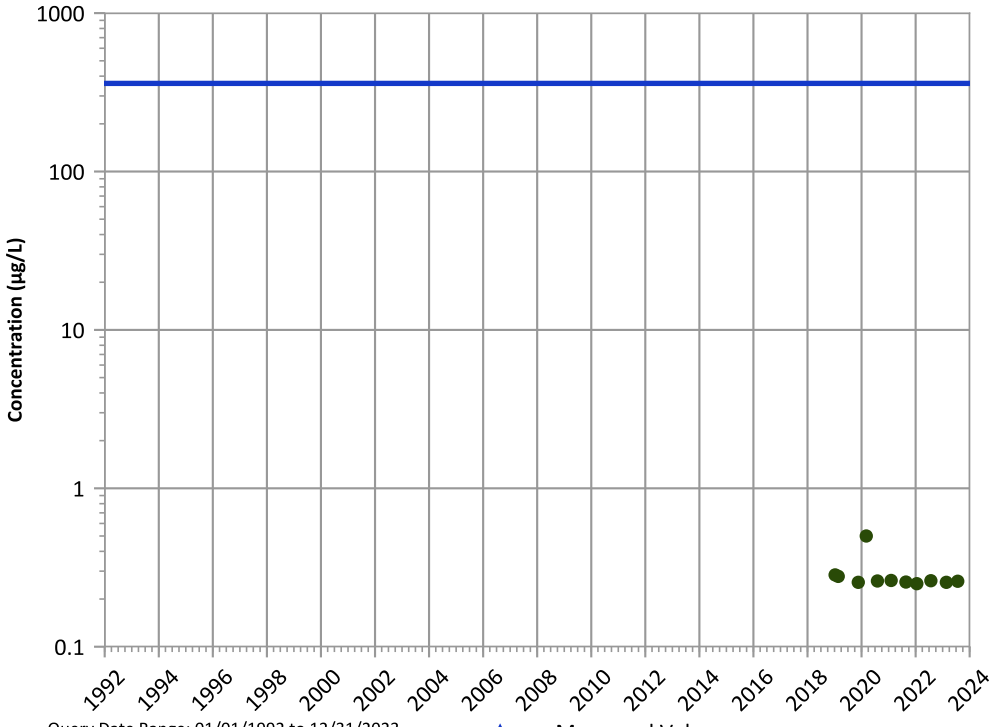


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



Concentration Trend

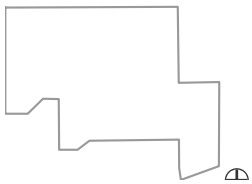
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

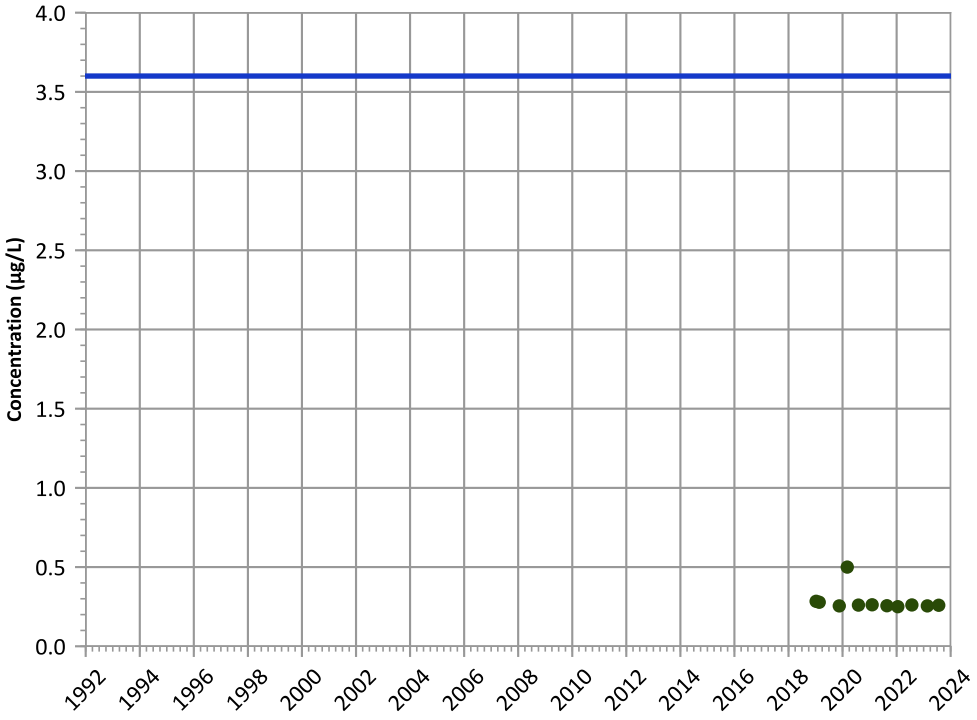
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

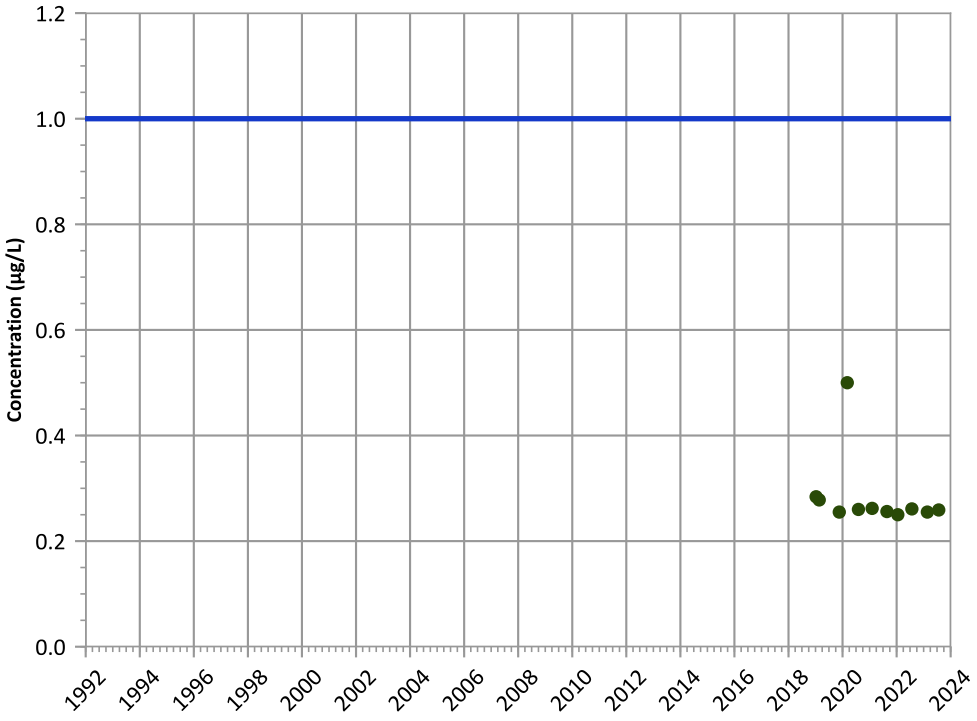


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

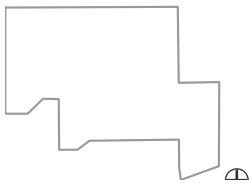
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

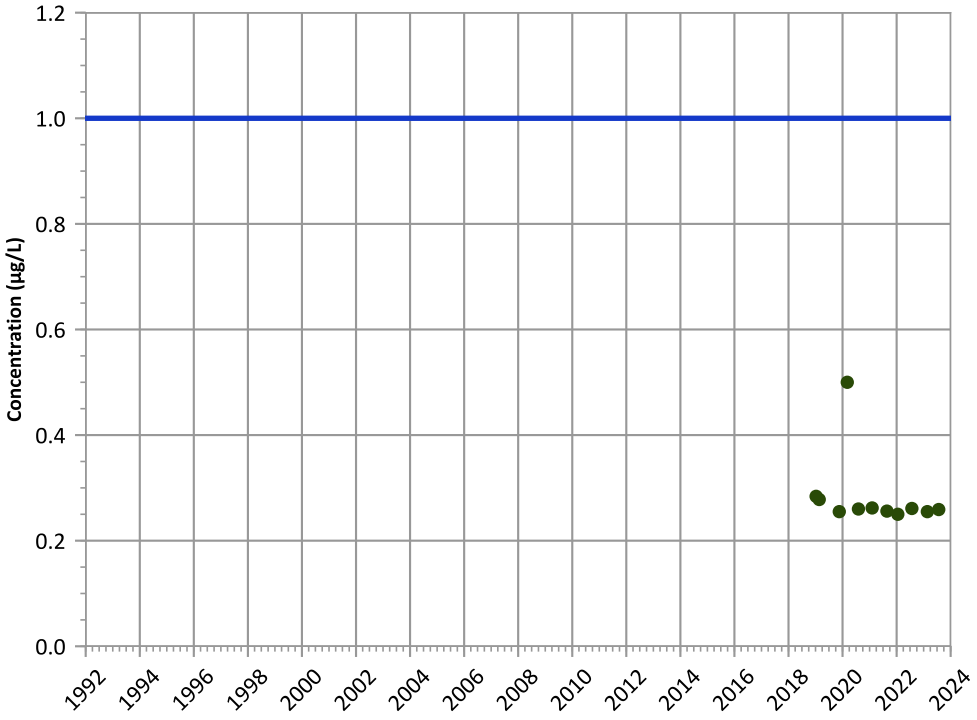
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

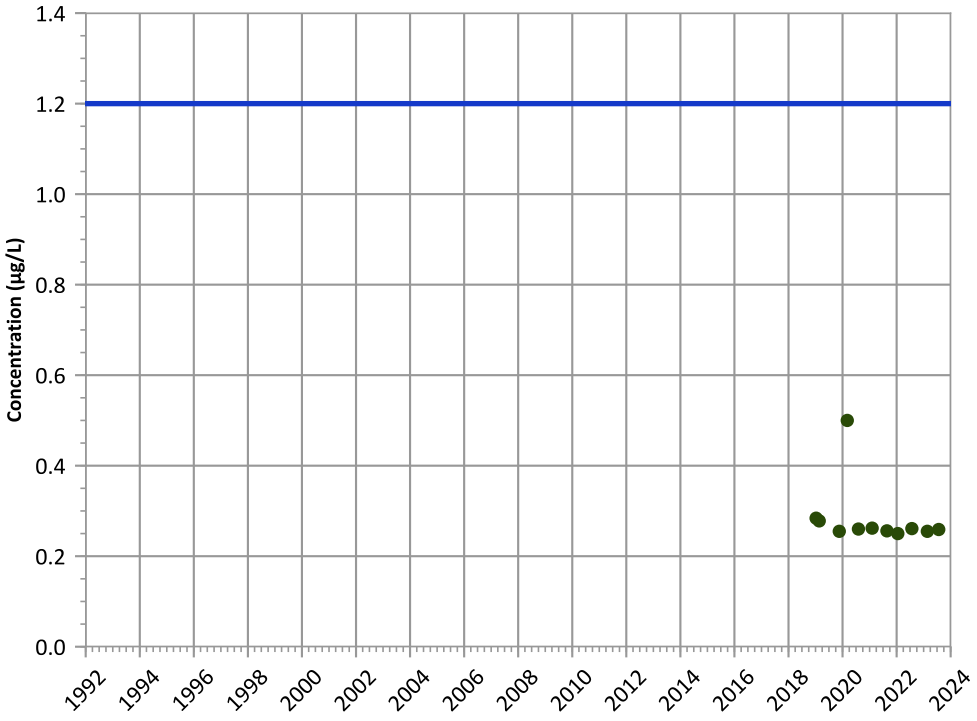


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

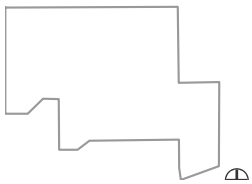
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

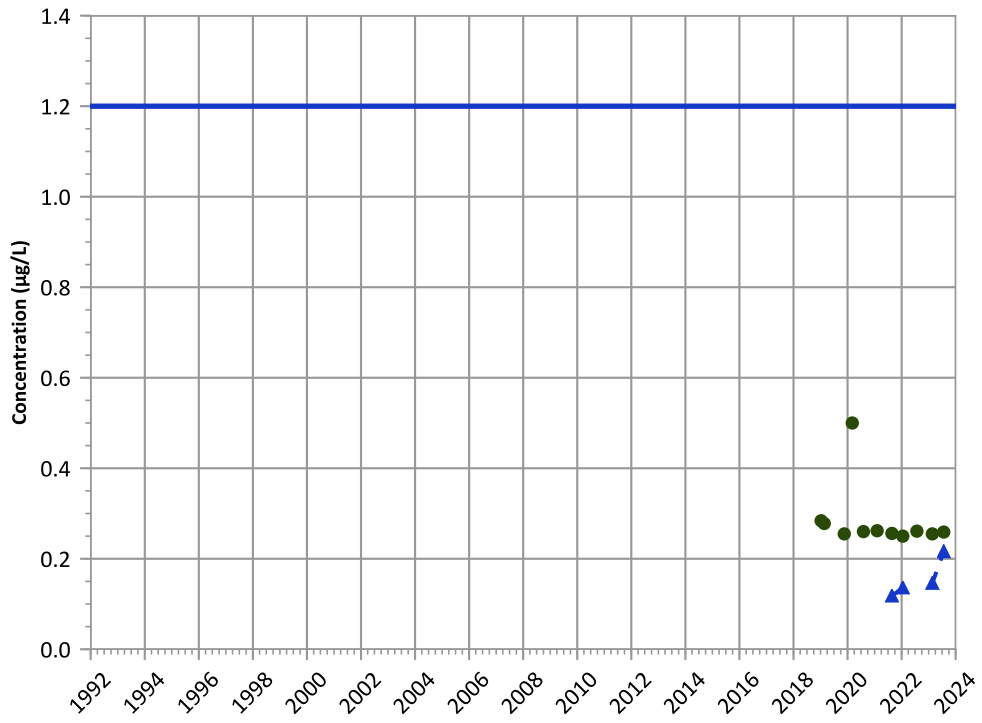
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

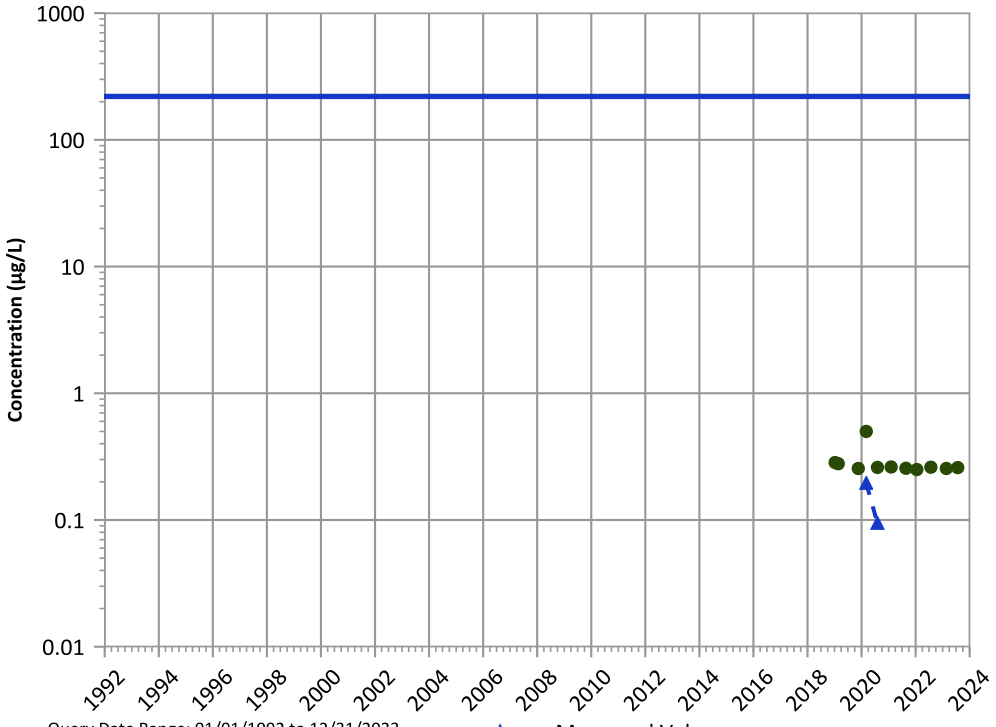


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

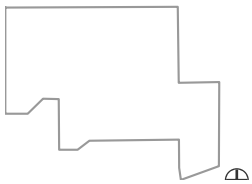
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

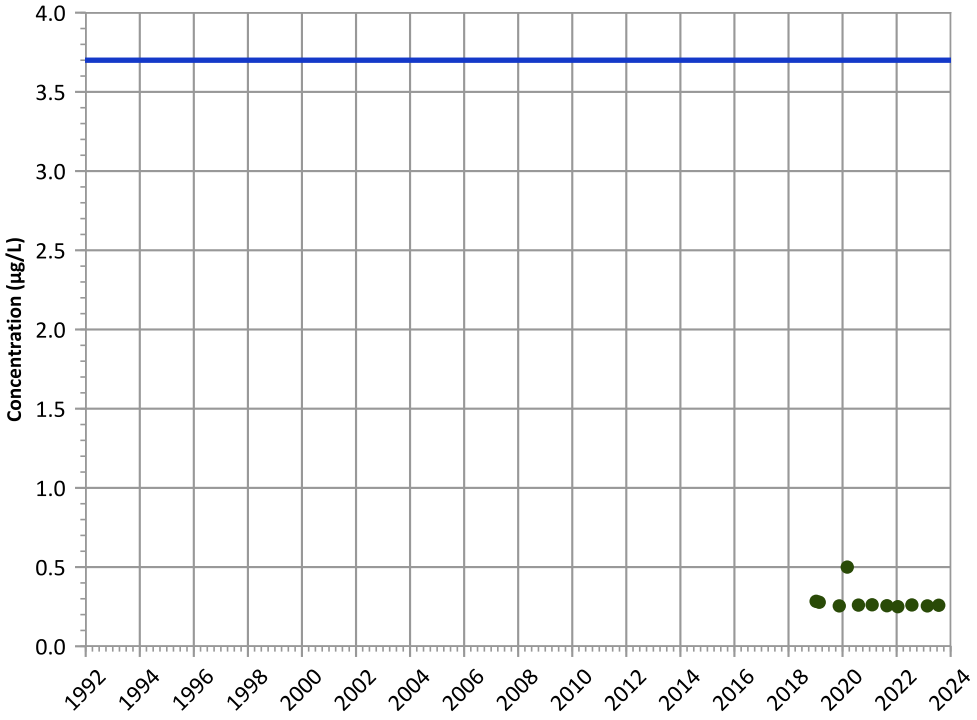
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

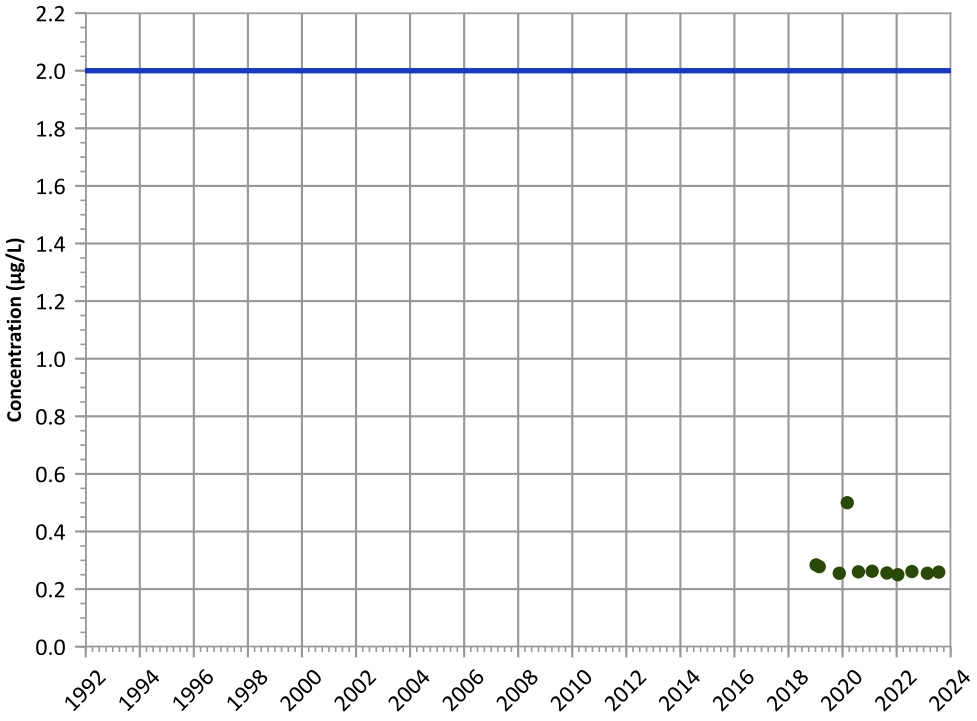


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

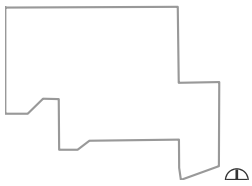
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

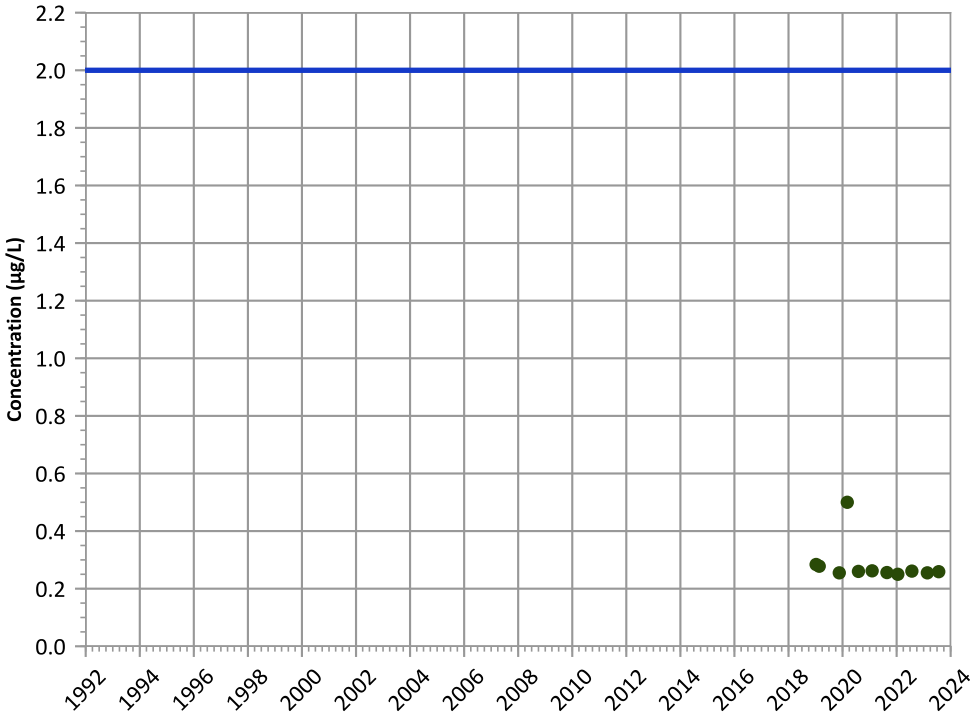
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

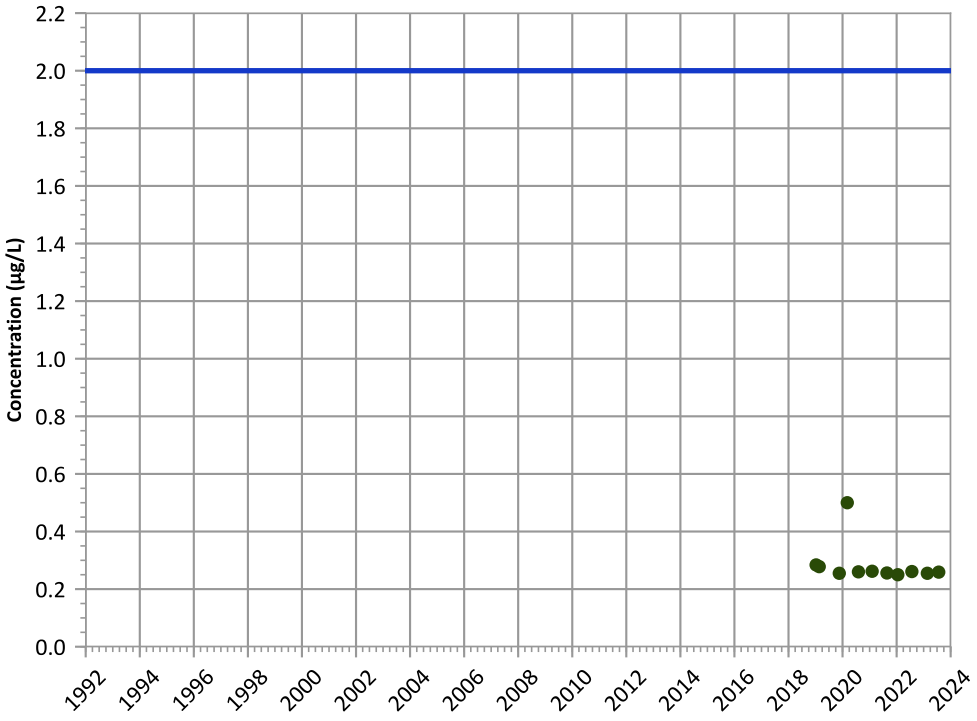


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

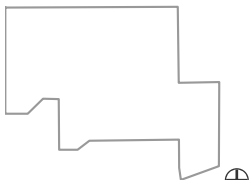
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

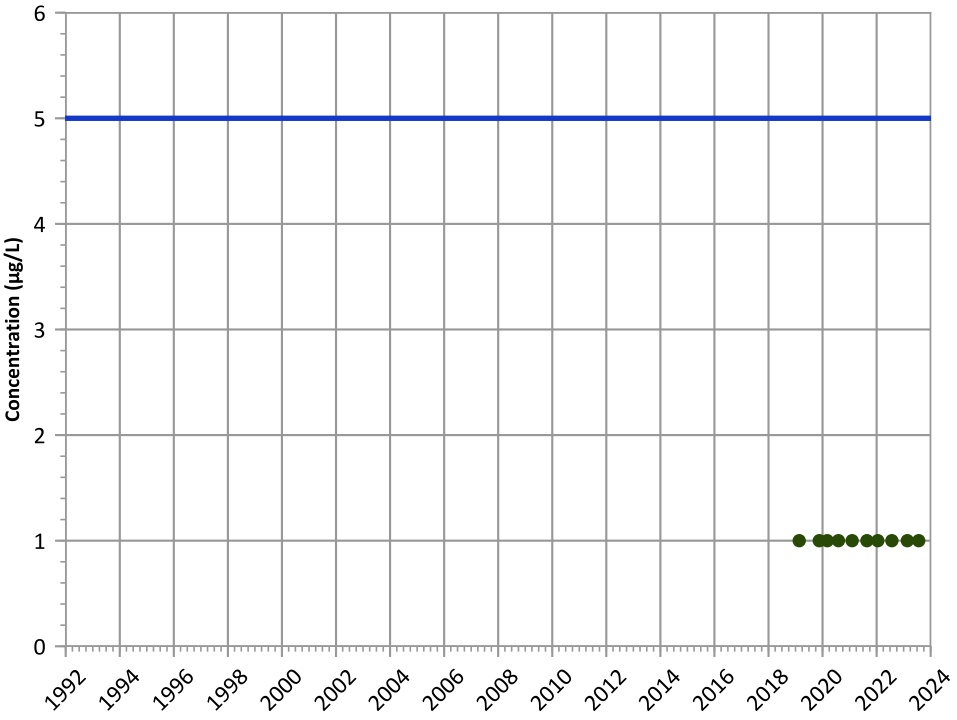
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

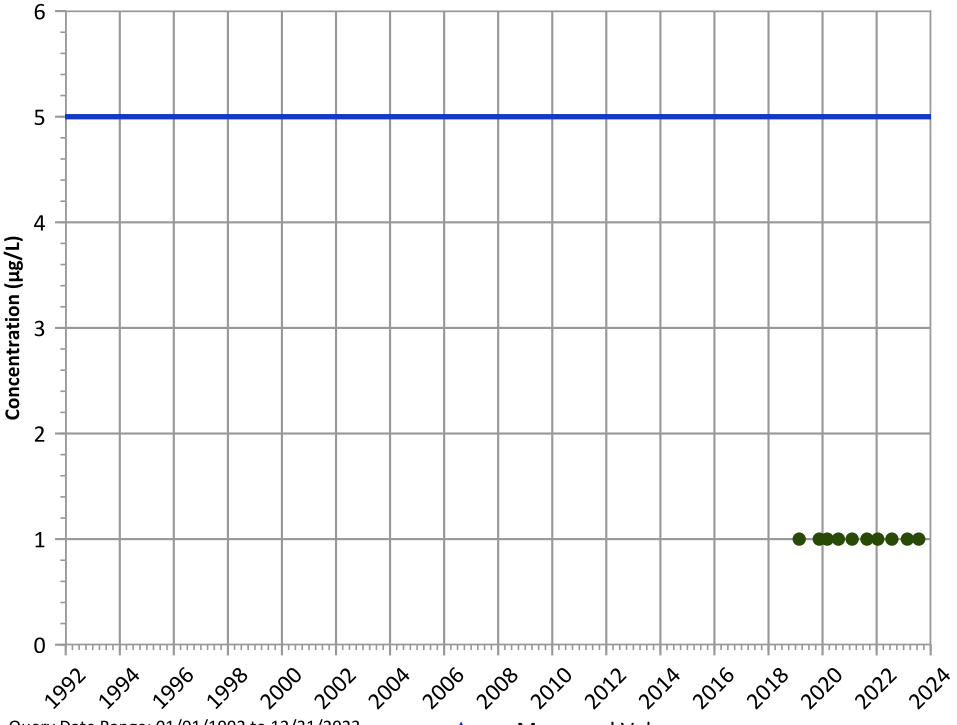


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

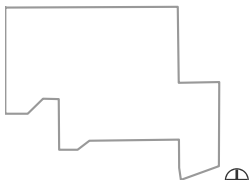
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

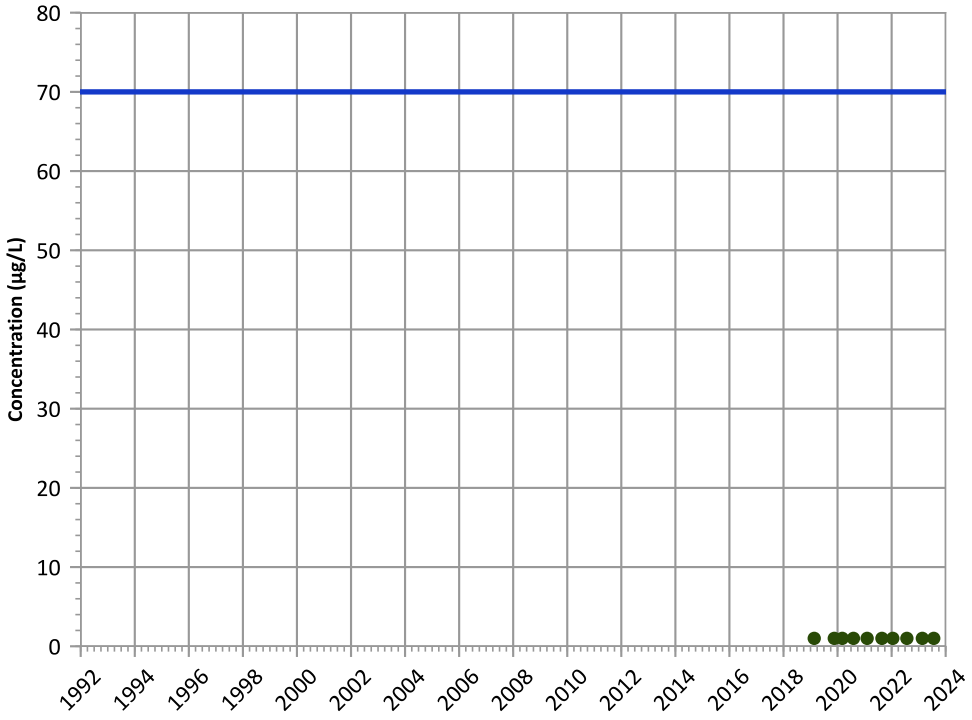
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

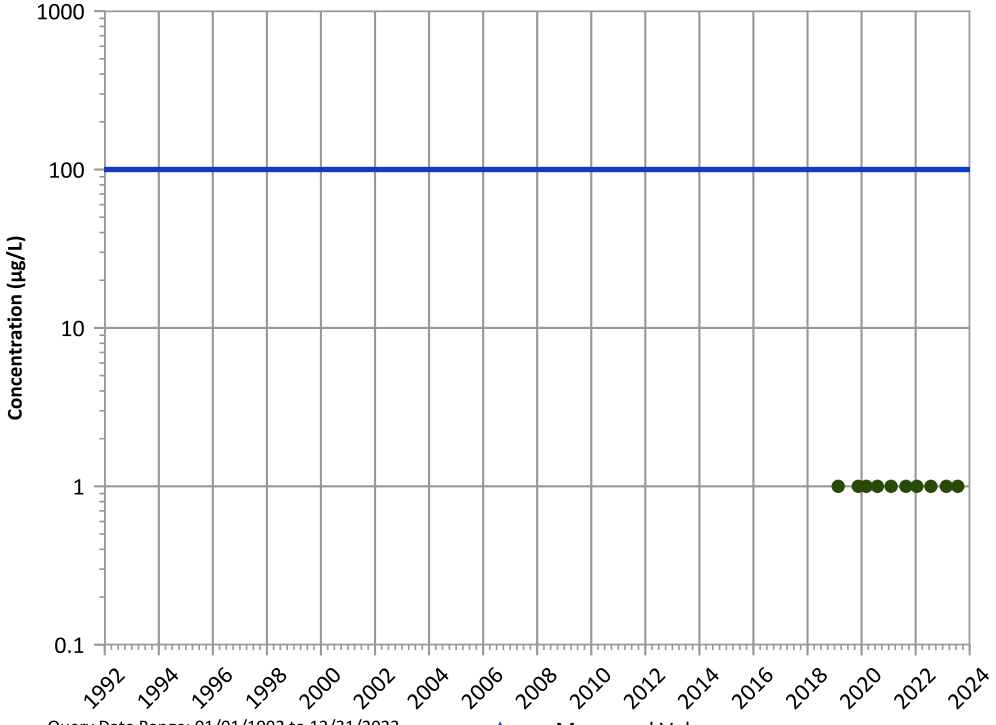
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



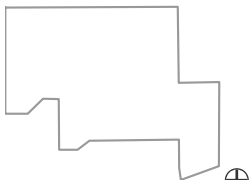
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

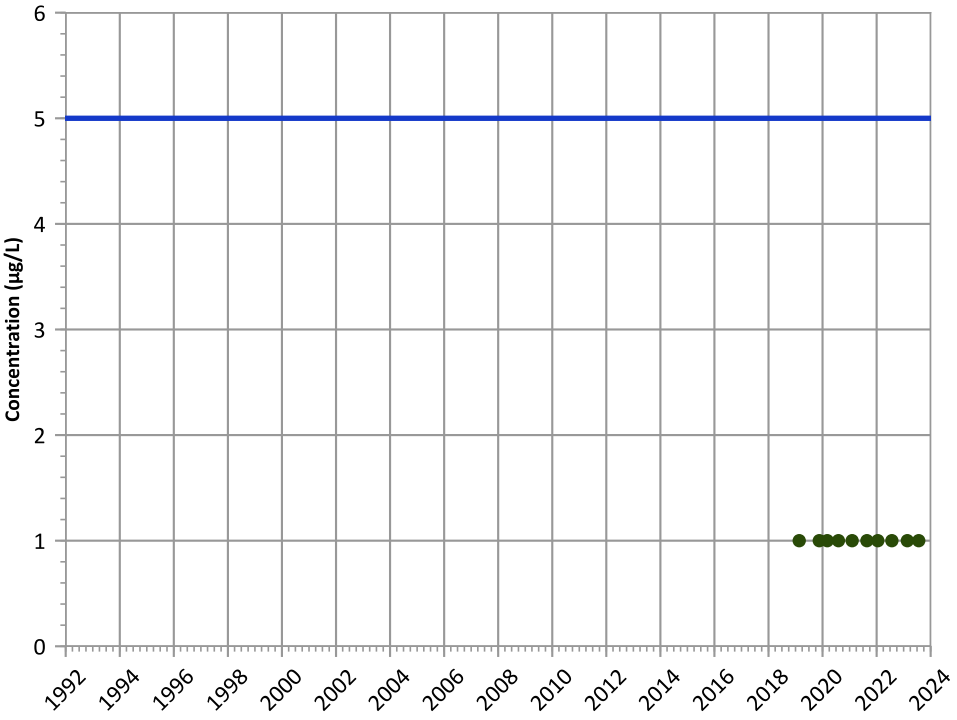
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

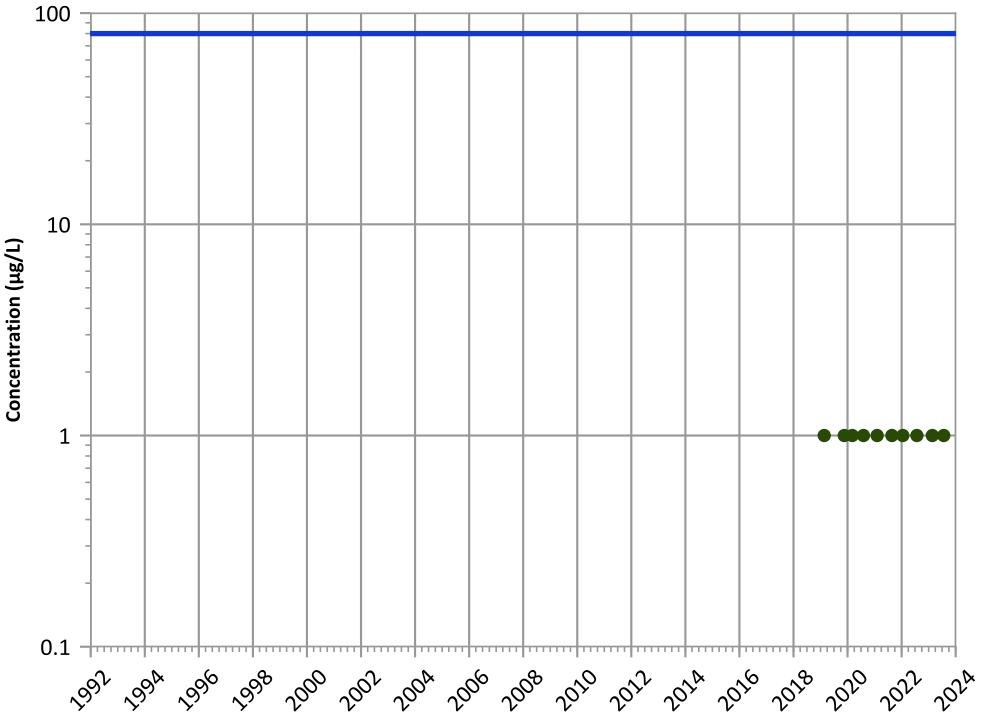


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

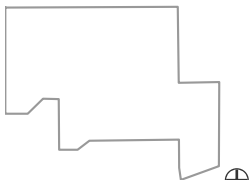
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

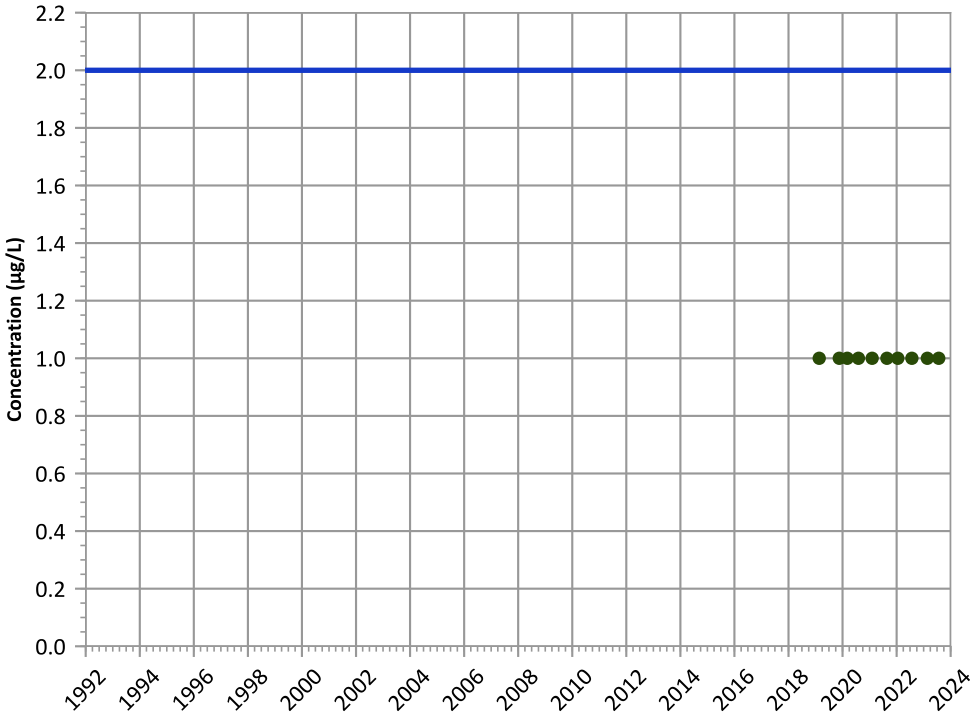
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

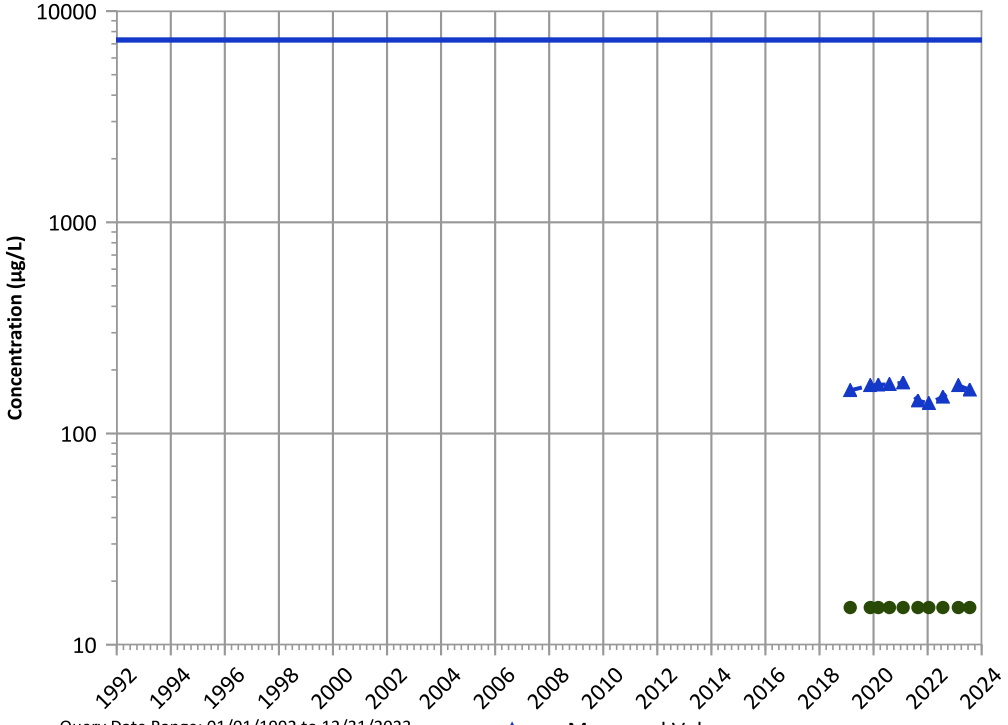


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

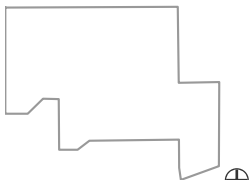
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

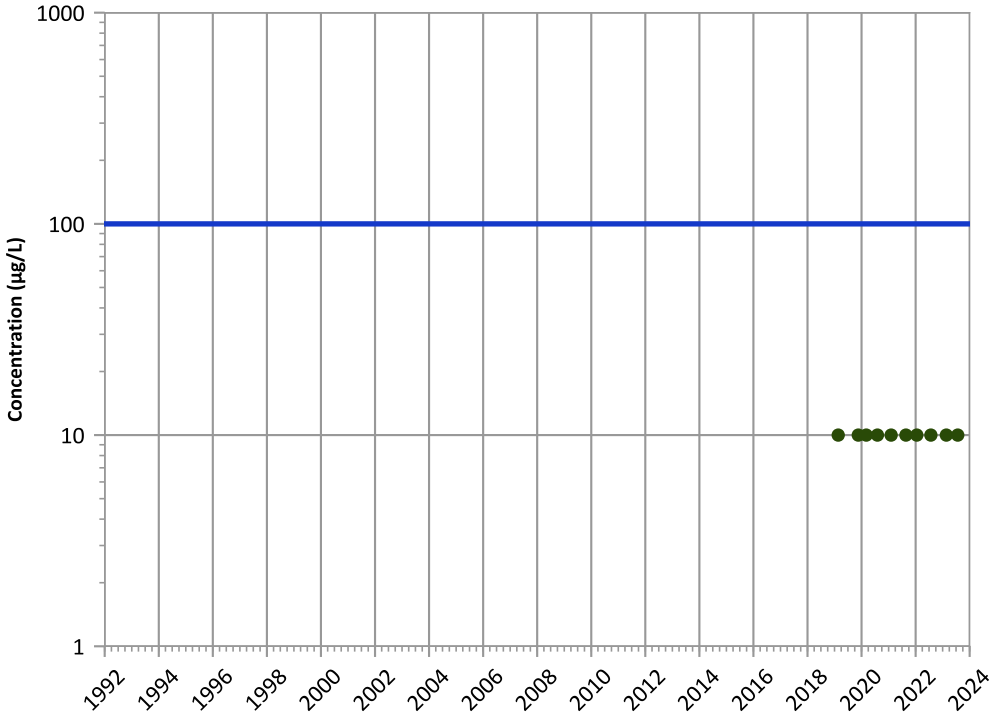
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

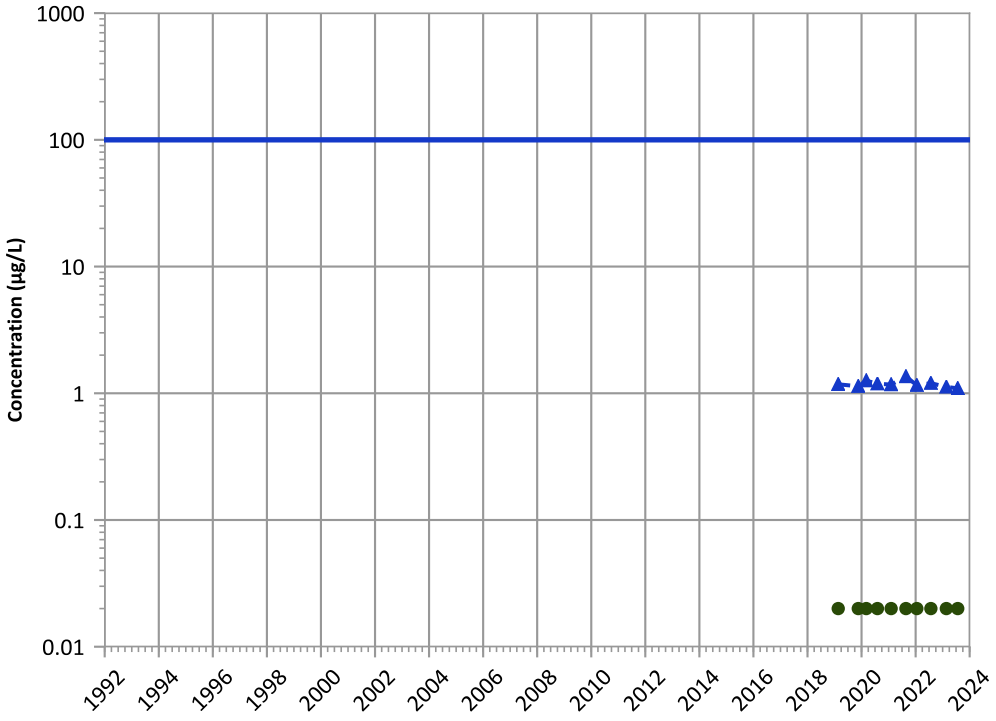


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chromium, Hexavalent Trend



Concentration Trend

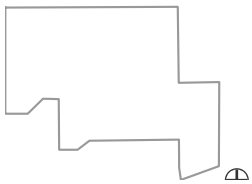
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

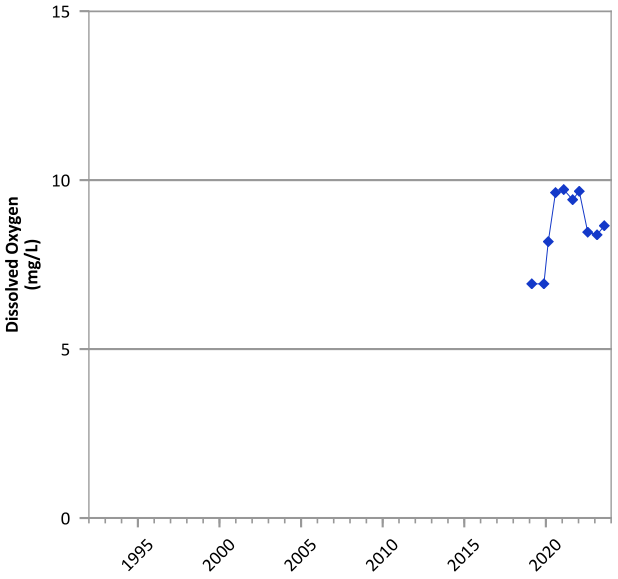
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/09/2019 to 07/24/2023
Analysis Date: 04/01/2024

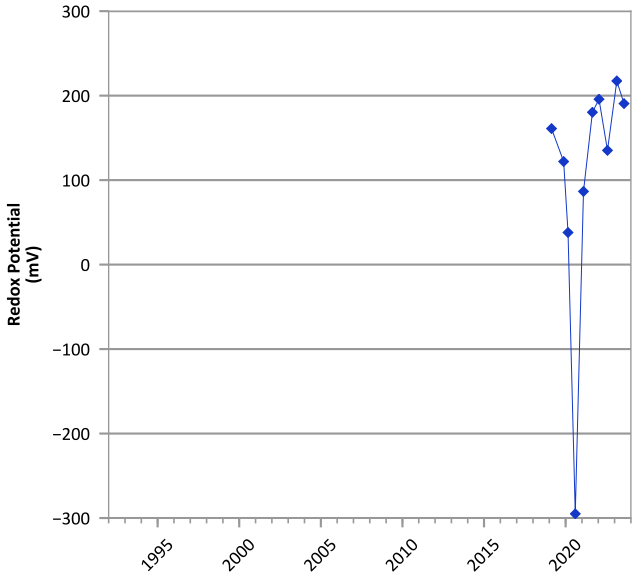
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

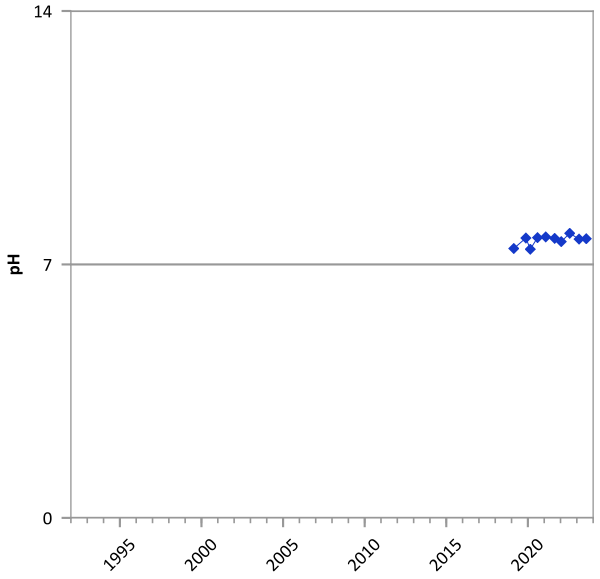
Well Location

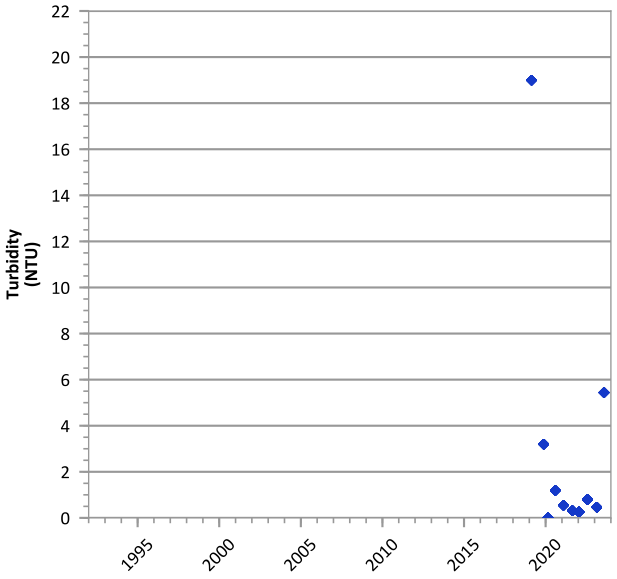


PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

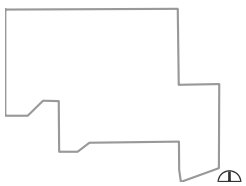






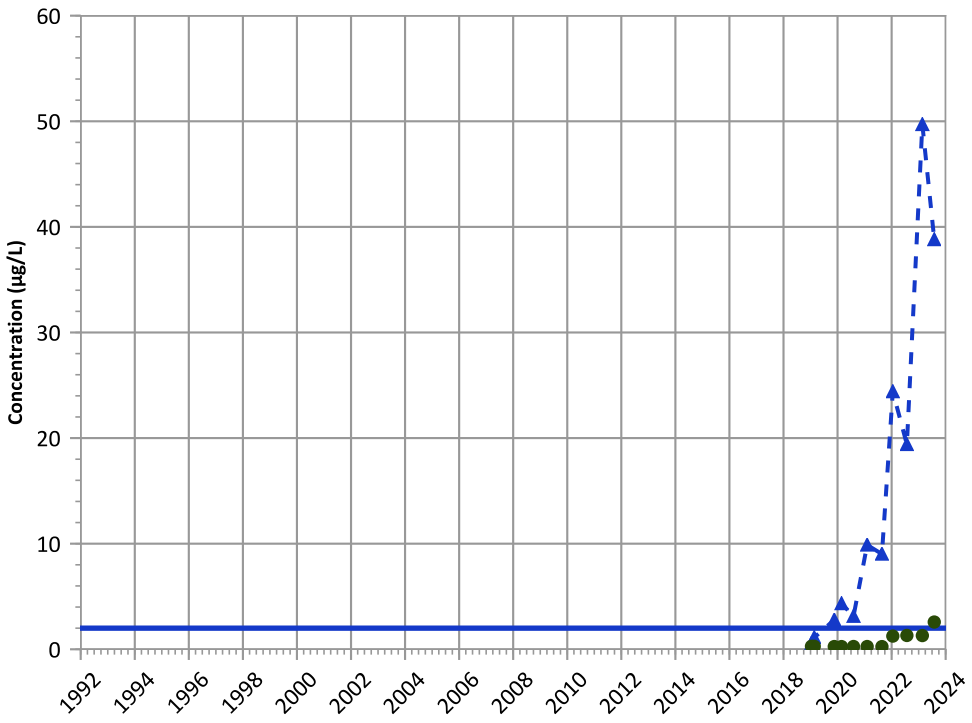


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

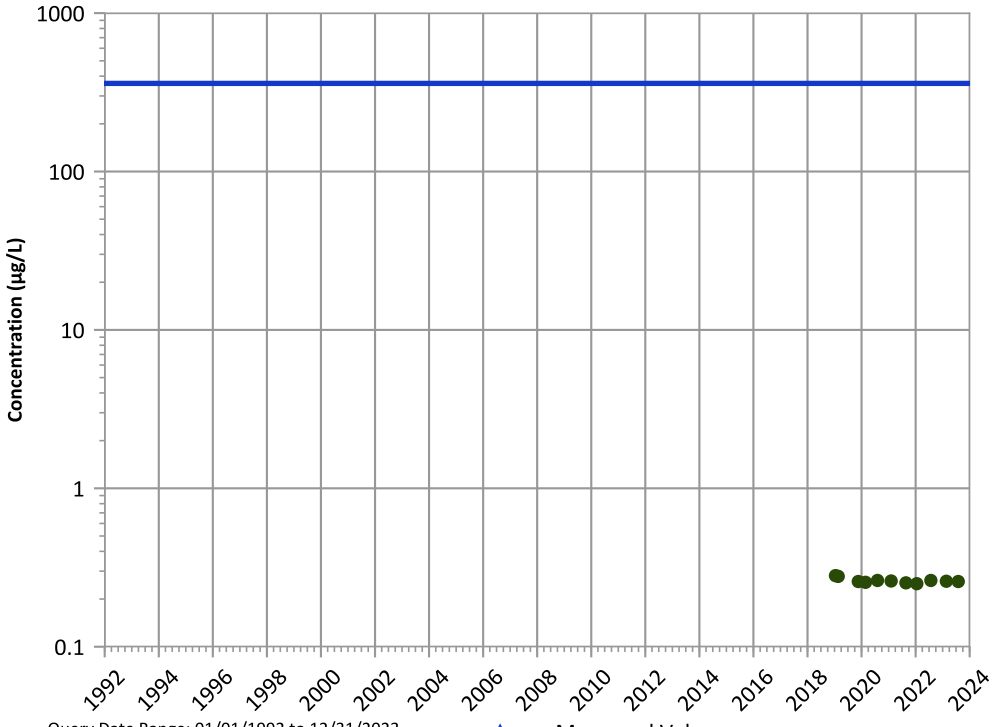


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

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



Concentration Trend

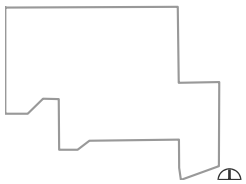
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

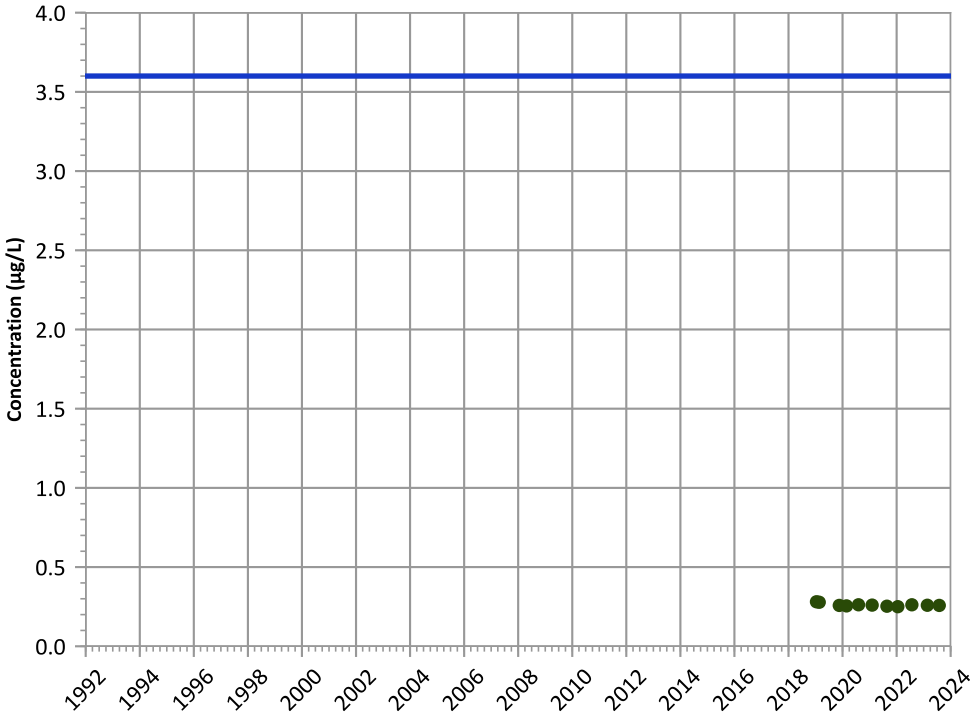
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

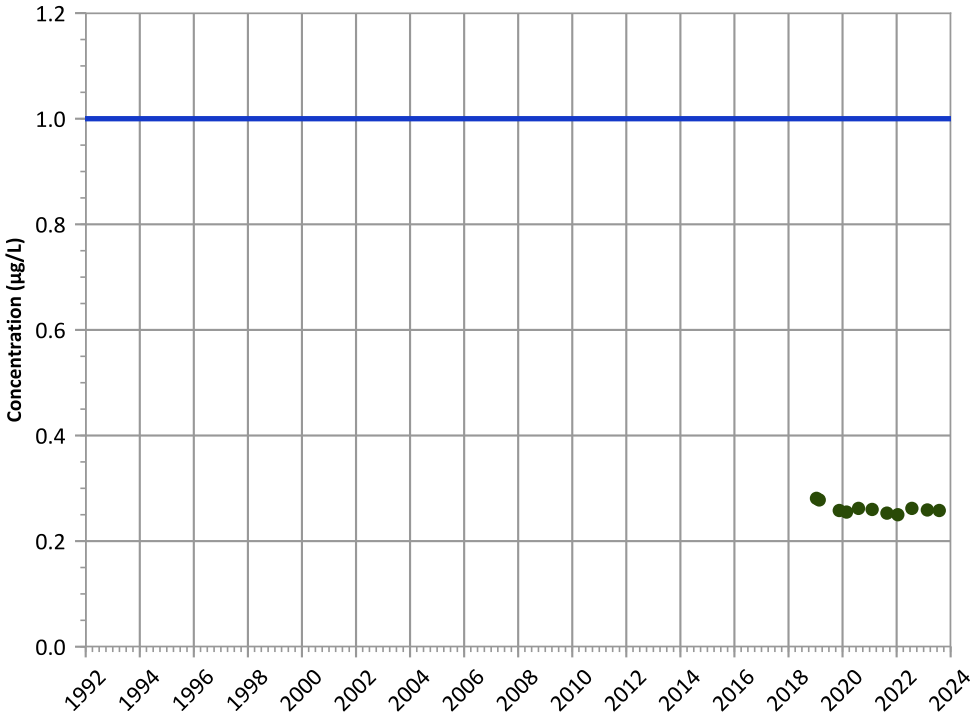


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

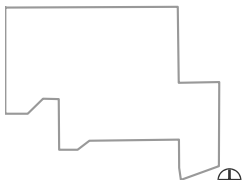
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

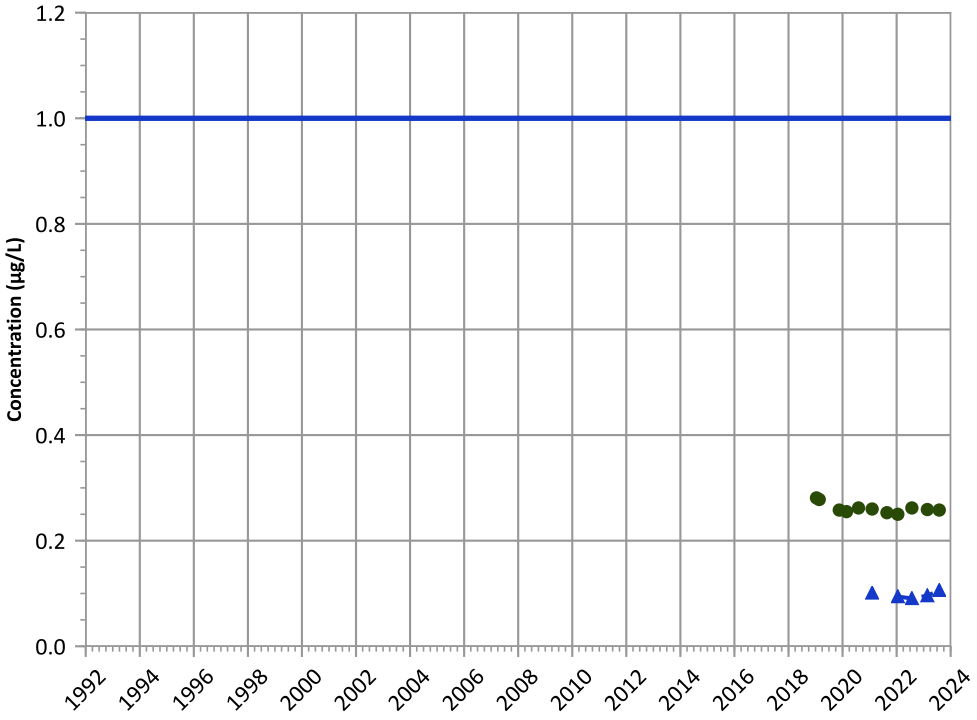
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

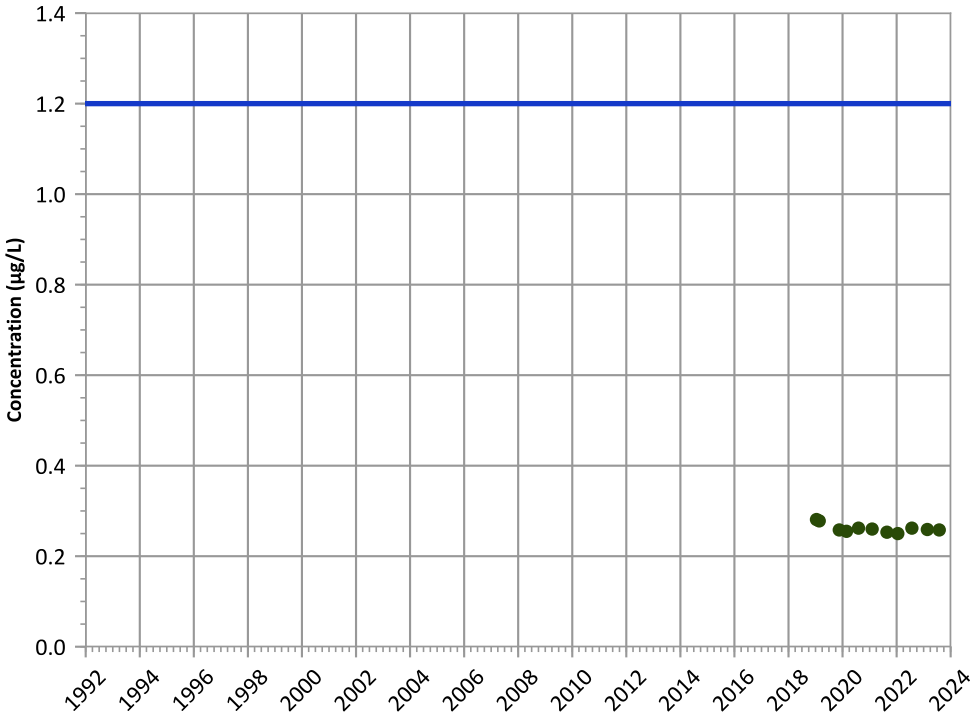


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

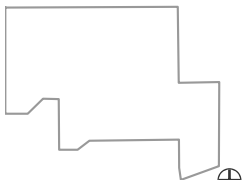
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

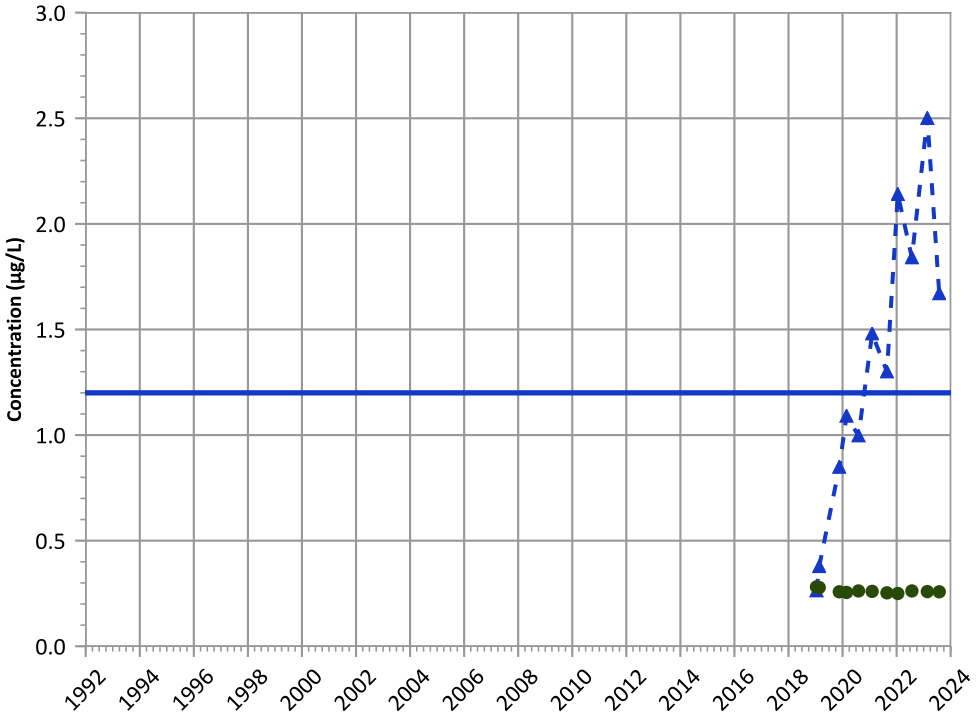
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

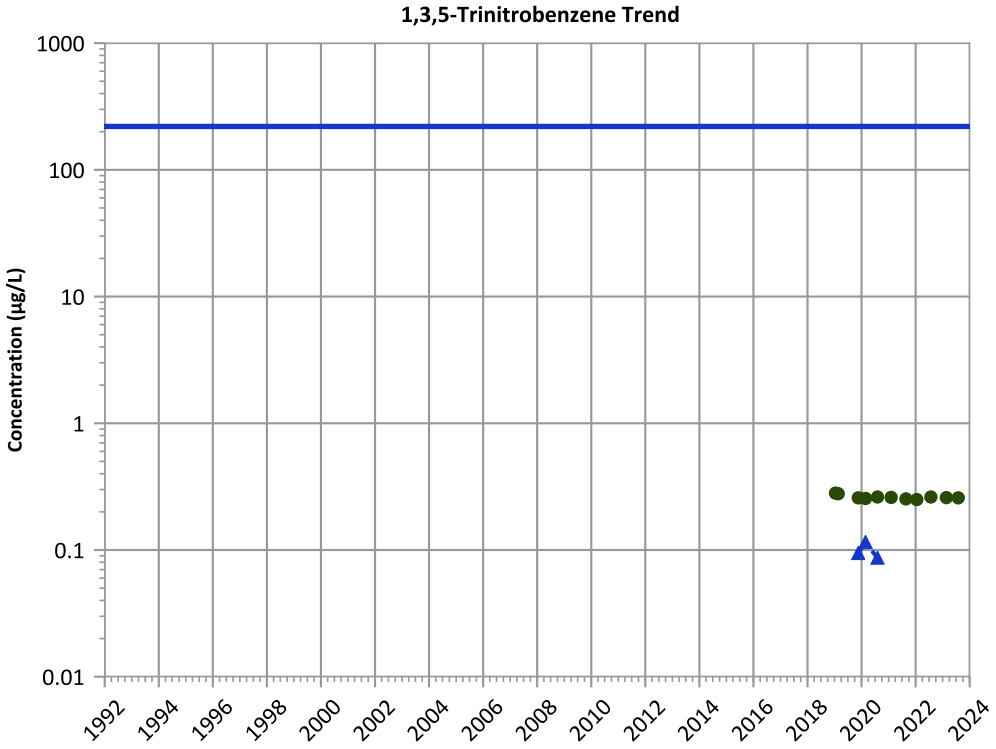


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

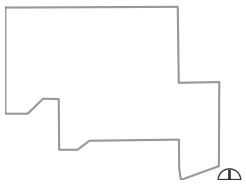
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

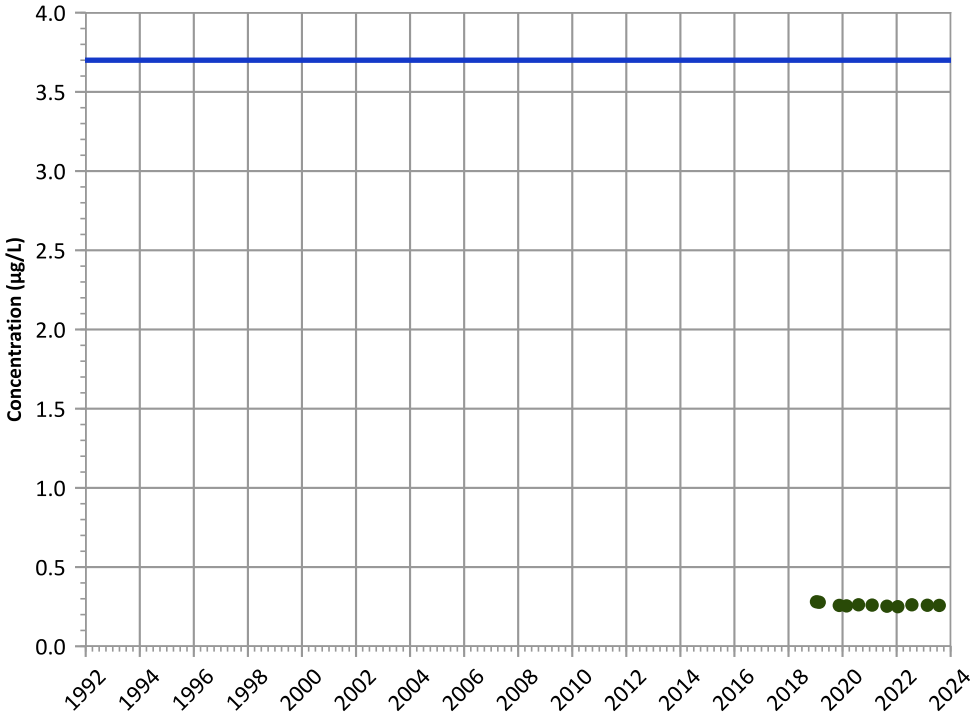
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

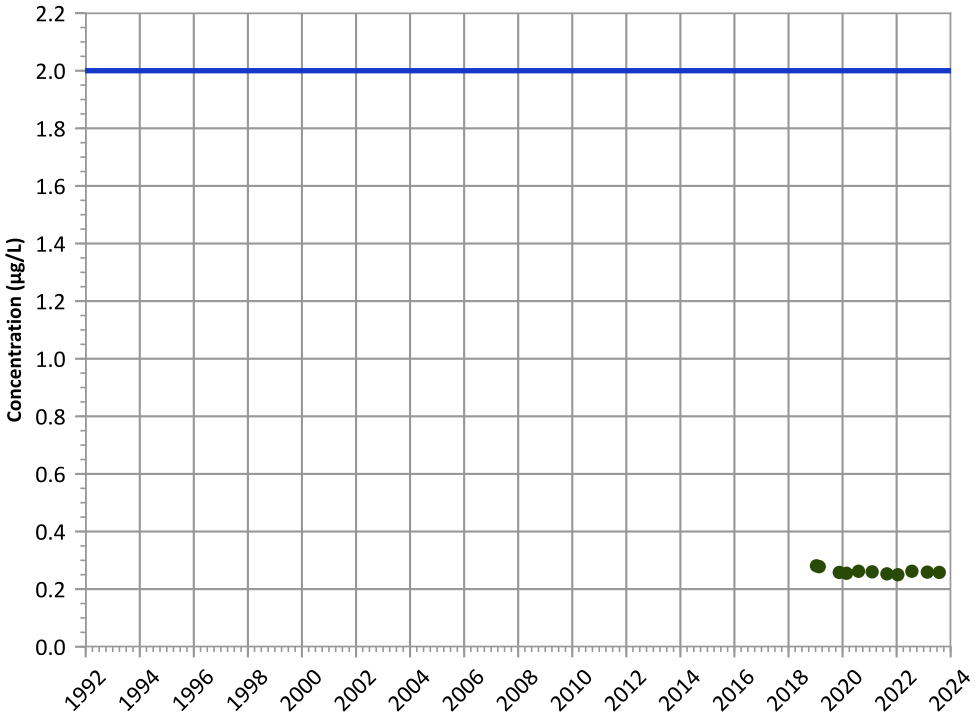


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

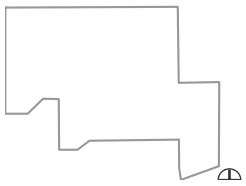
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

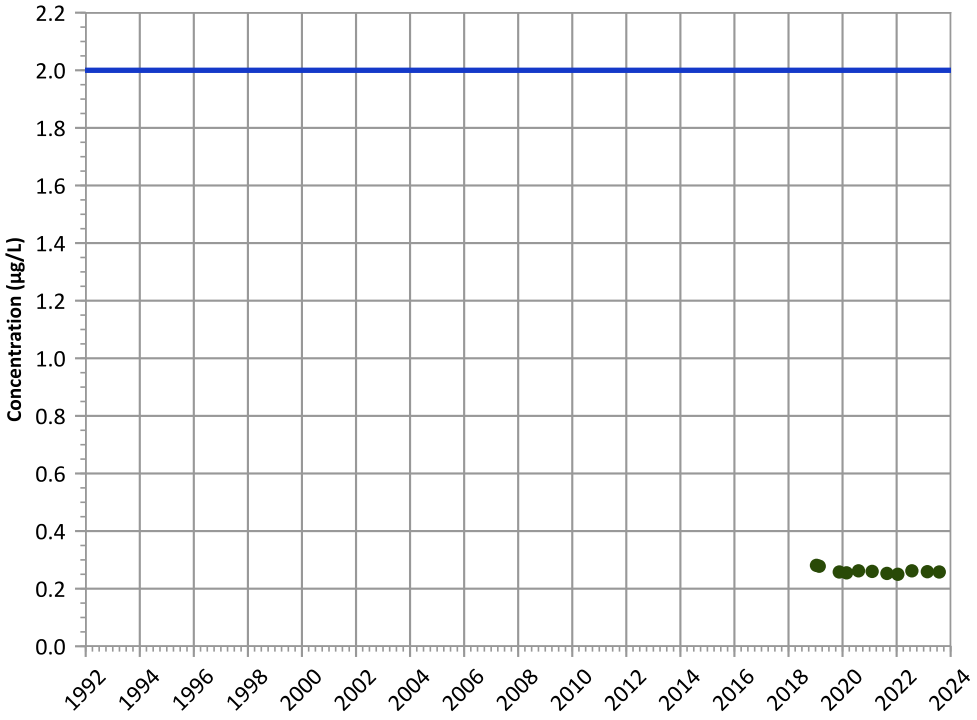
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

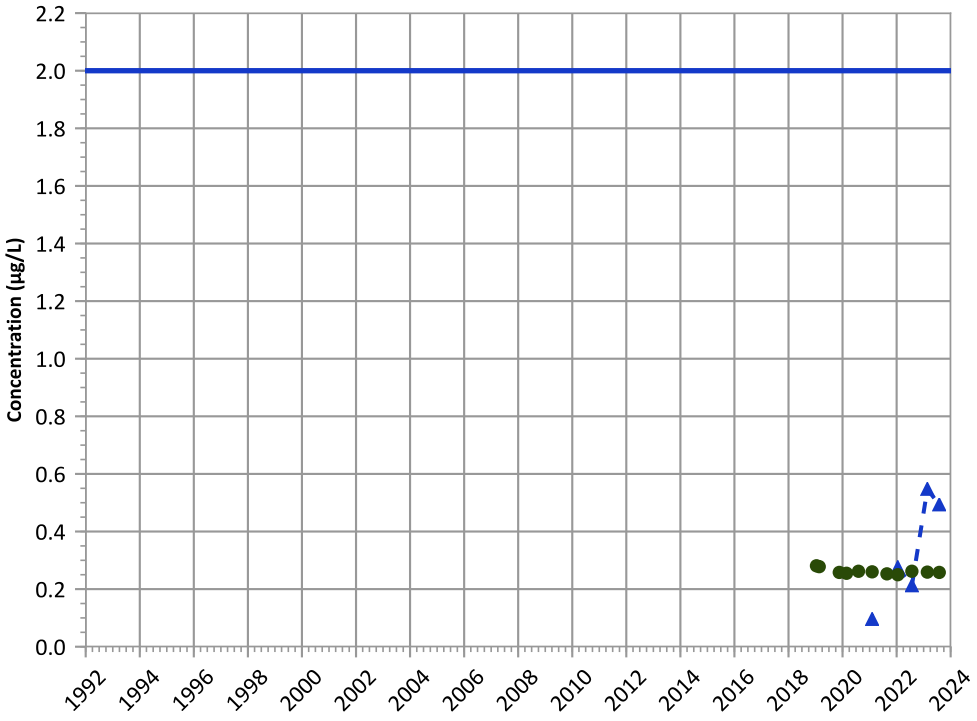


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

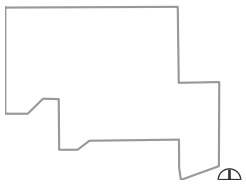
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

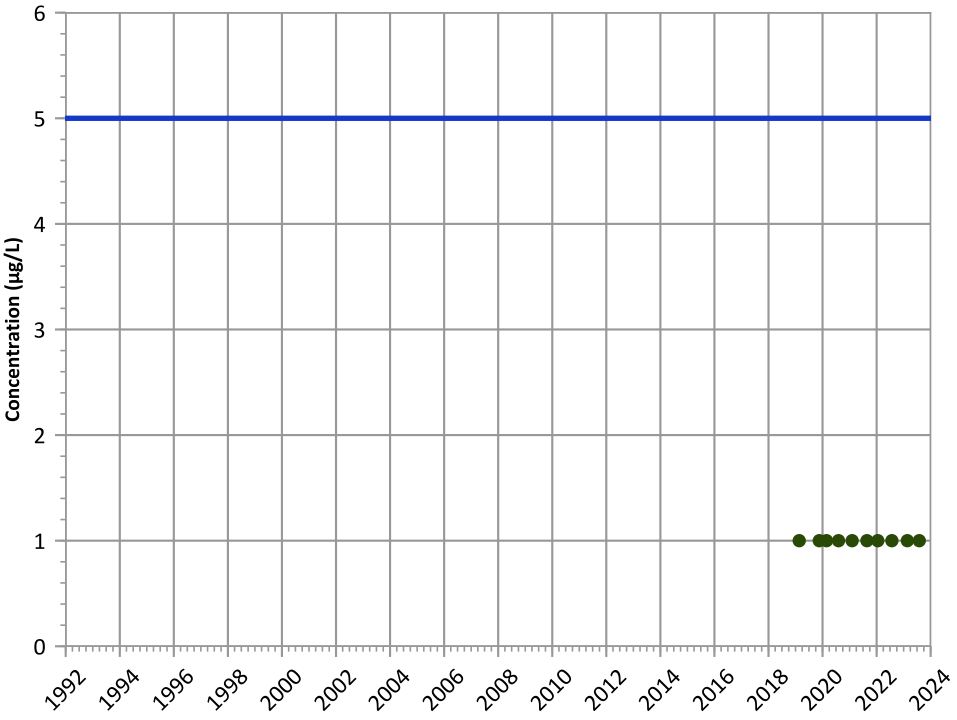
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

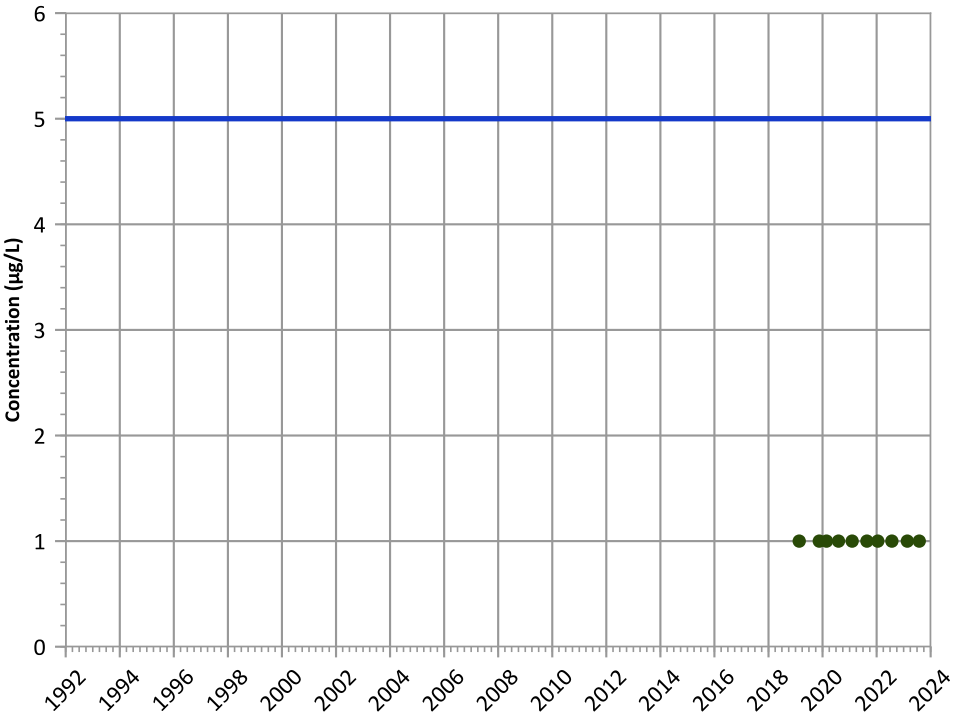


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

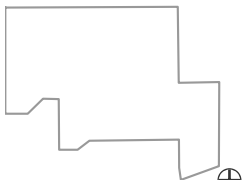
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

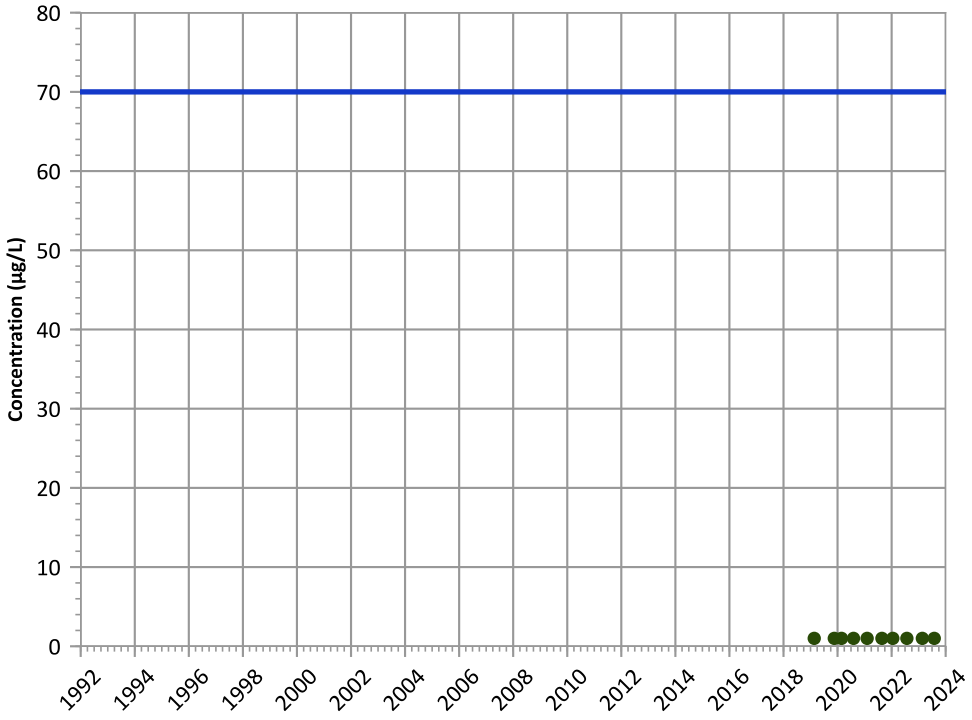
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

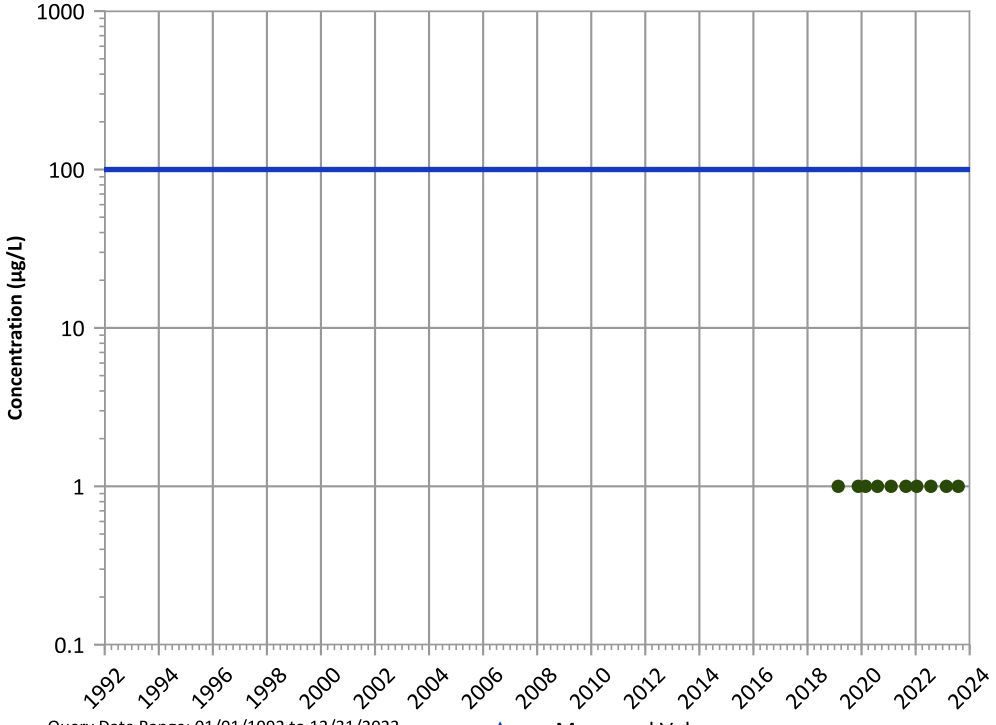


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

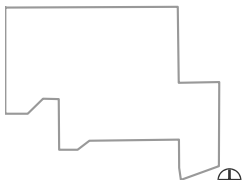
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

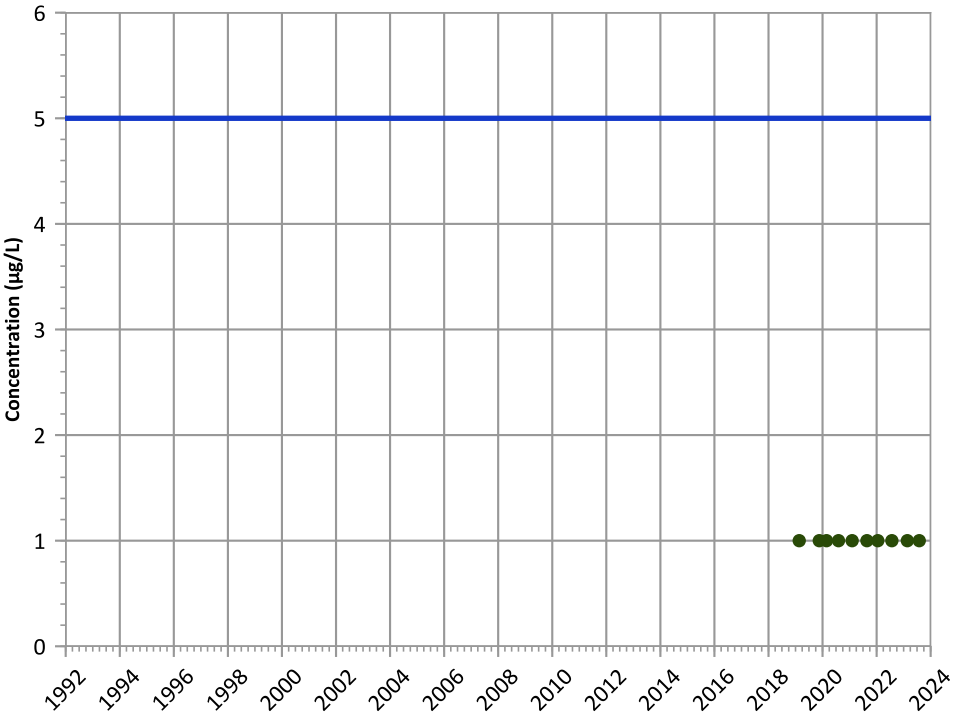
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

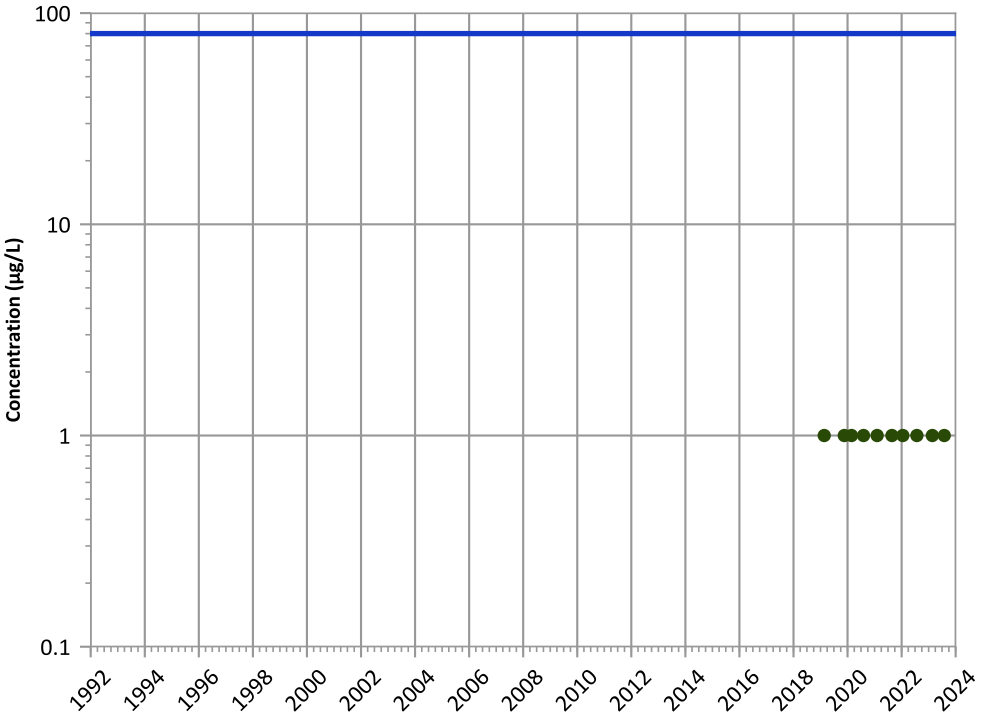


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

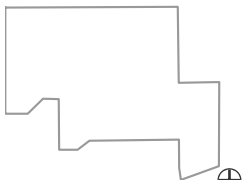
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

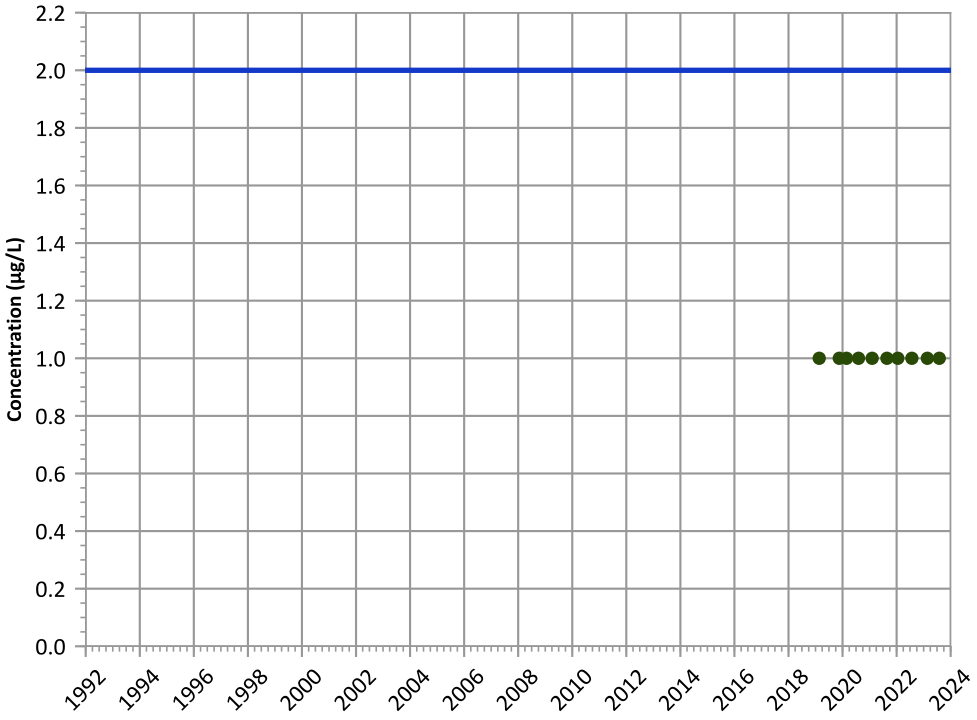
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

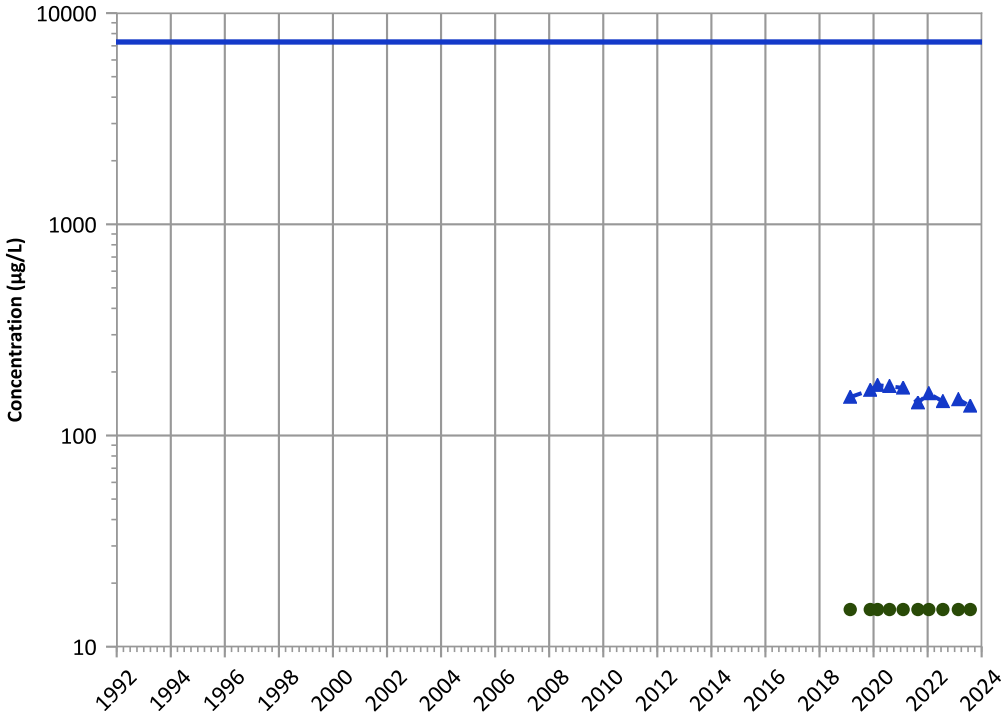


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

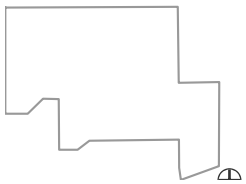
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

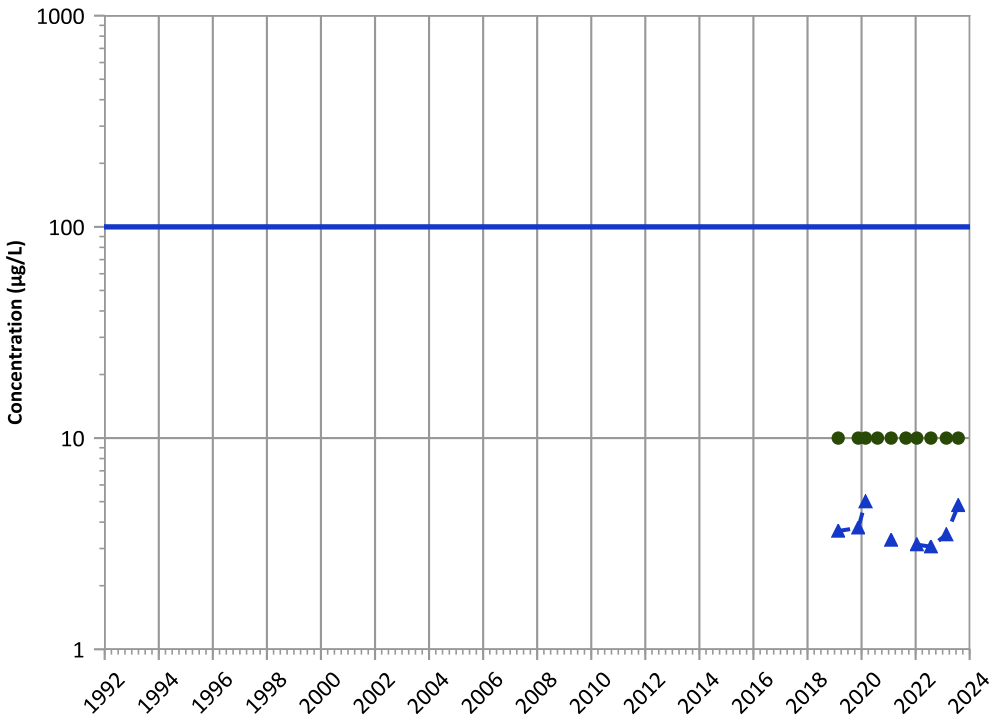
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

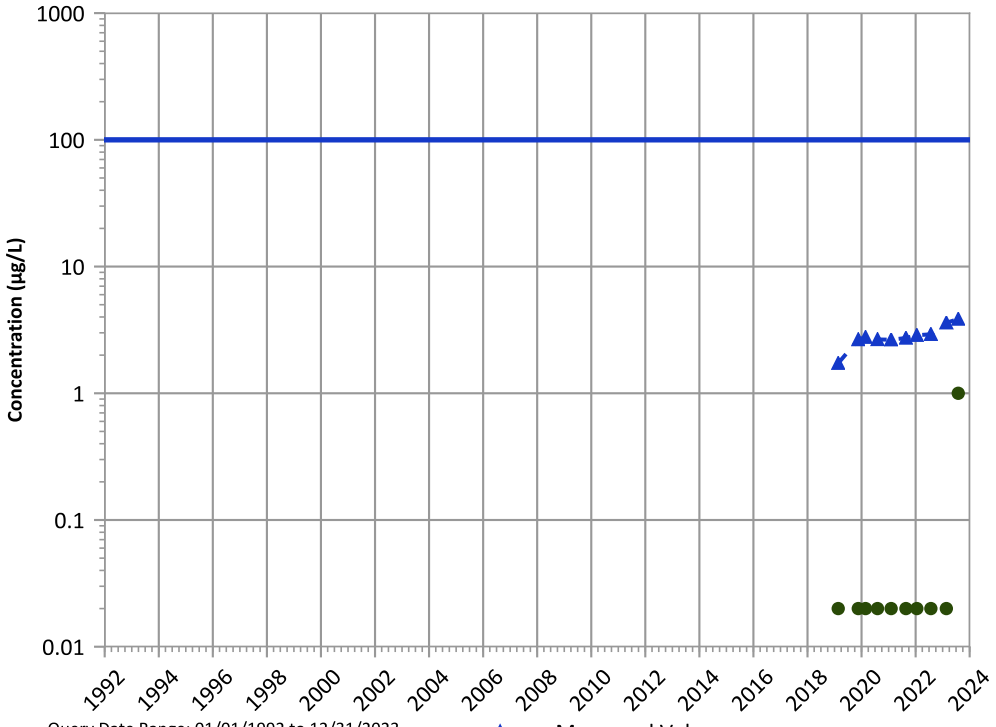


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Chromium, Hexavalent Trend



Concentration Trend

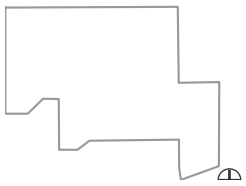
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

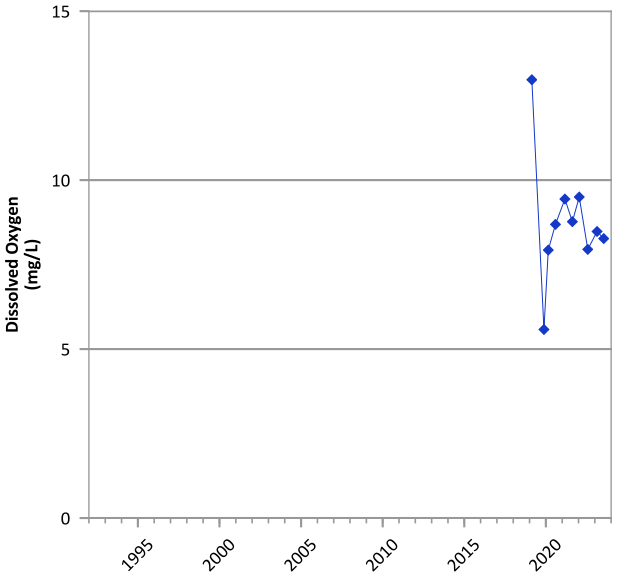
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/14/2019 to 07/31/2023
Analysis Date: 04/01/2024

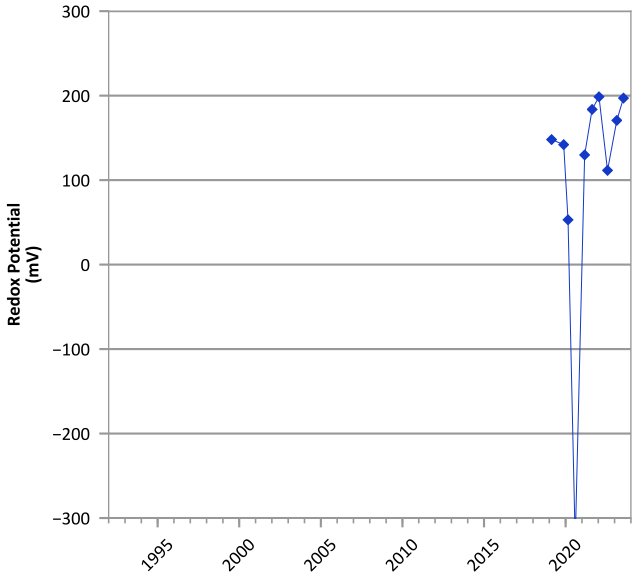
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

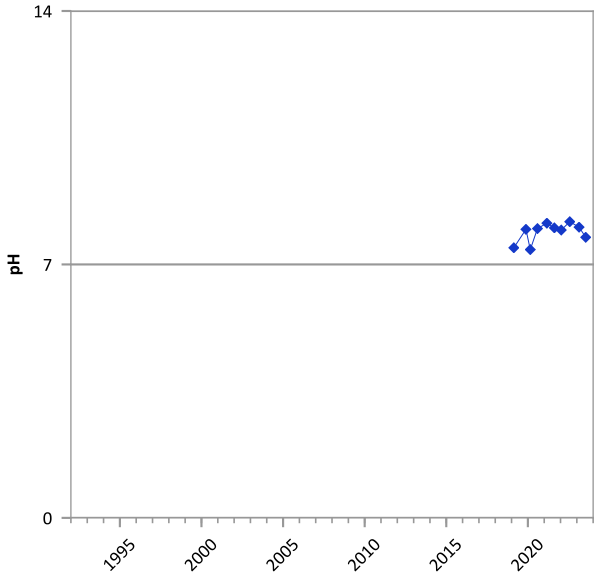
Well Location

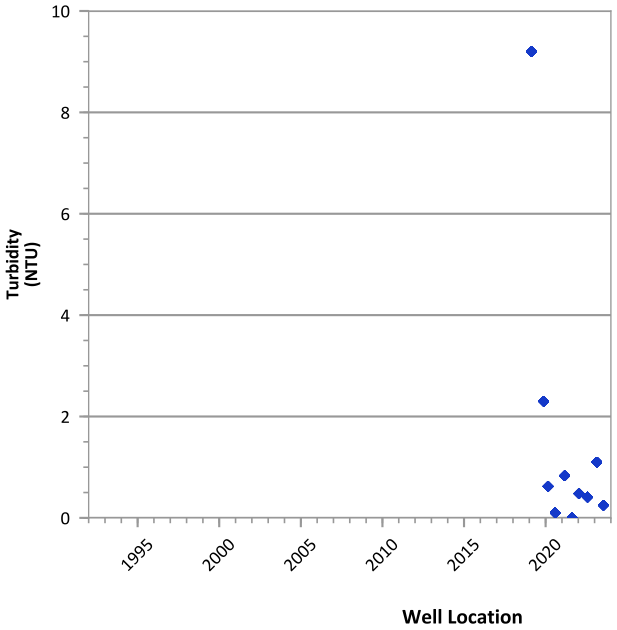


PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

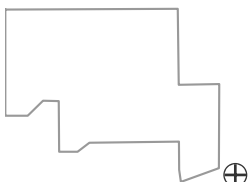






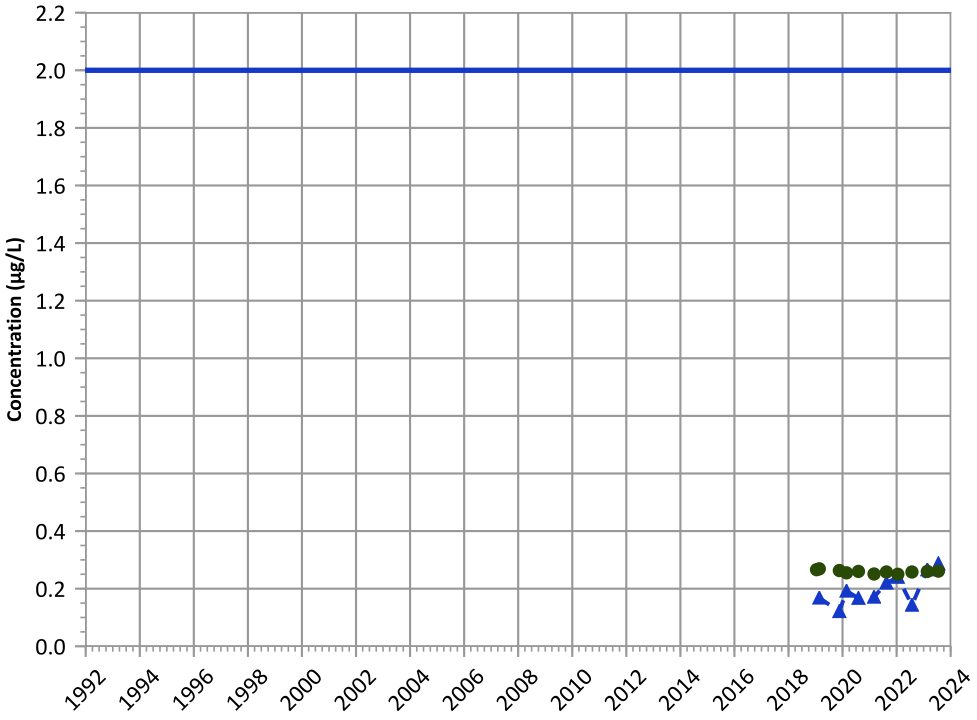


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

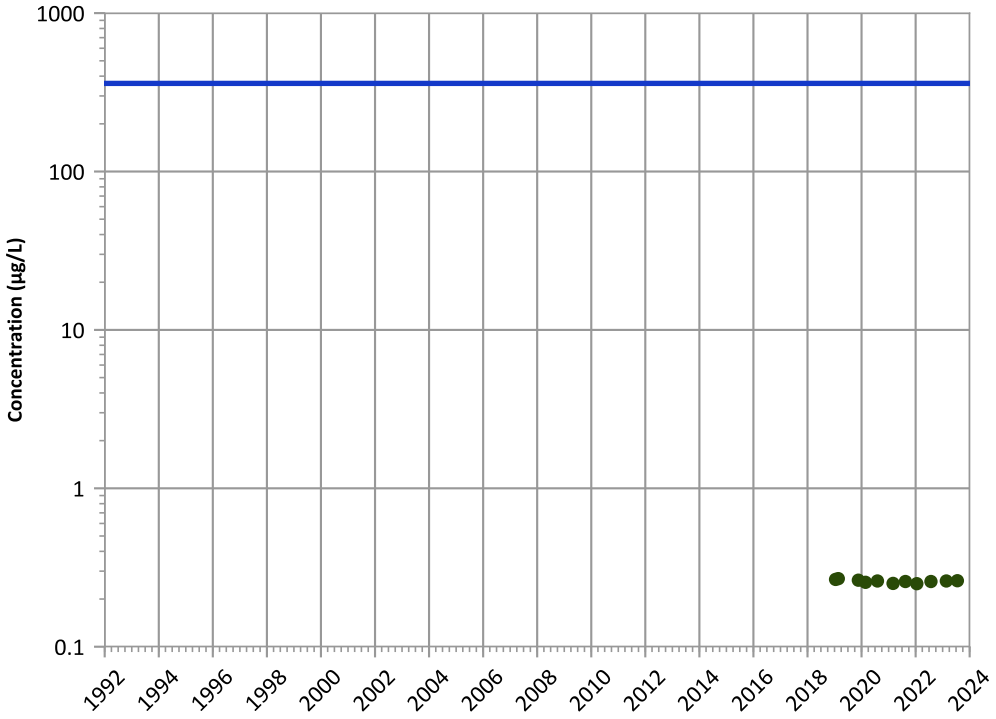


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

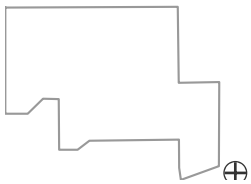
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

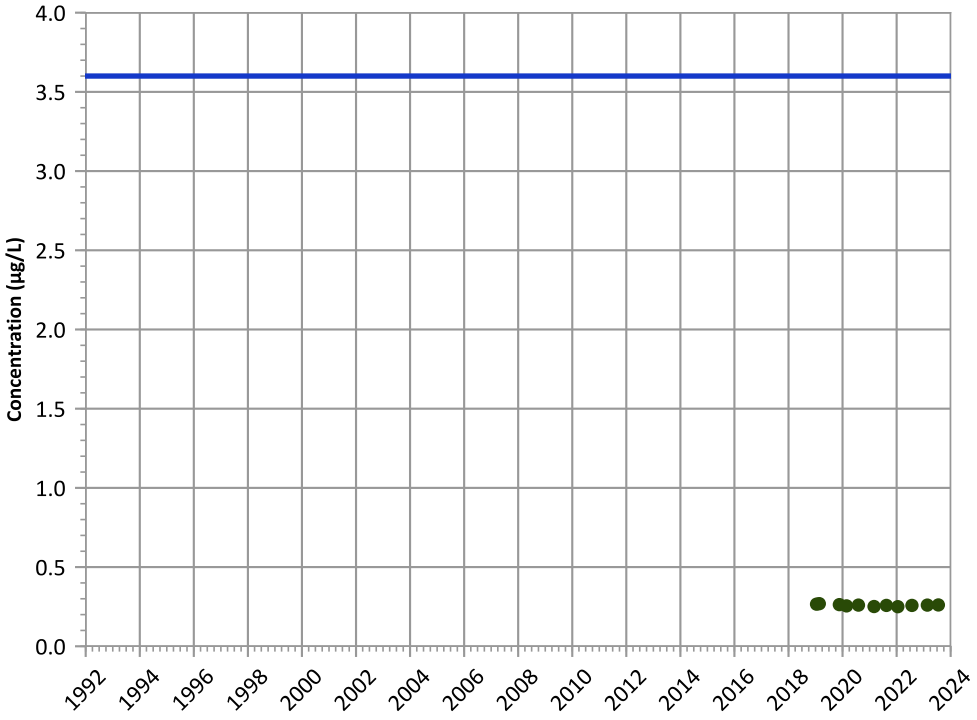
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

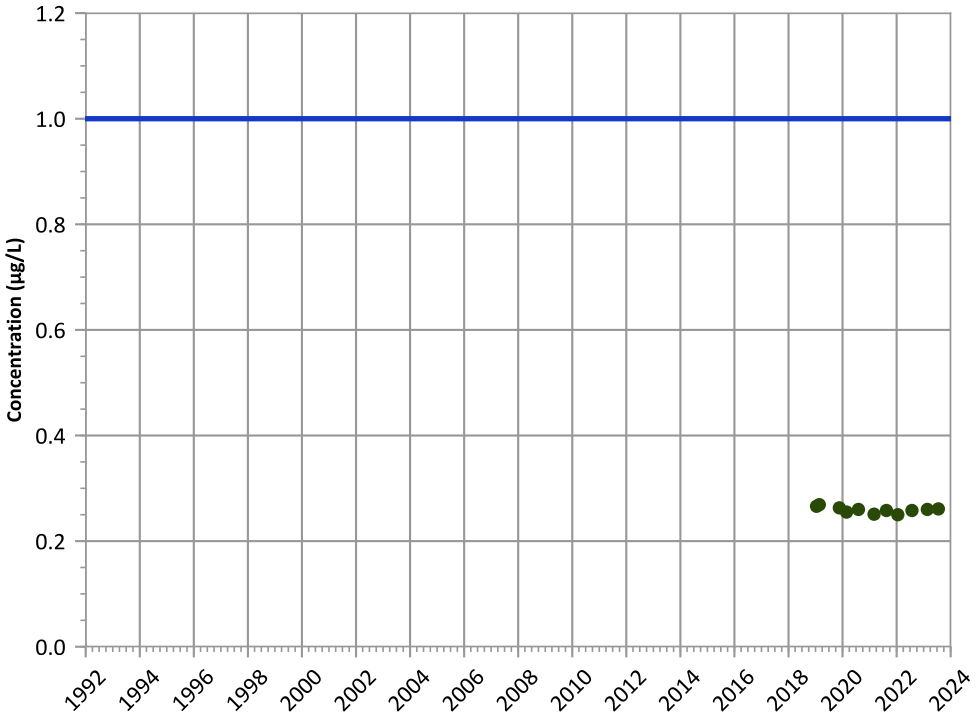


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

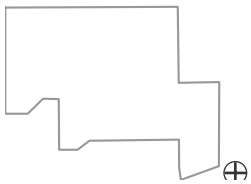
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

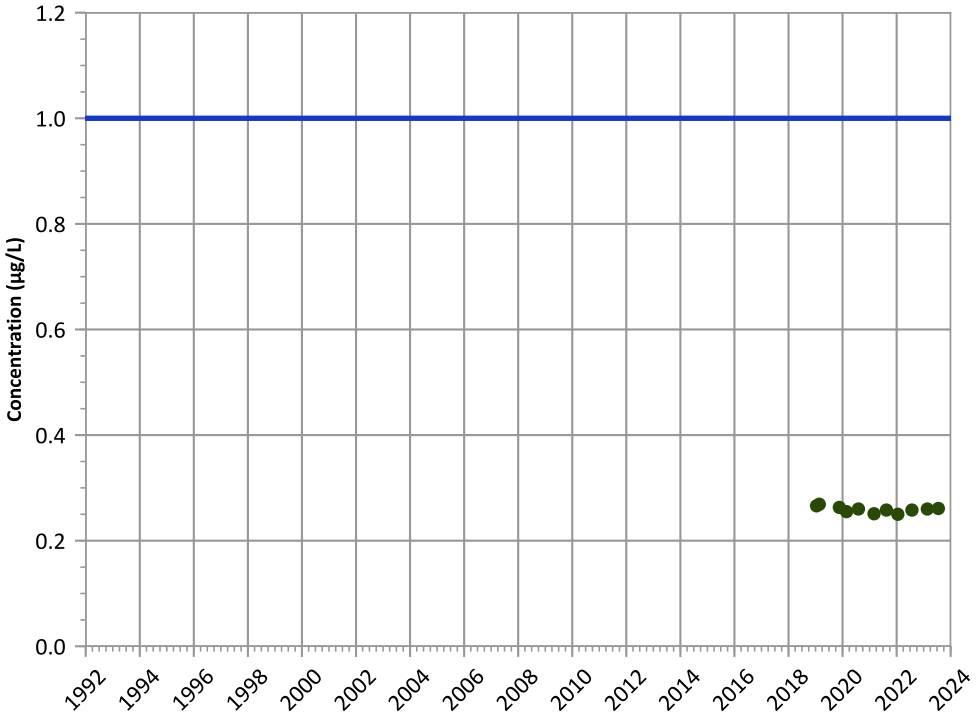
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

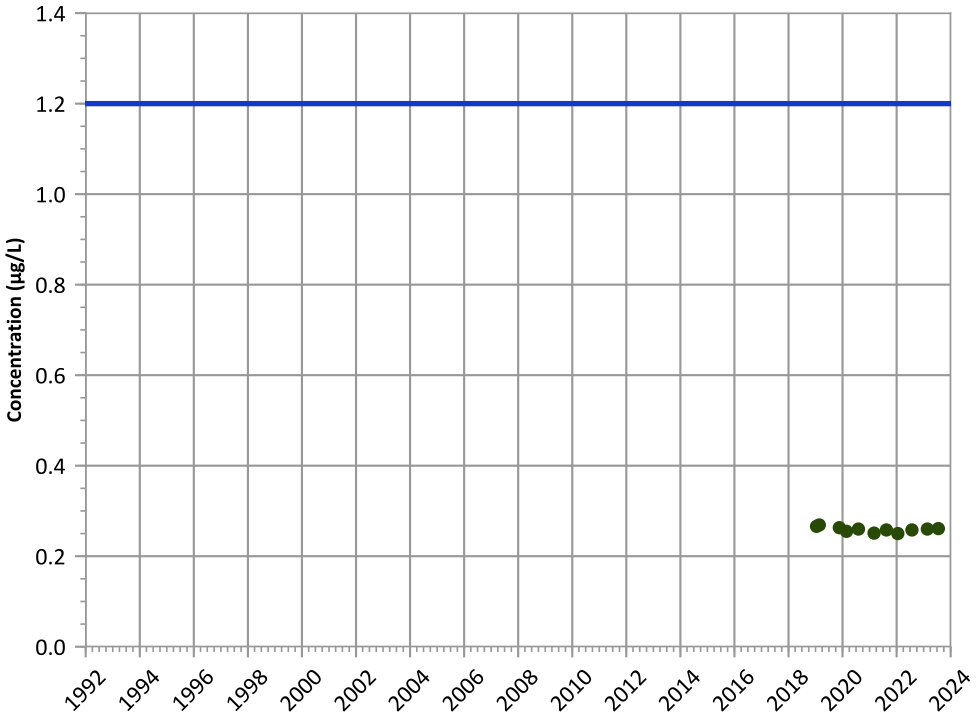


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

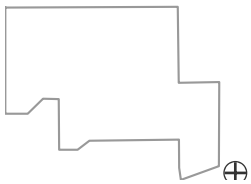
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

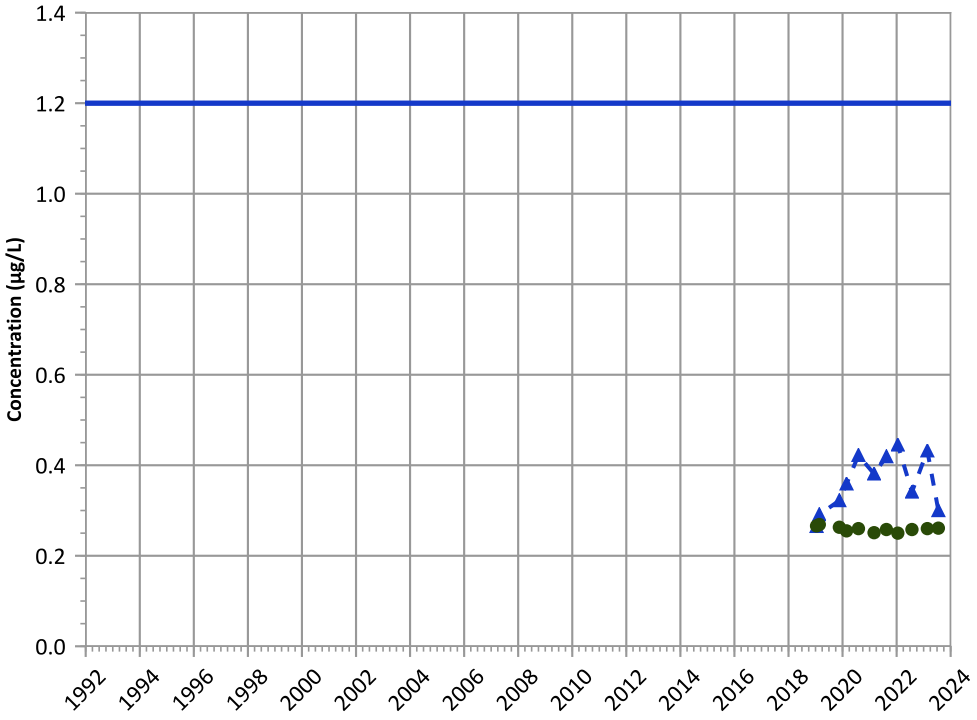
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

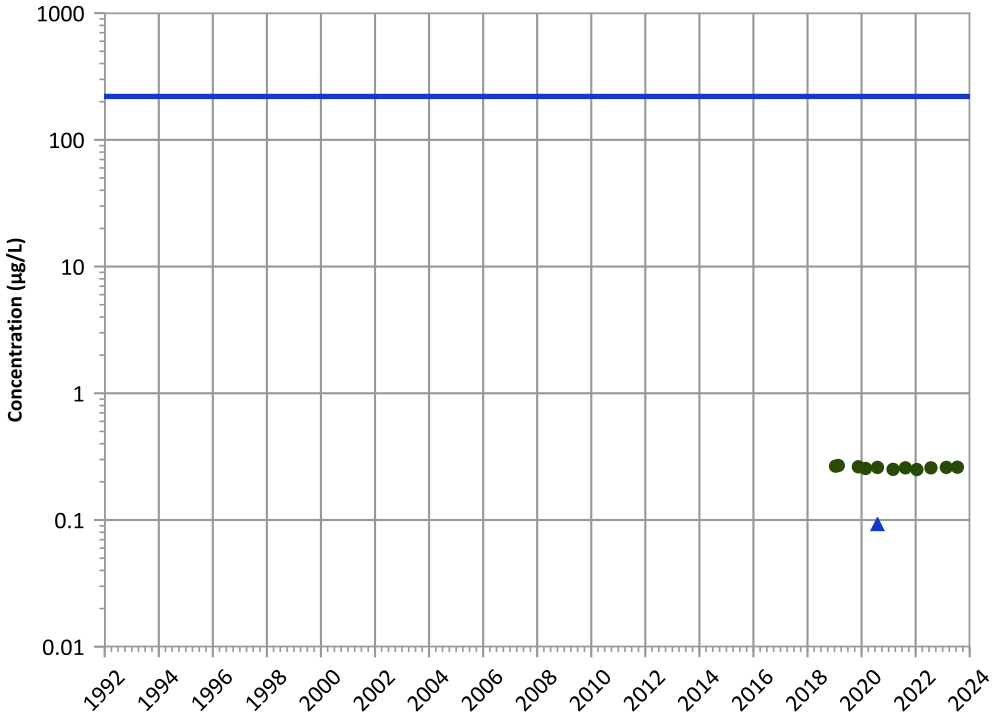


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

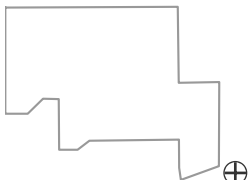
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

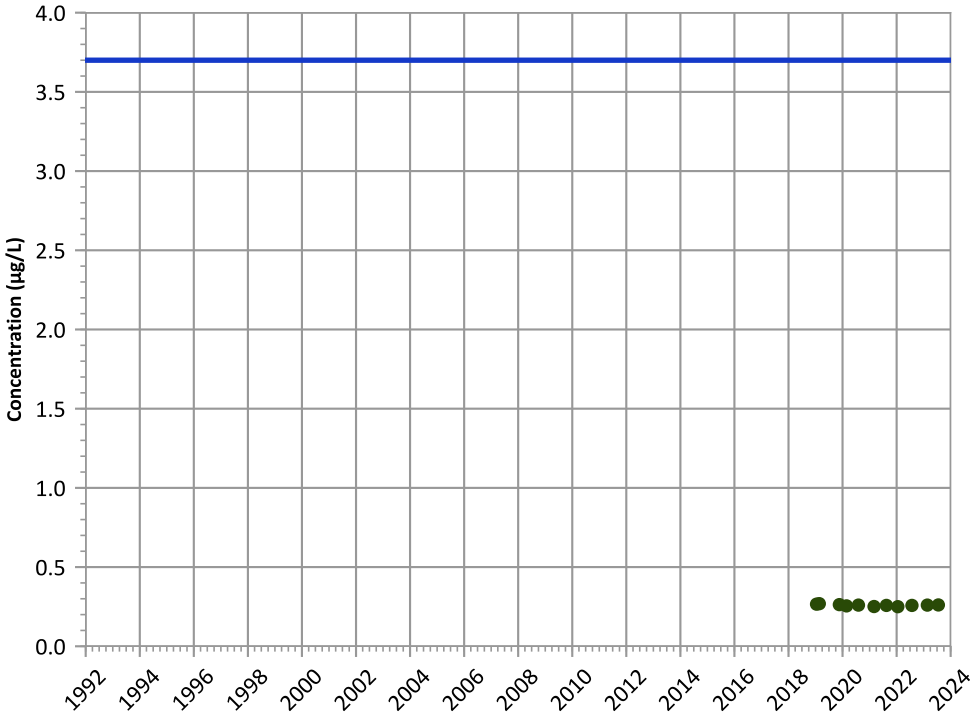
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

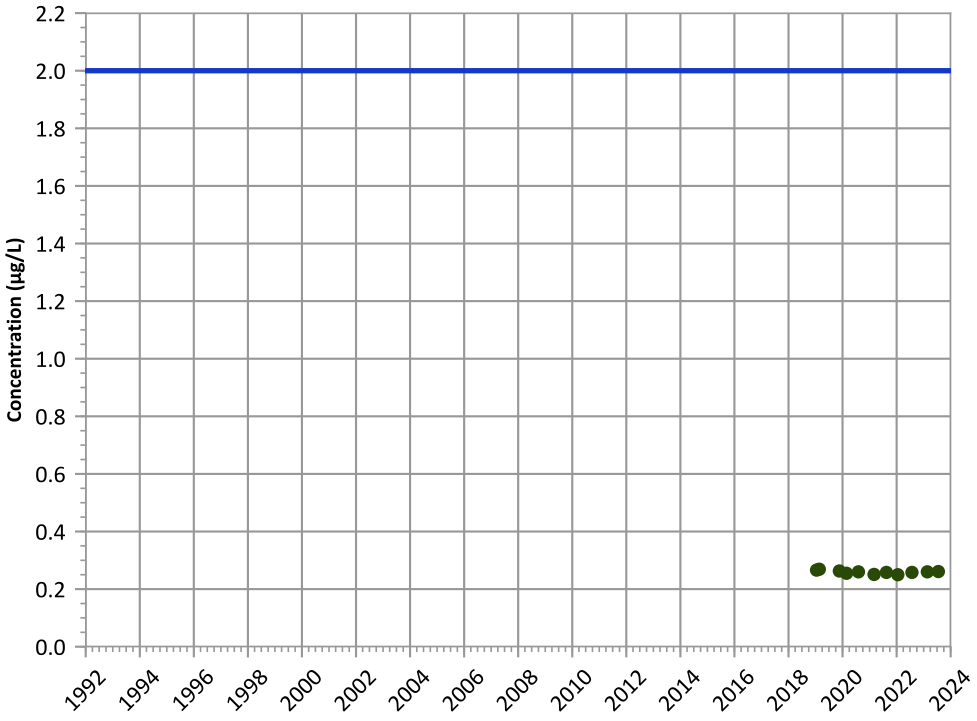


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

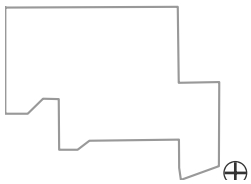
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

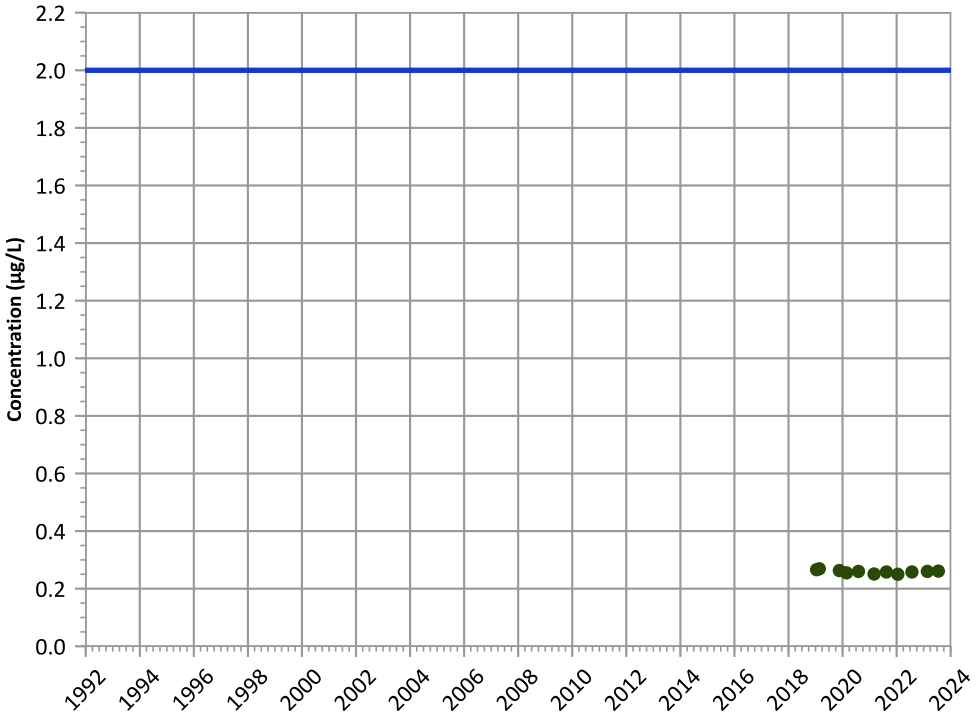
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

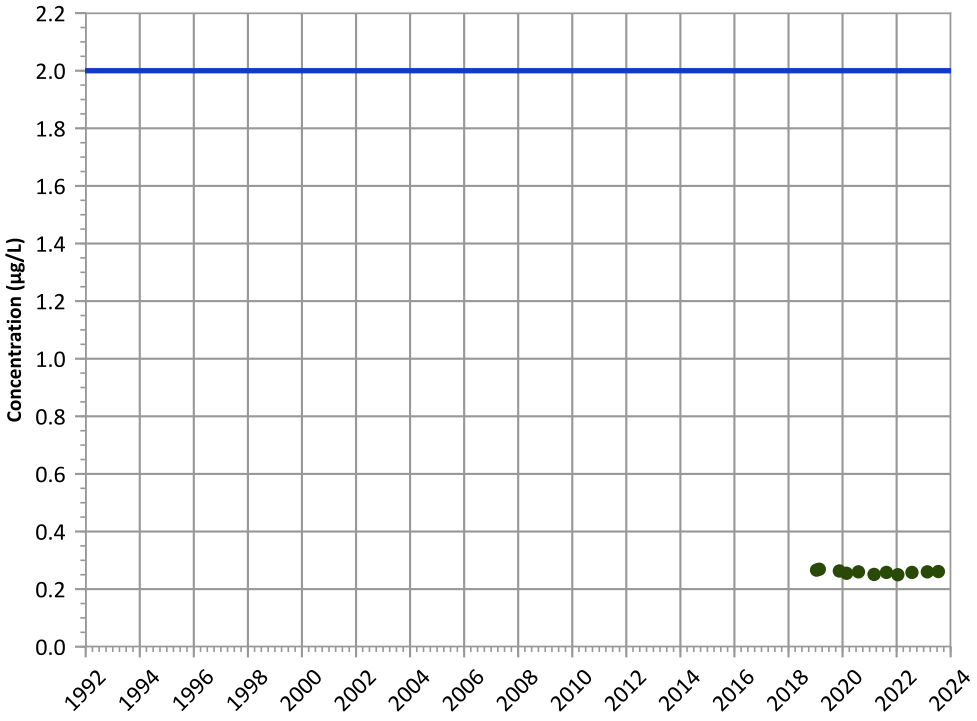


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

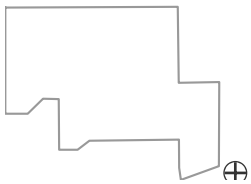
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

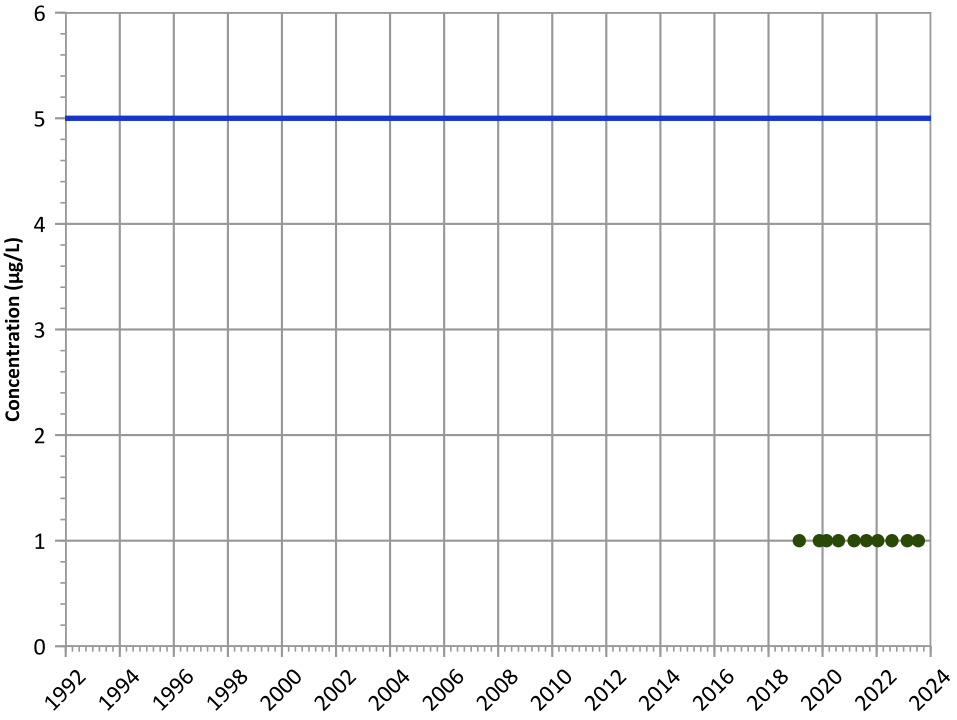
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

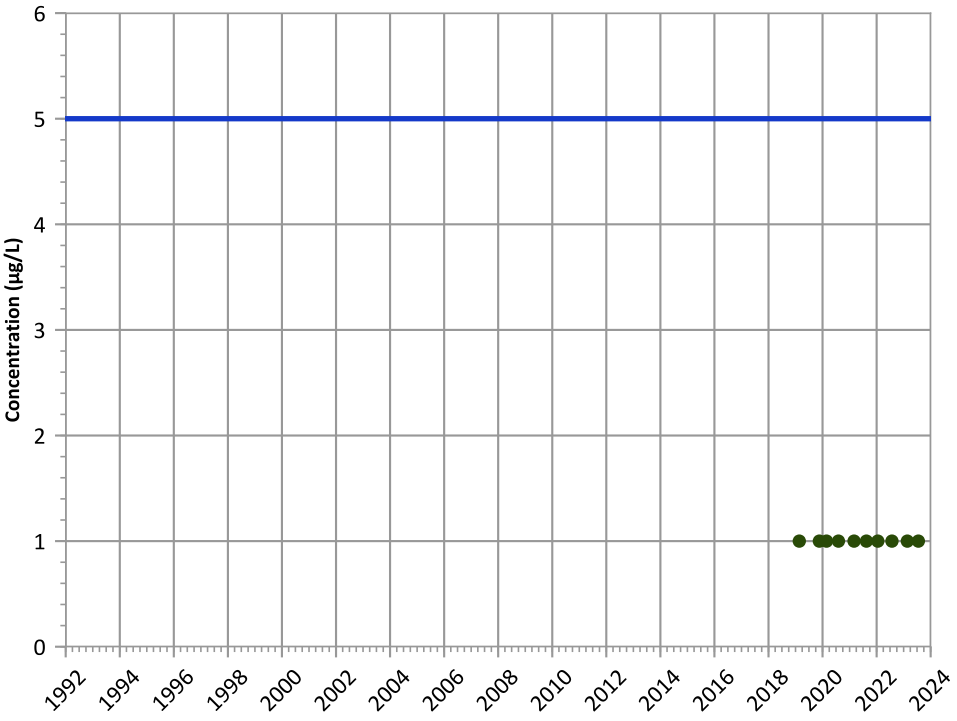


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

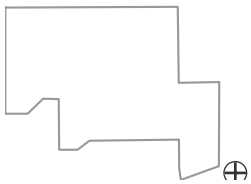
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

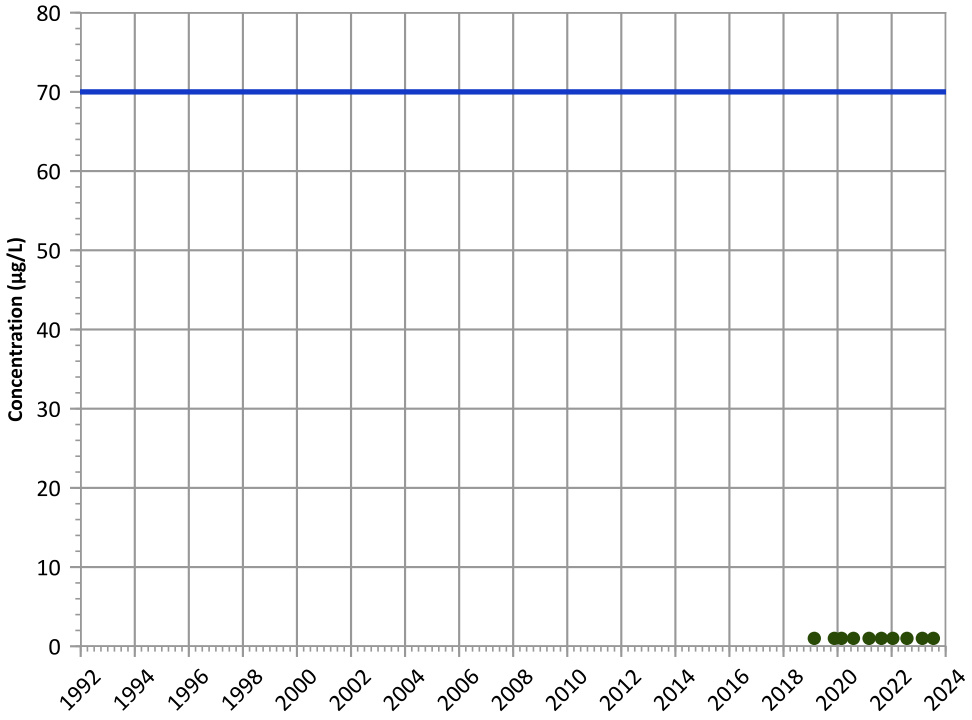
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

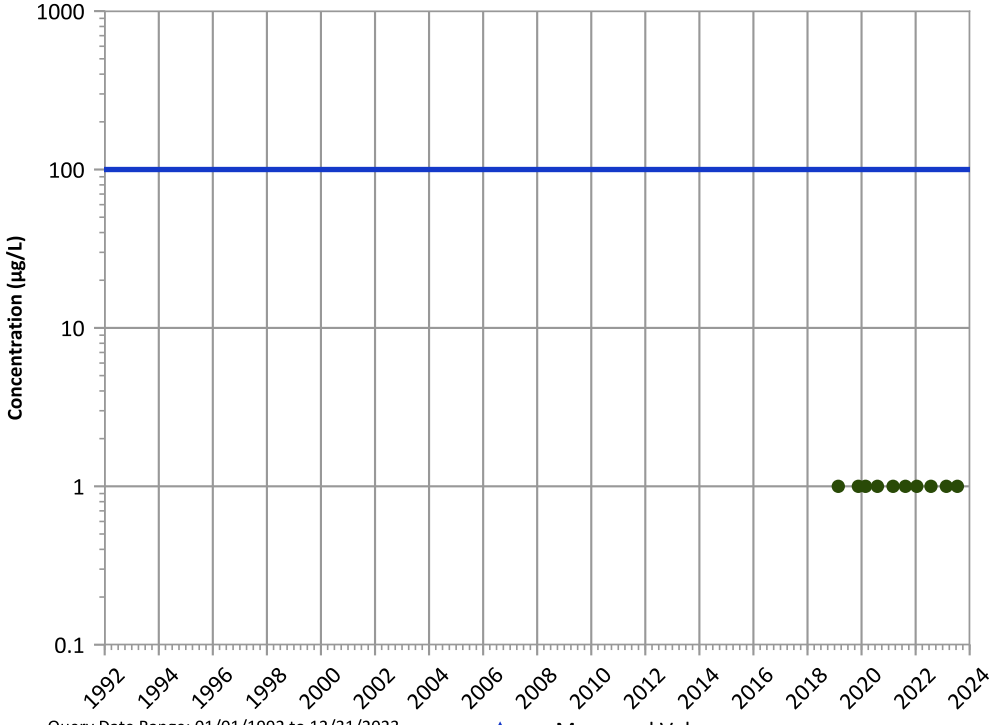


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

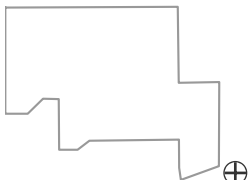
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

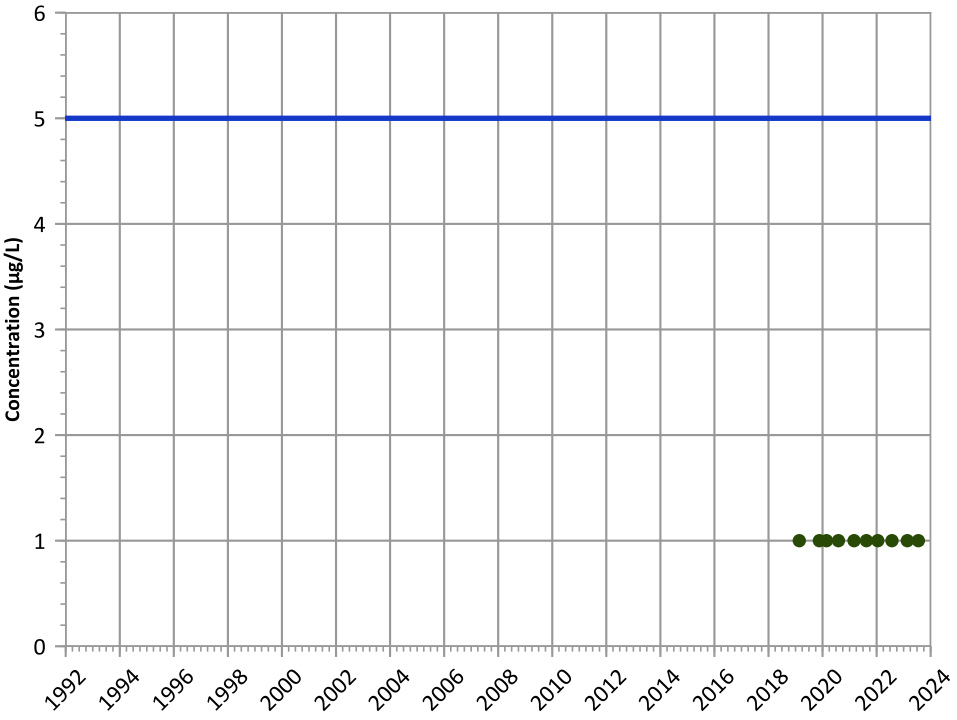
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

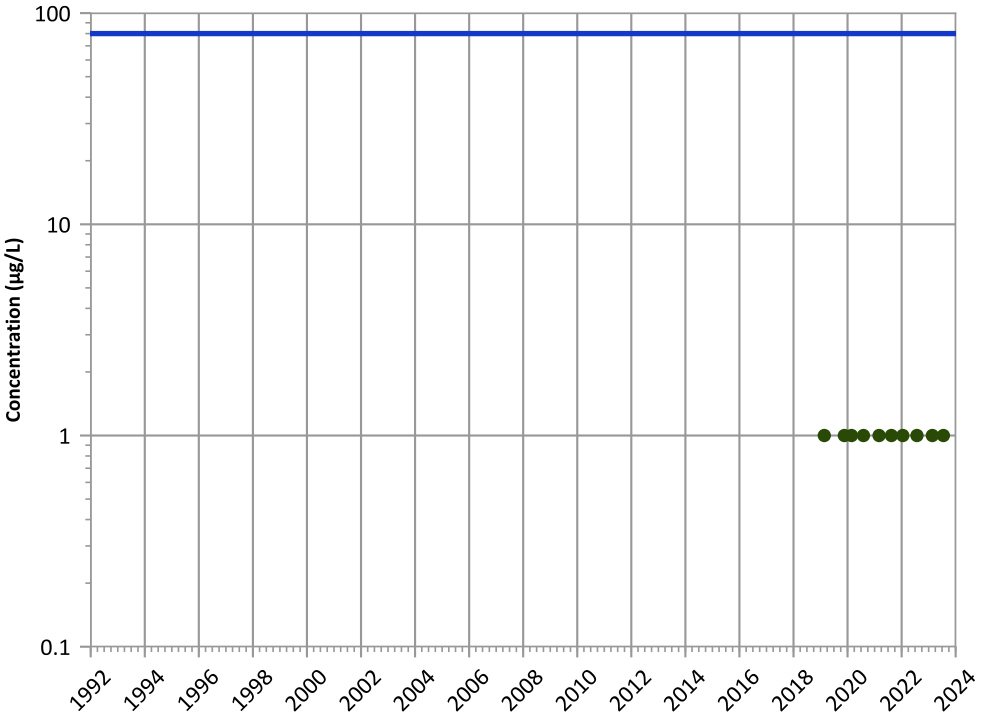


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

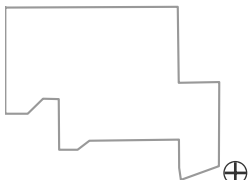
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

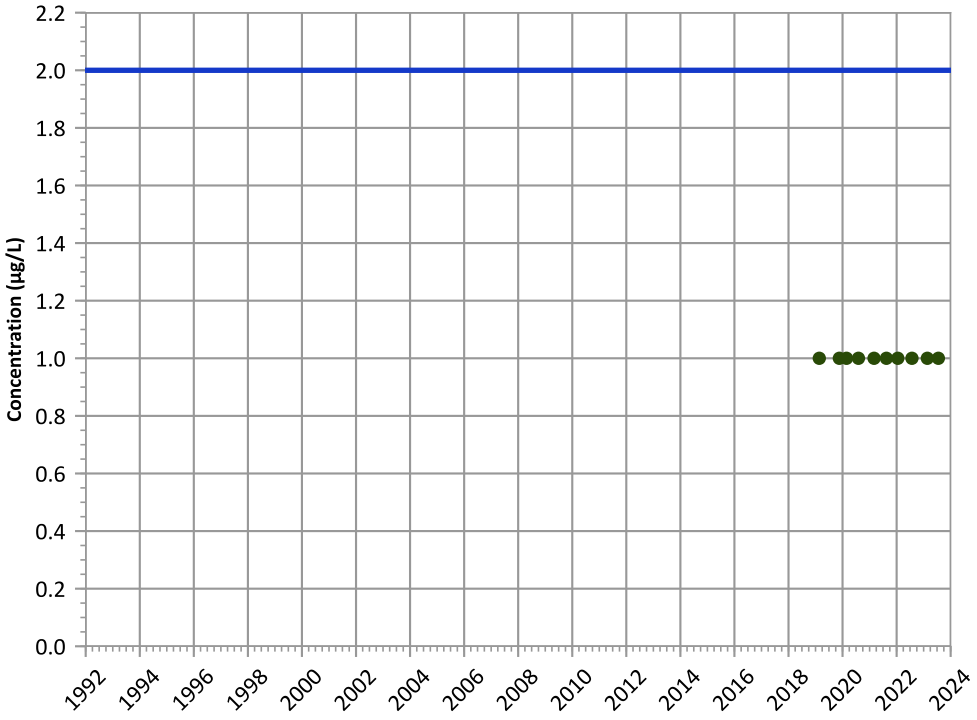
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

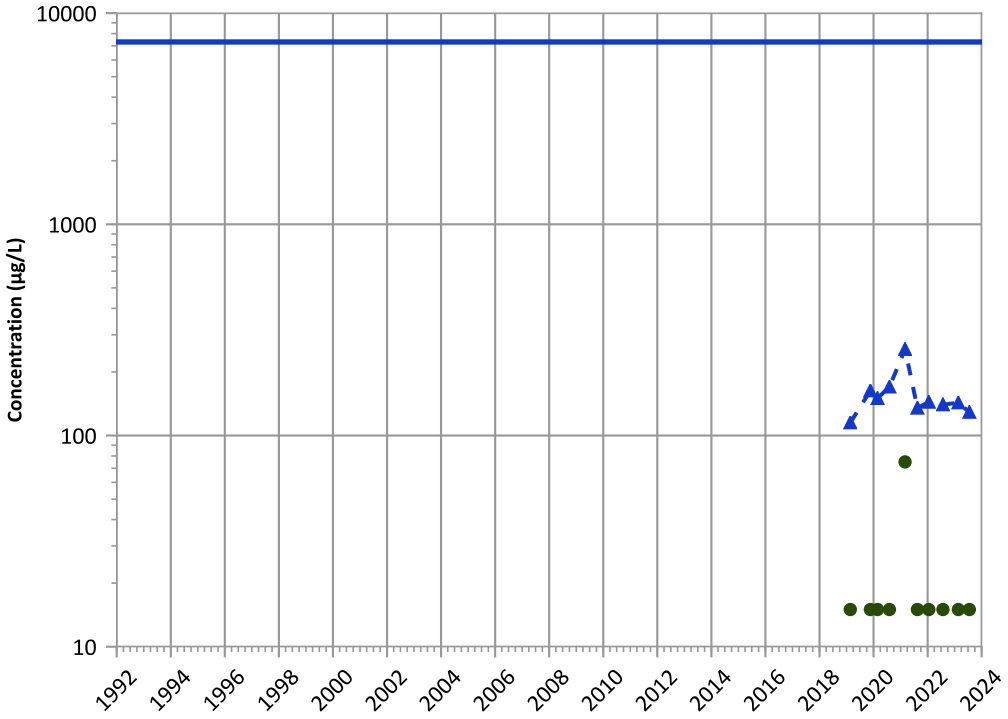


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

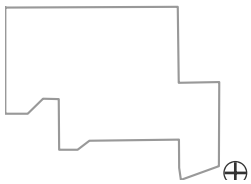
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

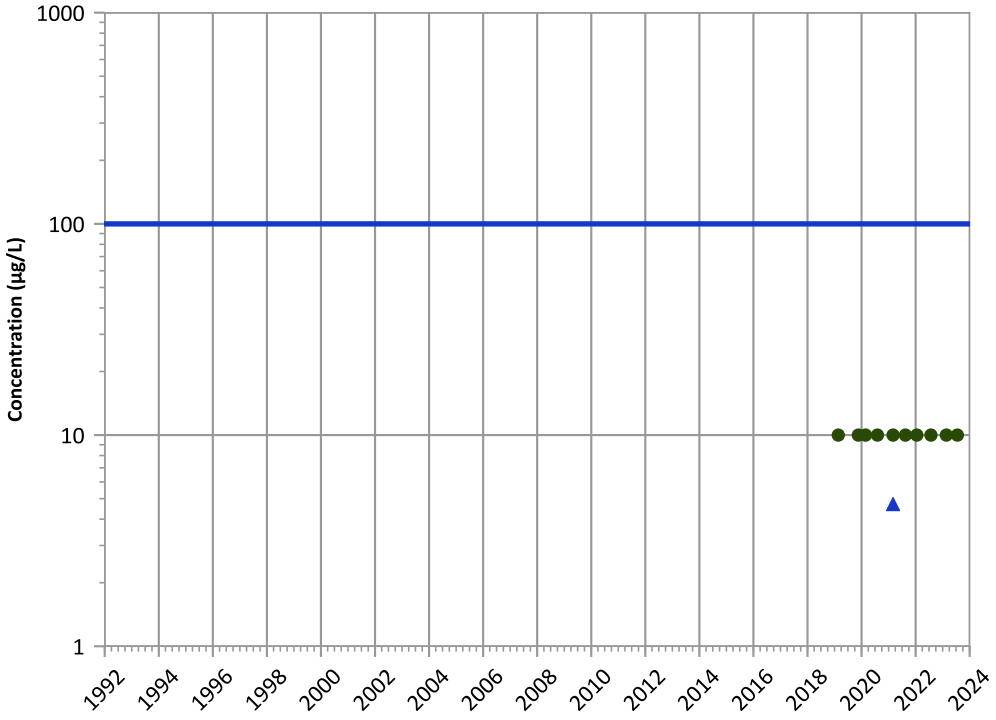
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

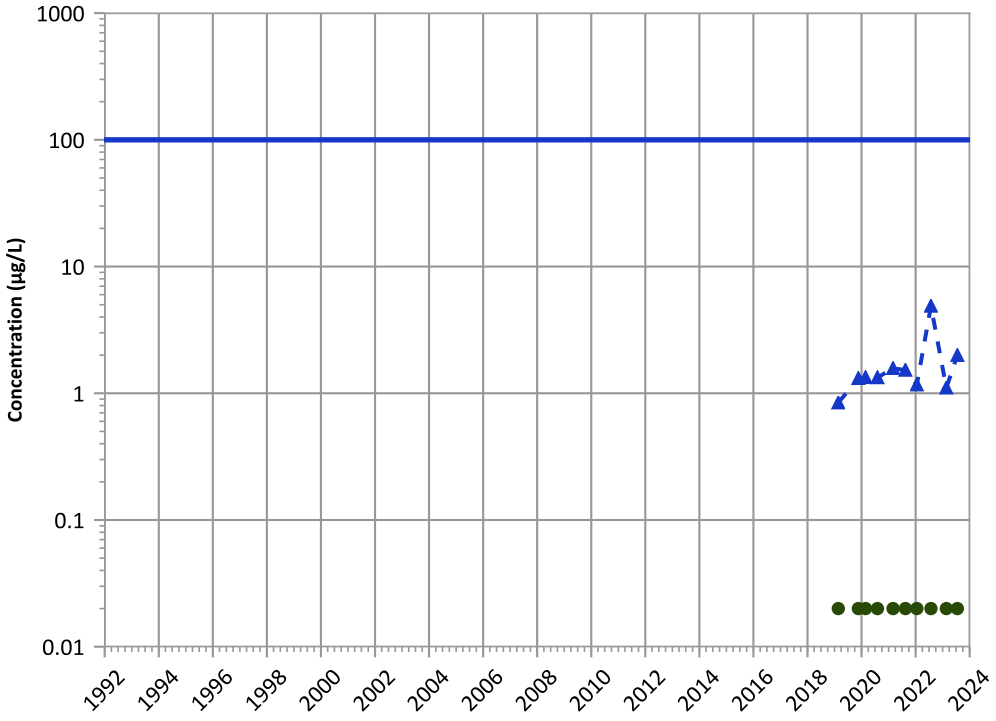


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

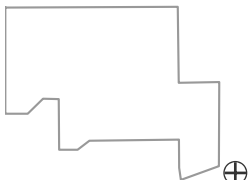
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

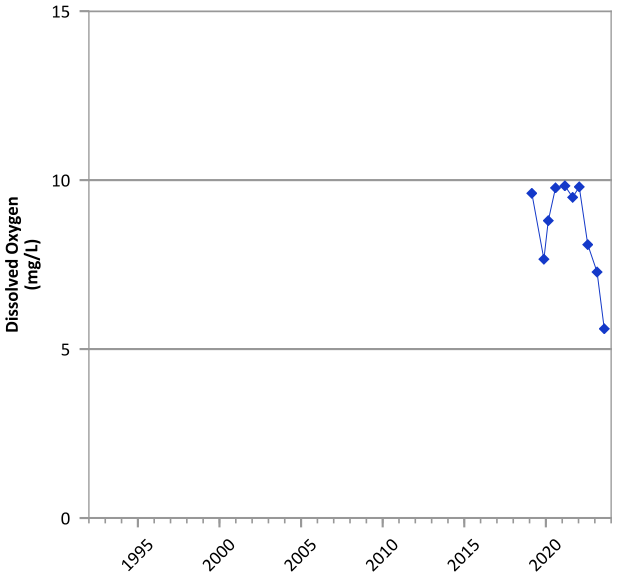
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/15/2019 to 07/19/2023
Analysis Date: 04/01/2024

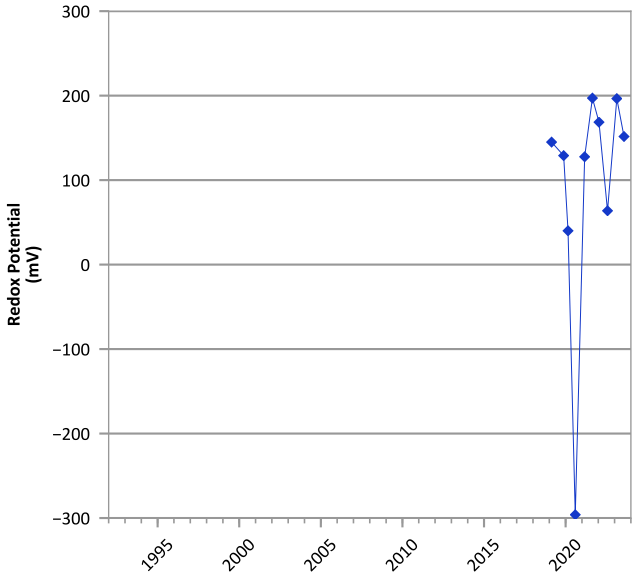
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

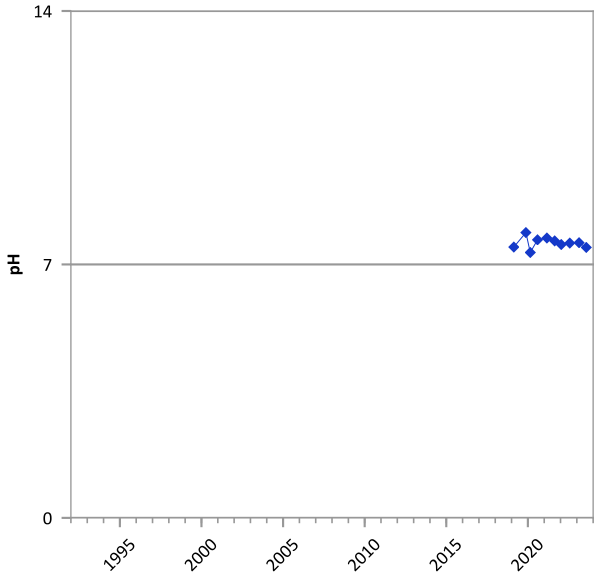
Well Location

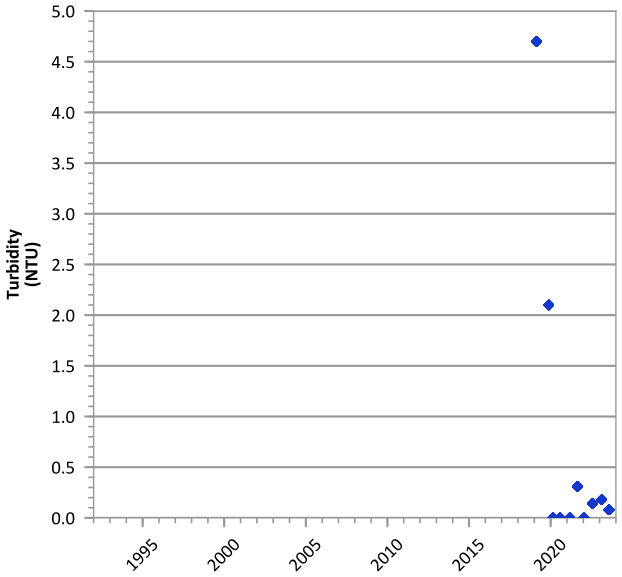


PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

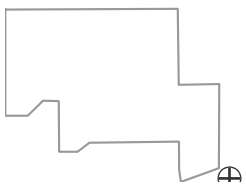






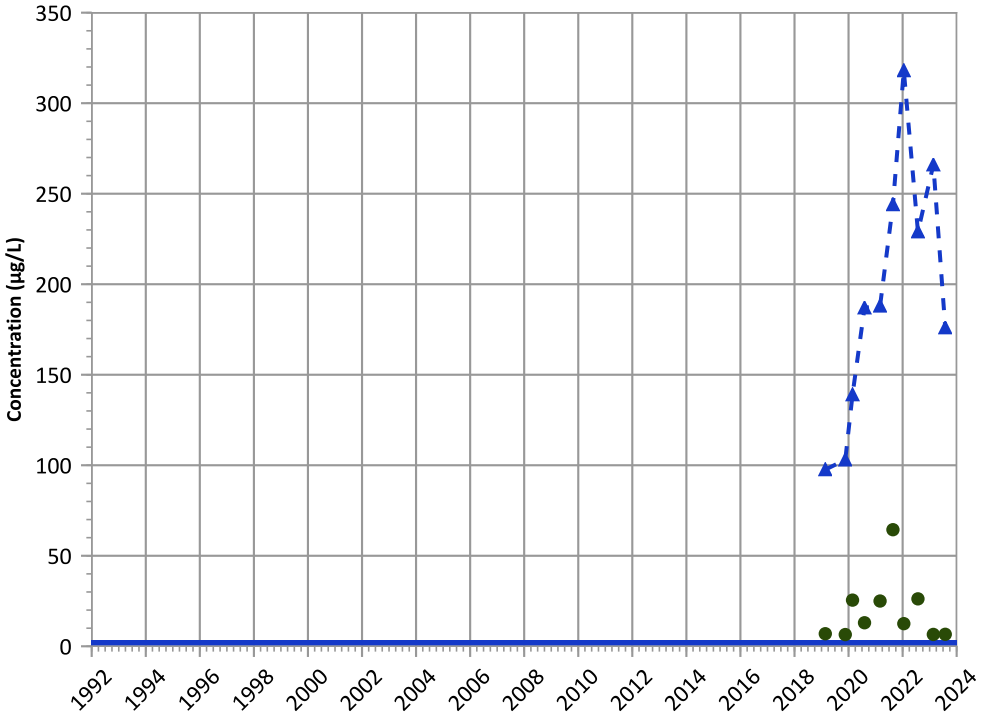


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

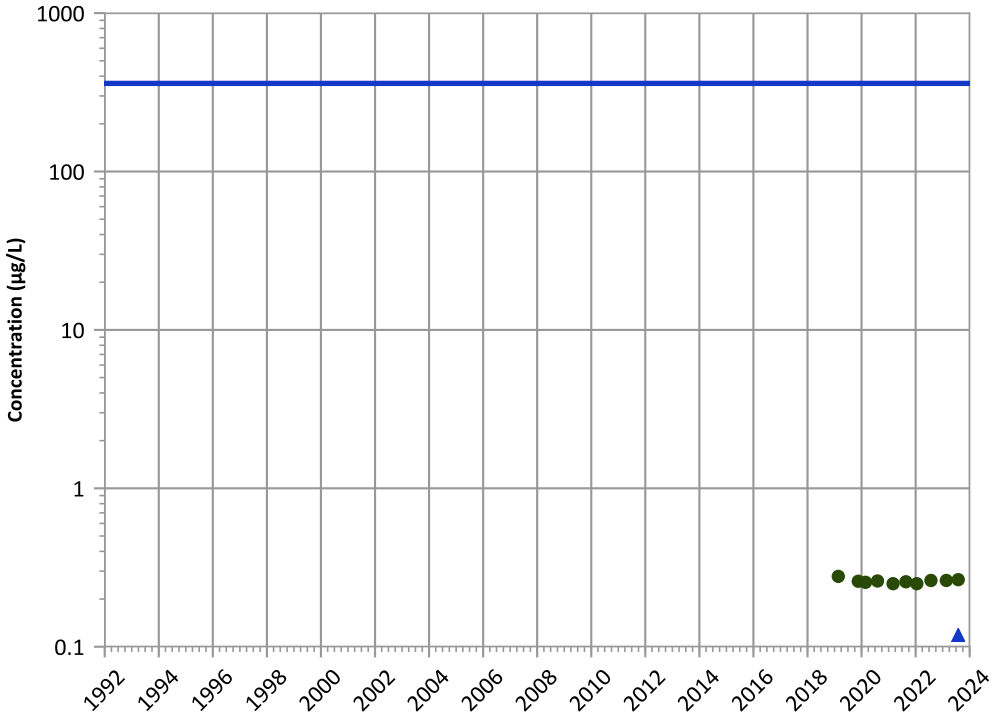


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

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



Concentration Trend

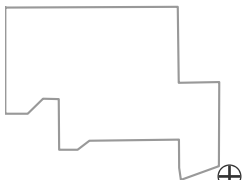
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

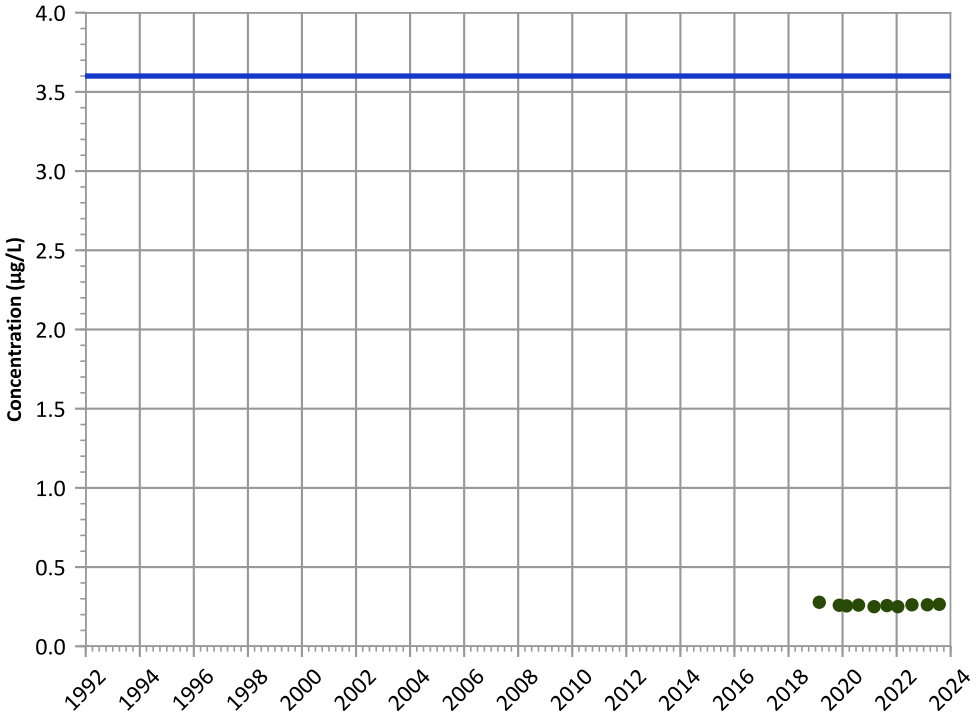
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

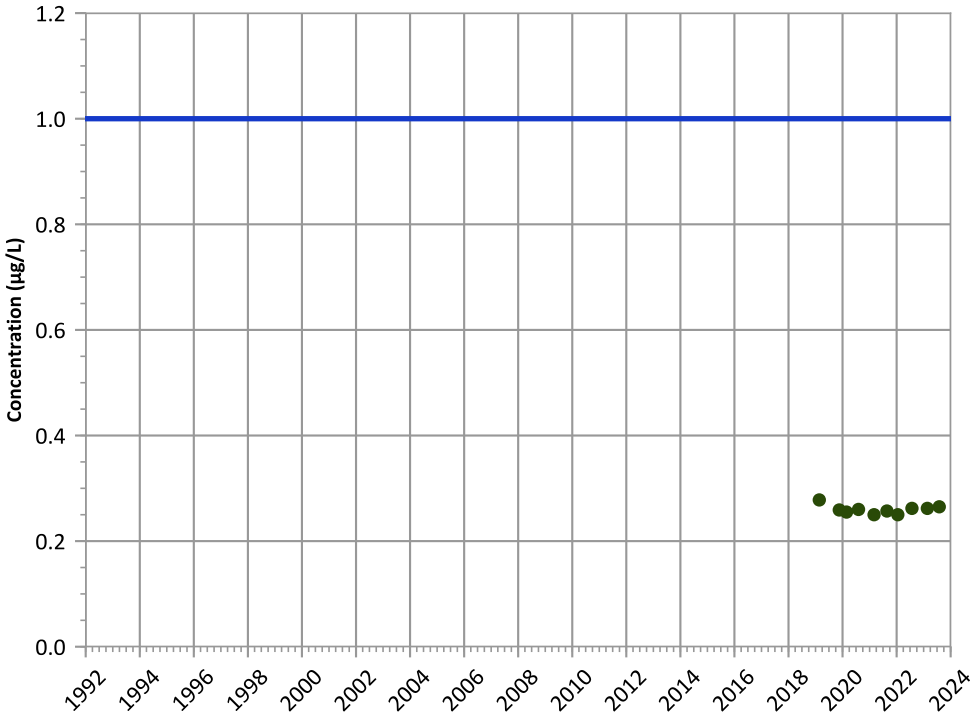


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

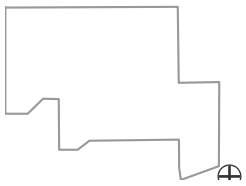
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

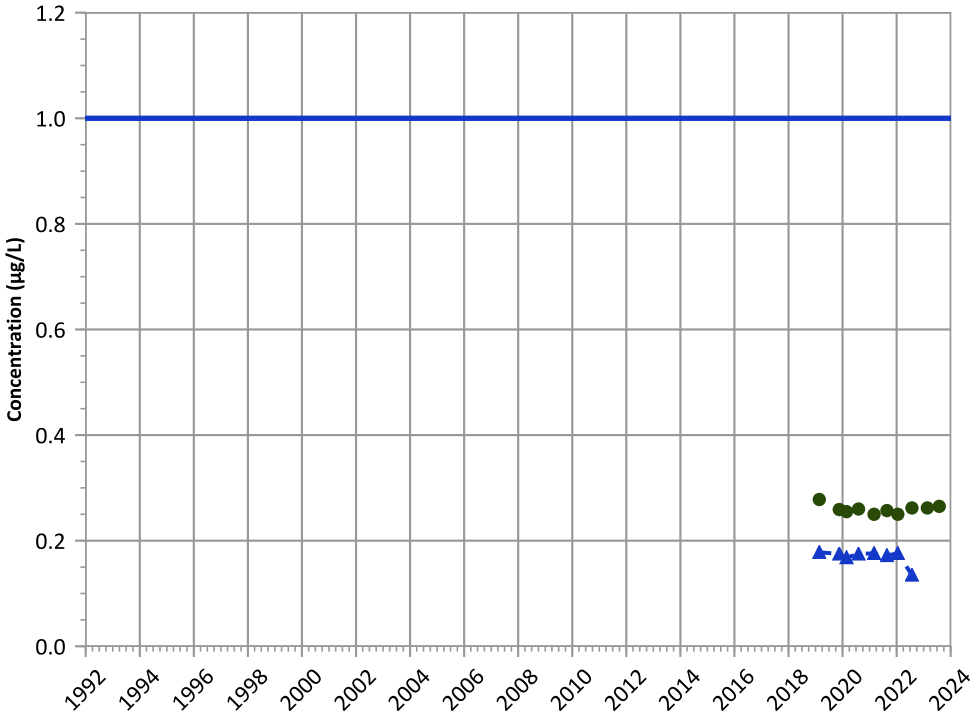
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

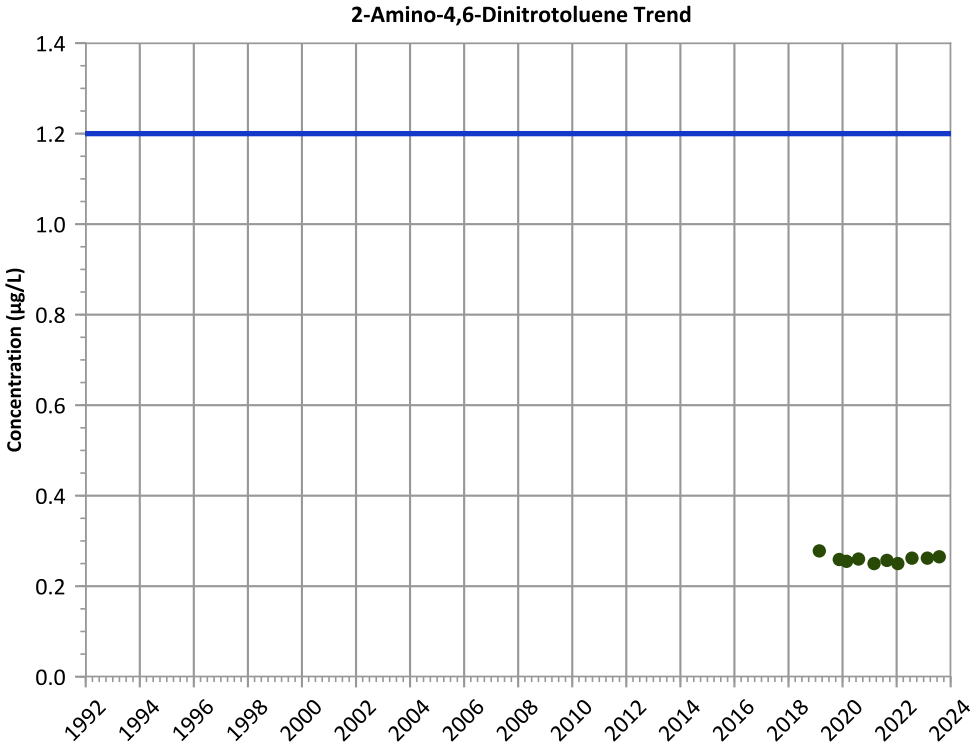


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

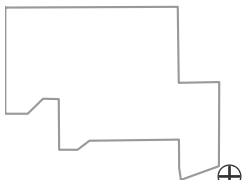
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

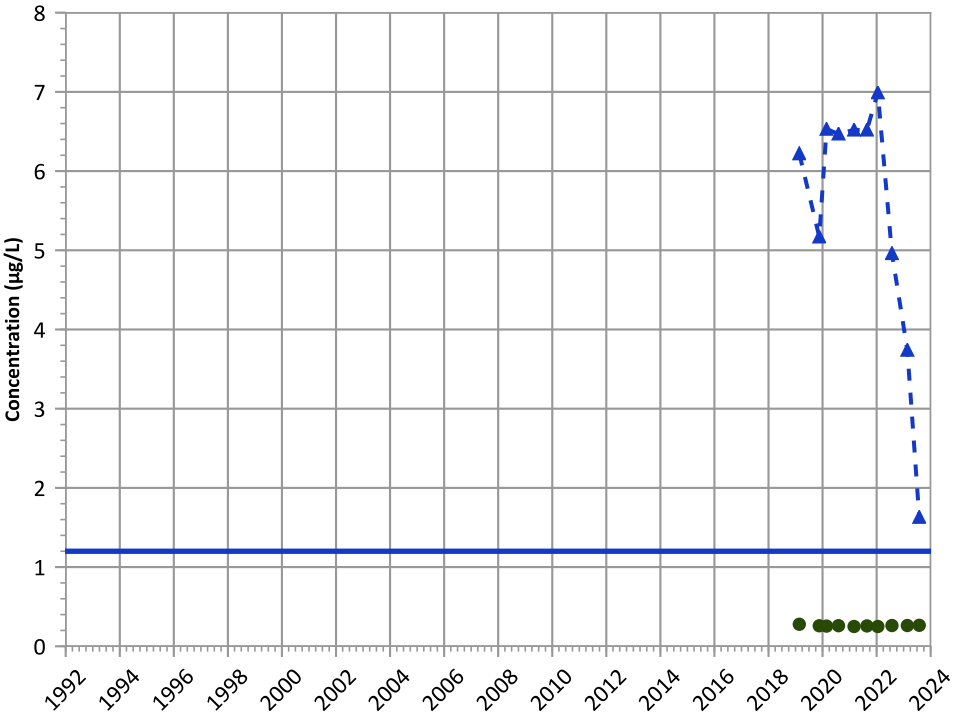
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

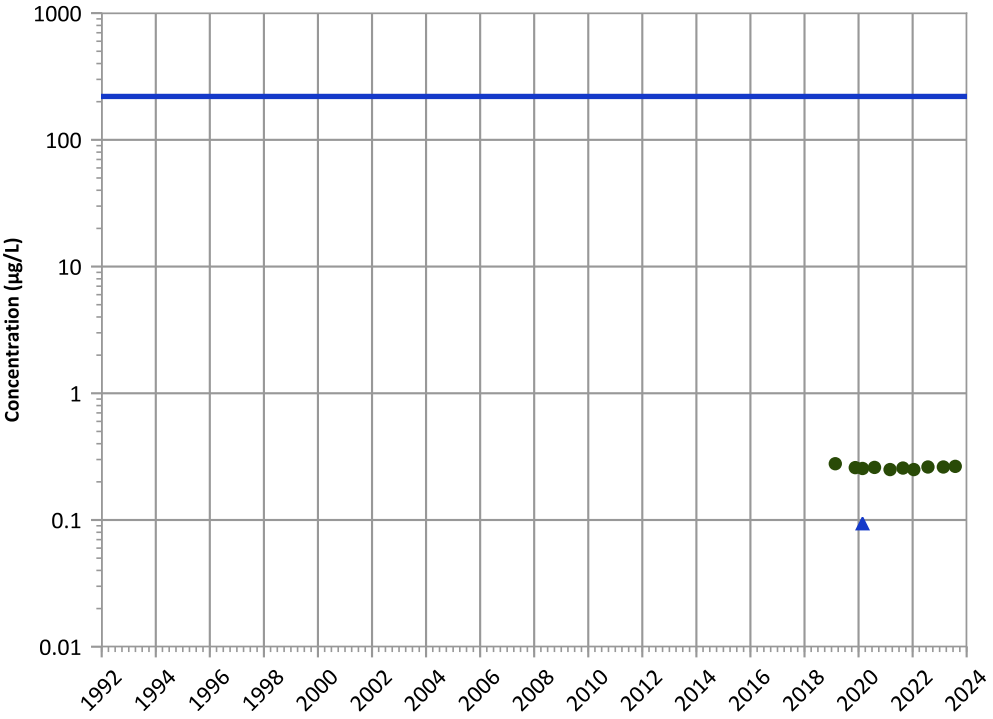


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

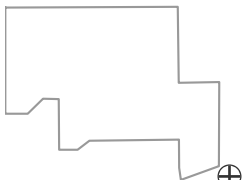
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

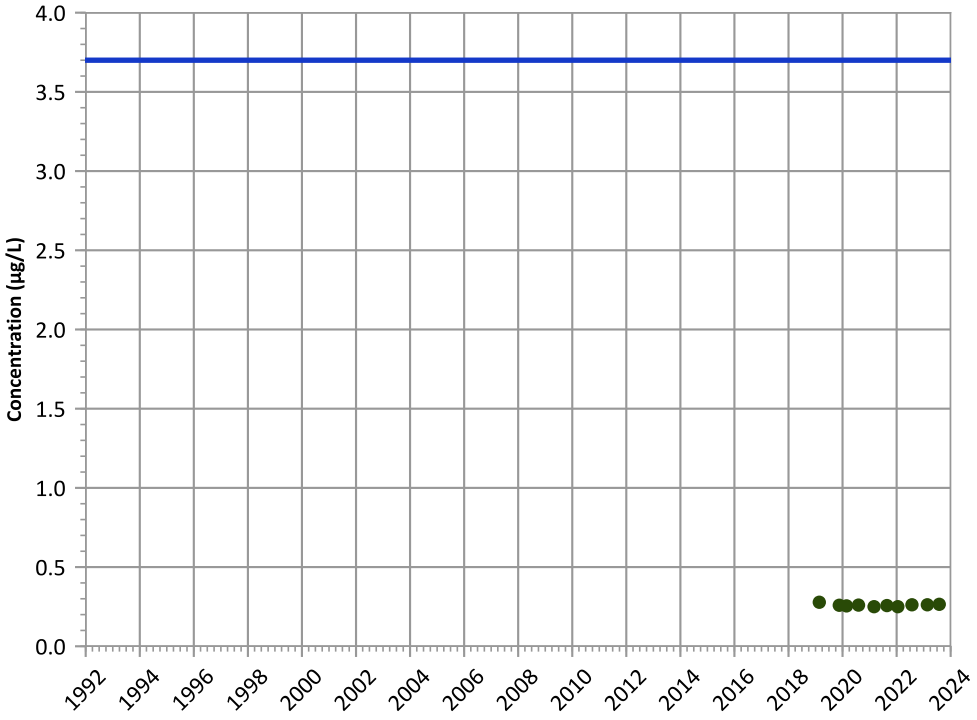
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

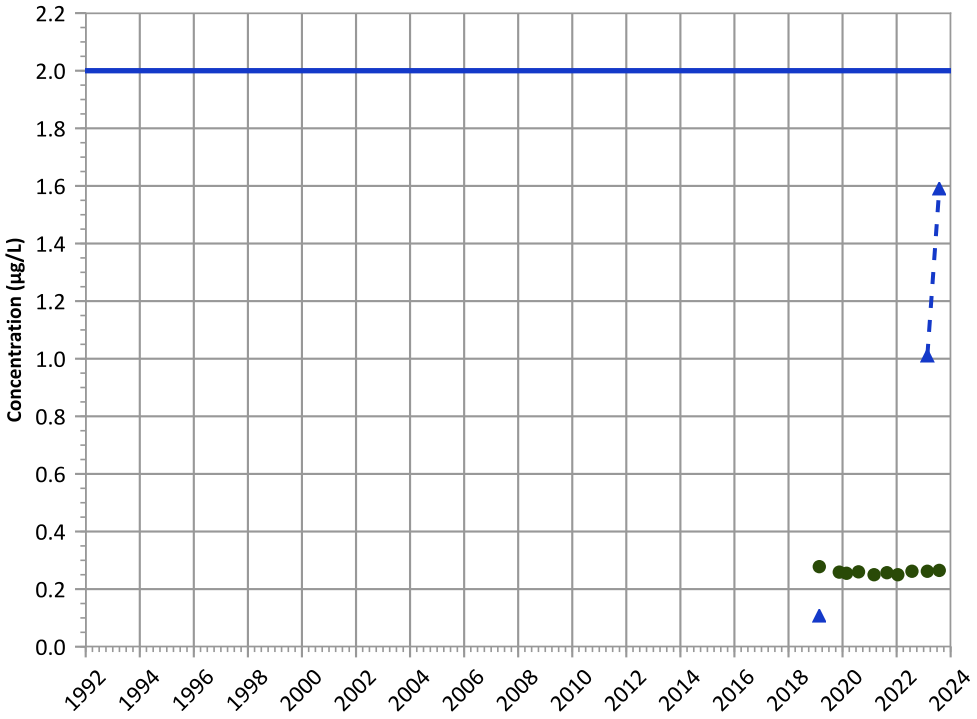


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

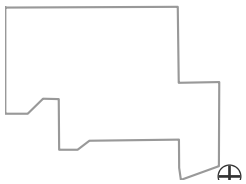
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

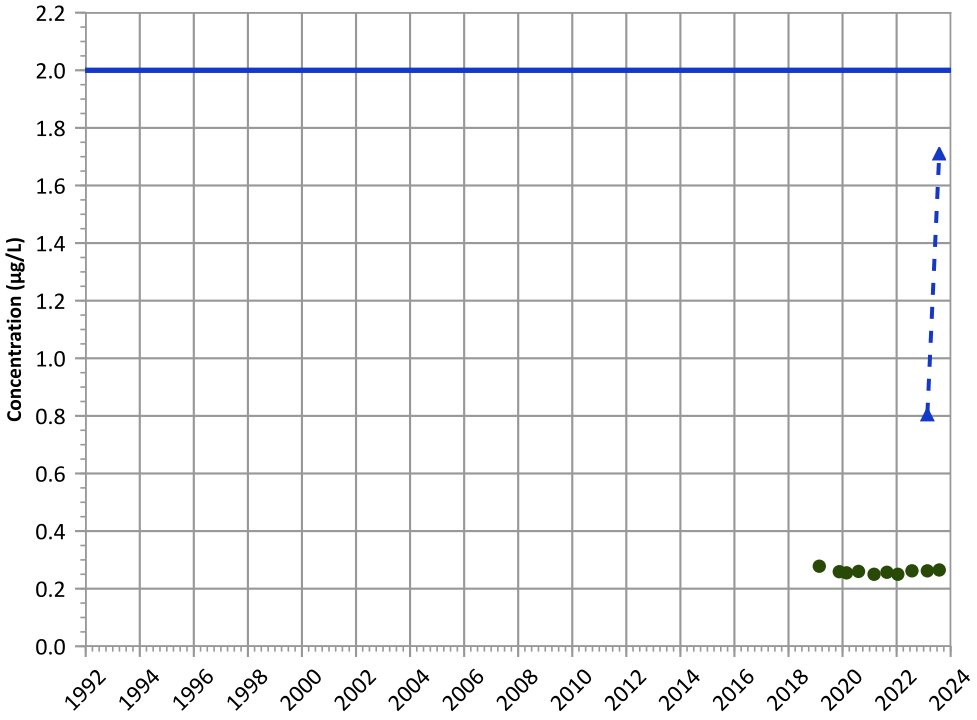
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

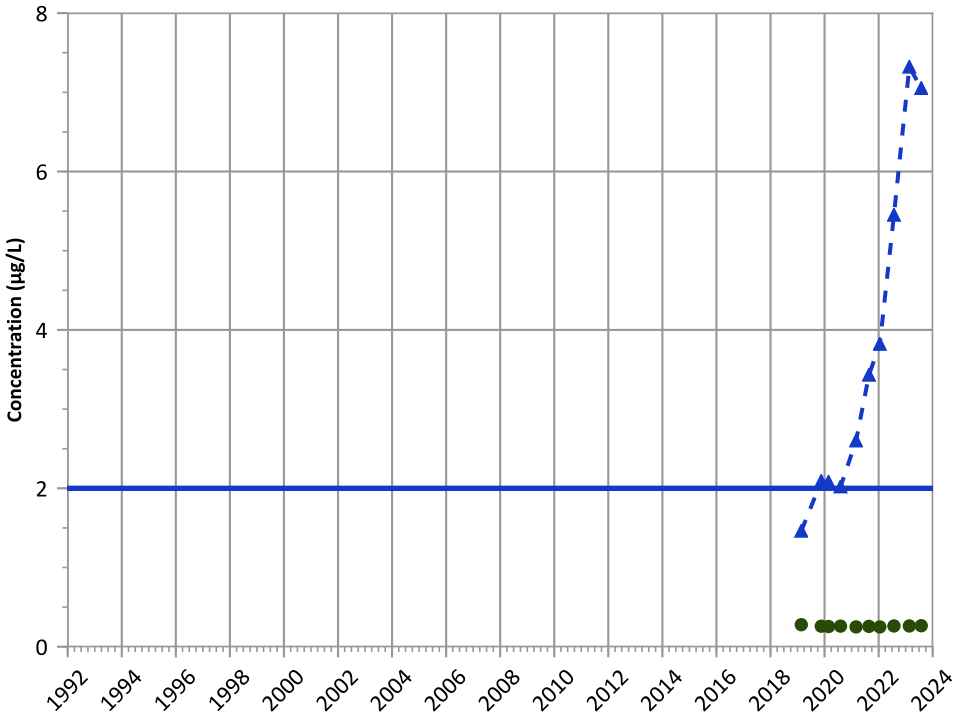


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

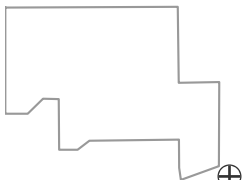
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

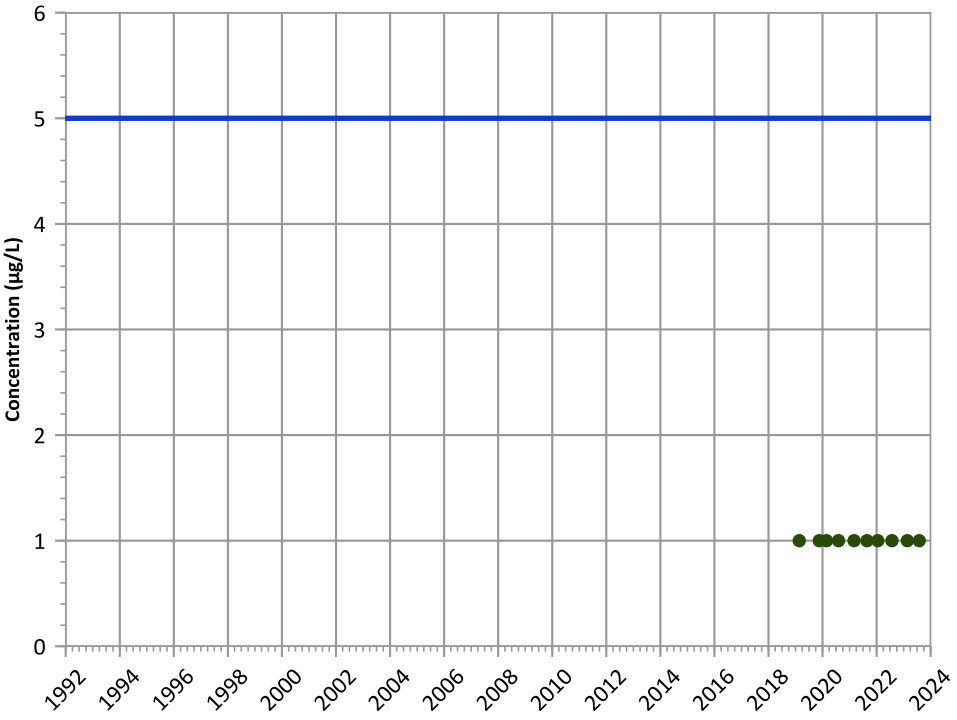
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

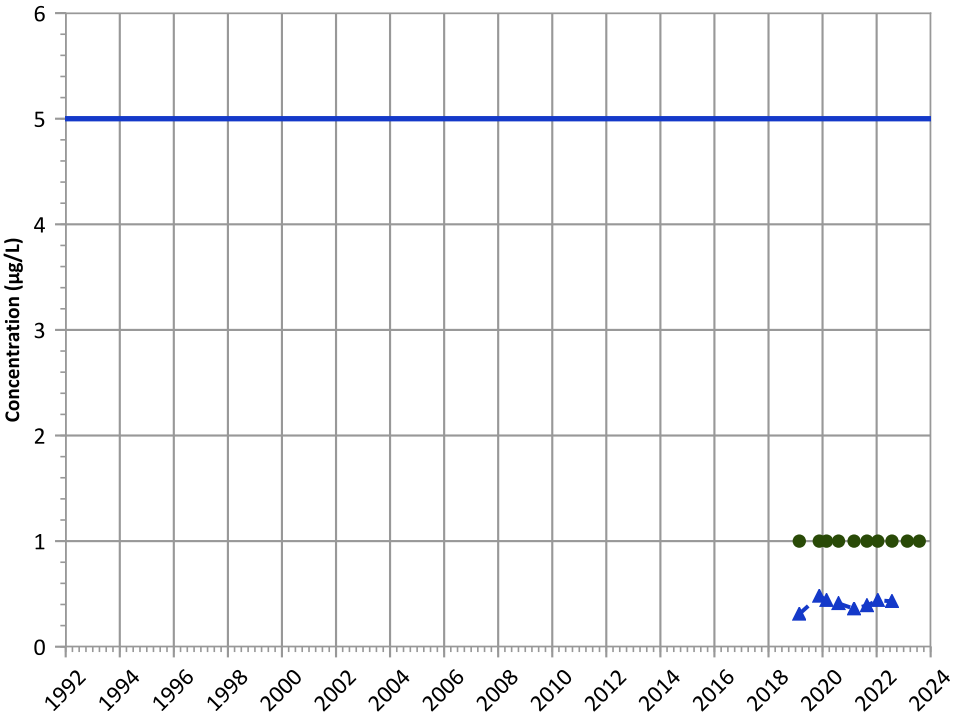


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

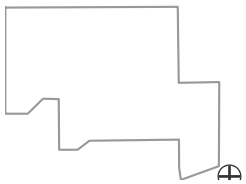
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

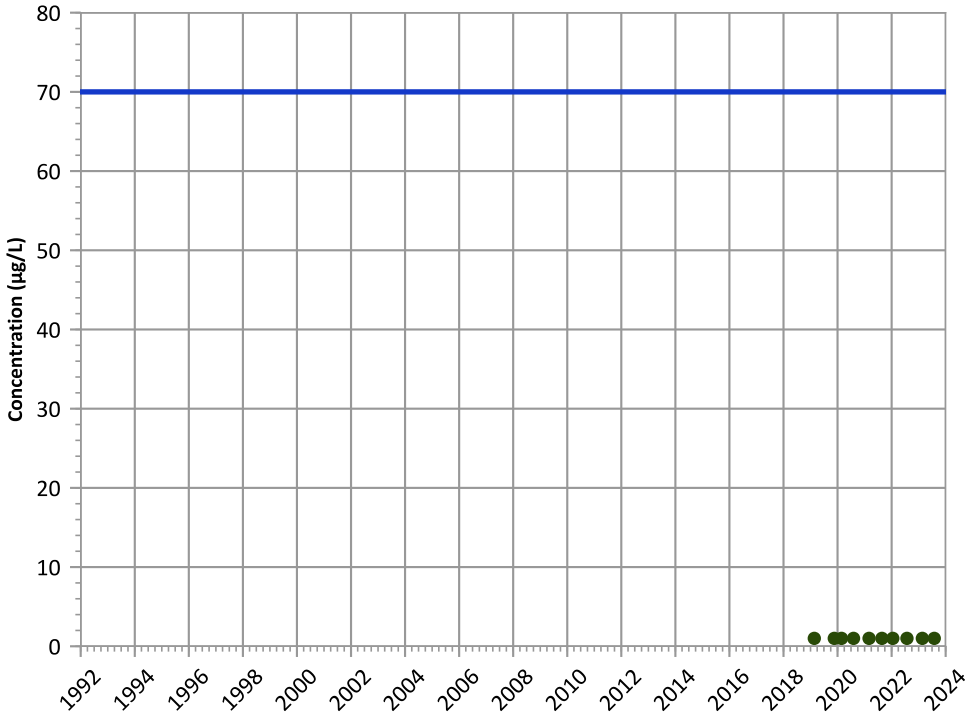
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

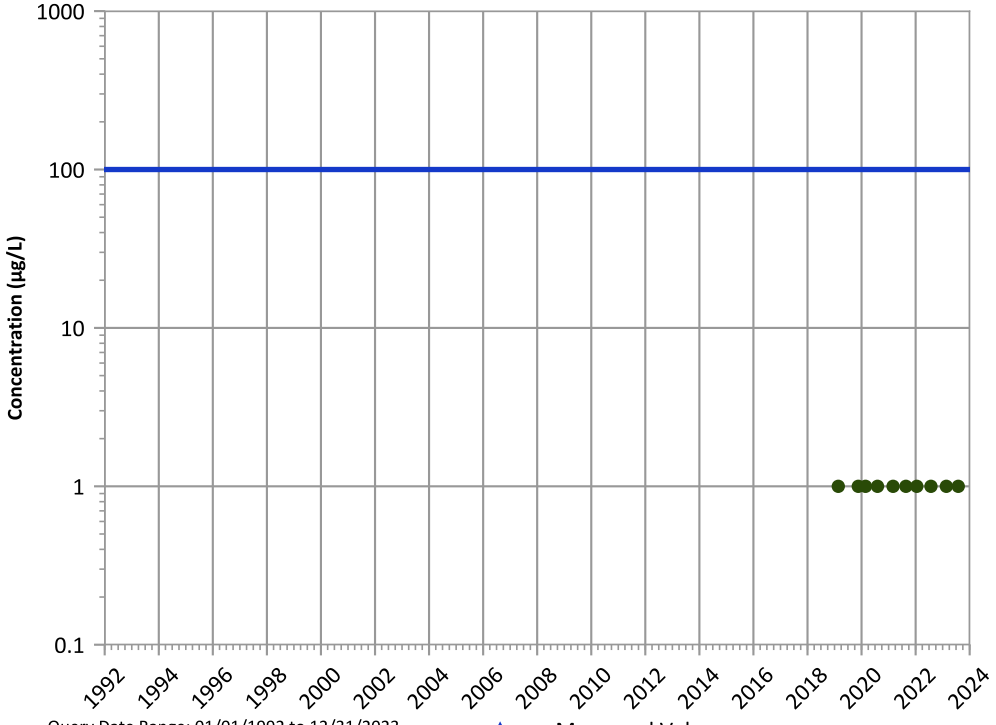


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

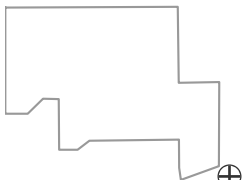
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

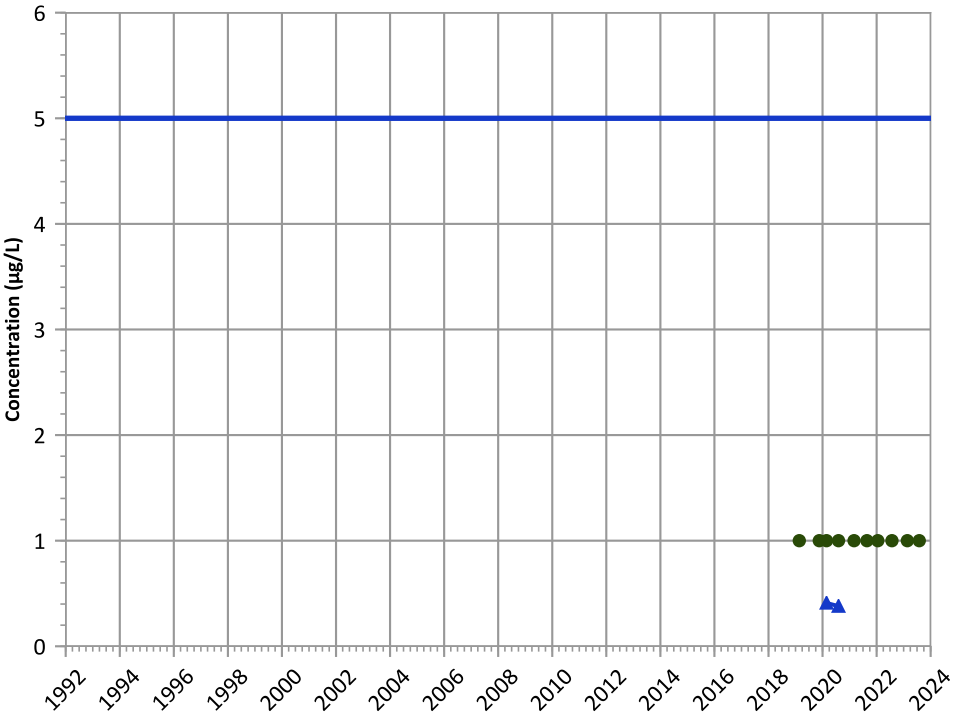
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

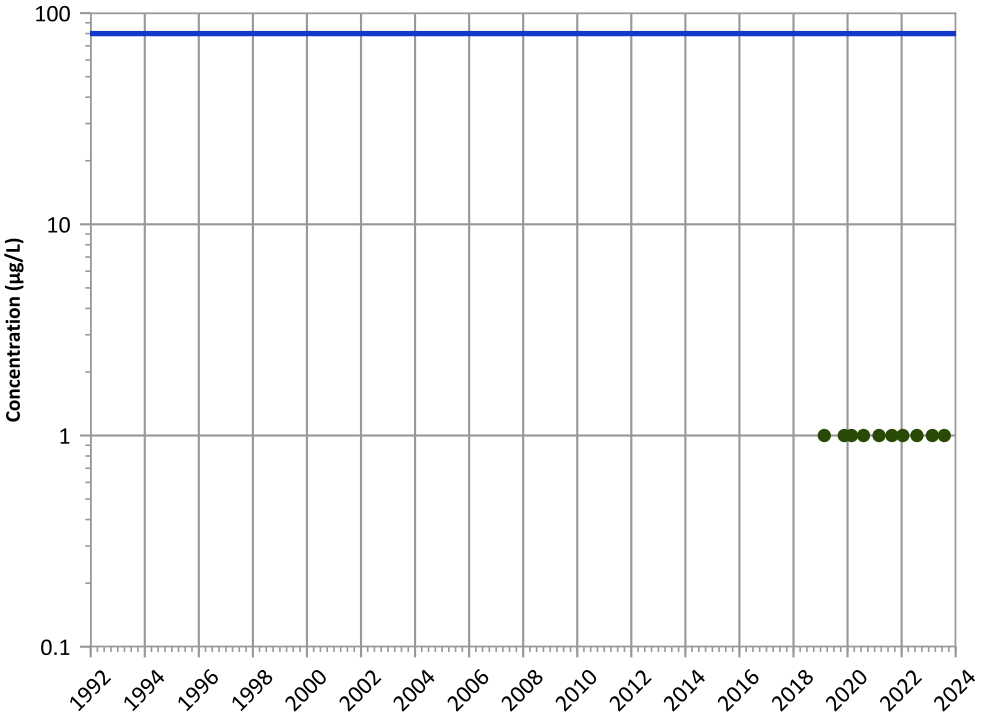


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

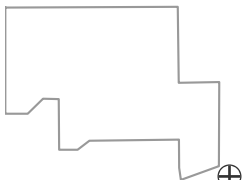
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

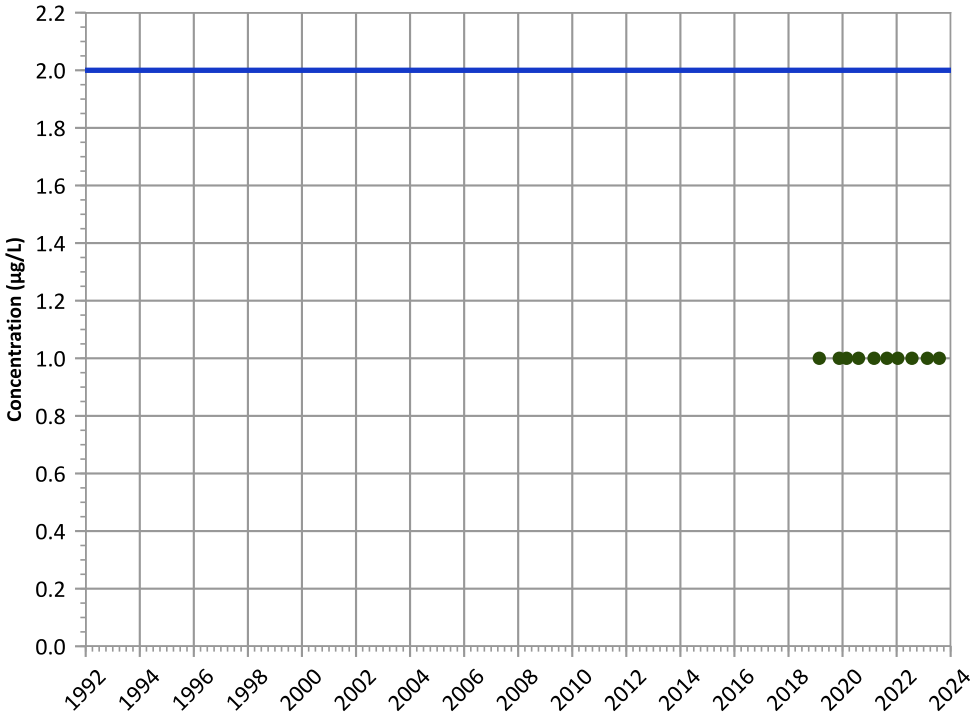
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

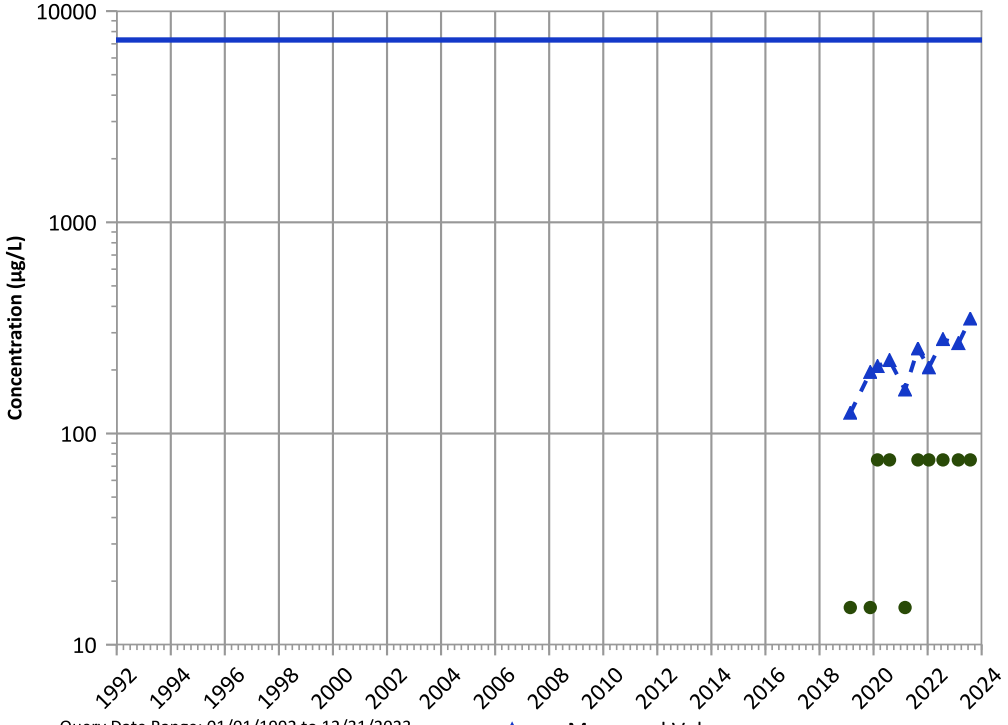


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

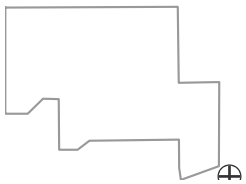
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

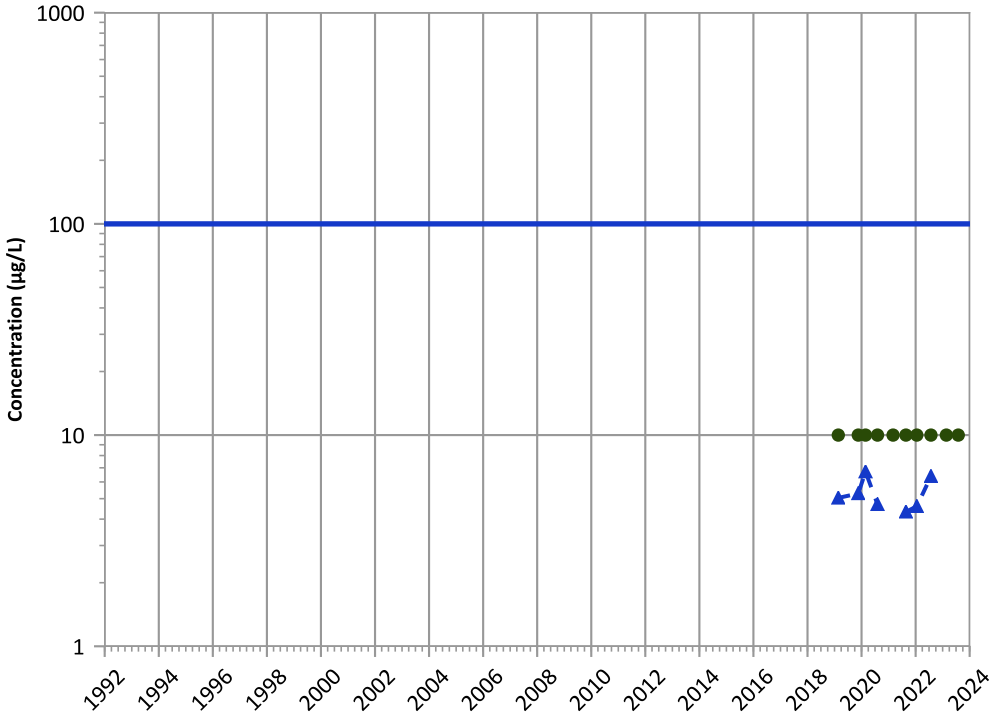
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

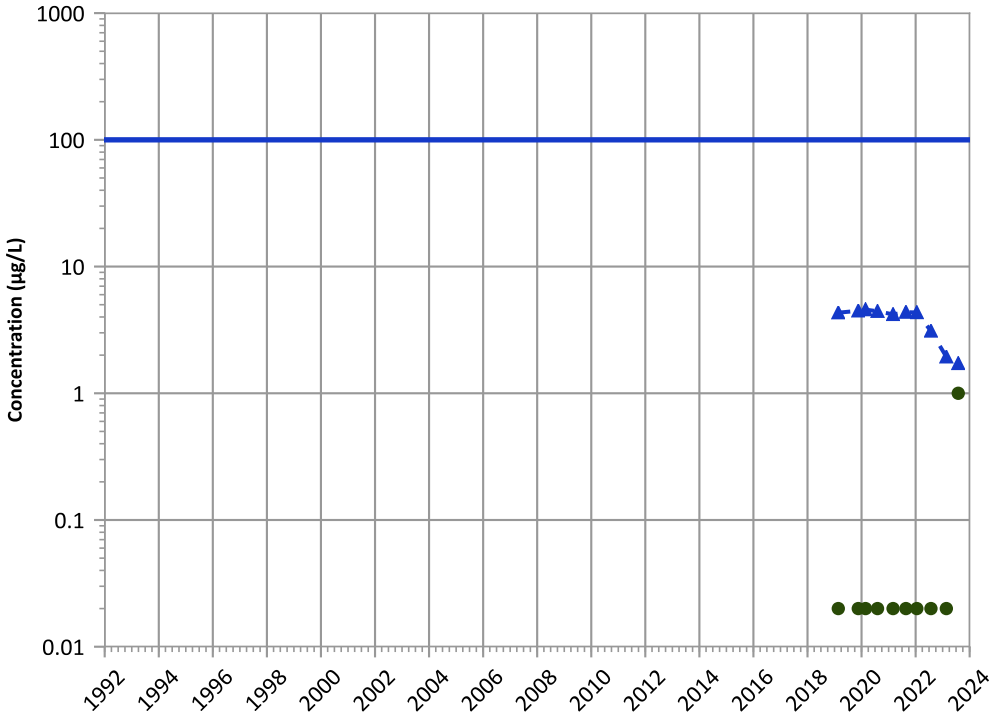


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

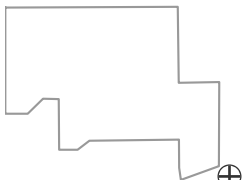
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

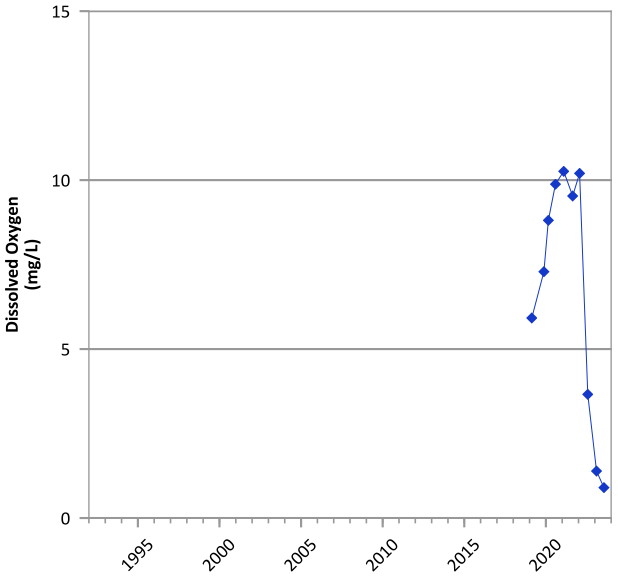
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/21/2019 to 07/31/2023
Analysis Date: 04/01/2024

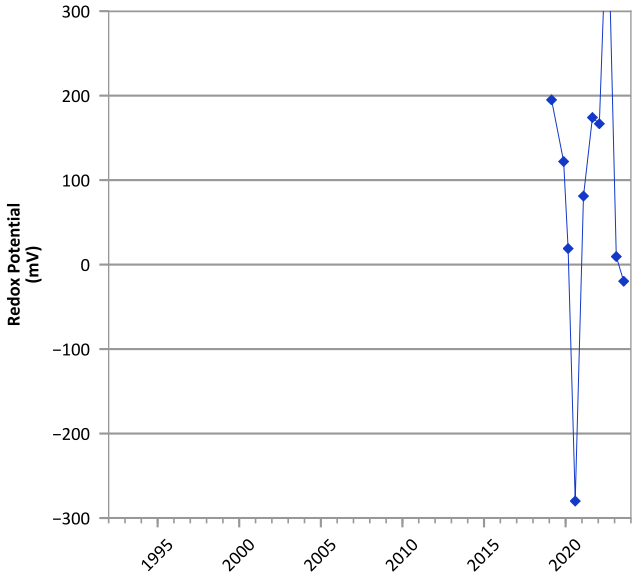
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

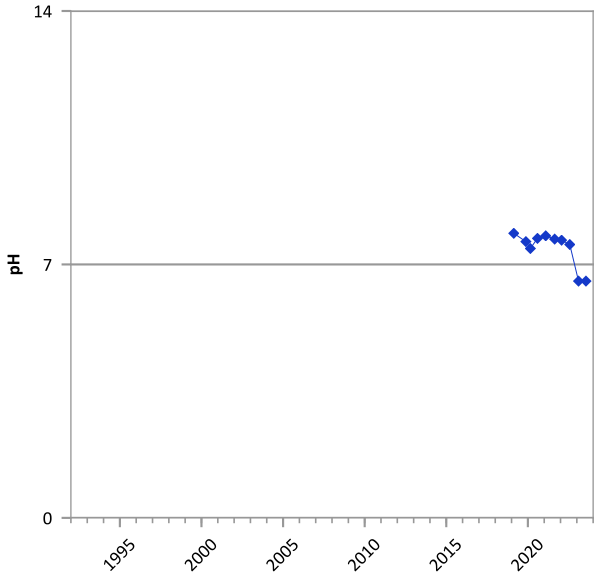
Well Location

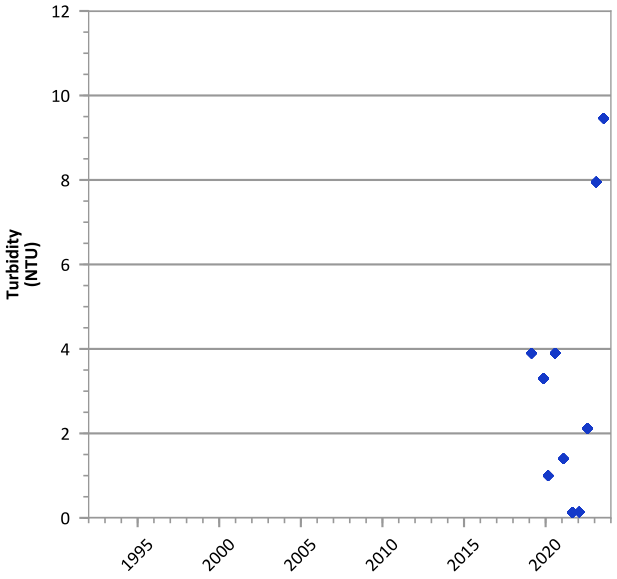


PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

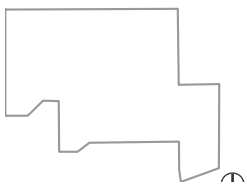






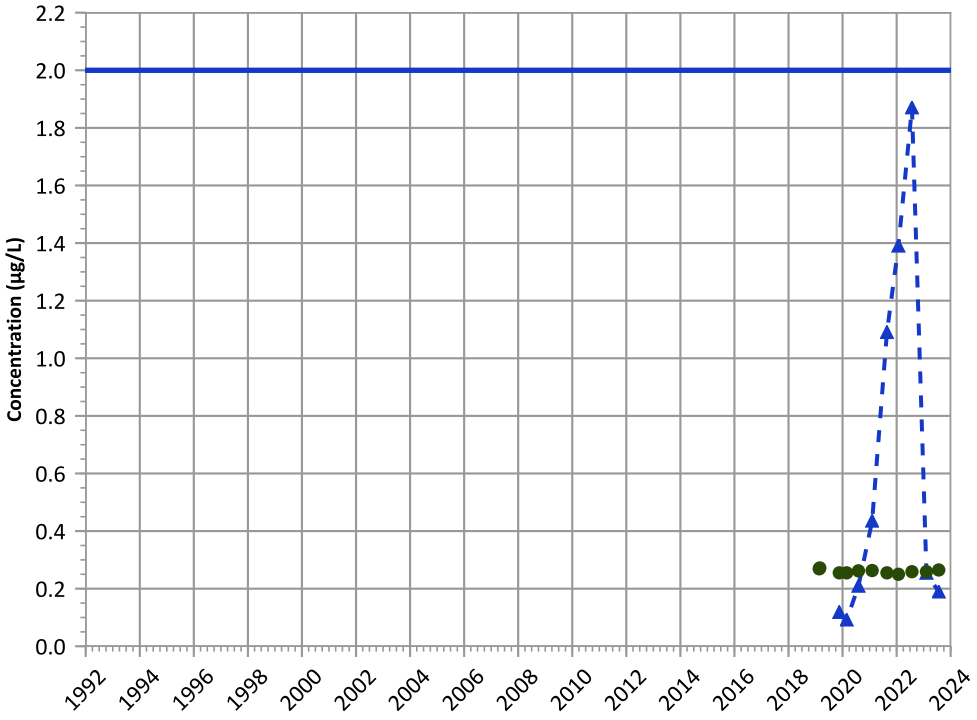


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

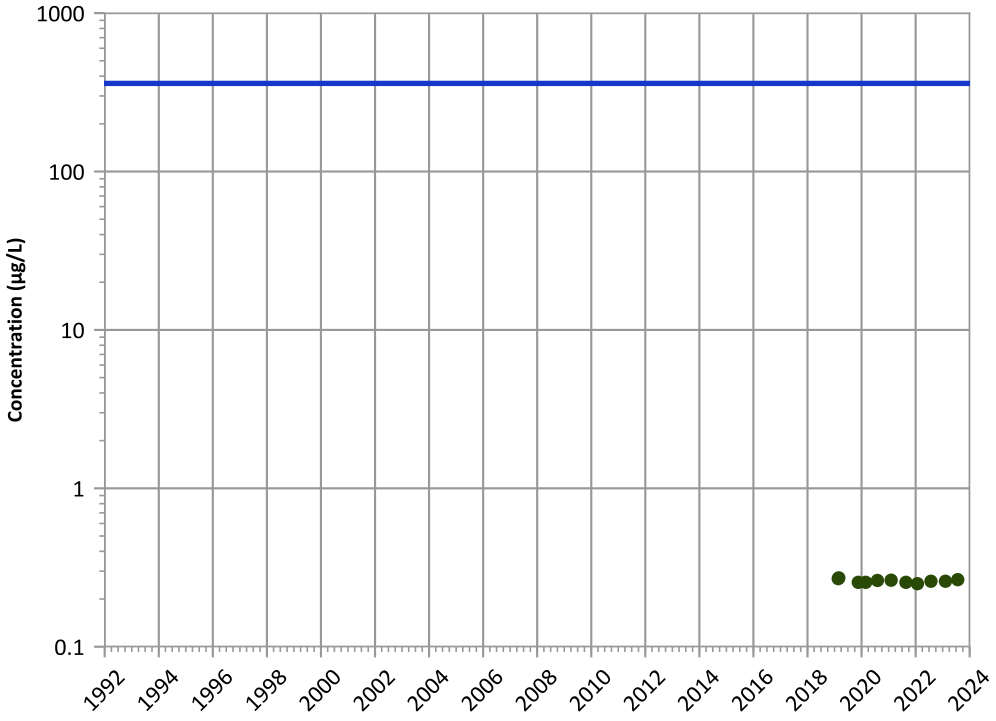


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

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



Concentration Trend

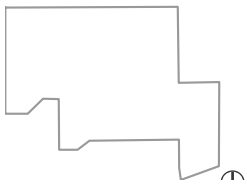
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

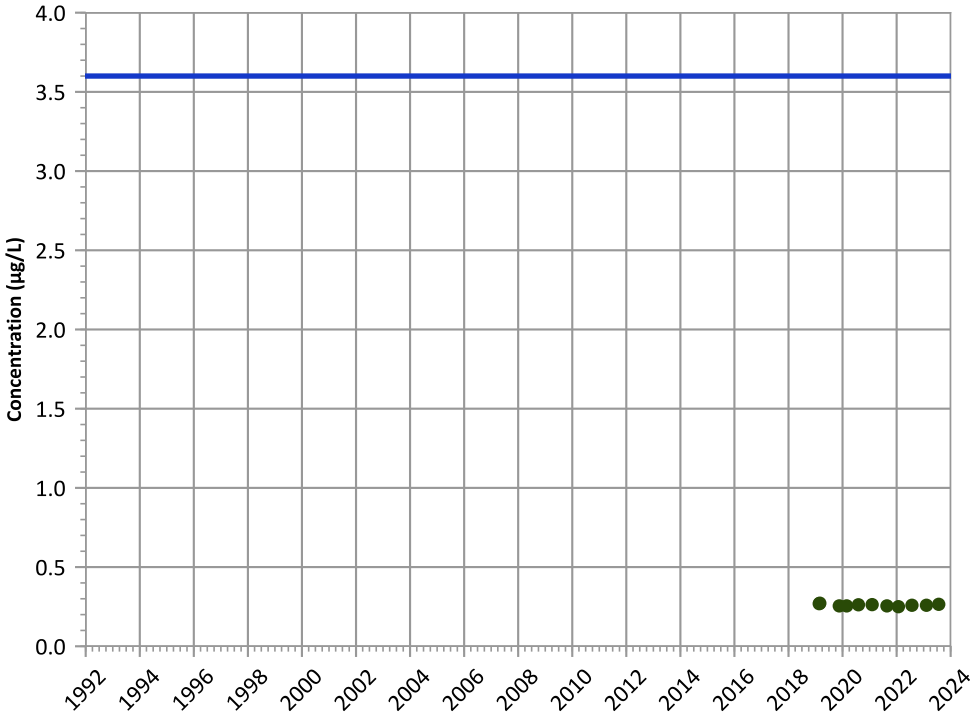
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

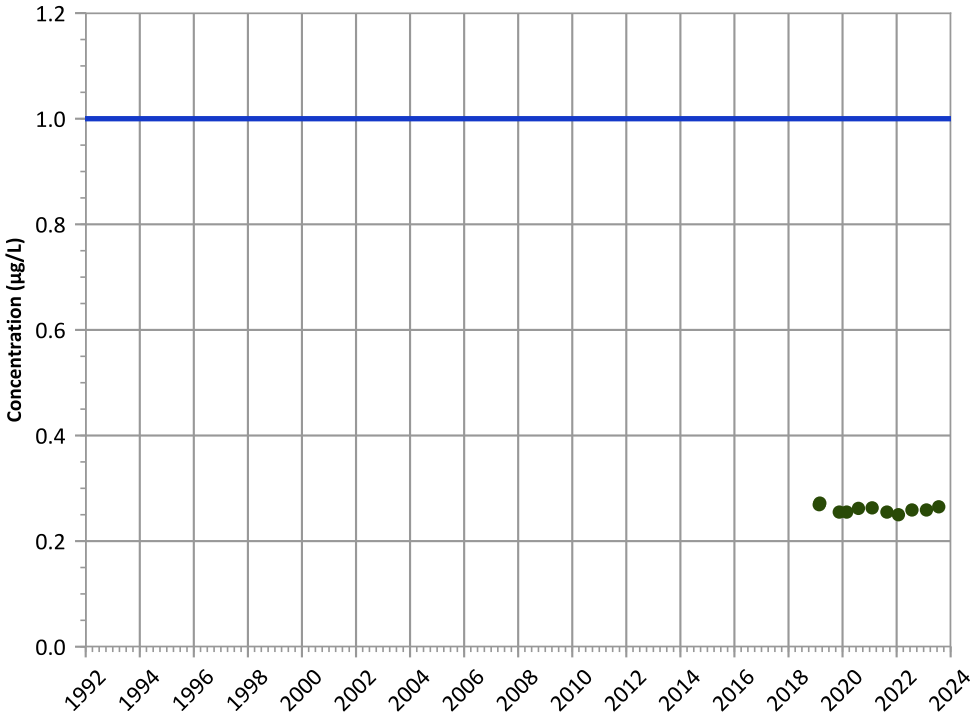


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

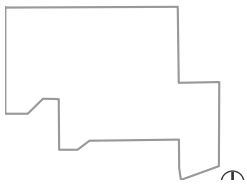
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

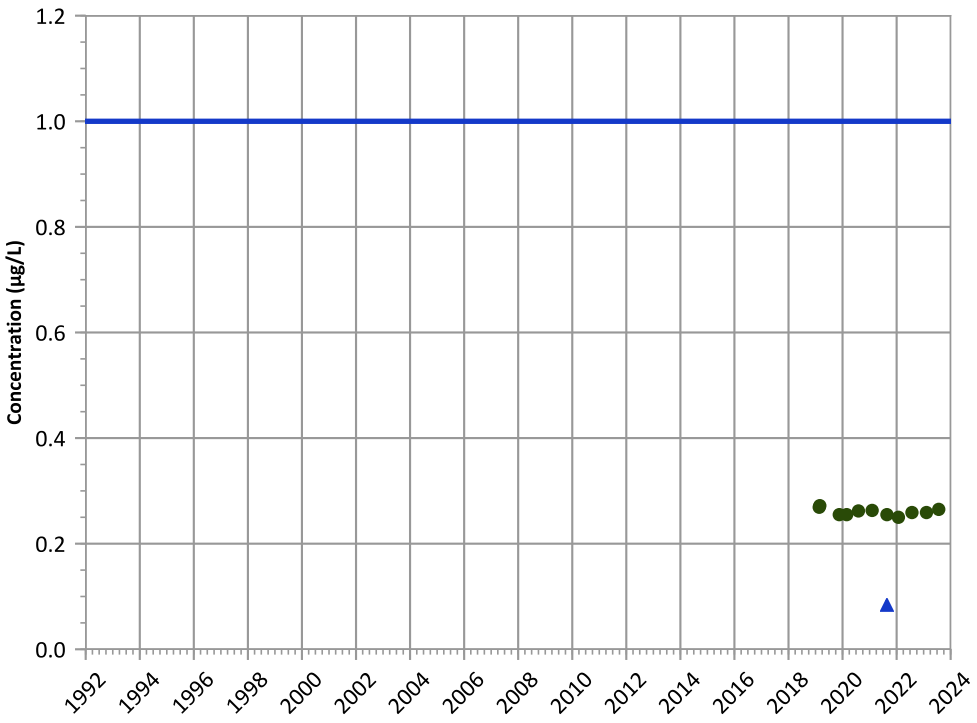
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

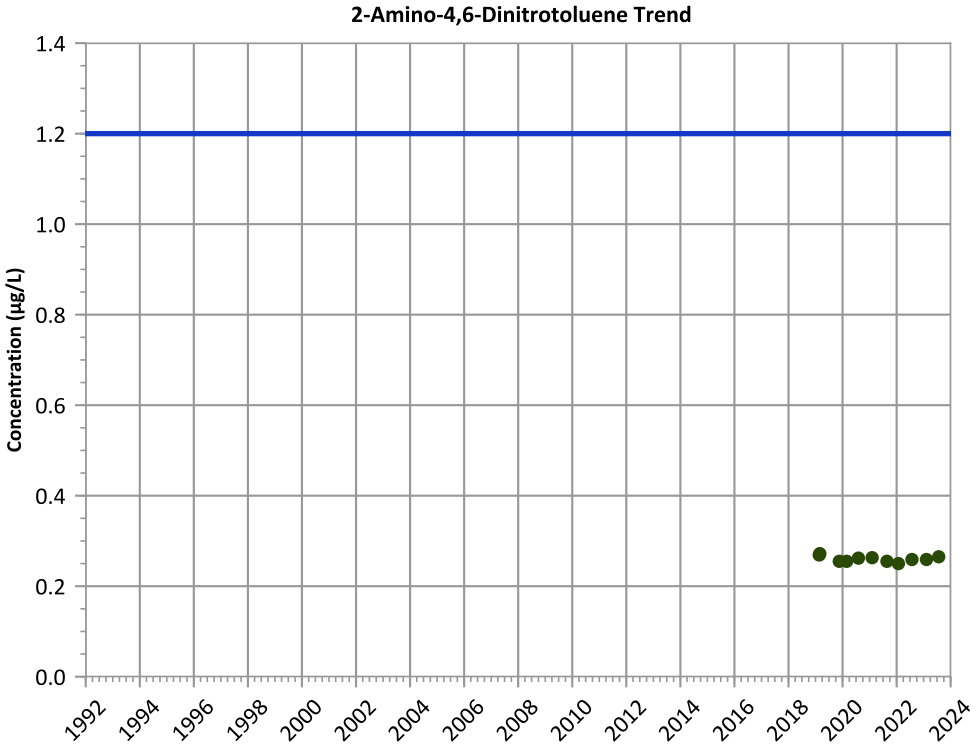


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

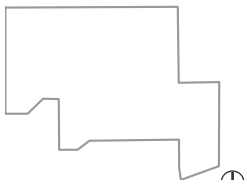
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

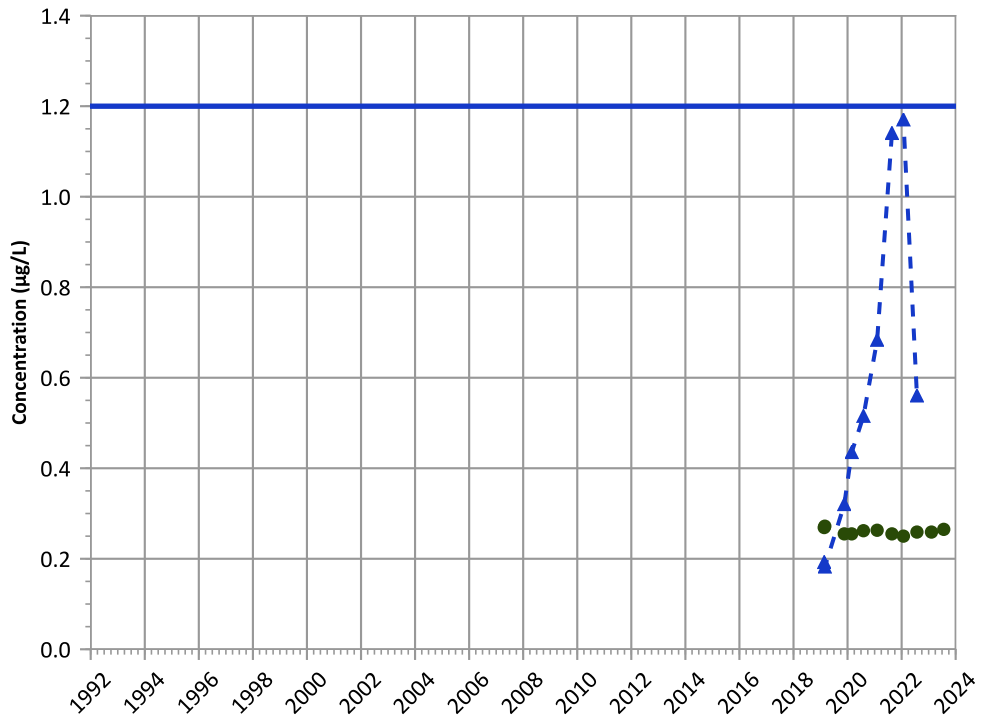
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

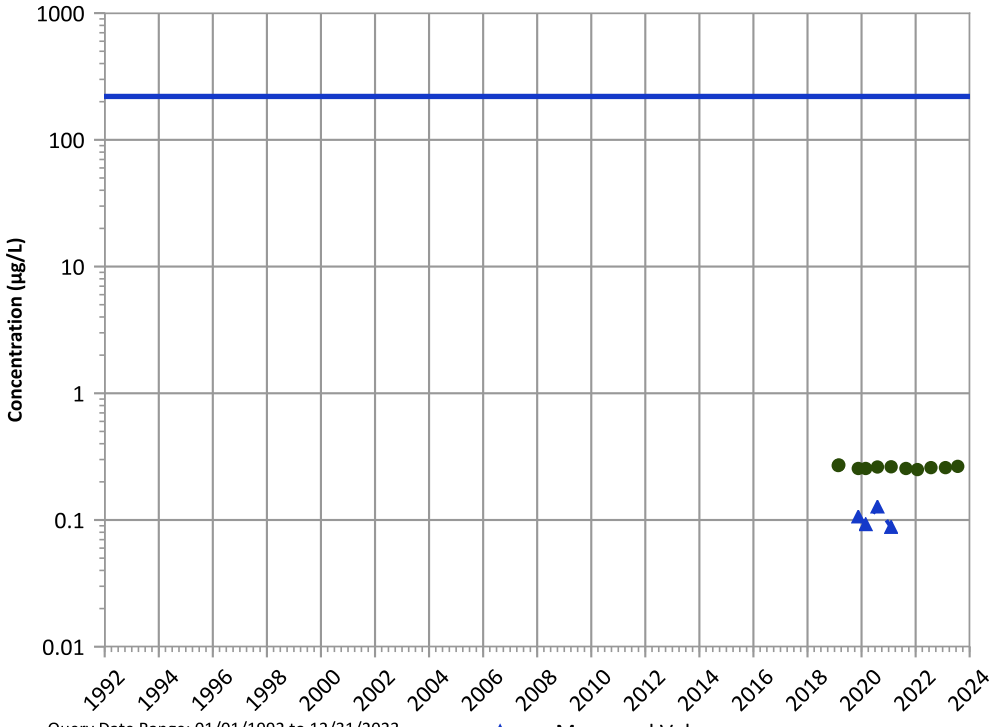


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

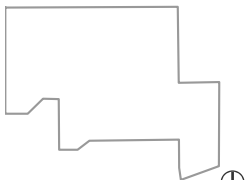
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

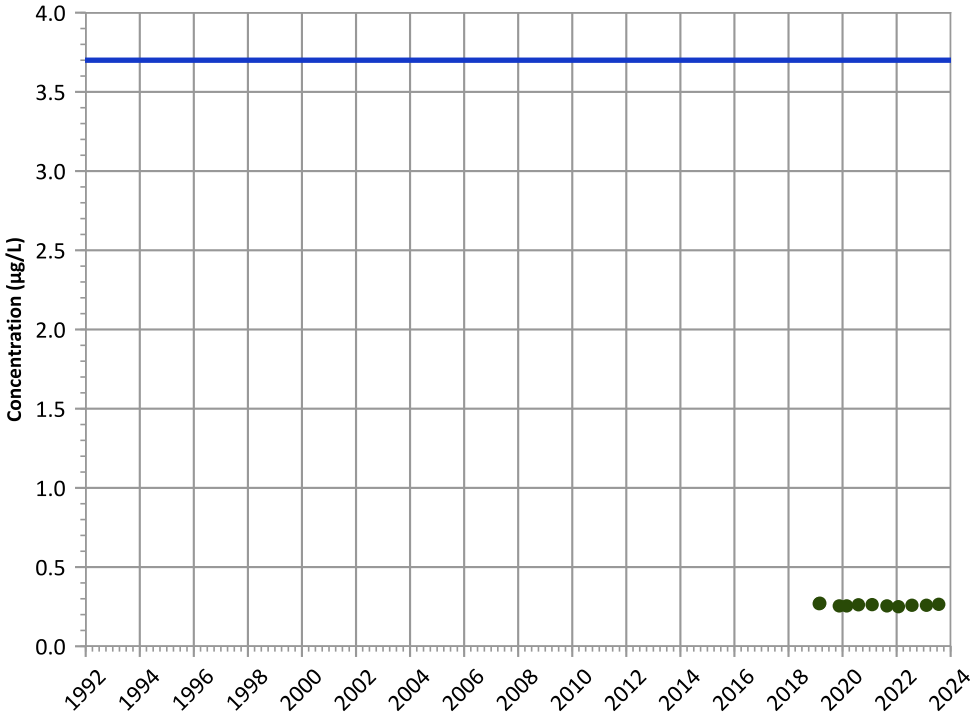
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

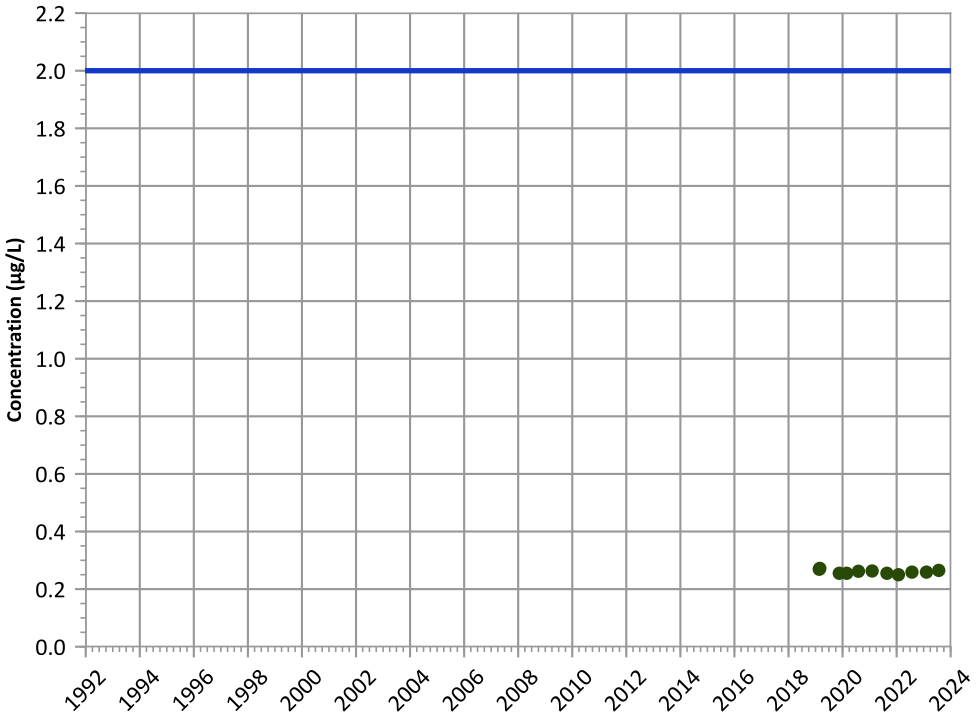


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

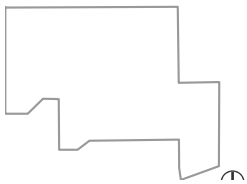
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

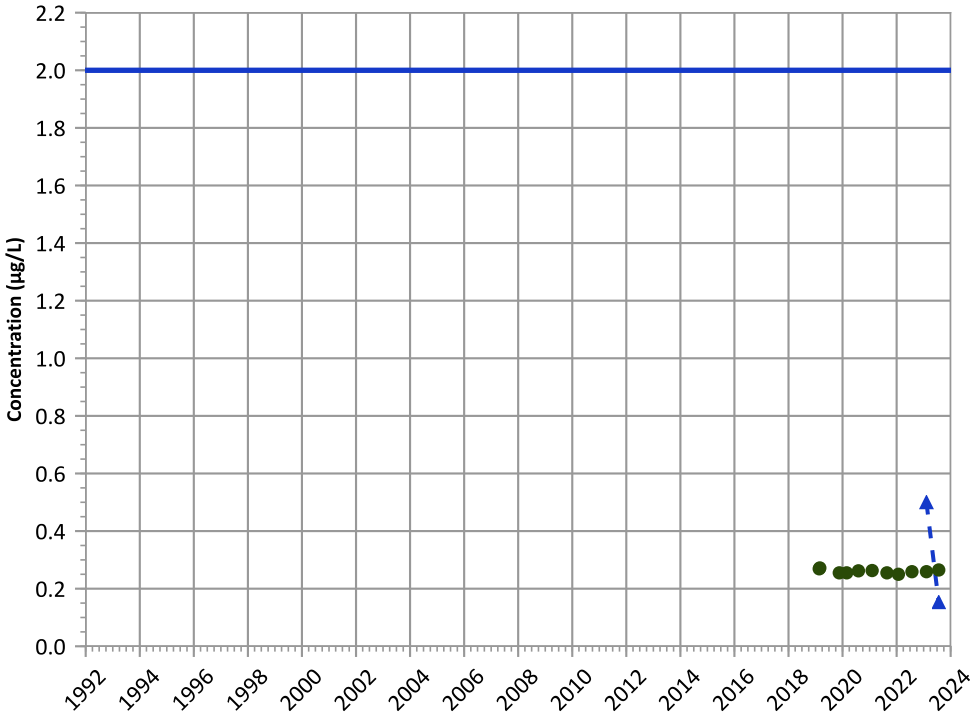
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

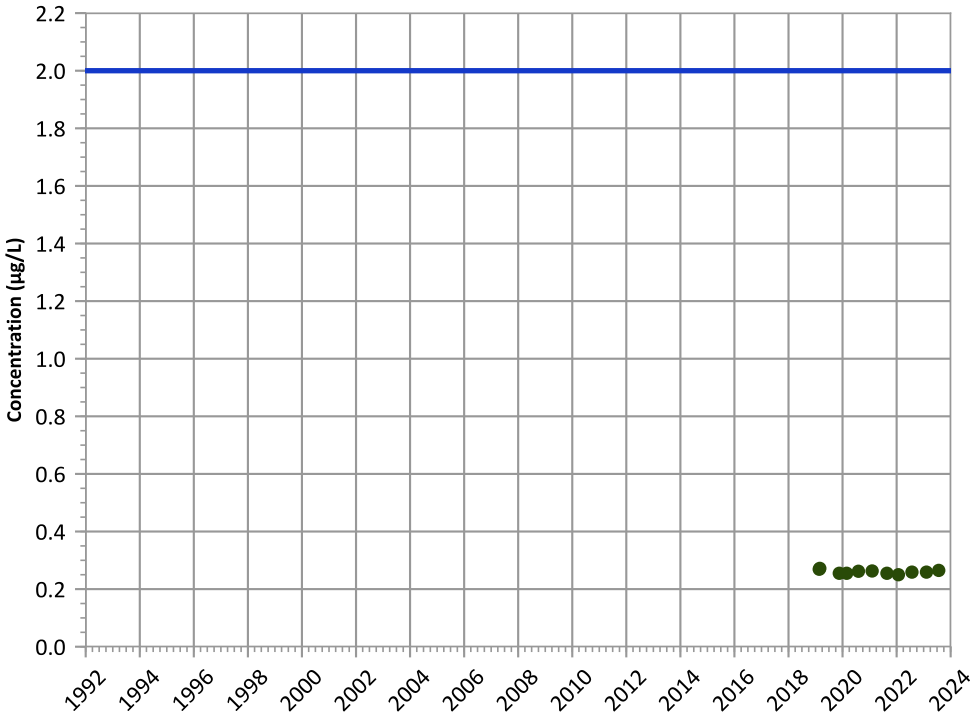


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

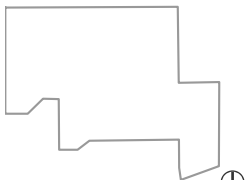
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

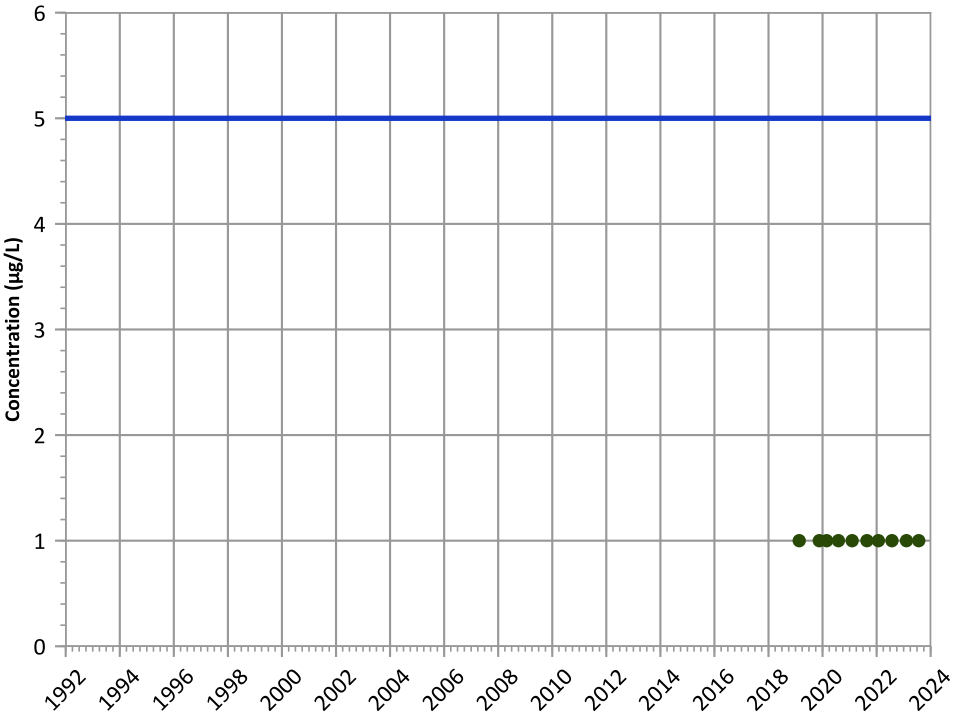
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

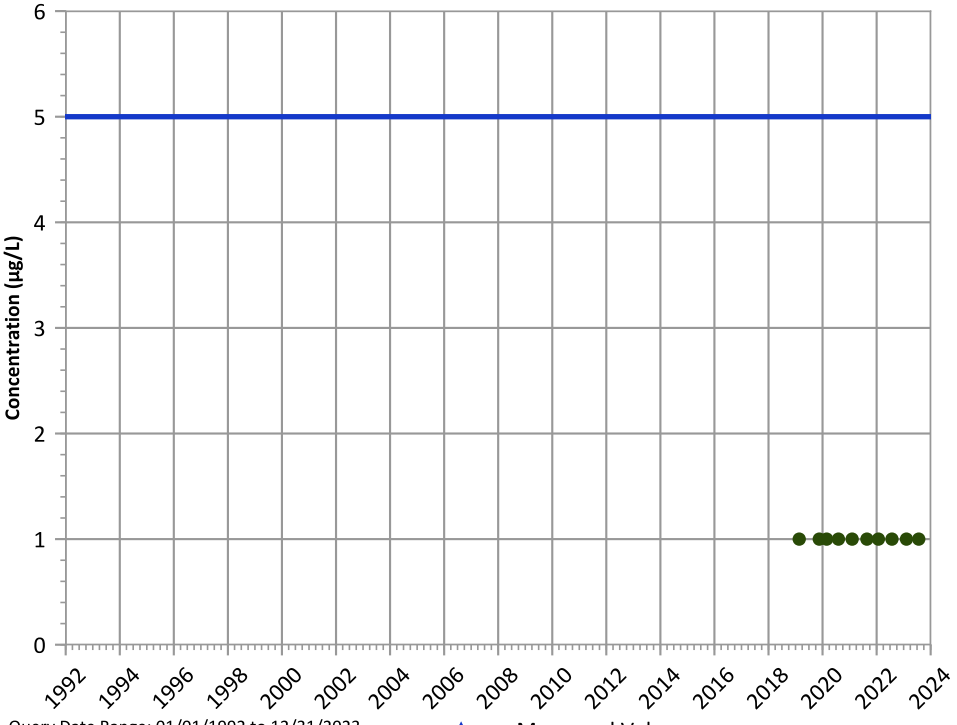


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

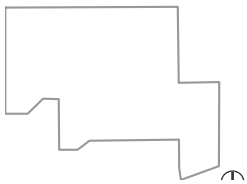
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

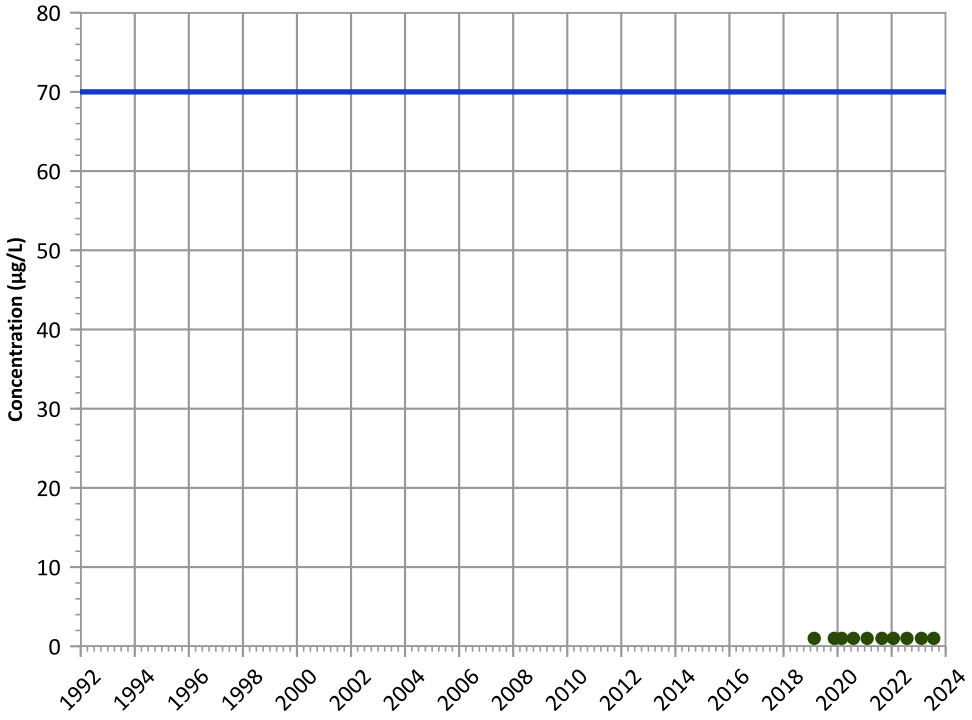
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

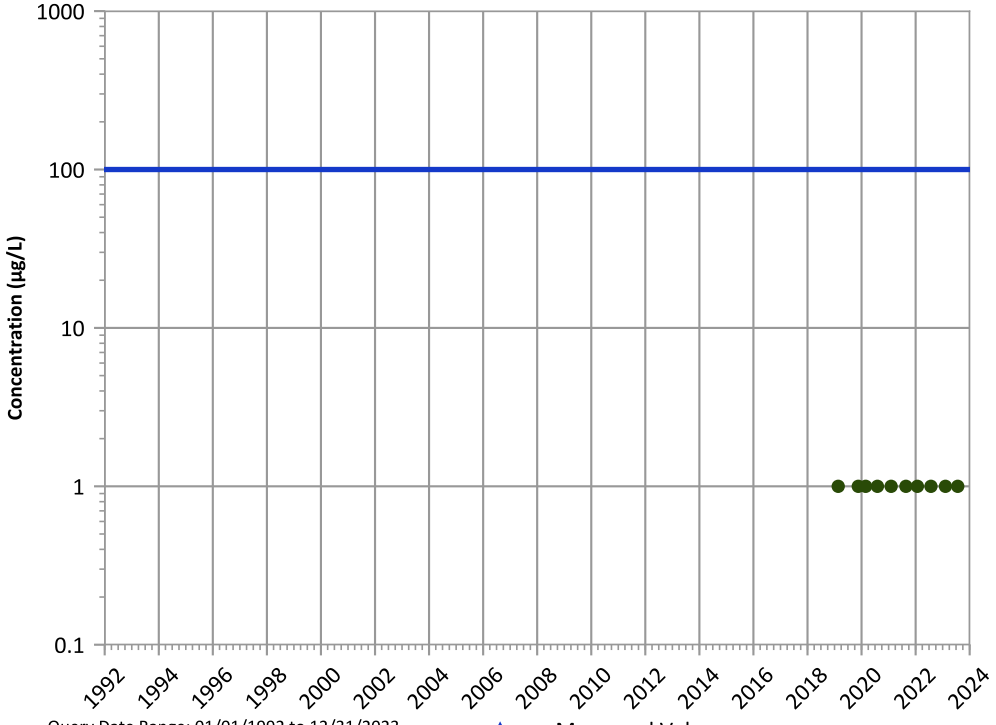


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

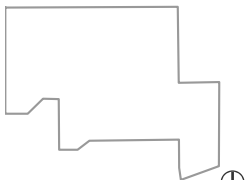
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

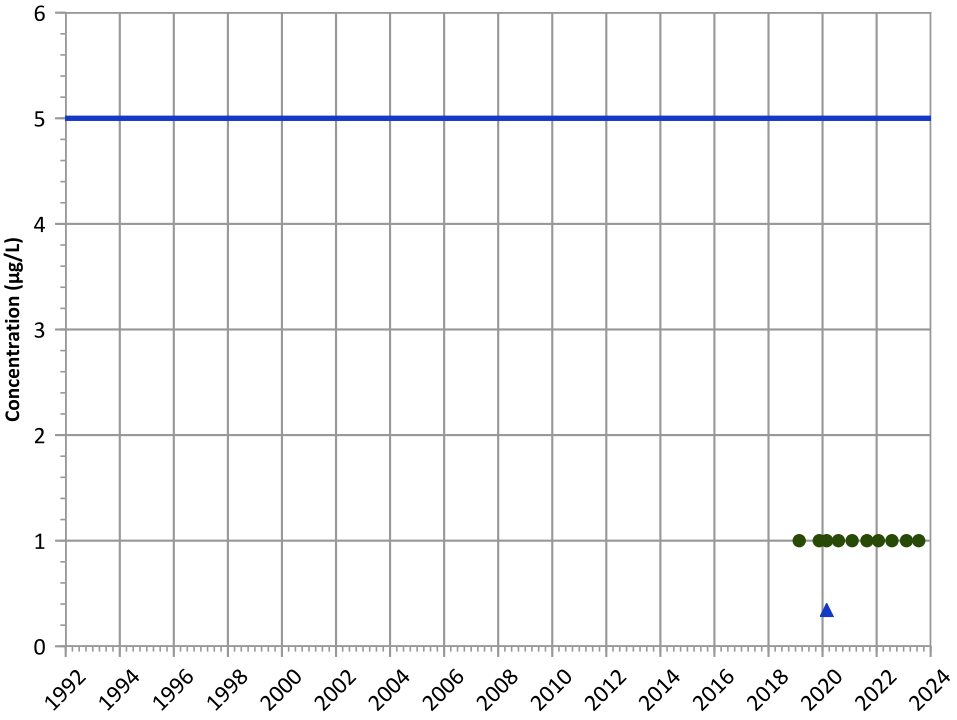
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

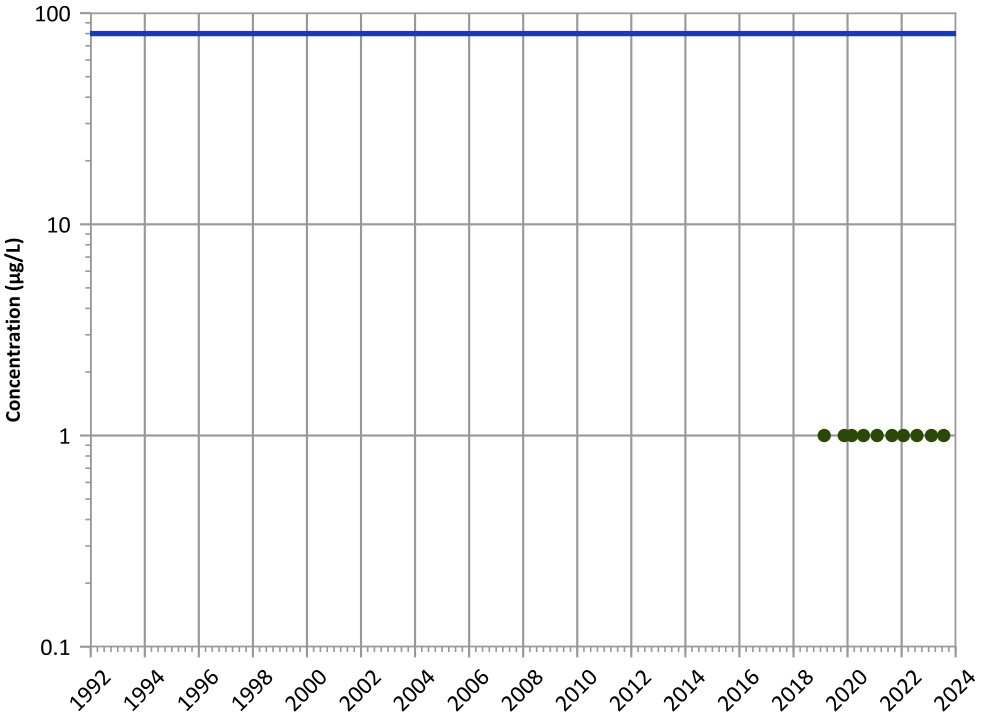


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

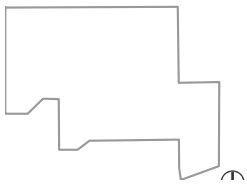
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

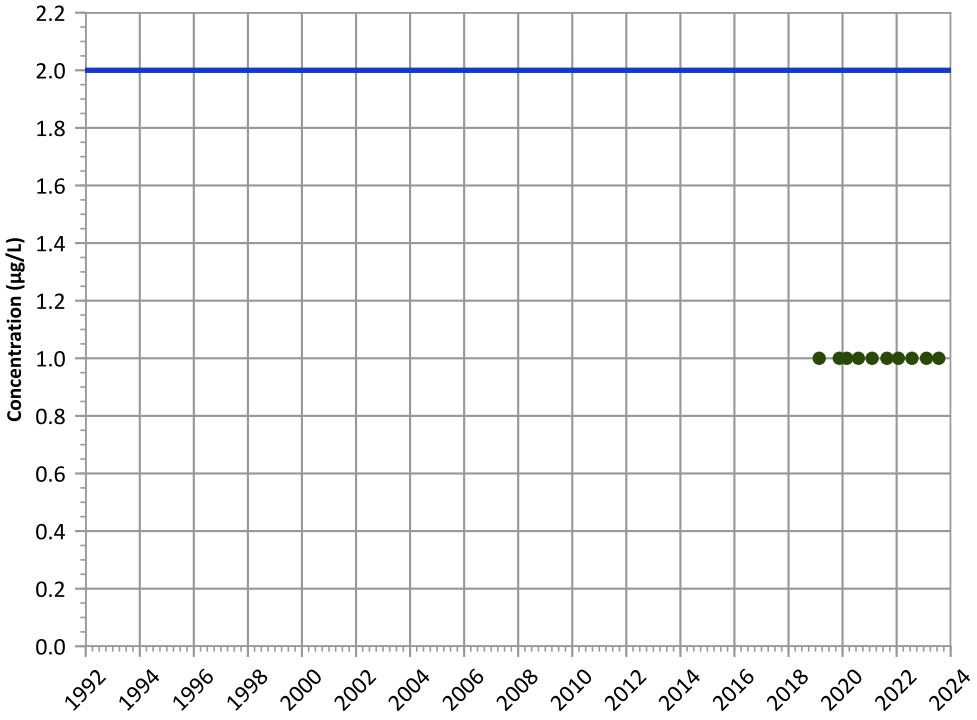
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

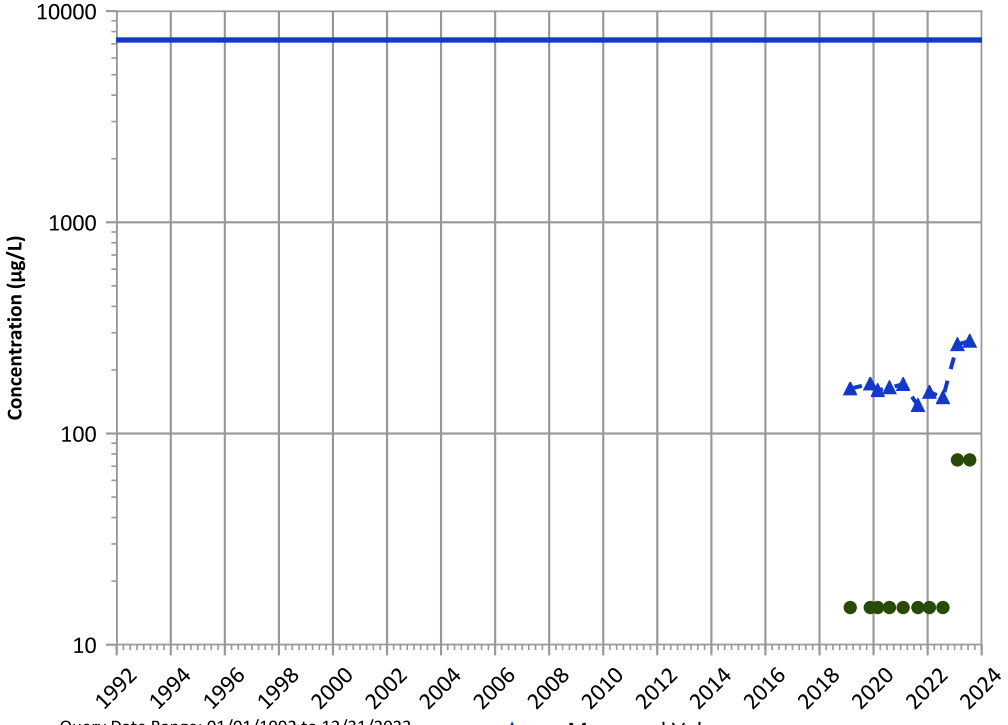


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

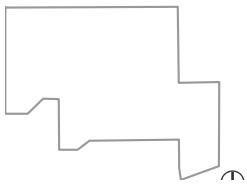
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

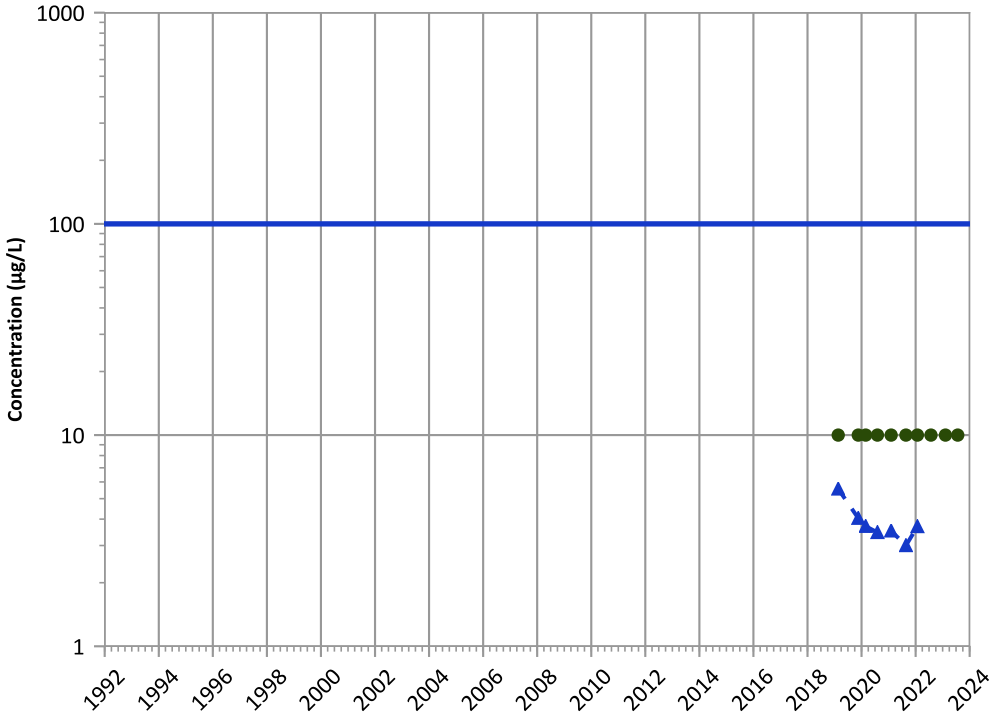
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

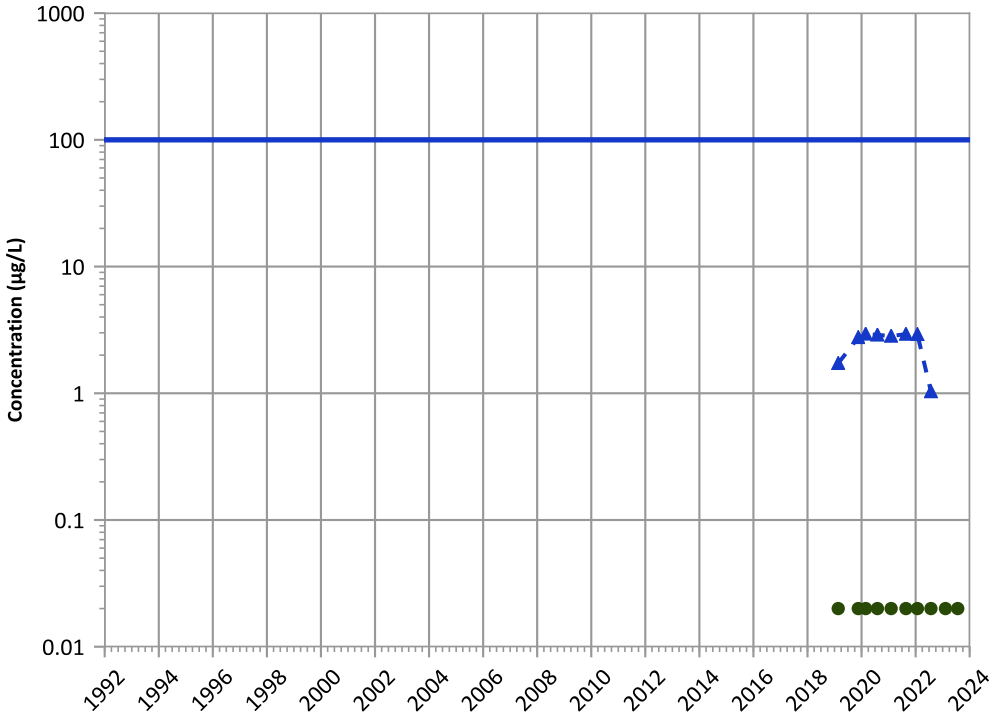


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

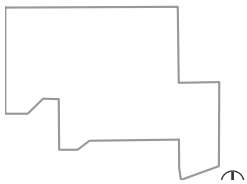
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

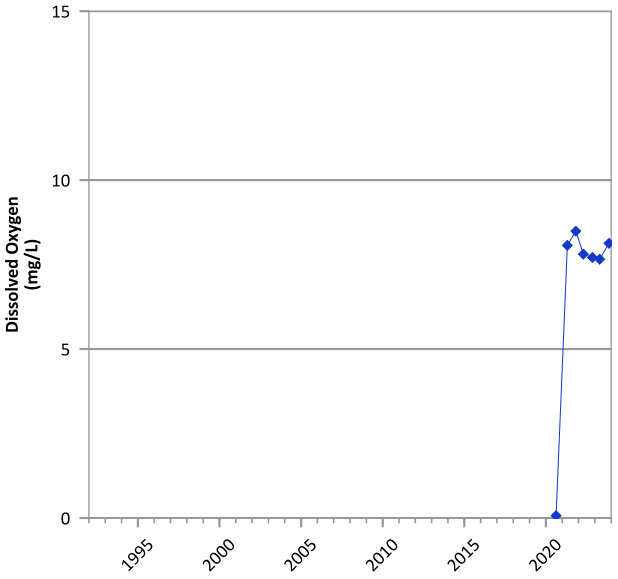
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/20/2019 to 07/24/2023
Analysis Date: 04/01/2024

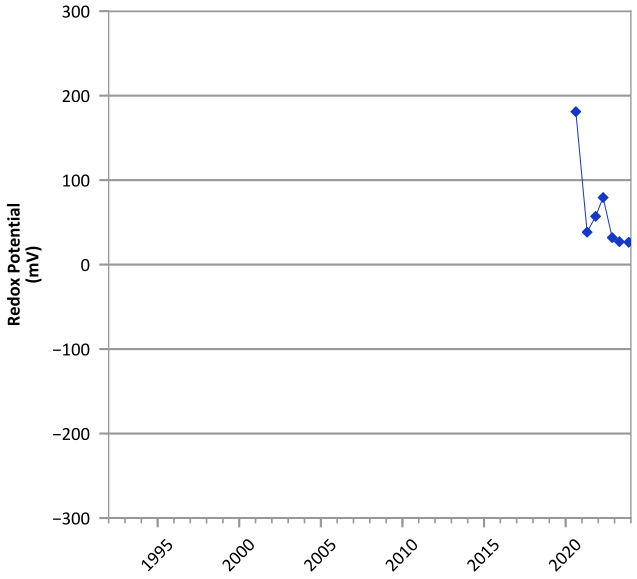
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

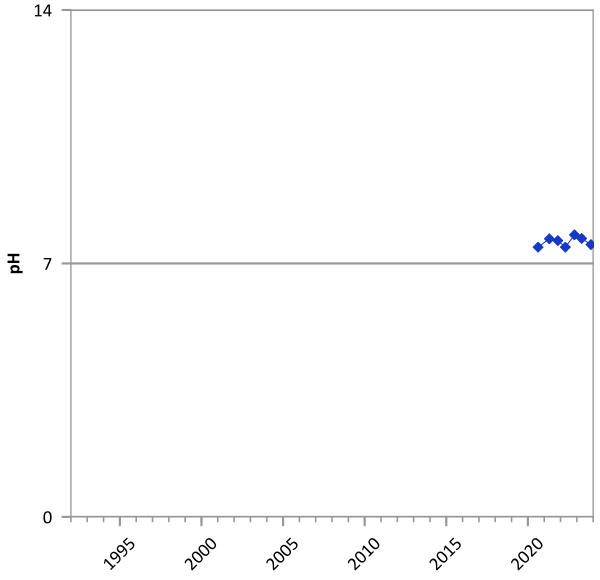
Well Location

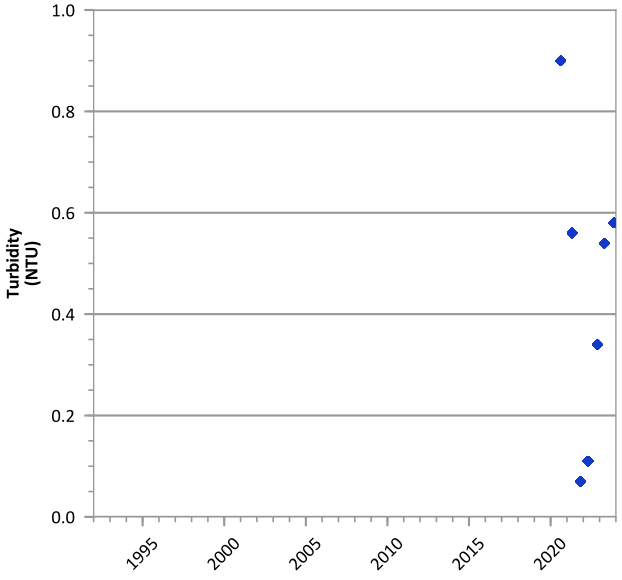


PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

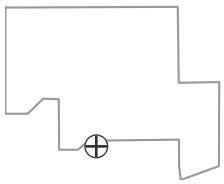






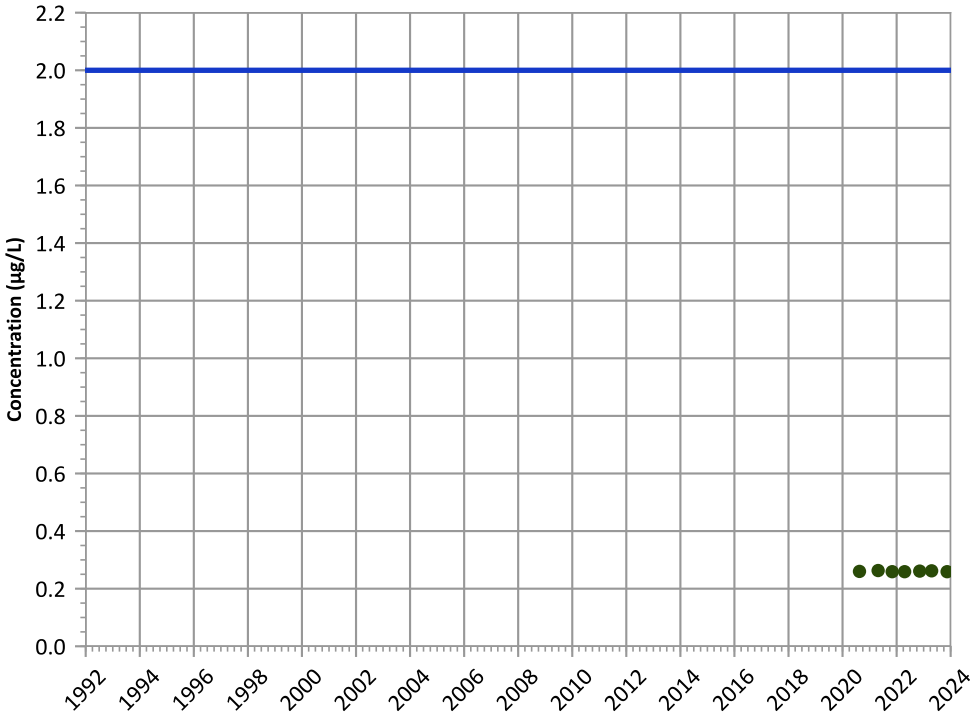


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

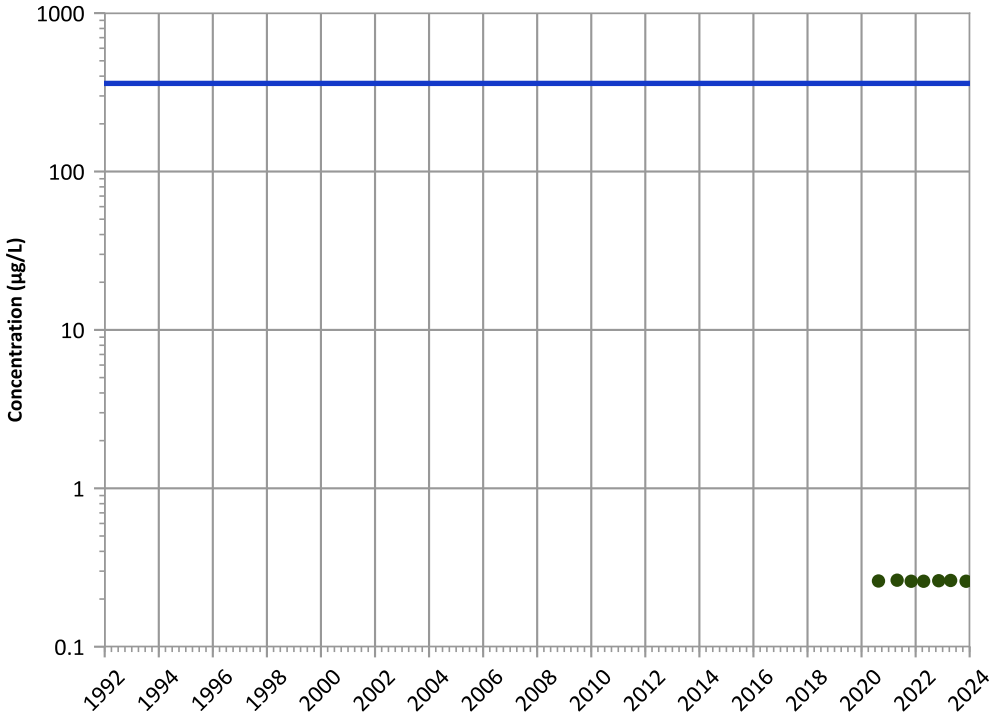


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



Concentration Trend

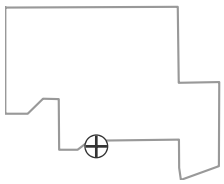
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

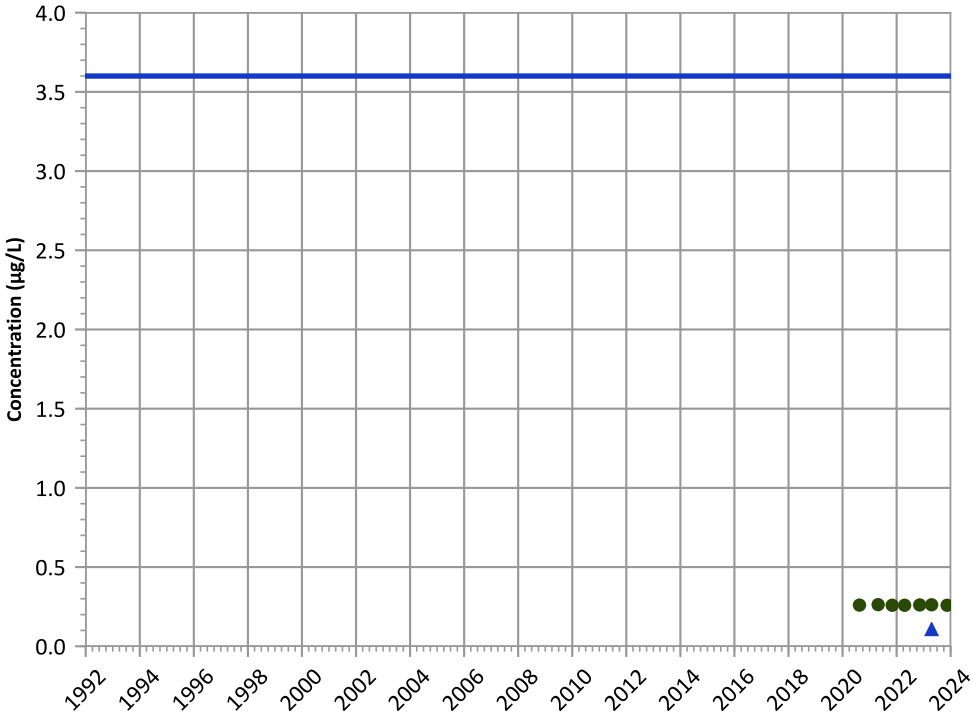
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

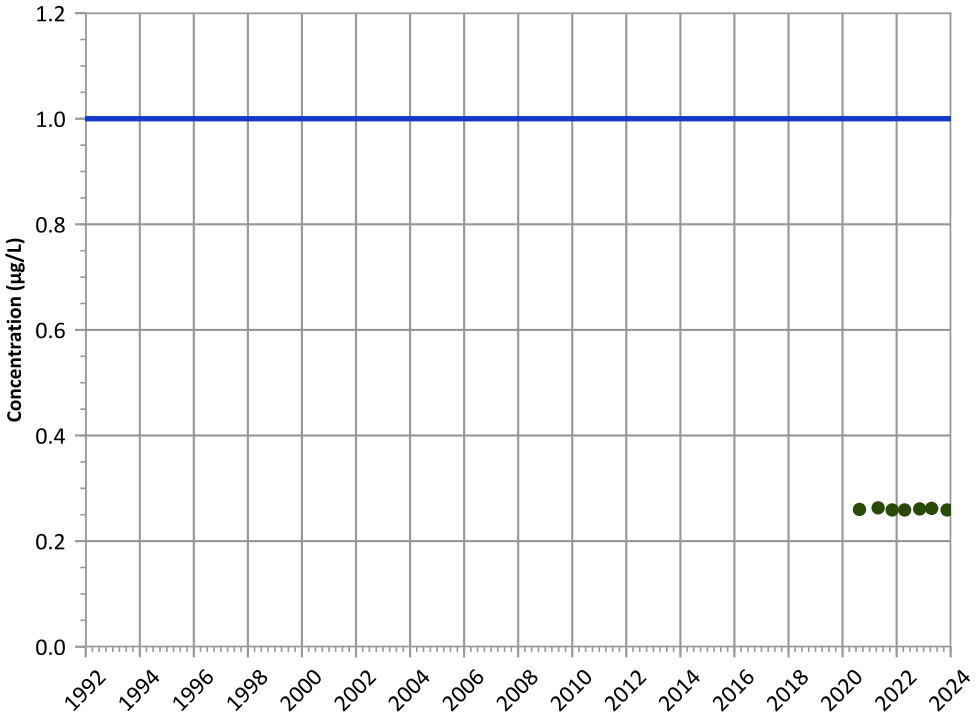


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

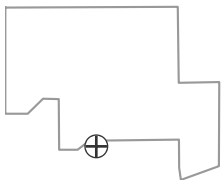
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

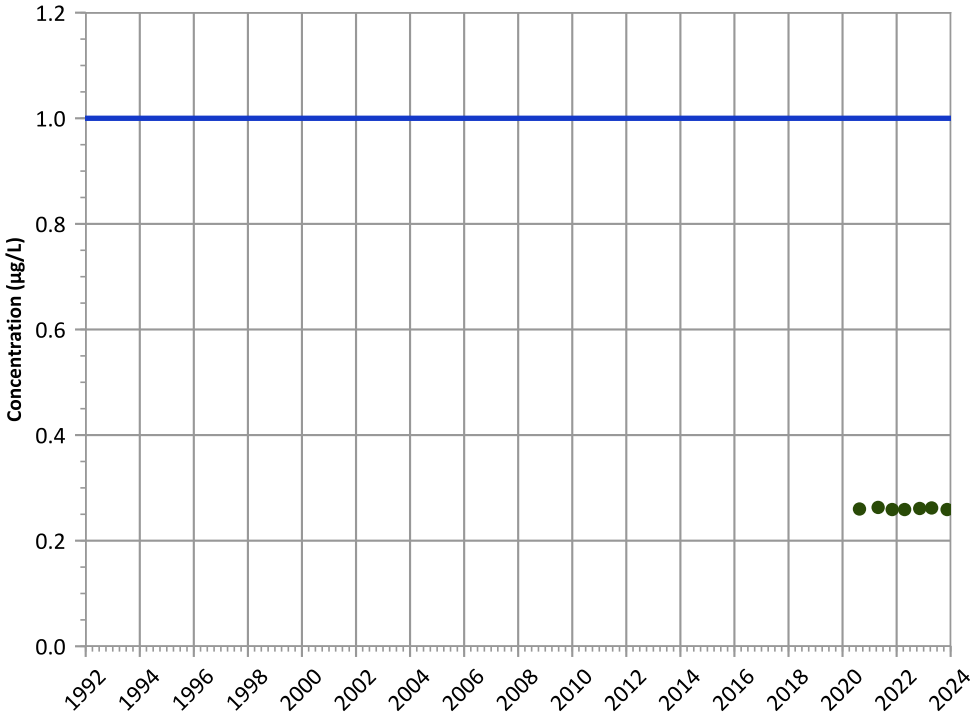
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

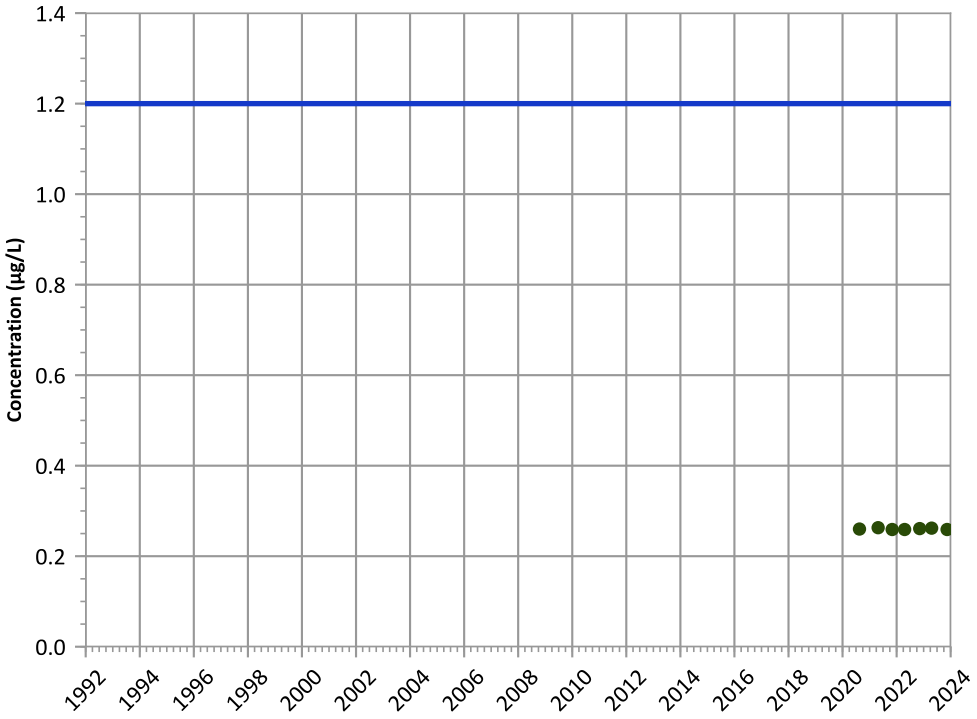


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

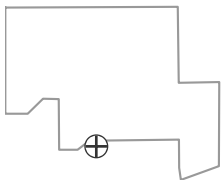
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

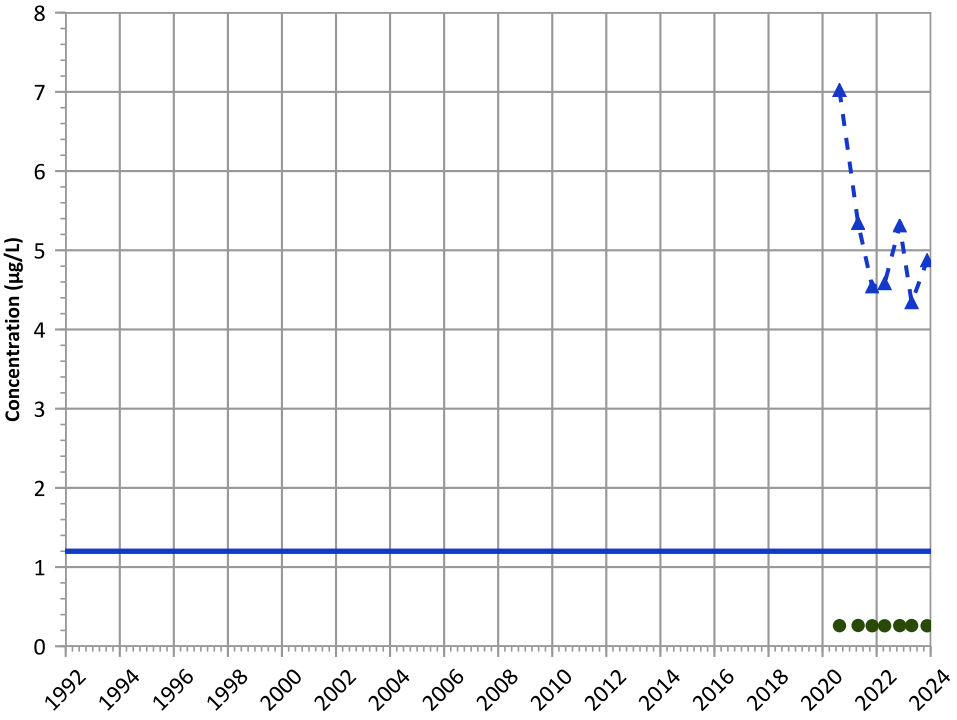
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

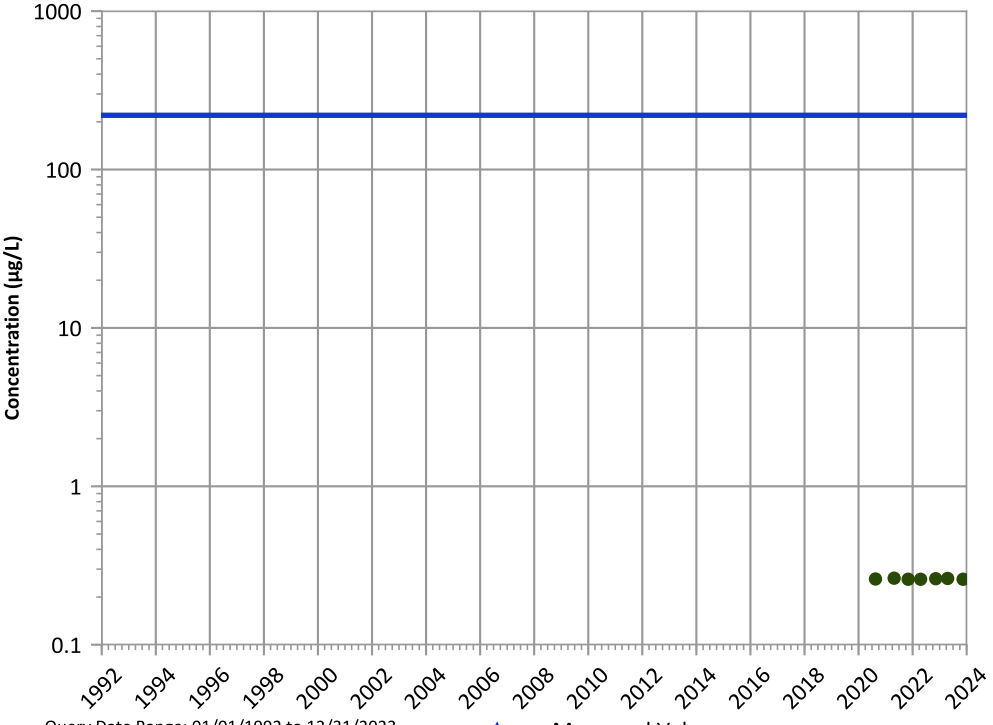


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

1,3,5-Trinitrobenzene Trend

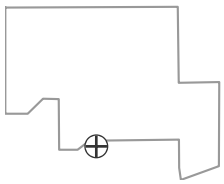


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Well Location

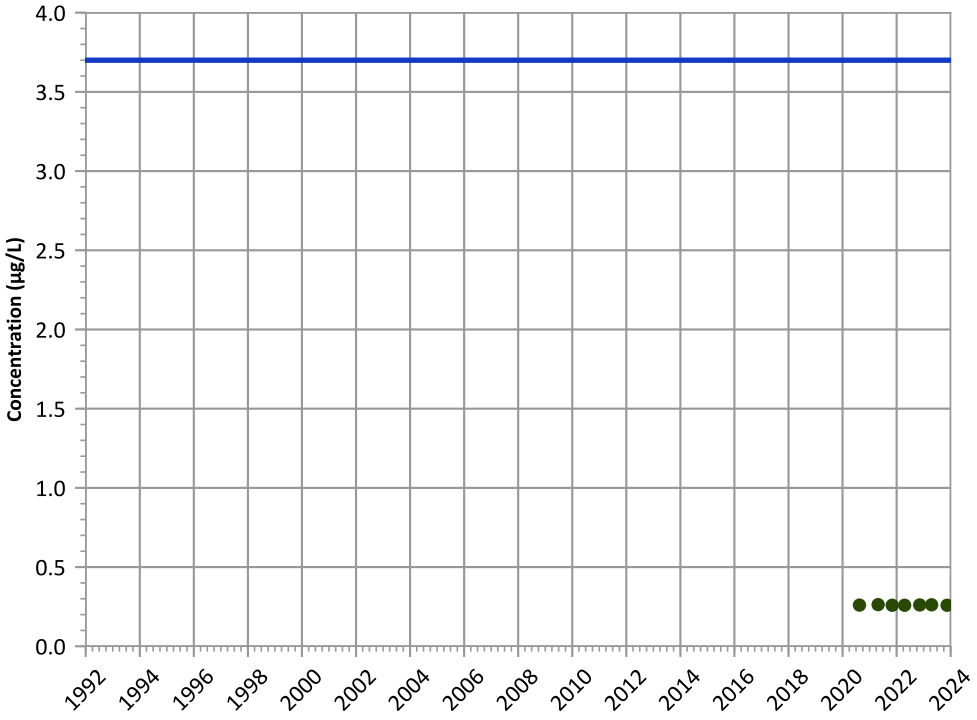


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

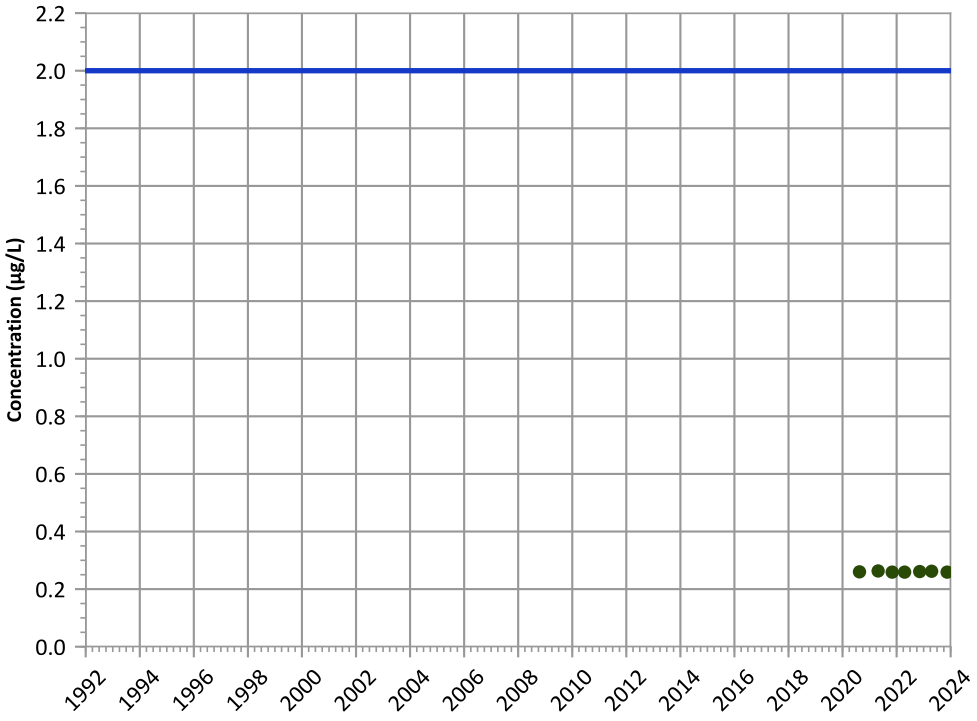


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

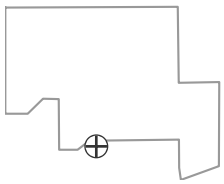
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

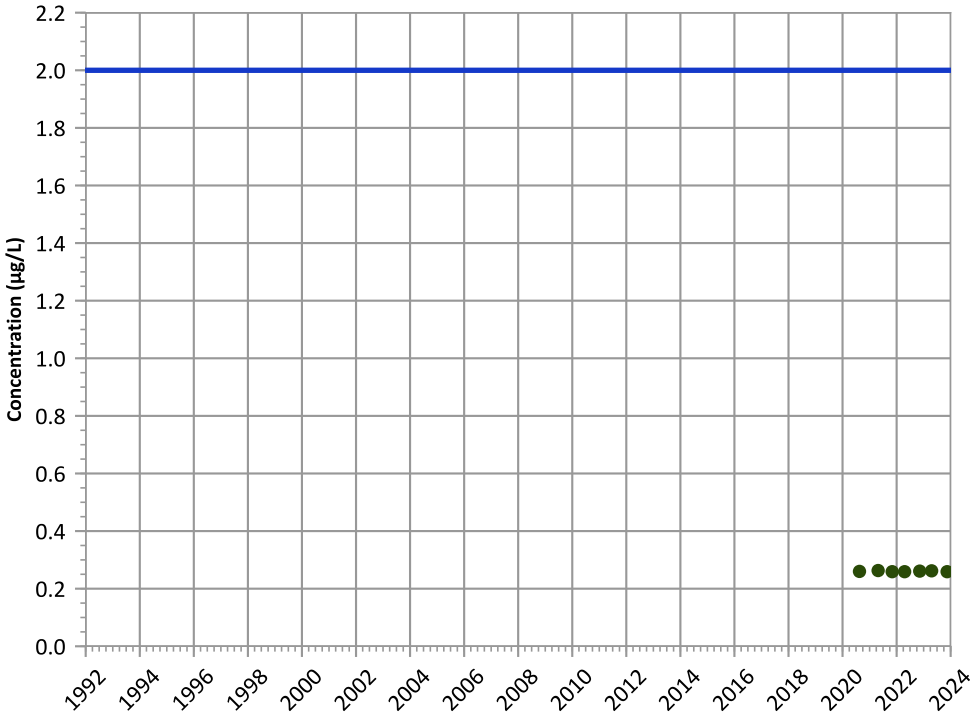
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

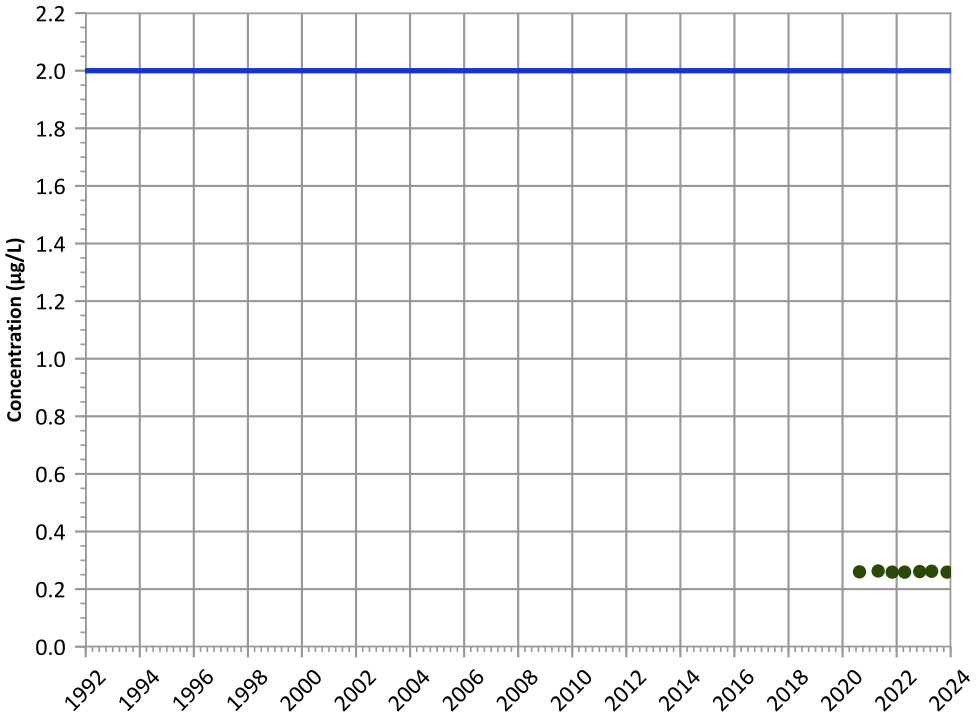


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

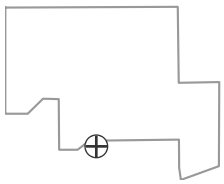
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

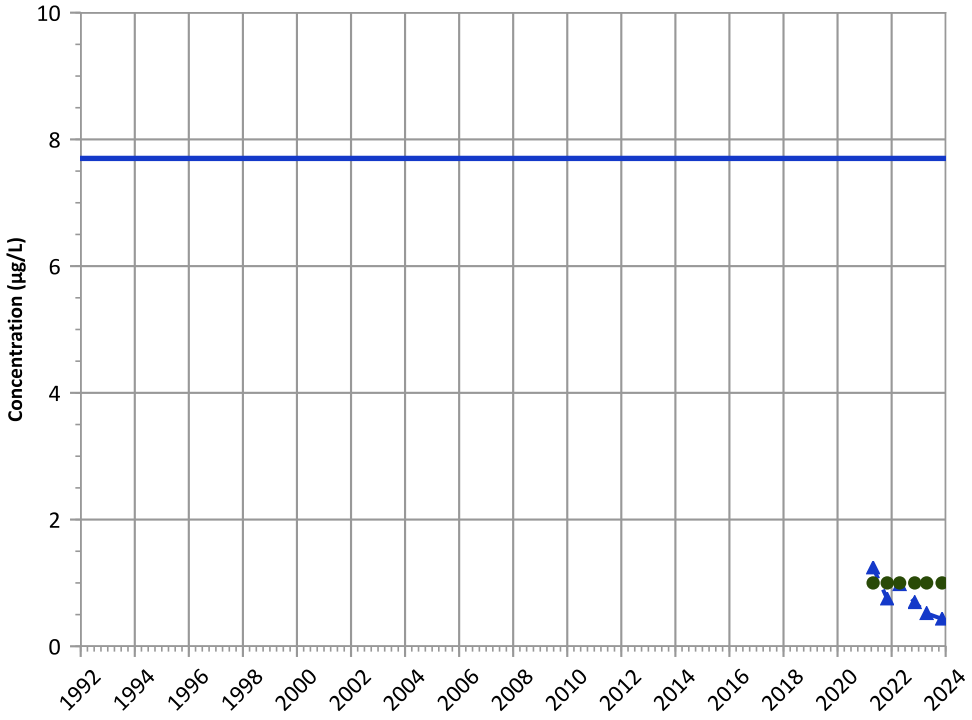
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

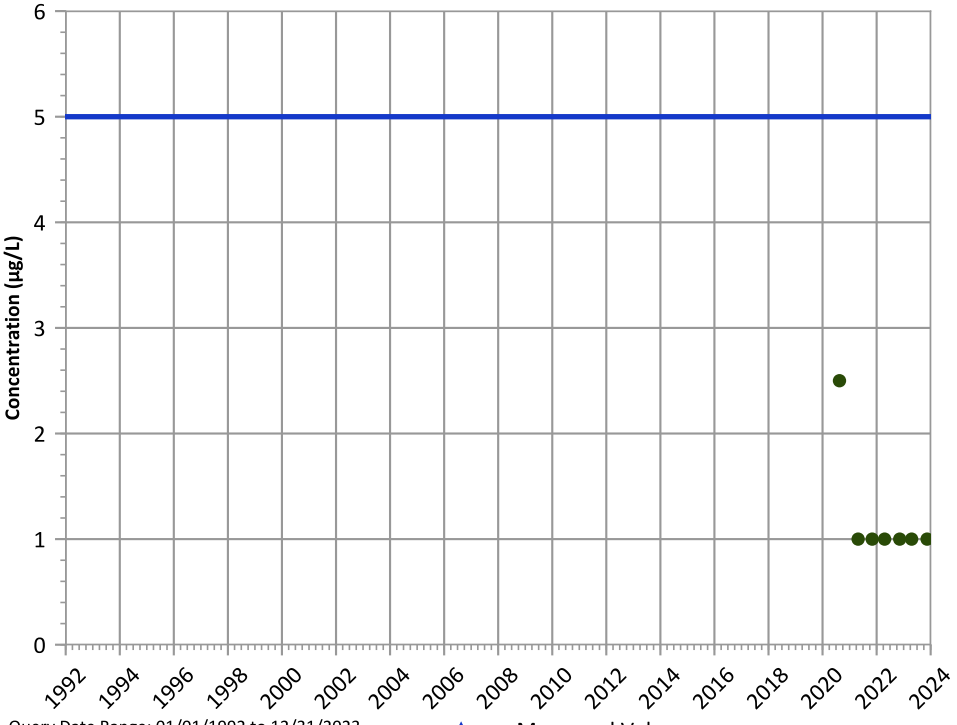


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

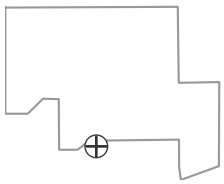
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

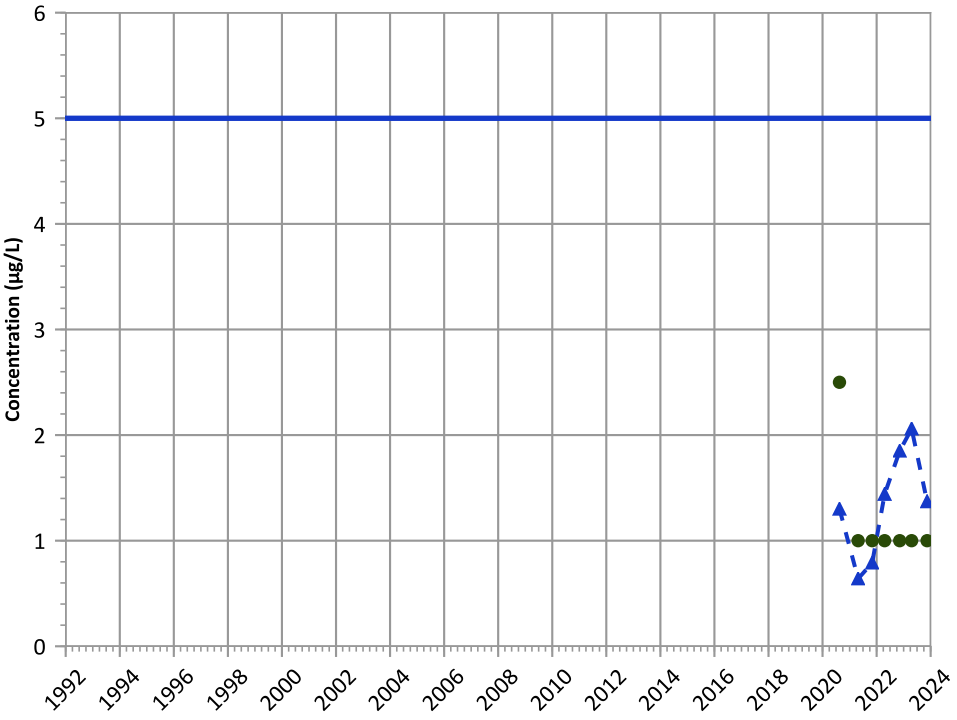
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

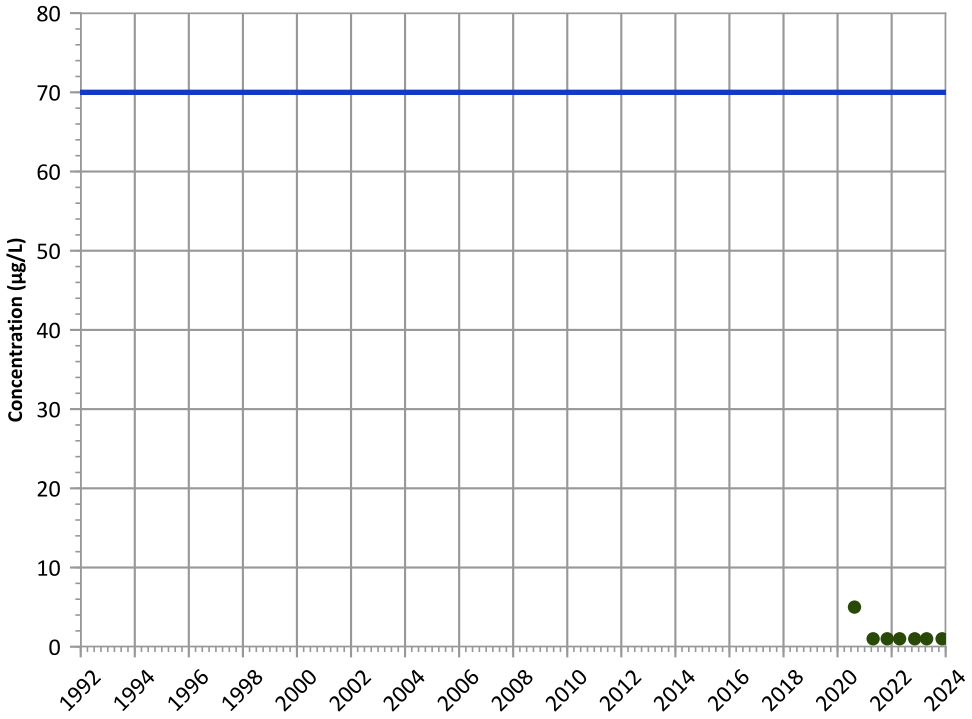


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

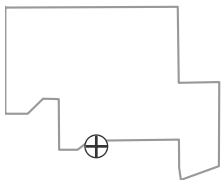
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

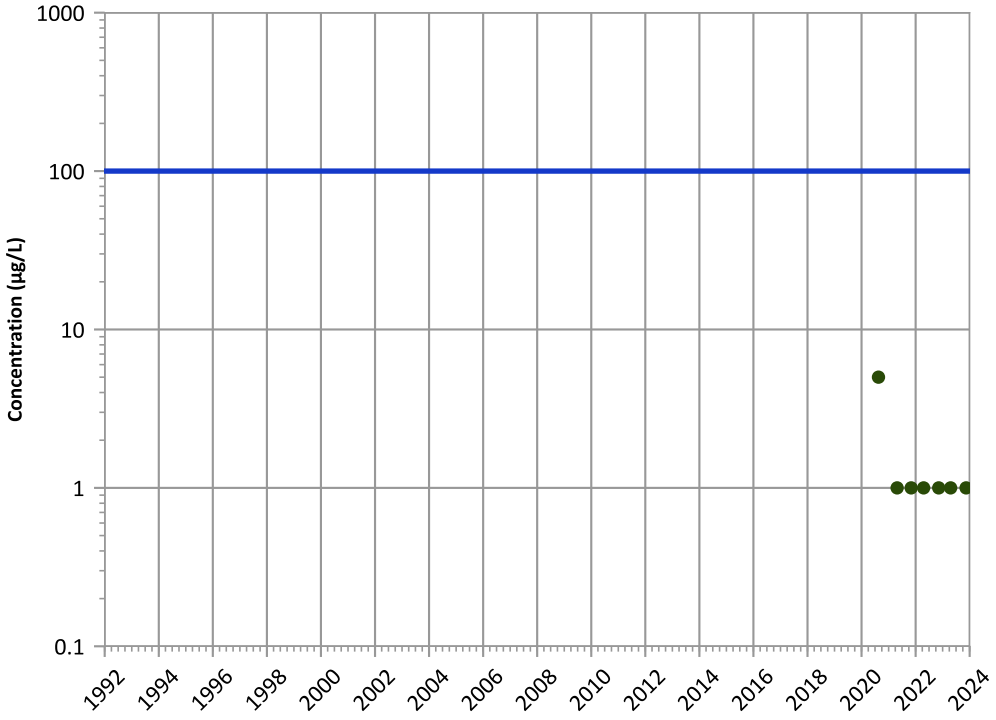
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

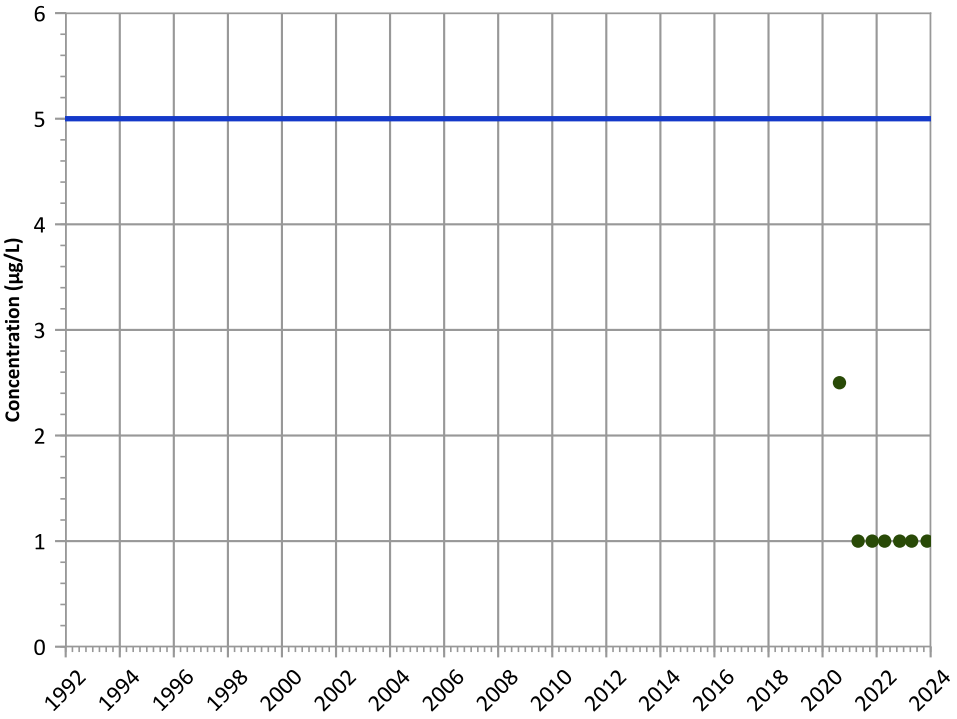


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

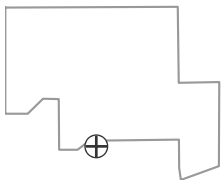
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

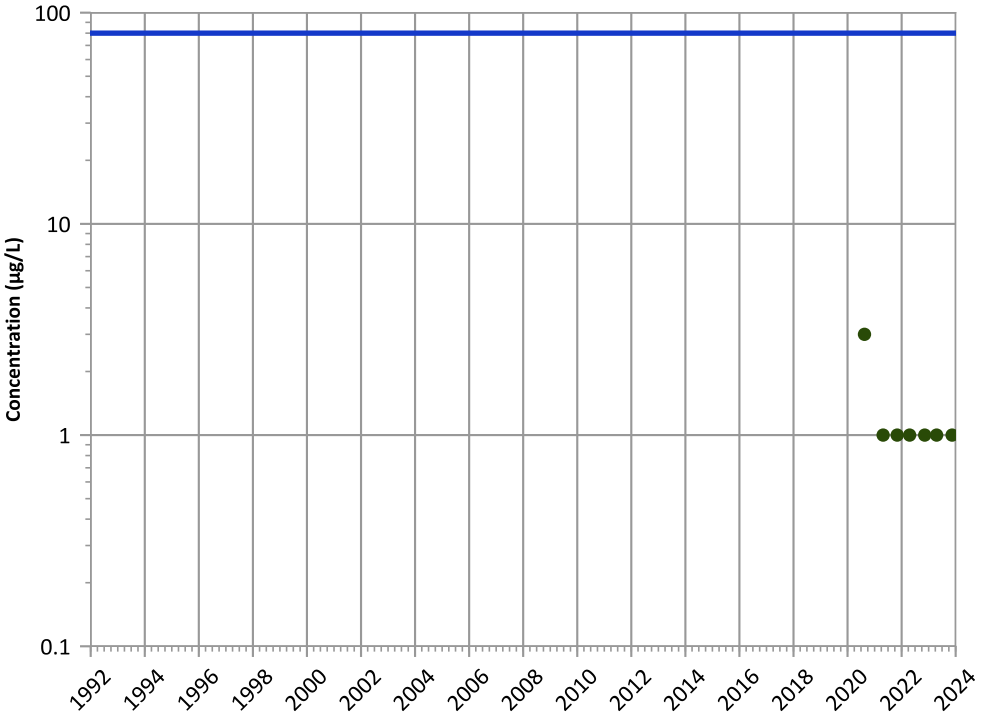
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

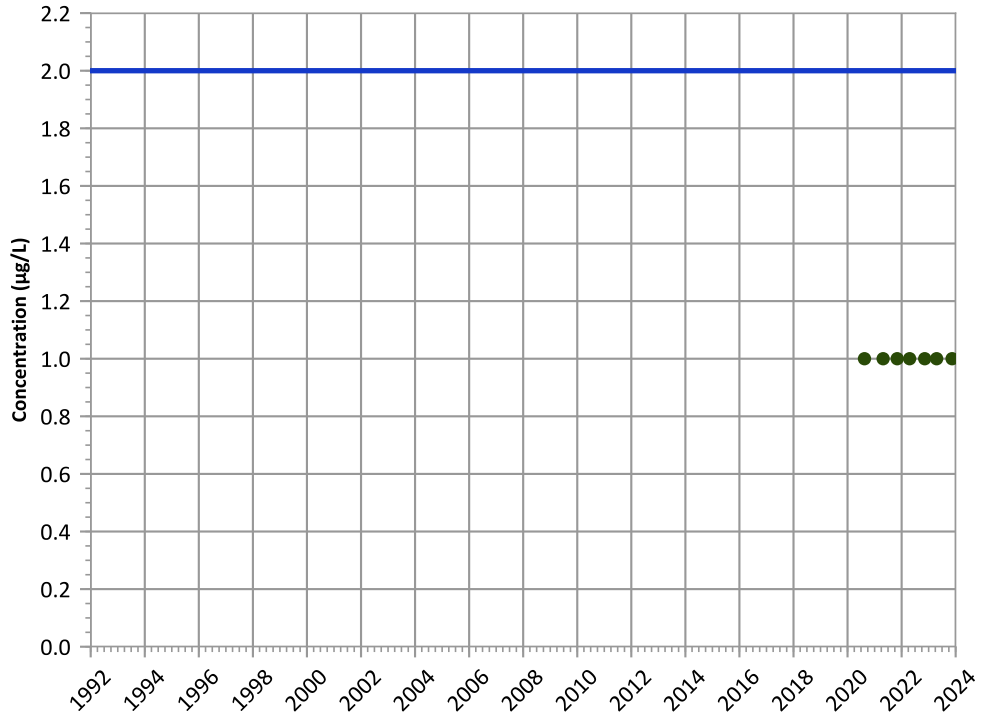
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



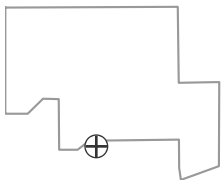
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

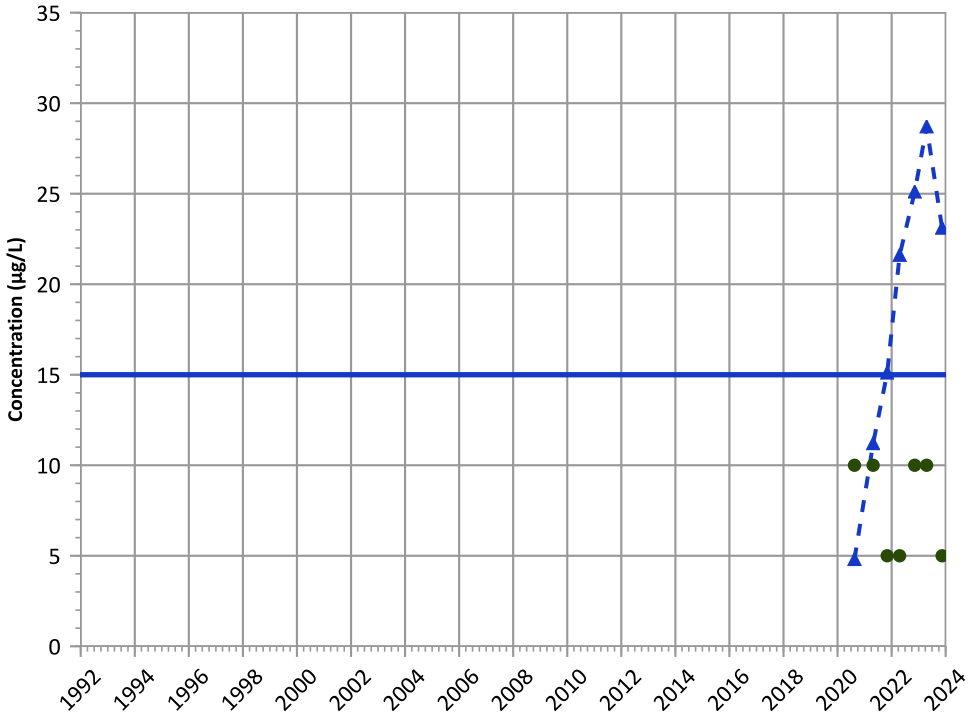
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

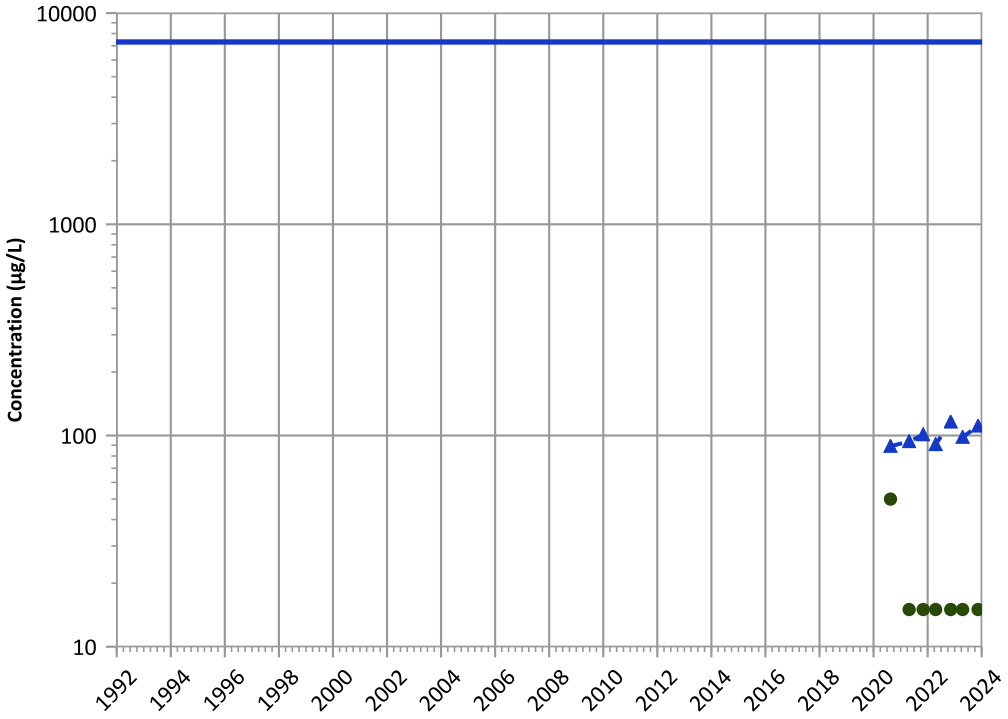


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Boron Trend



Concentration Trend

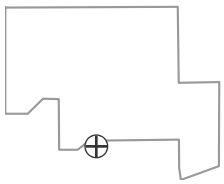
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

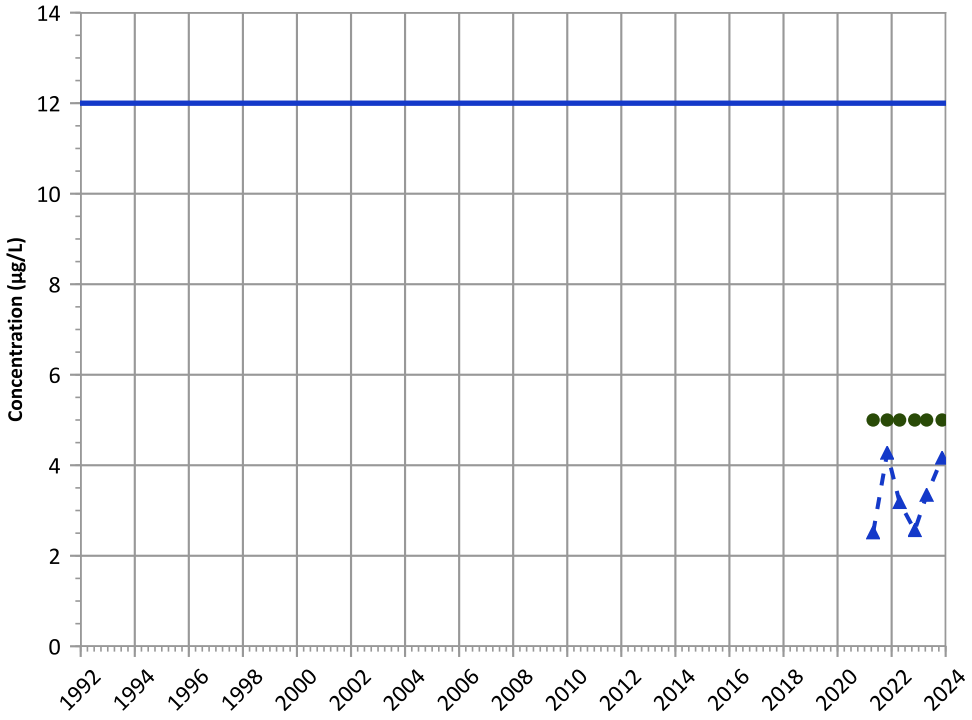
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

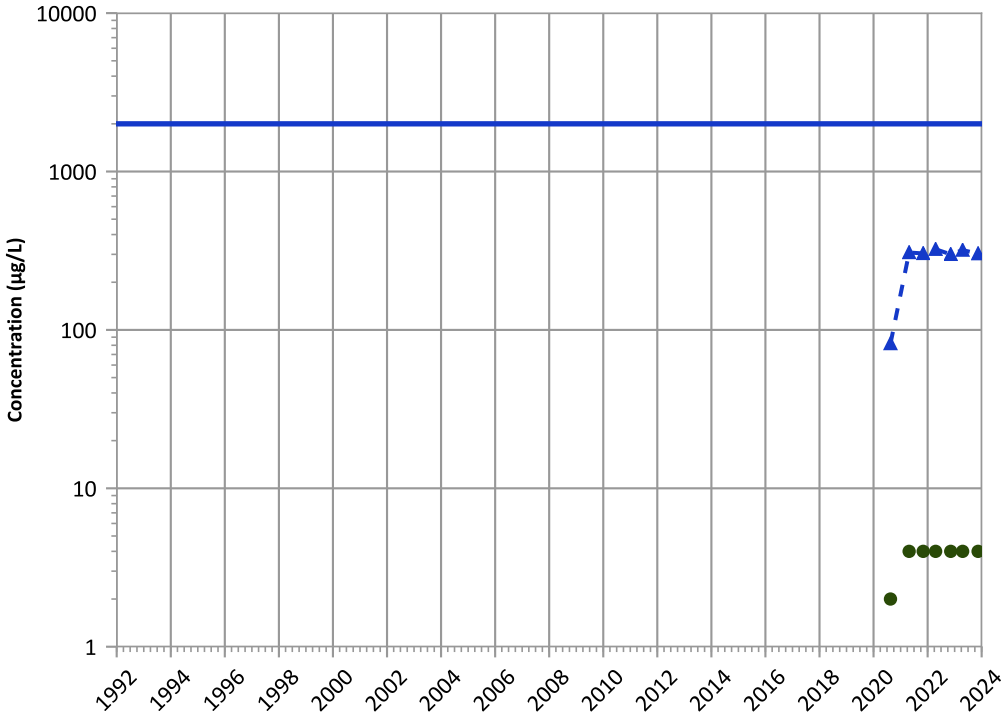


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

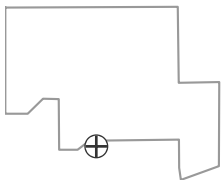
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

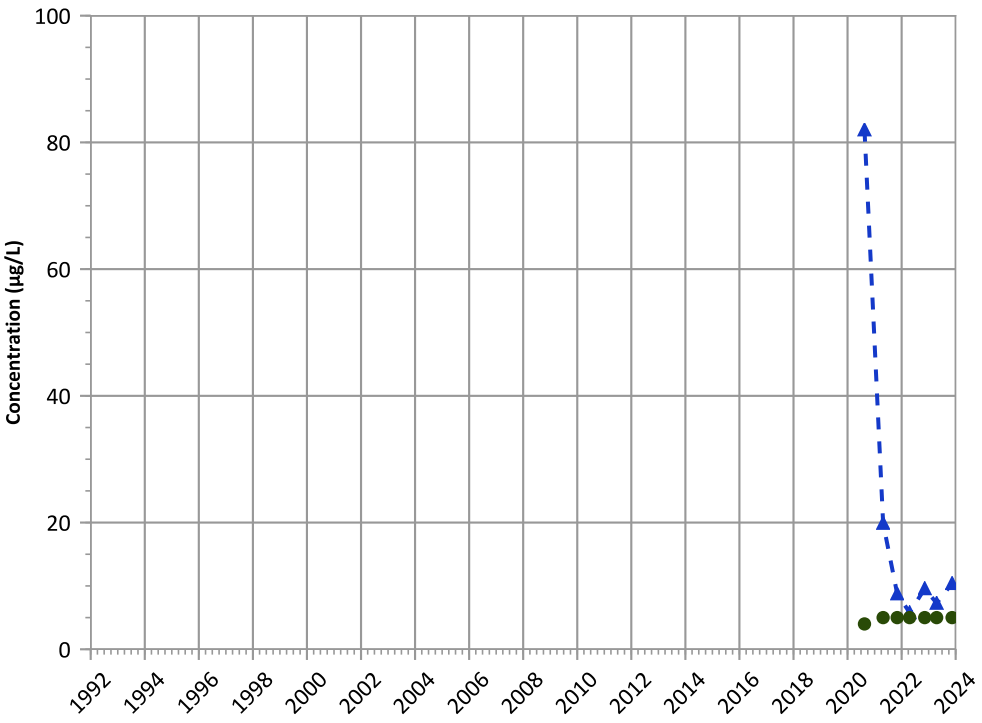
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend



Concentration Trend

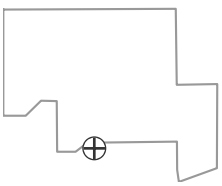
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

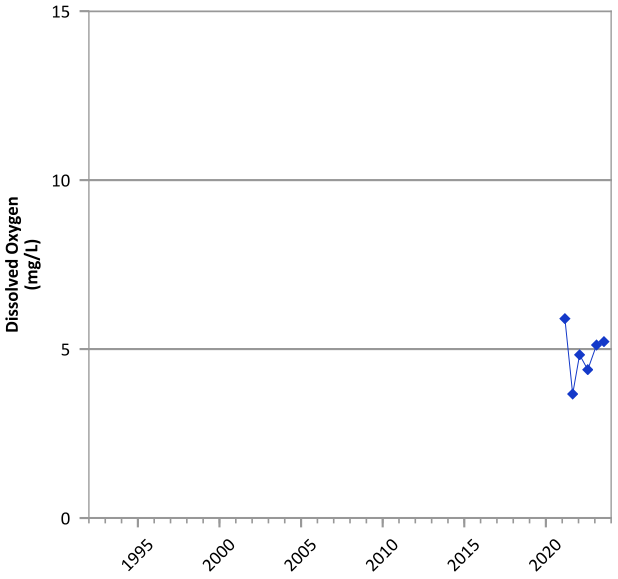
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/17/2020 to 11/14/2023
Analysis Date: 04/01/2024

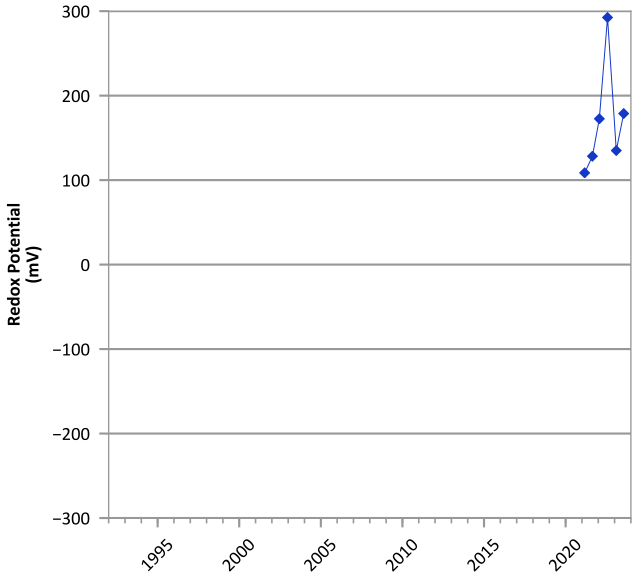
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

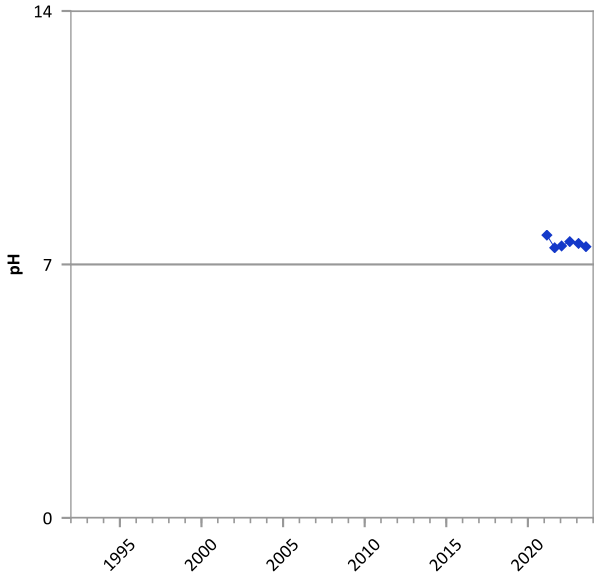
Well Location

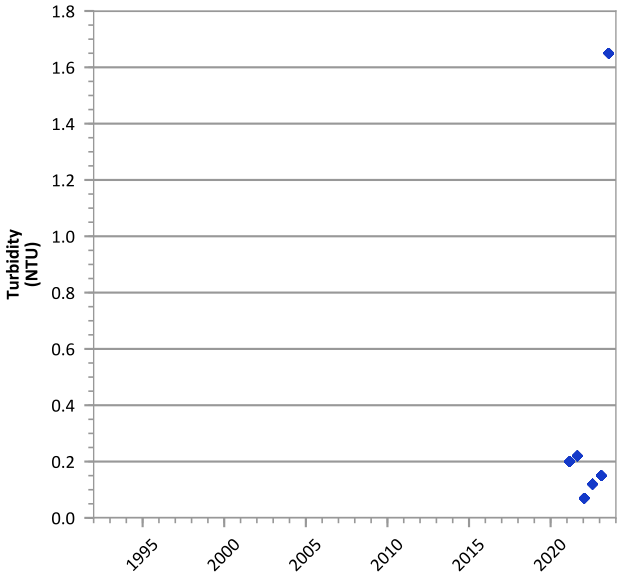


PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

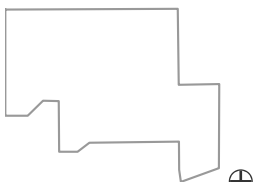






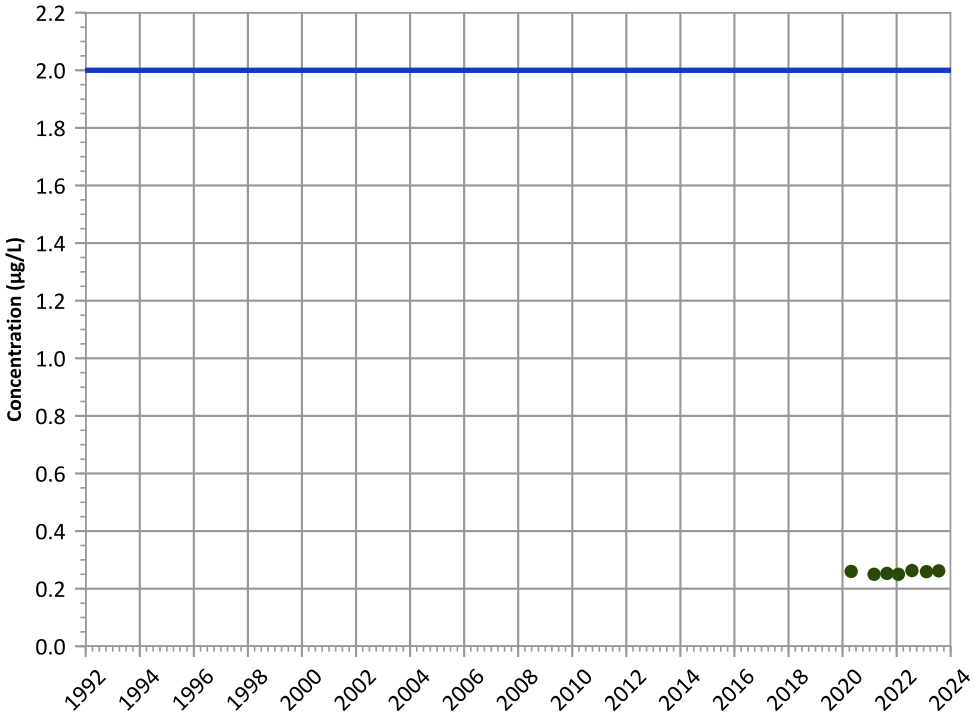


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

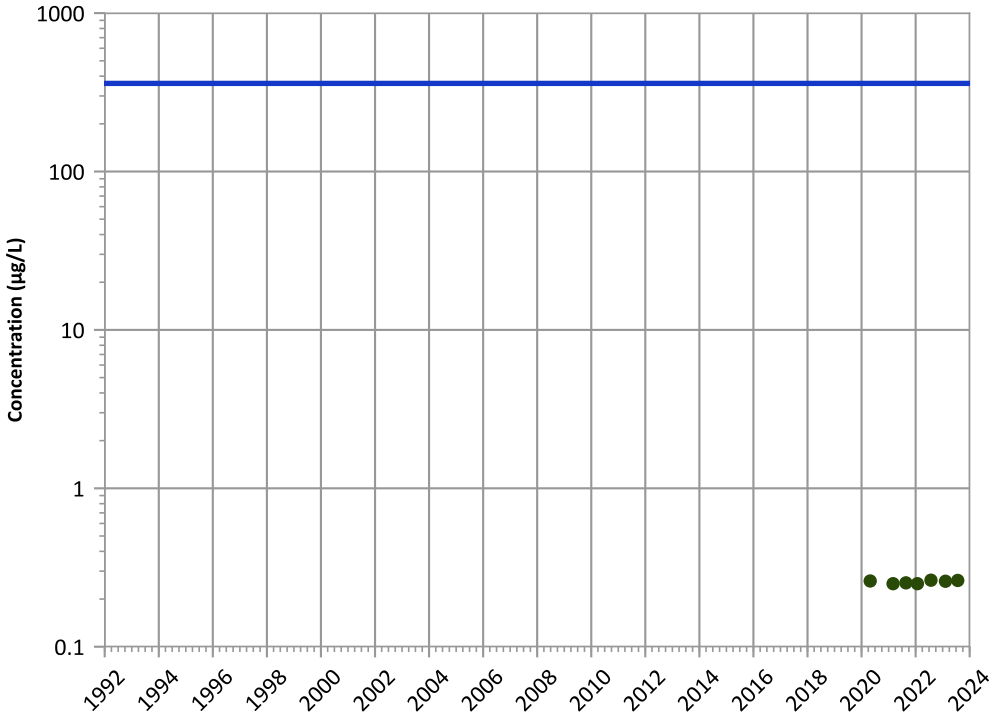


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



Concentration Trend

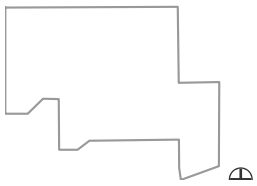
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

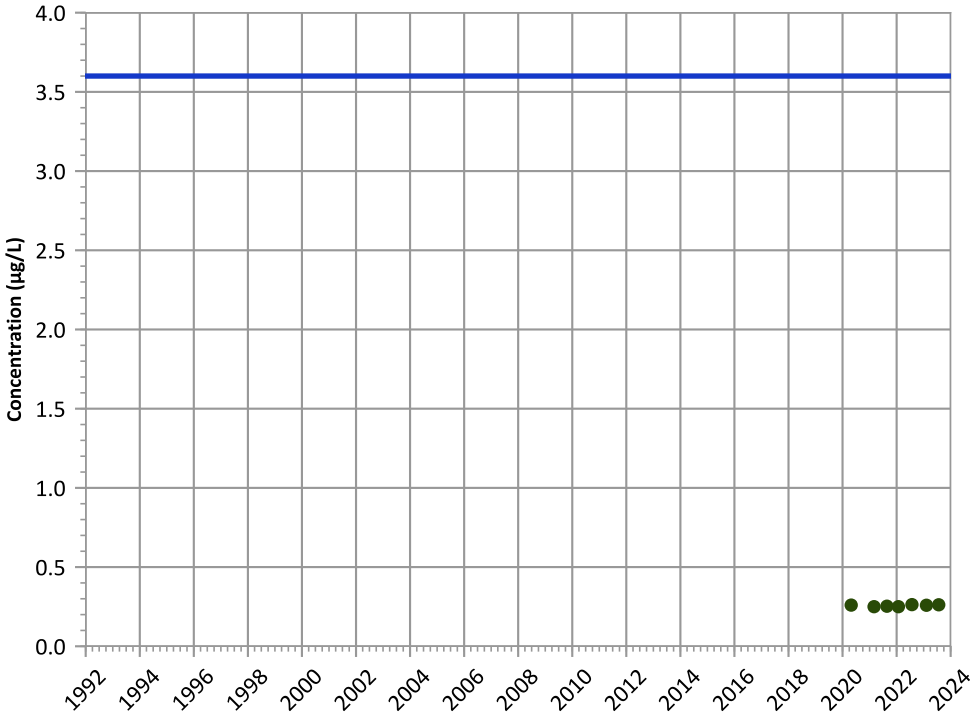
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

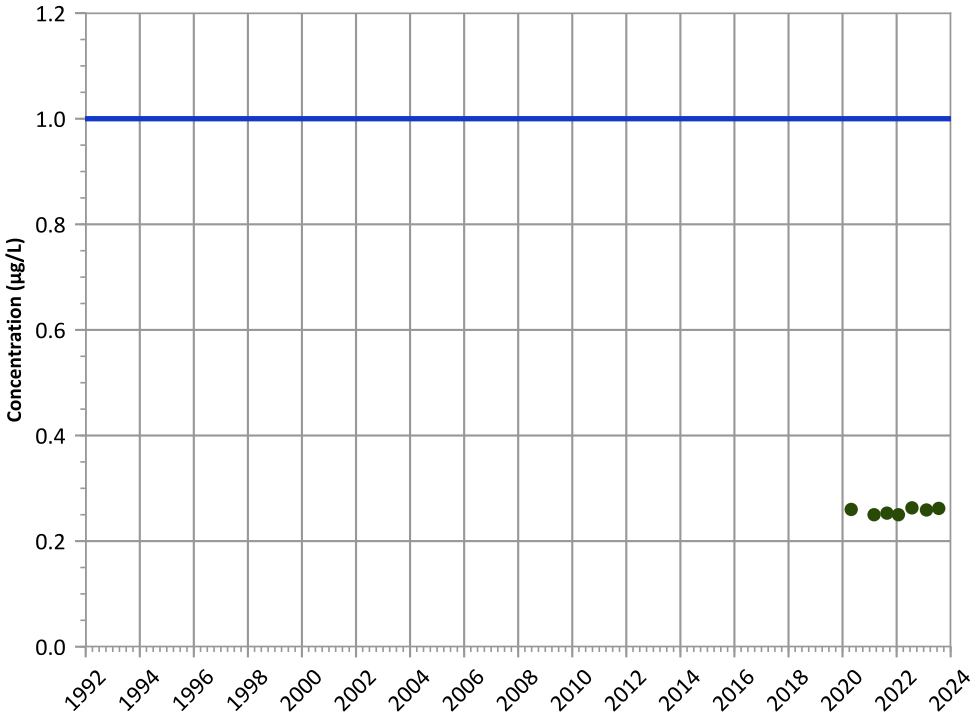


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

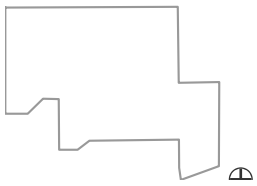
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

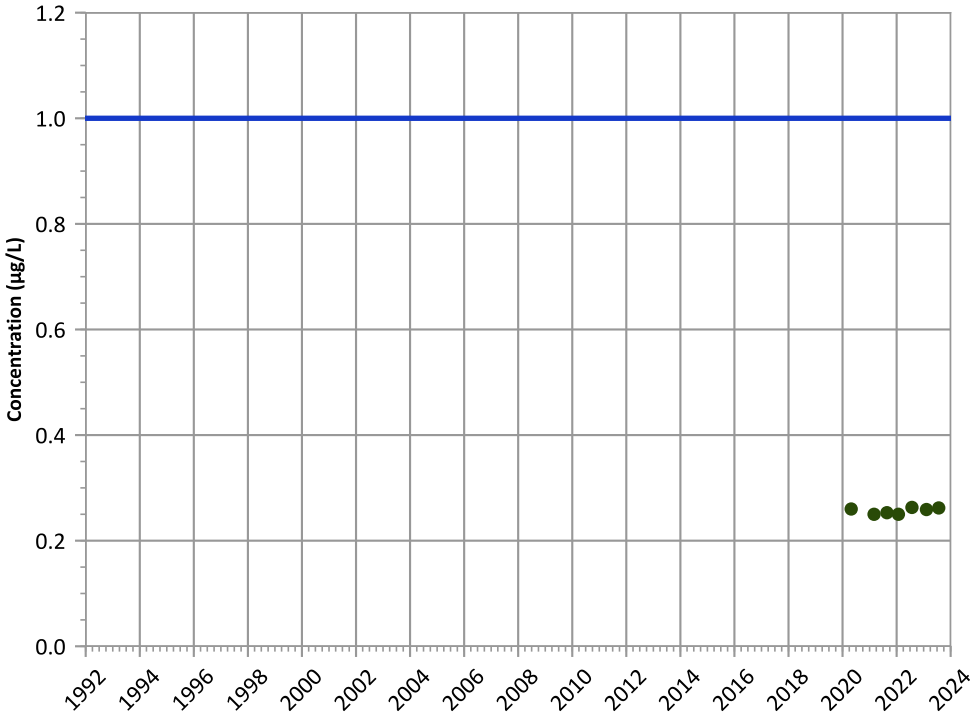
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

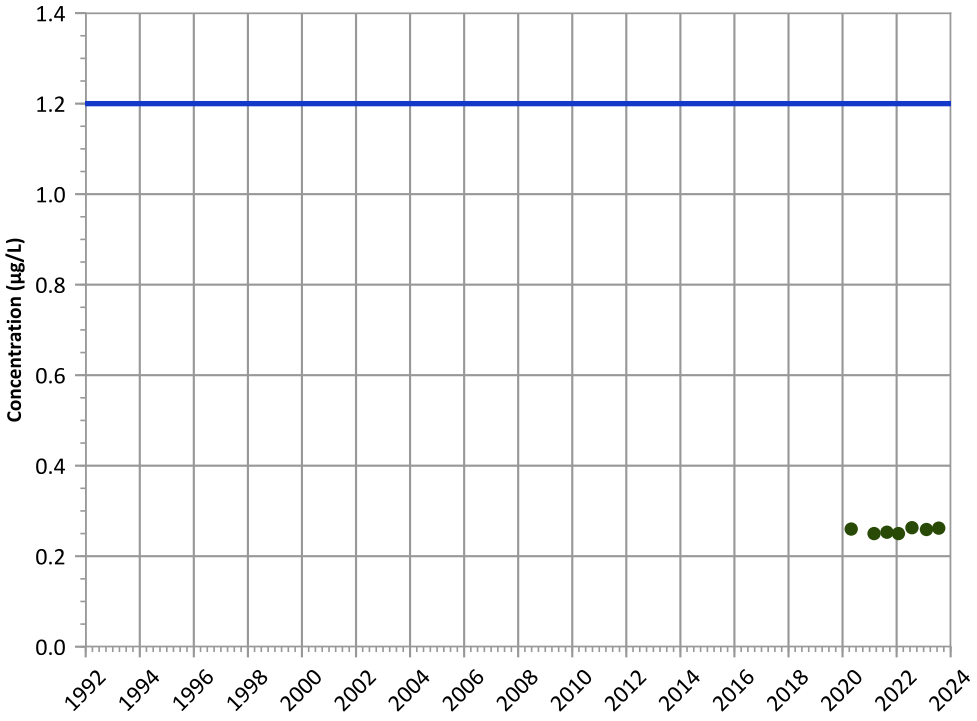


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

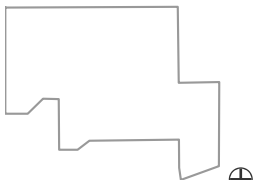
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

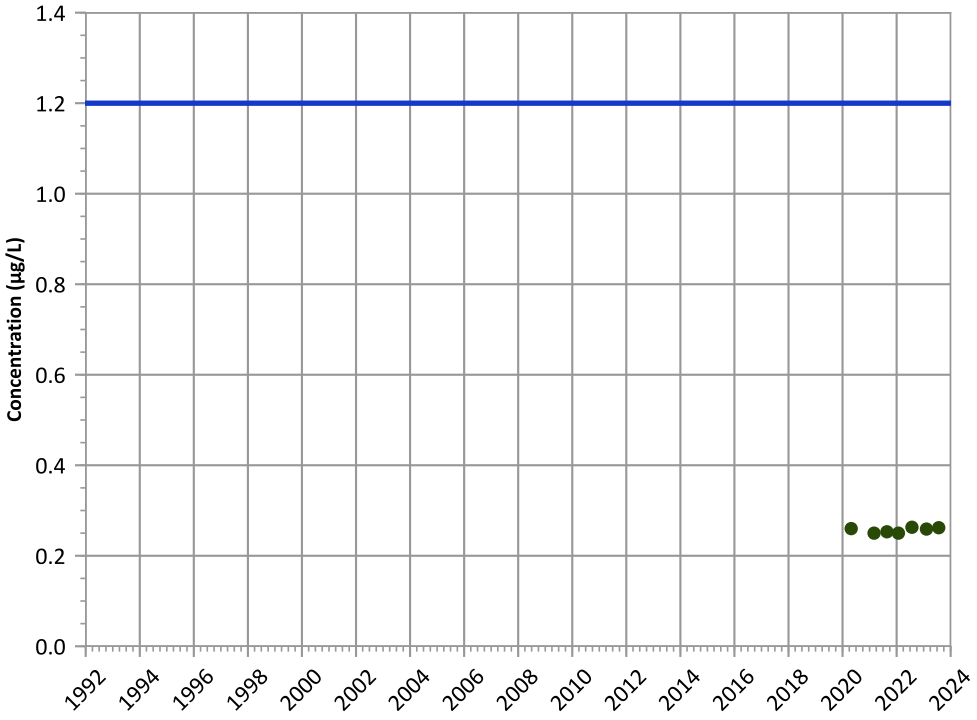
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

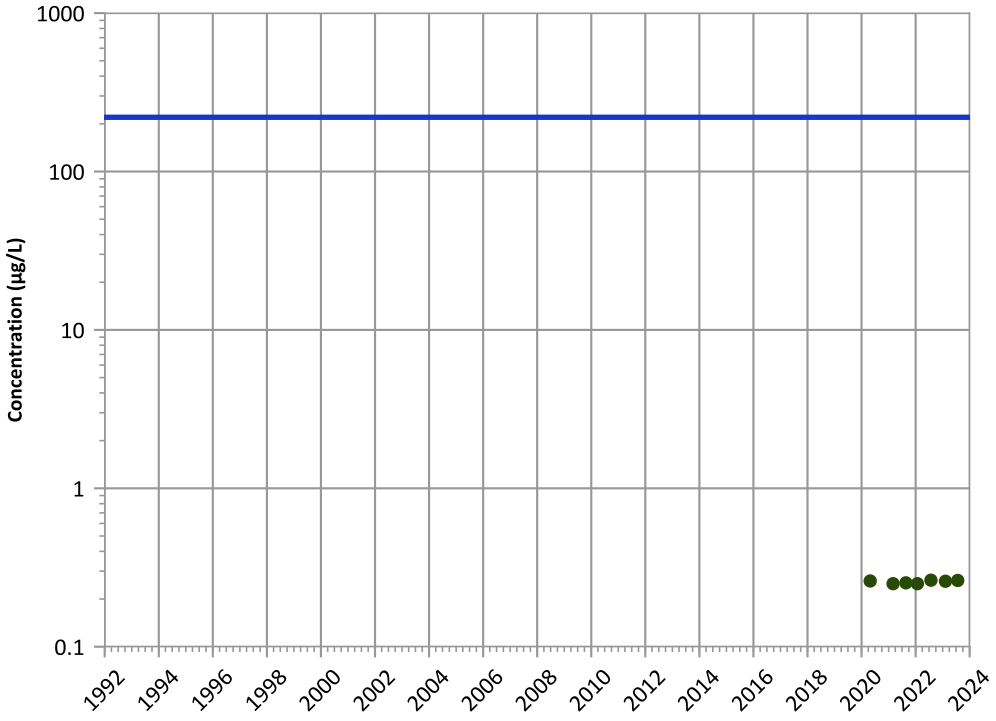


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

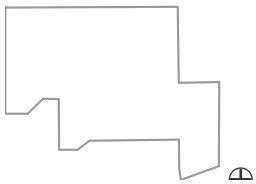
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

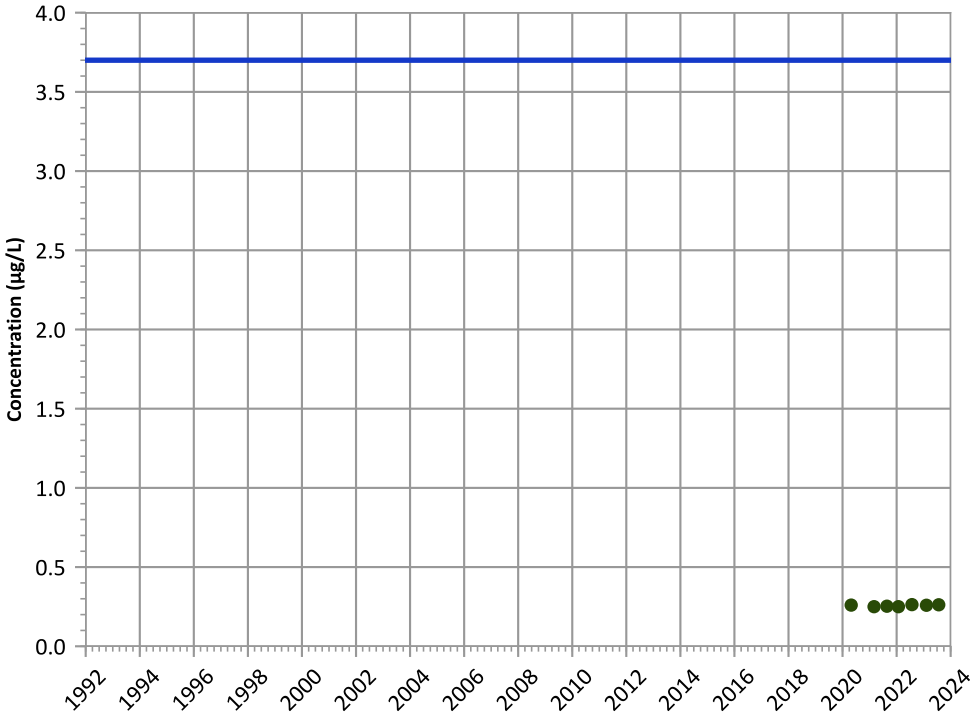
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

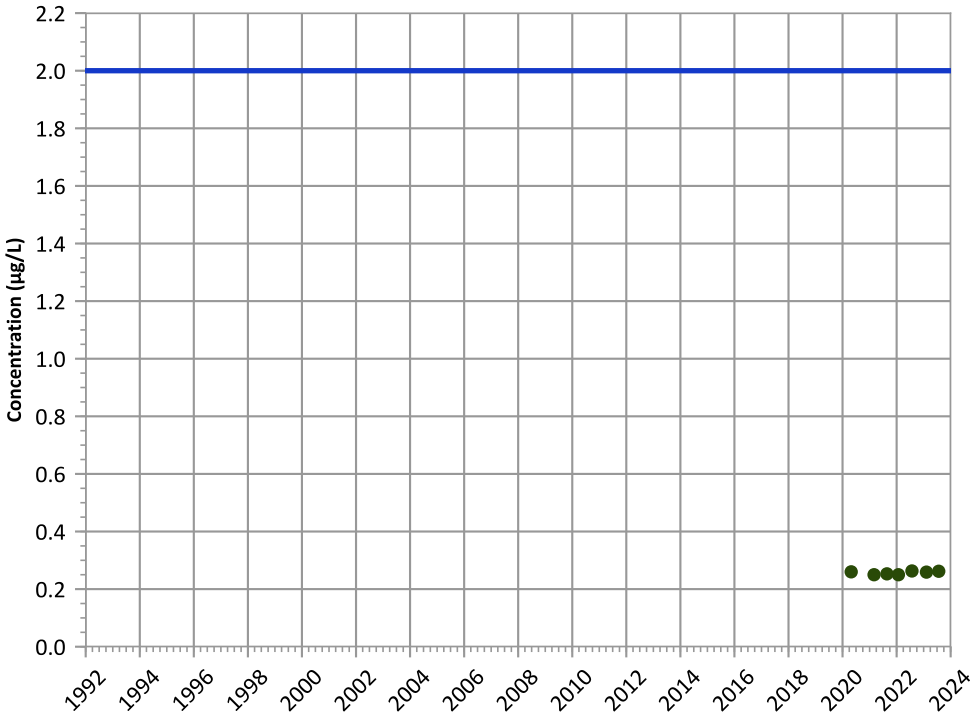


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

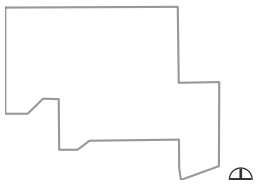
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

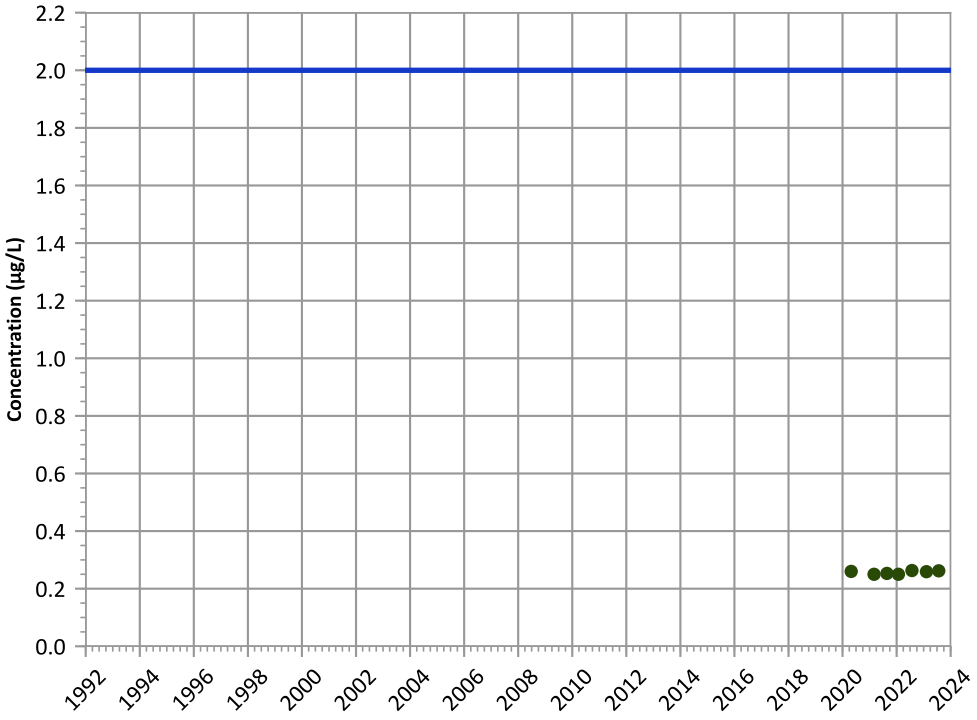
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

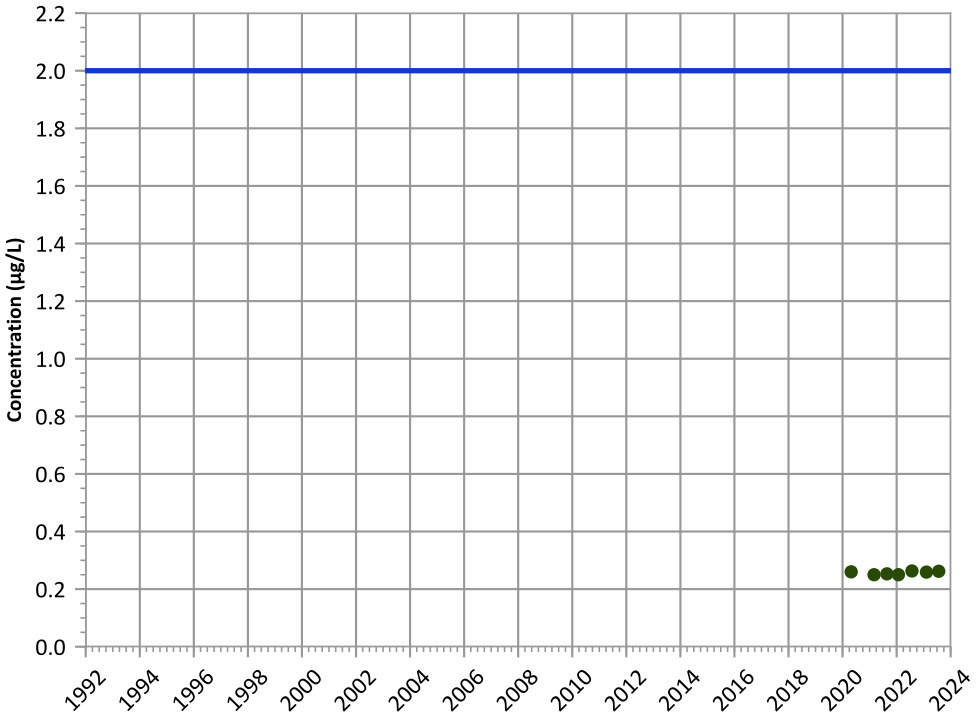


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

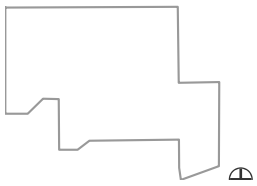
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

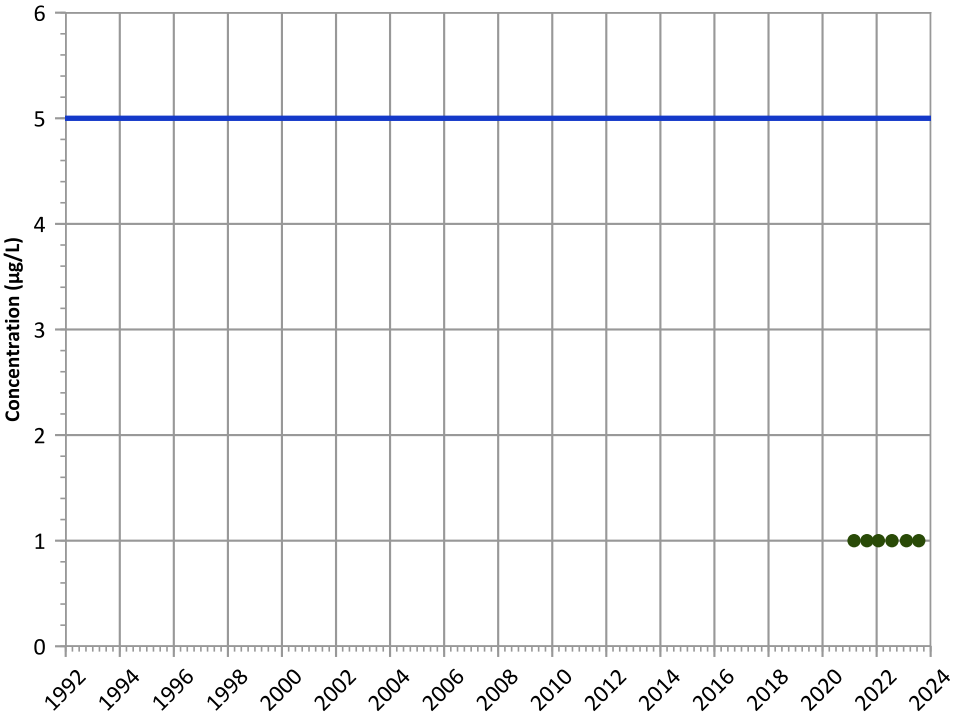
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

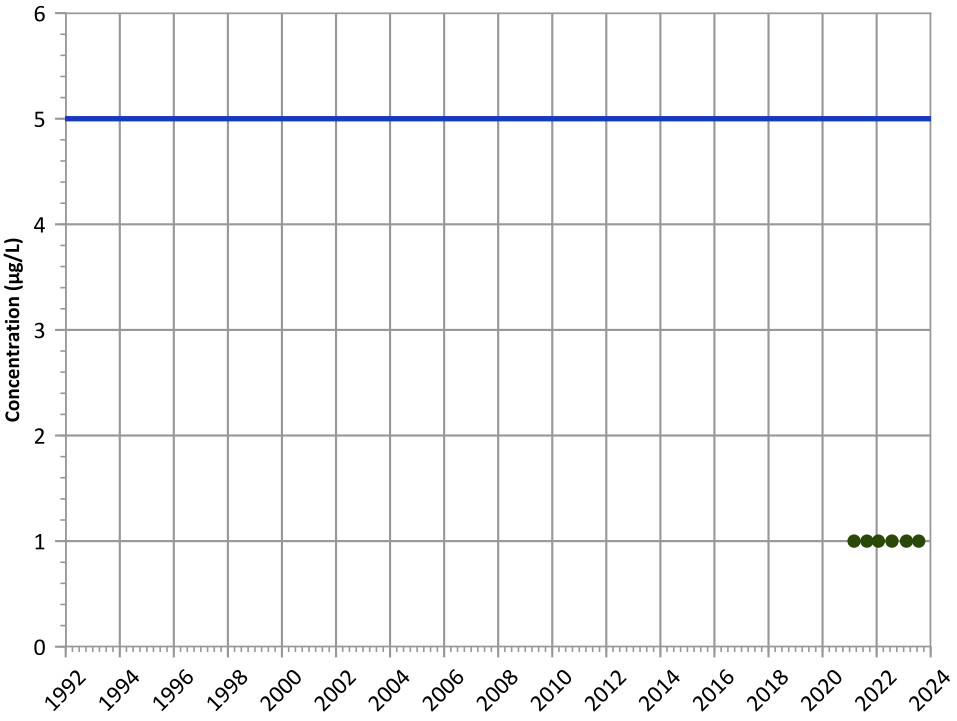


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

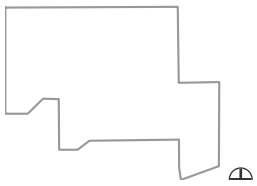
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

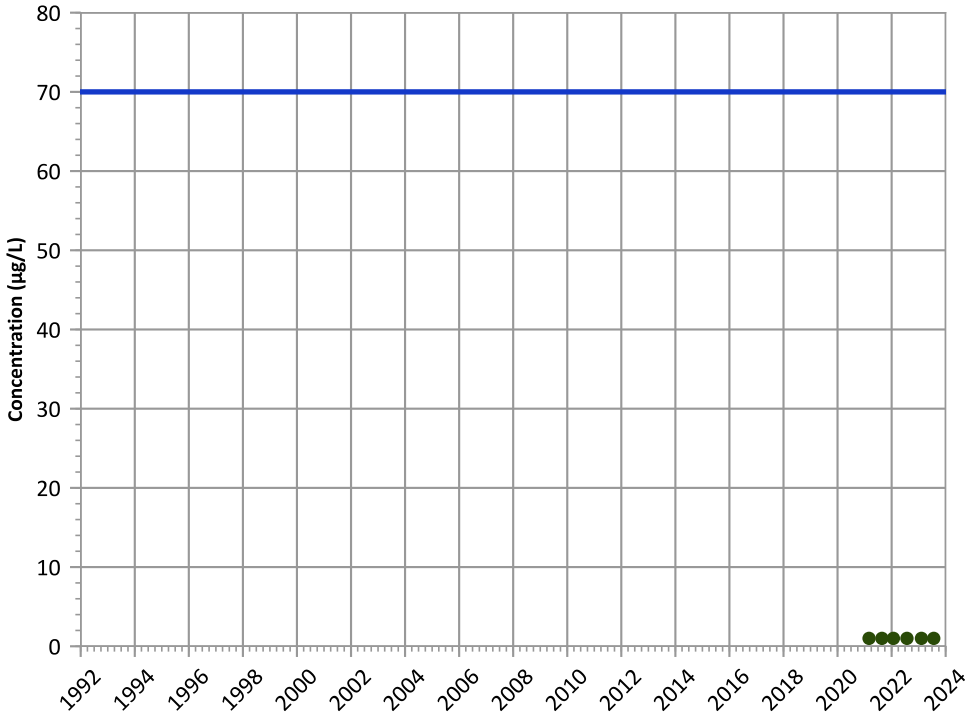
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

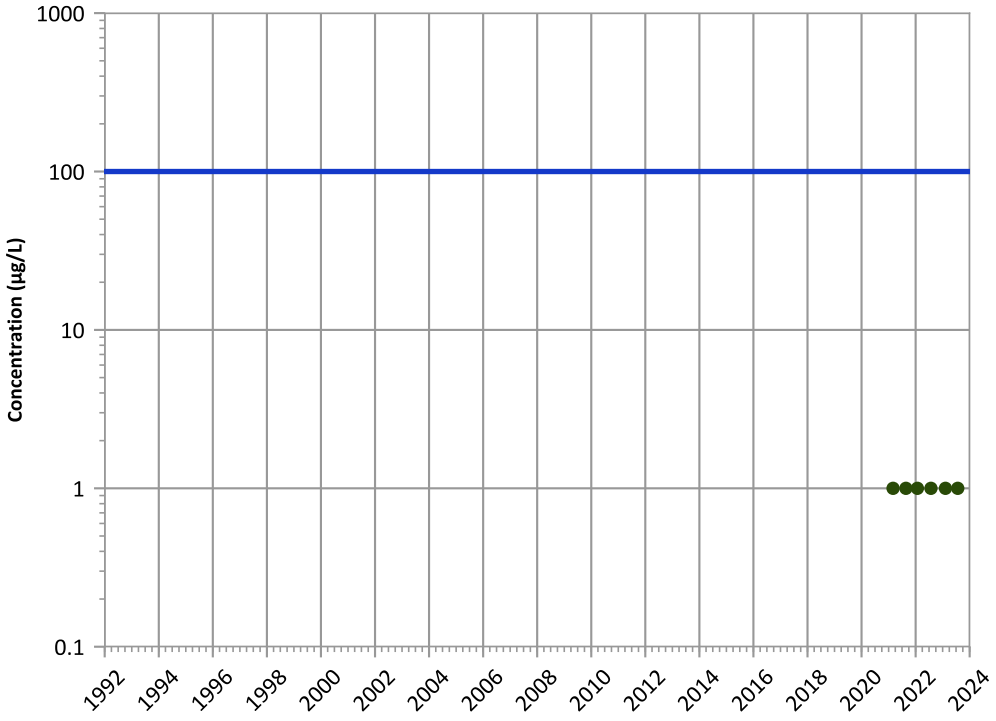
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



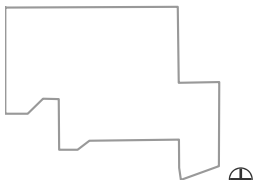
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

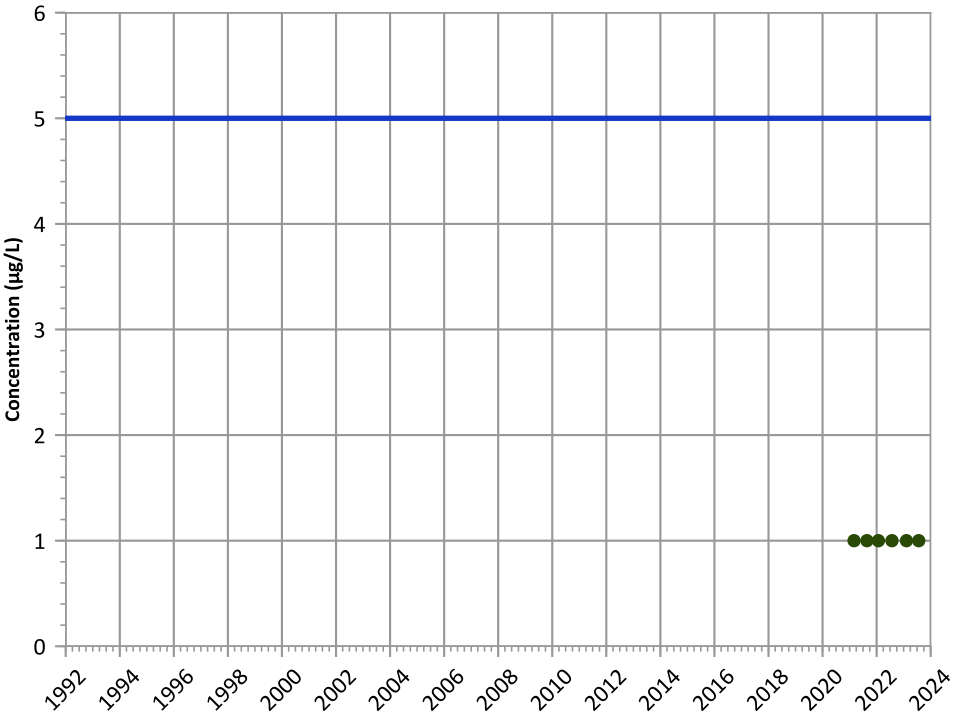
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

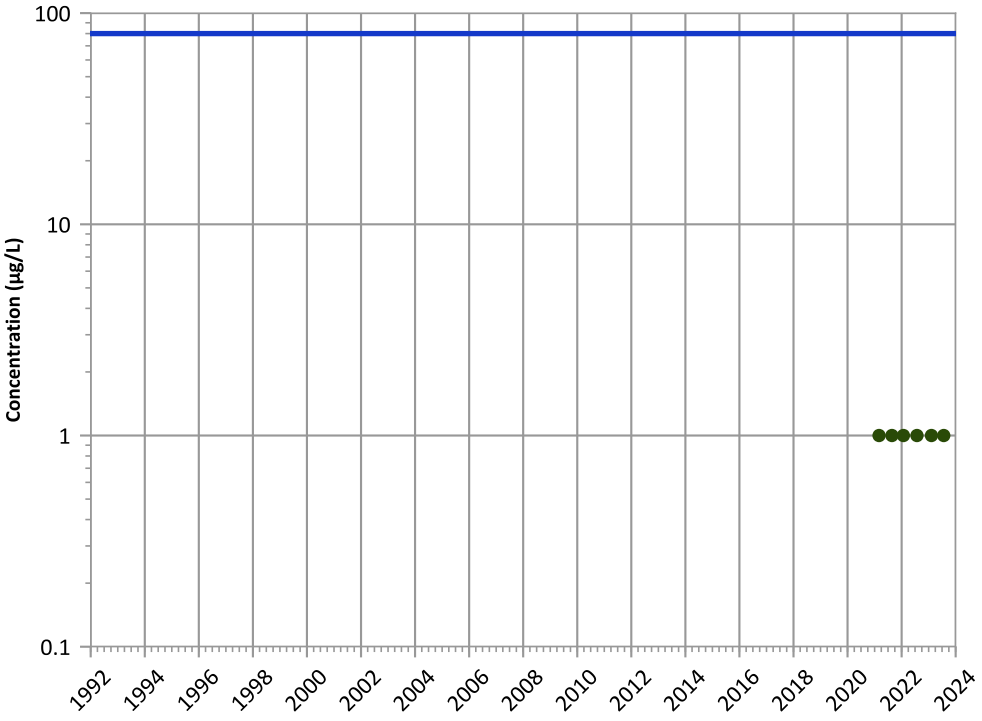


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

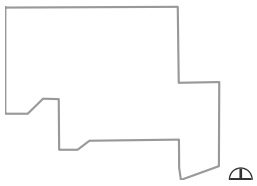
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

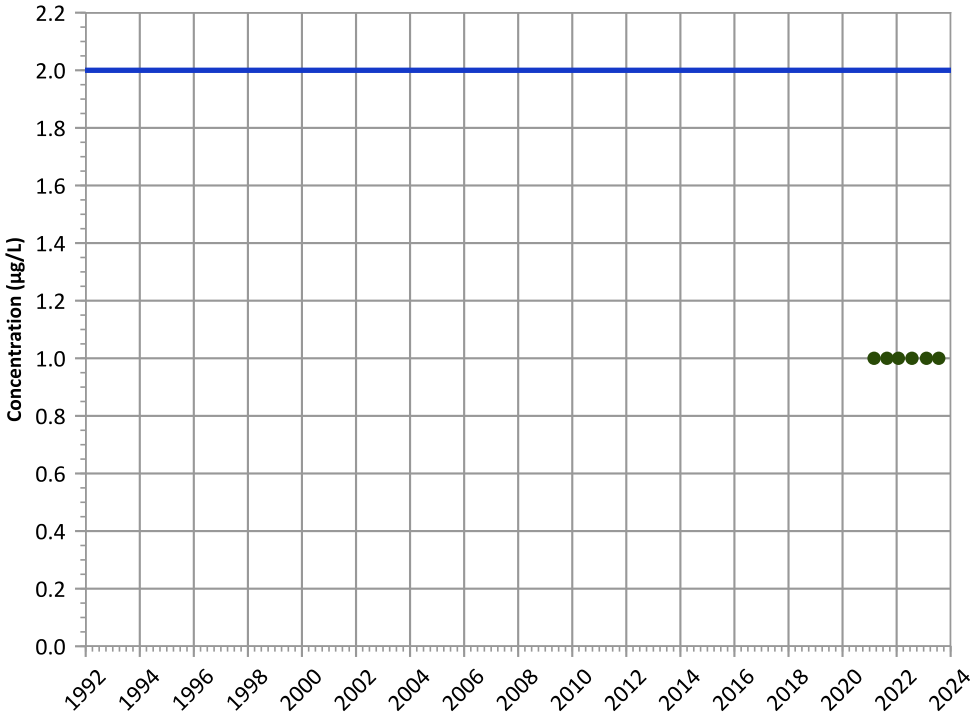
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

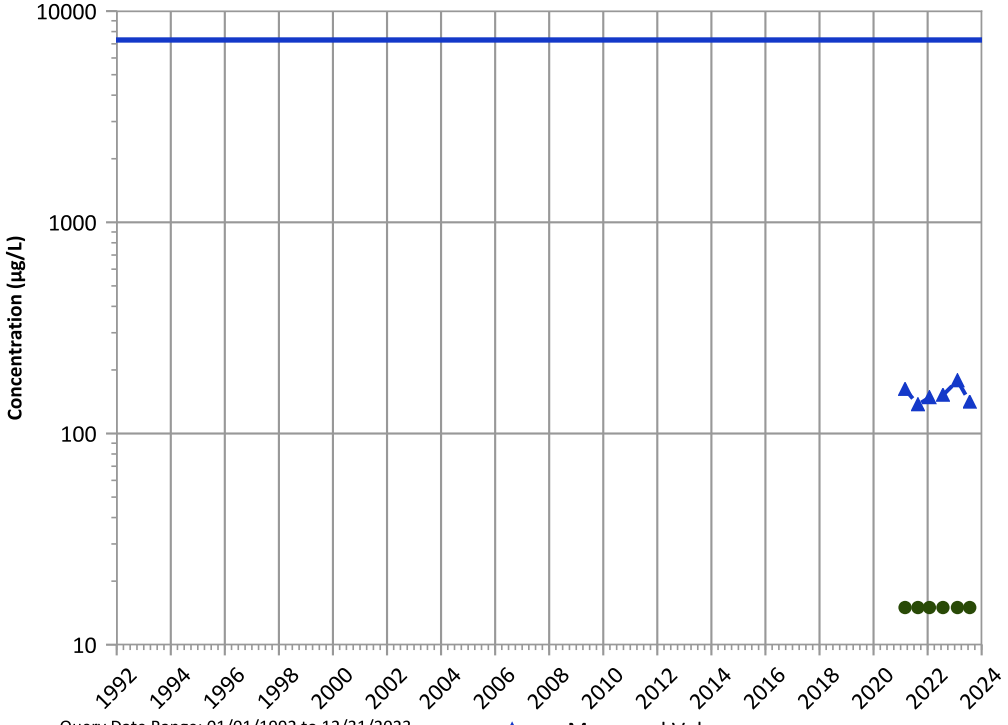


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

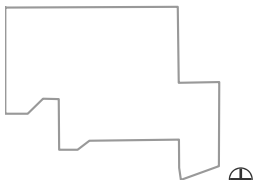
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

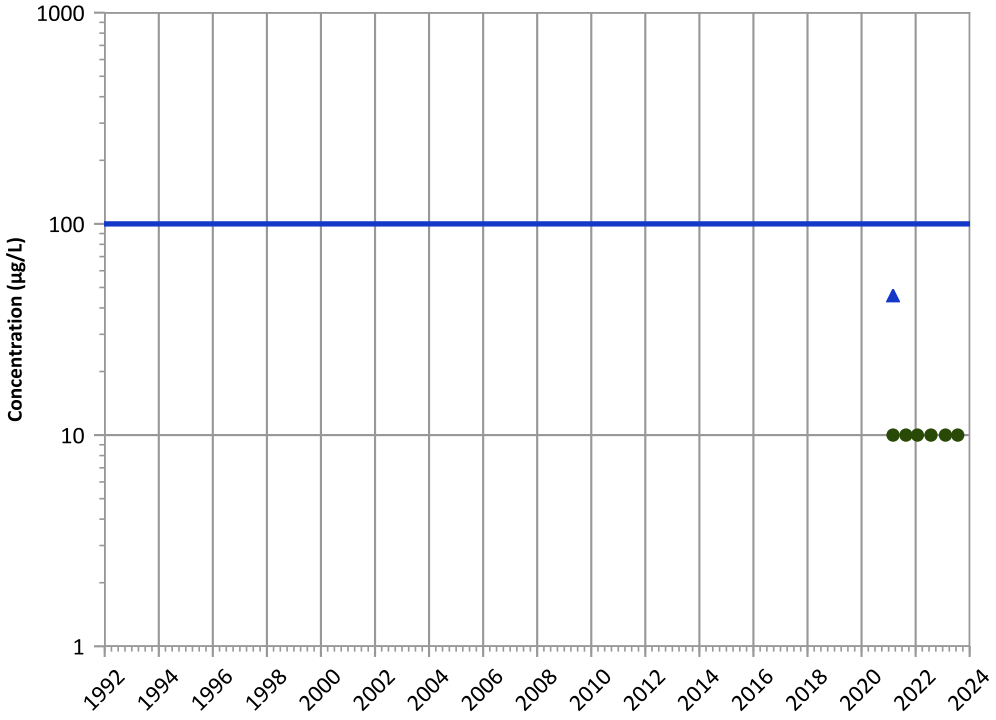
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

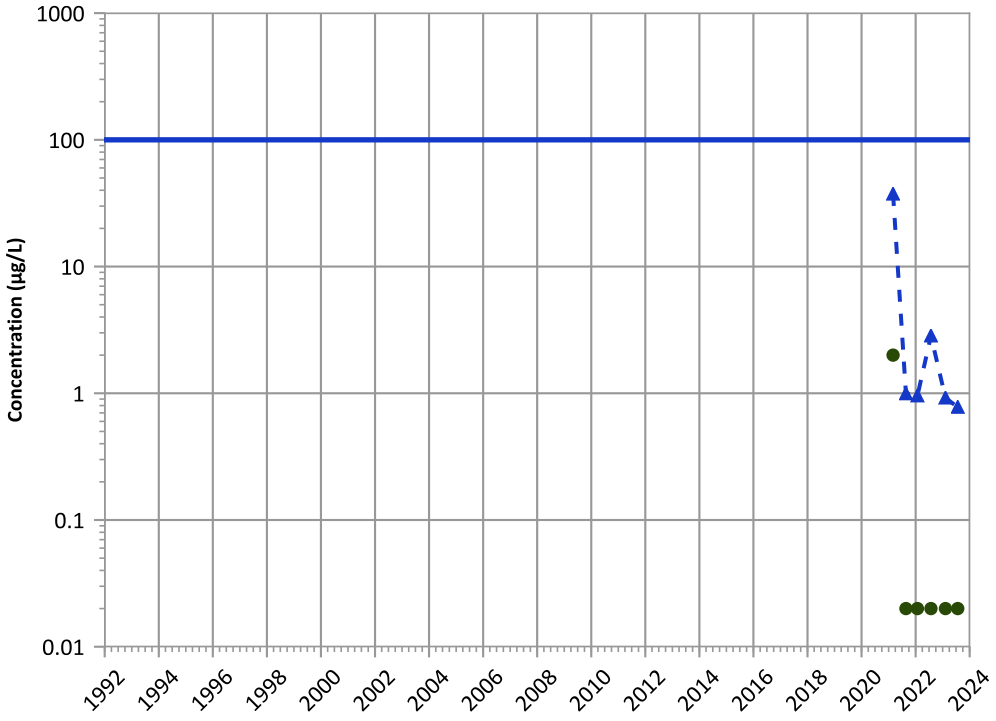


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

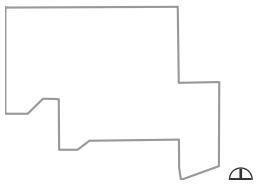
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

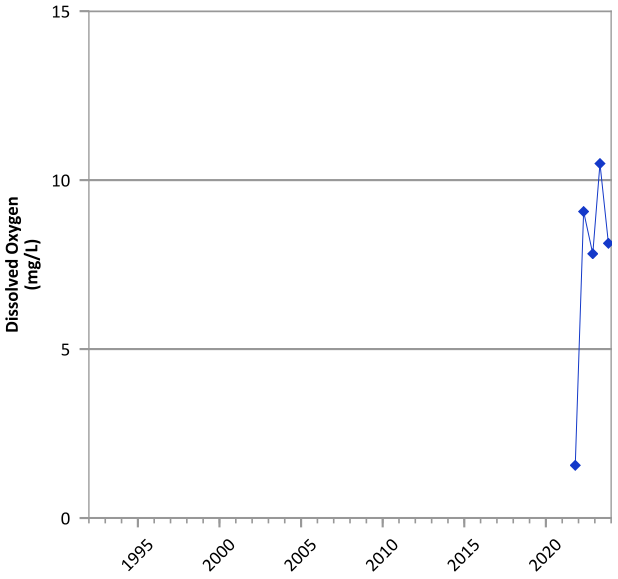
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/27/2020 to 07/24/2023
Analysis Date: 04/01/2024

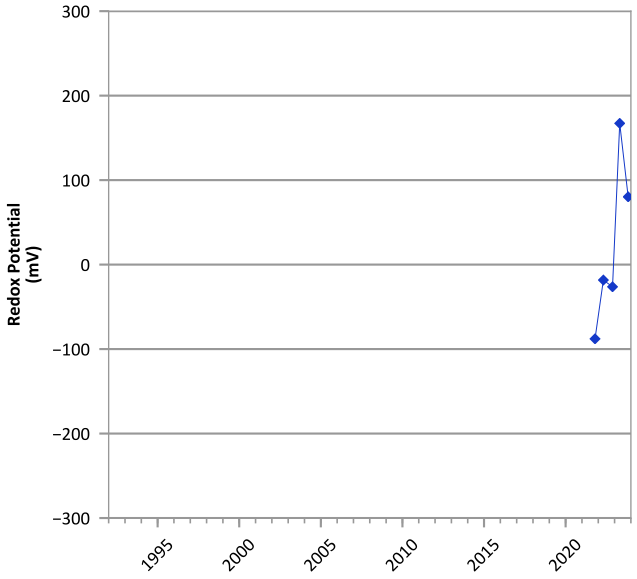
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

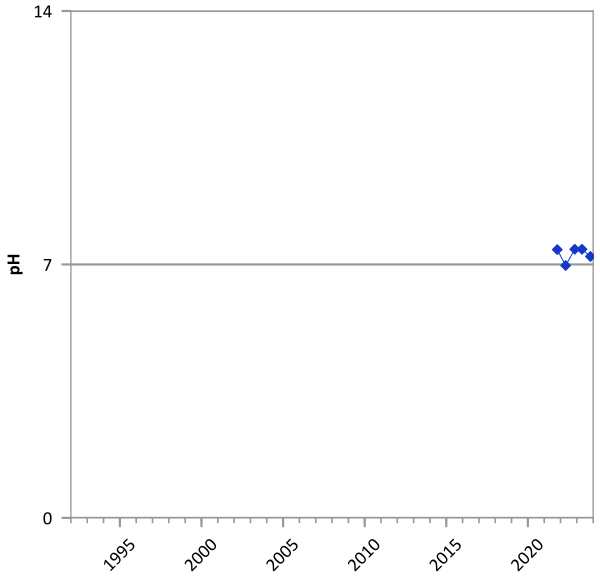
Well Location

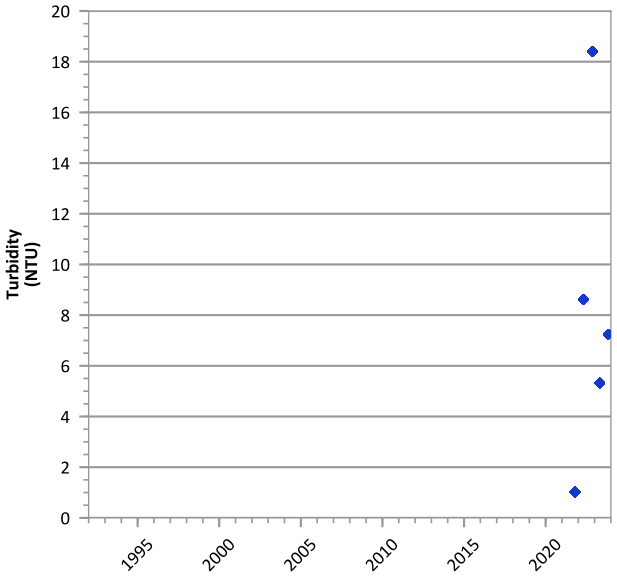


PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

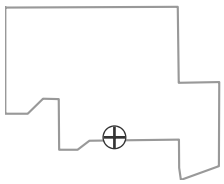






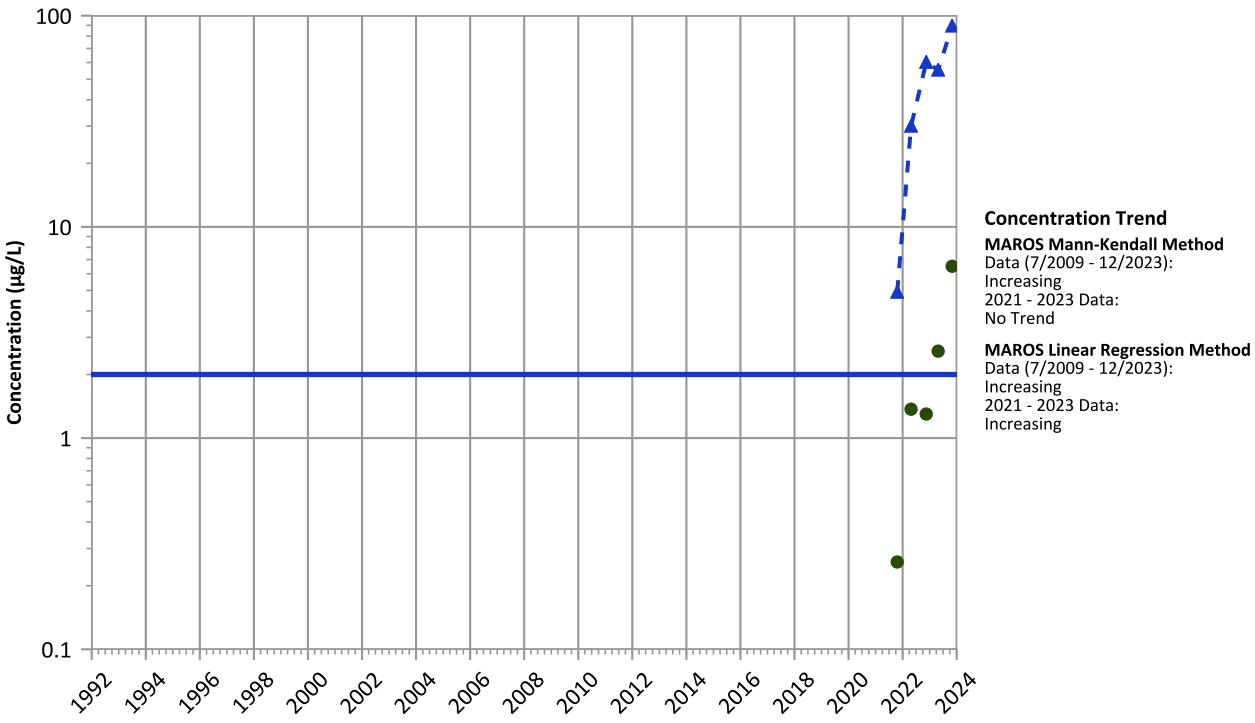


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

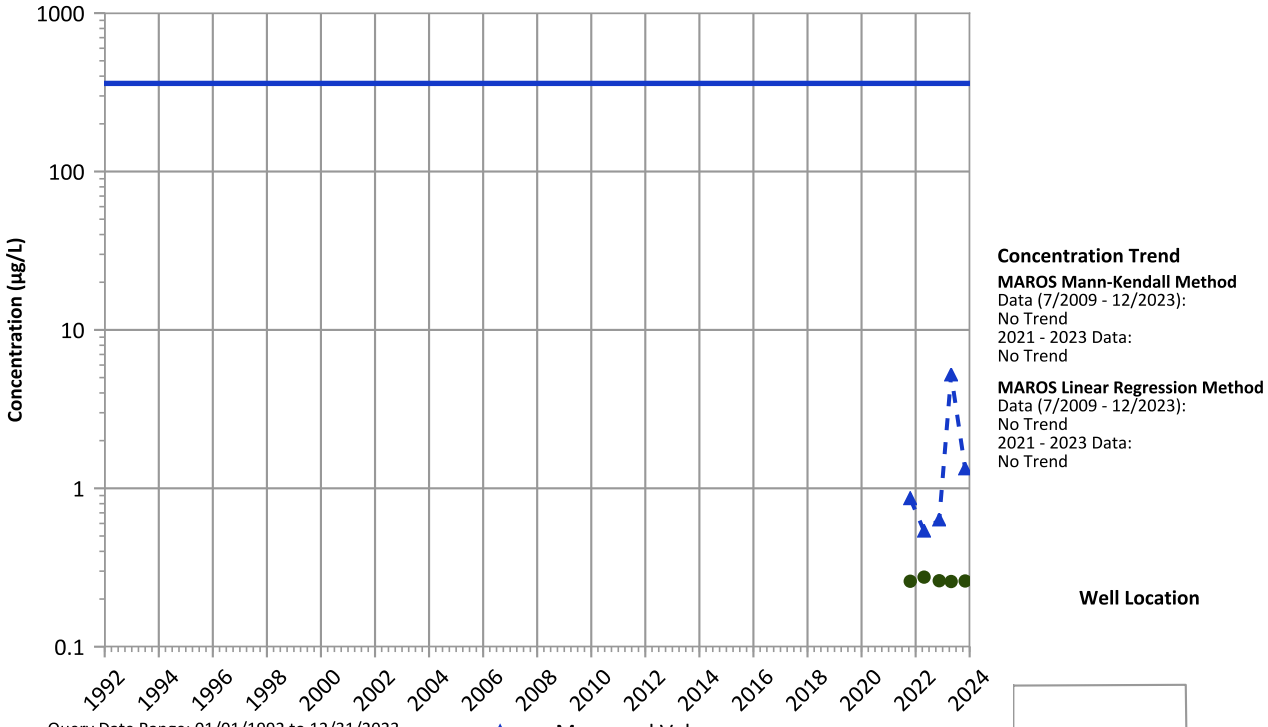


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

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



Concentration Trend

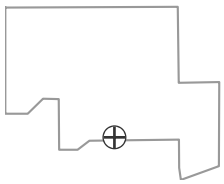
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

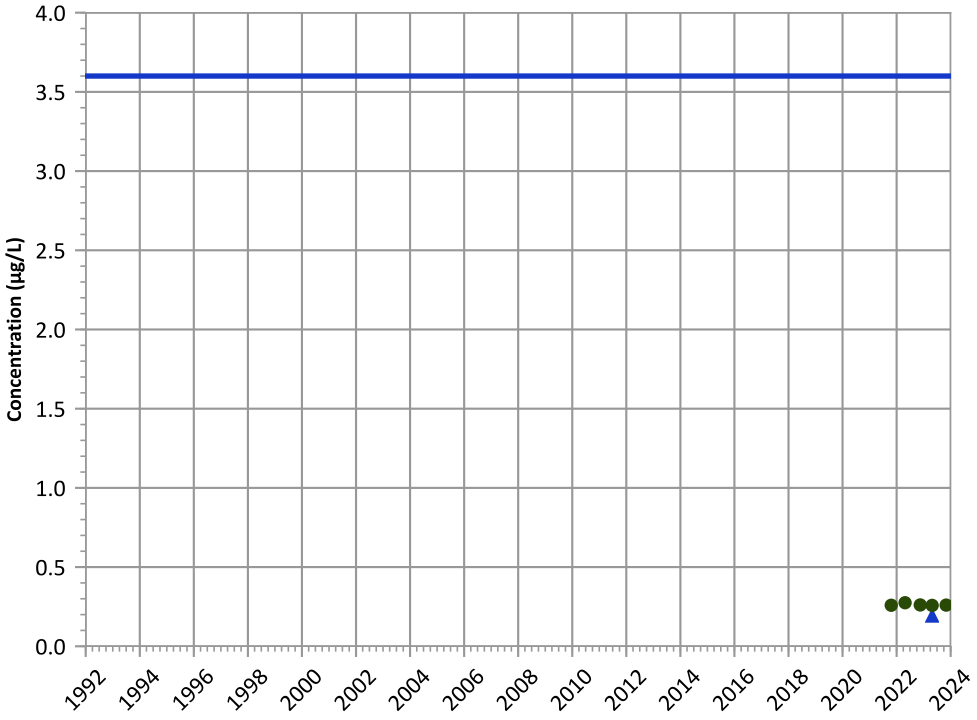
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

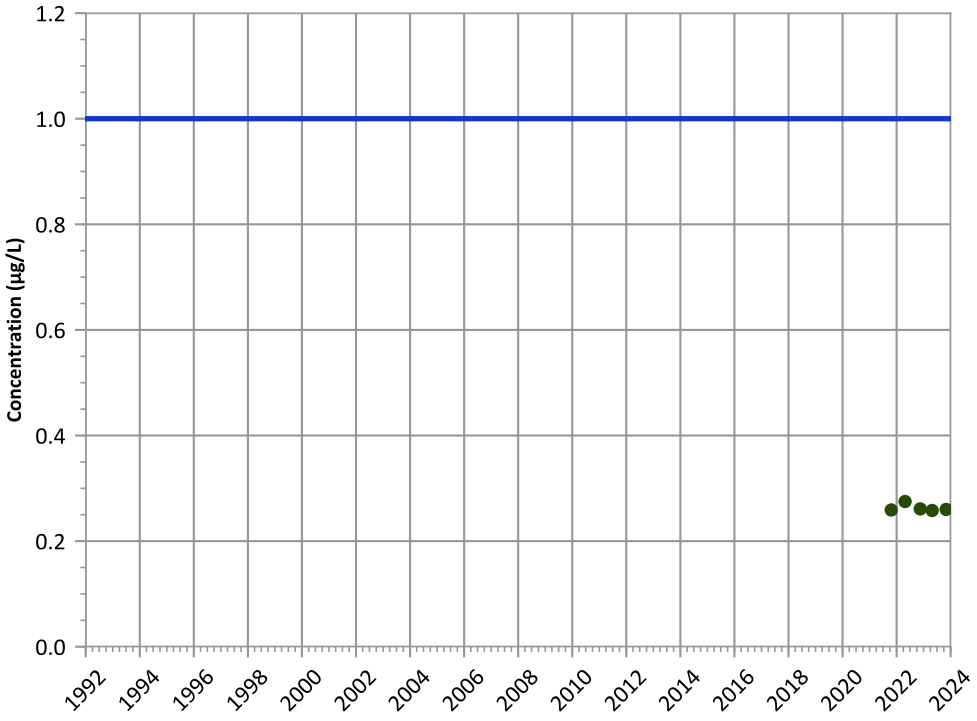


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

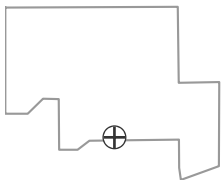
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

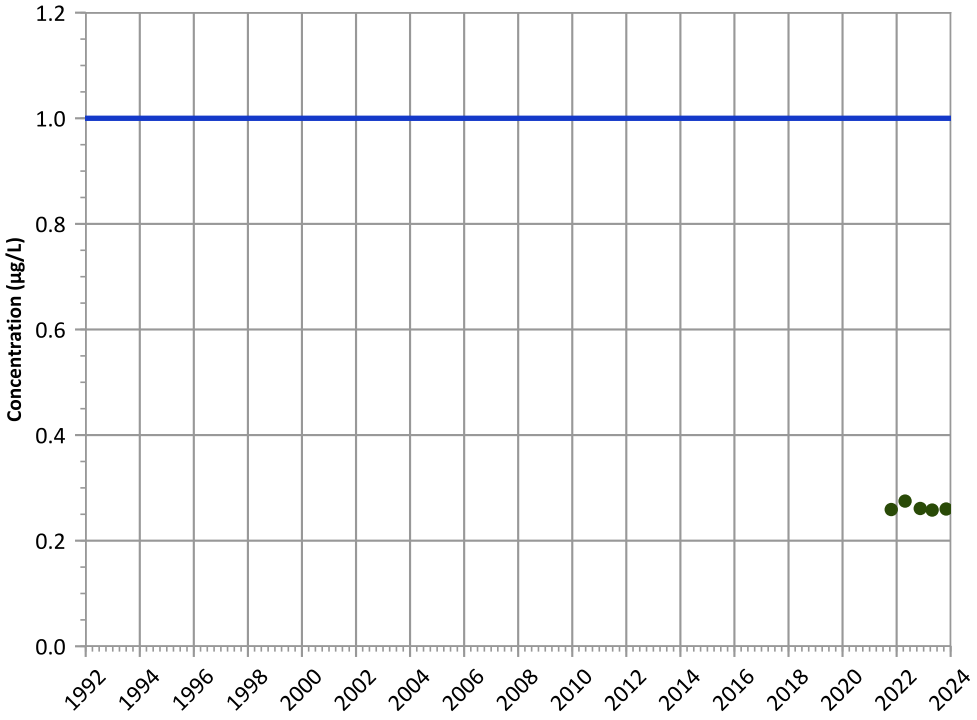
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

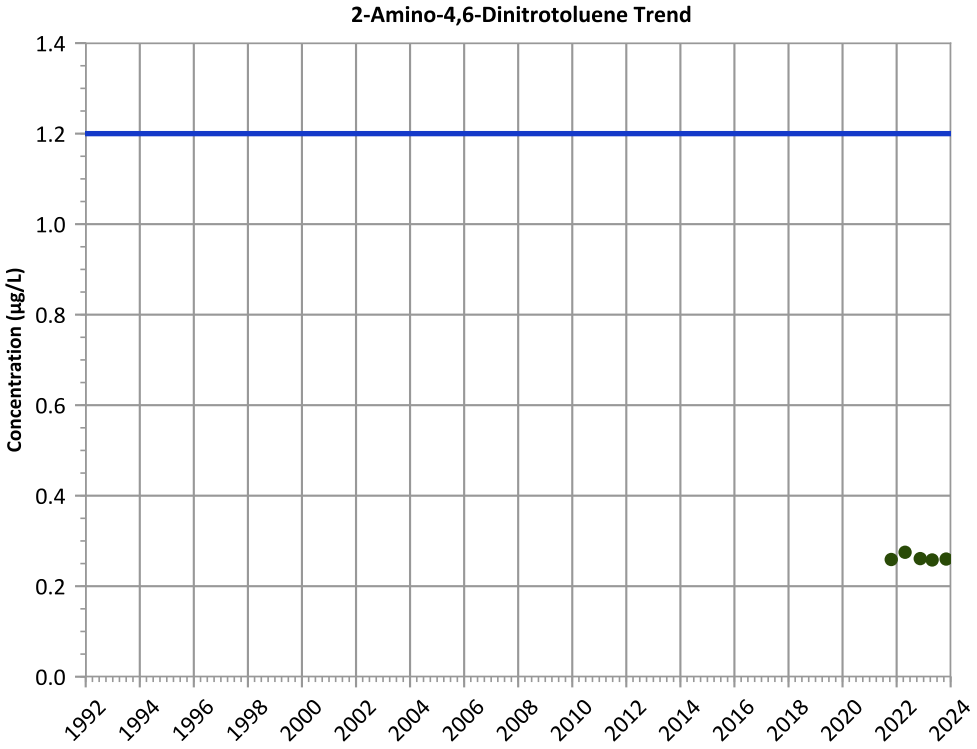


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

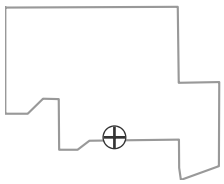
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

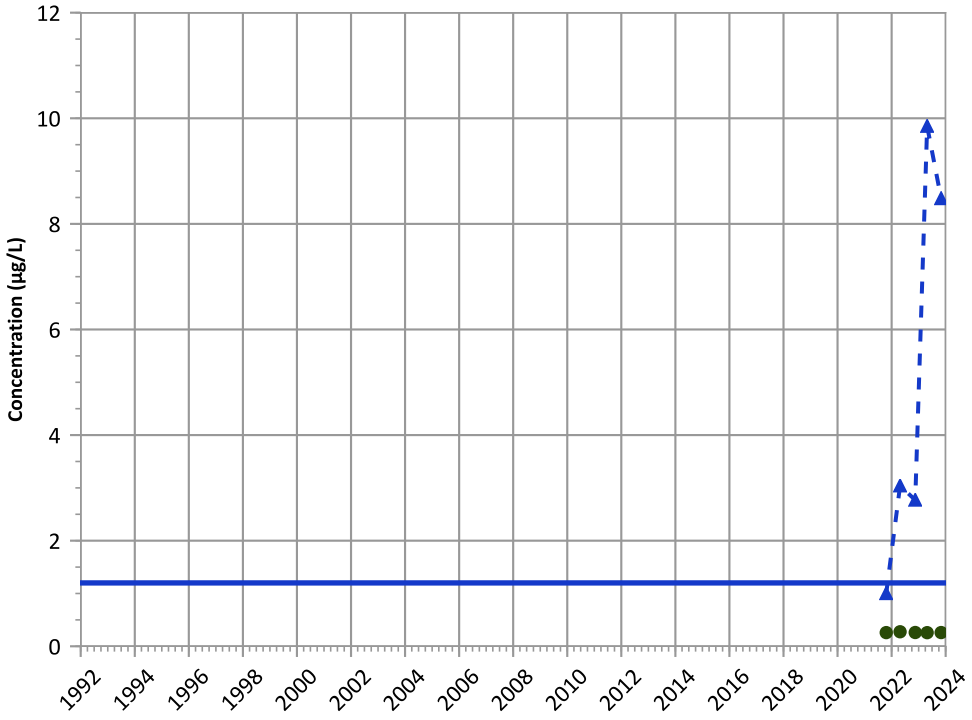
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

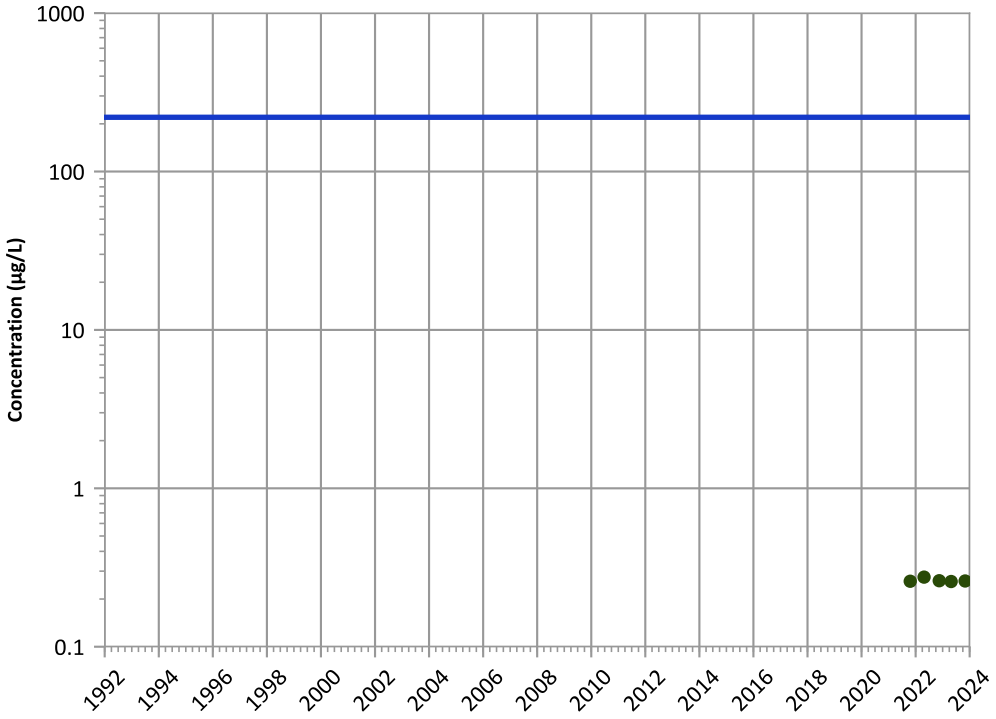


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend

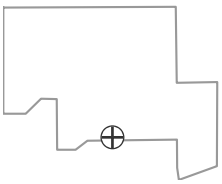


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Well Location

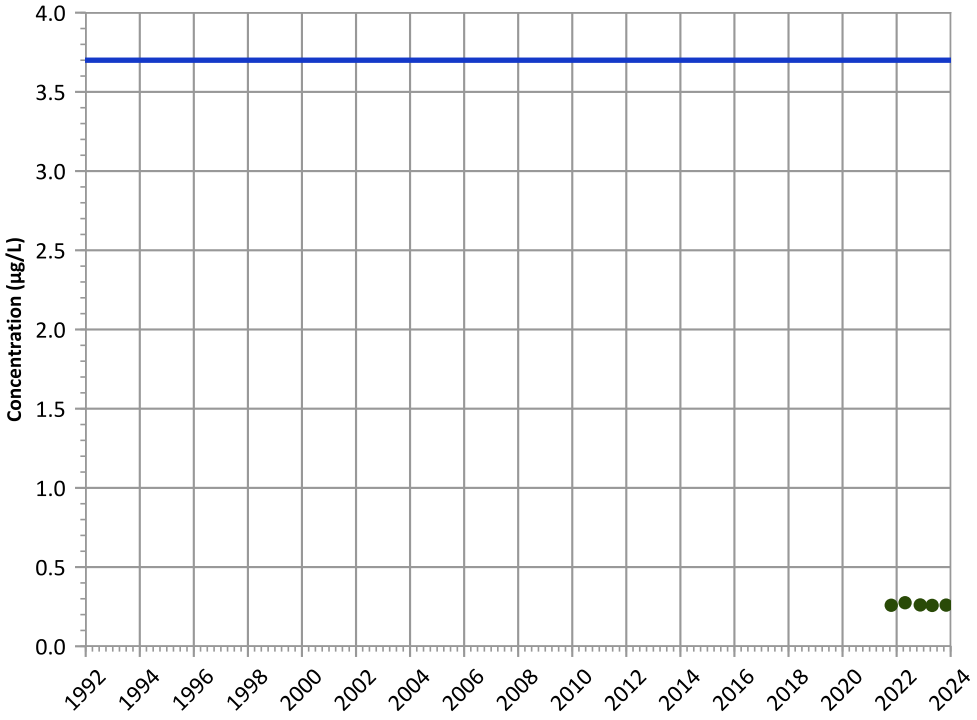


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

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

PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

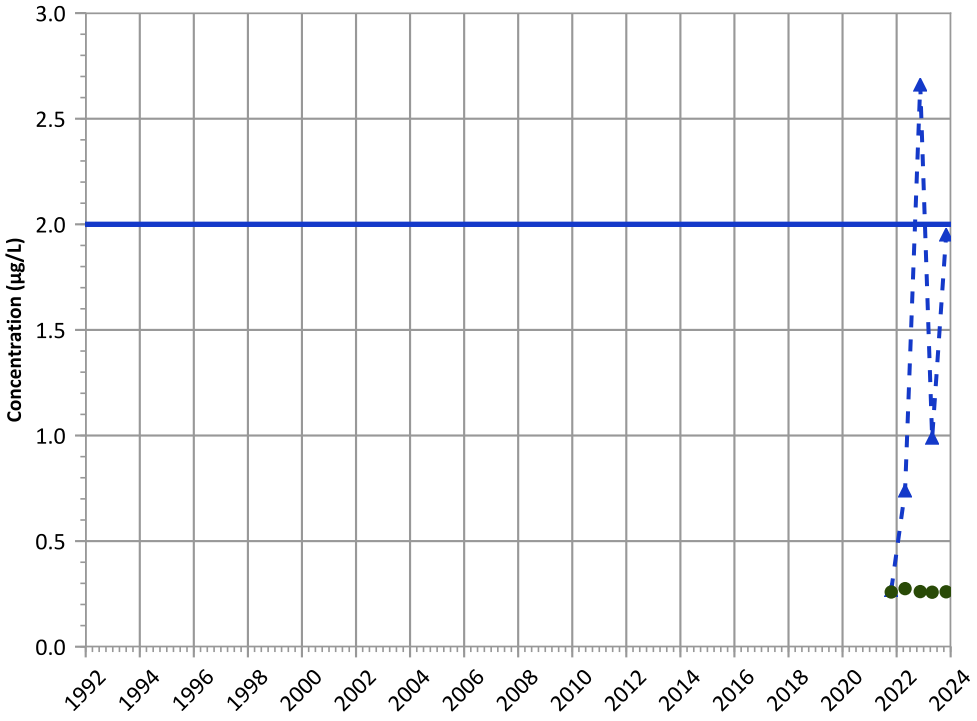


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

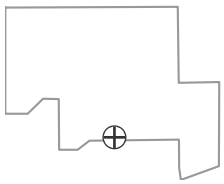
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

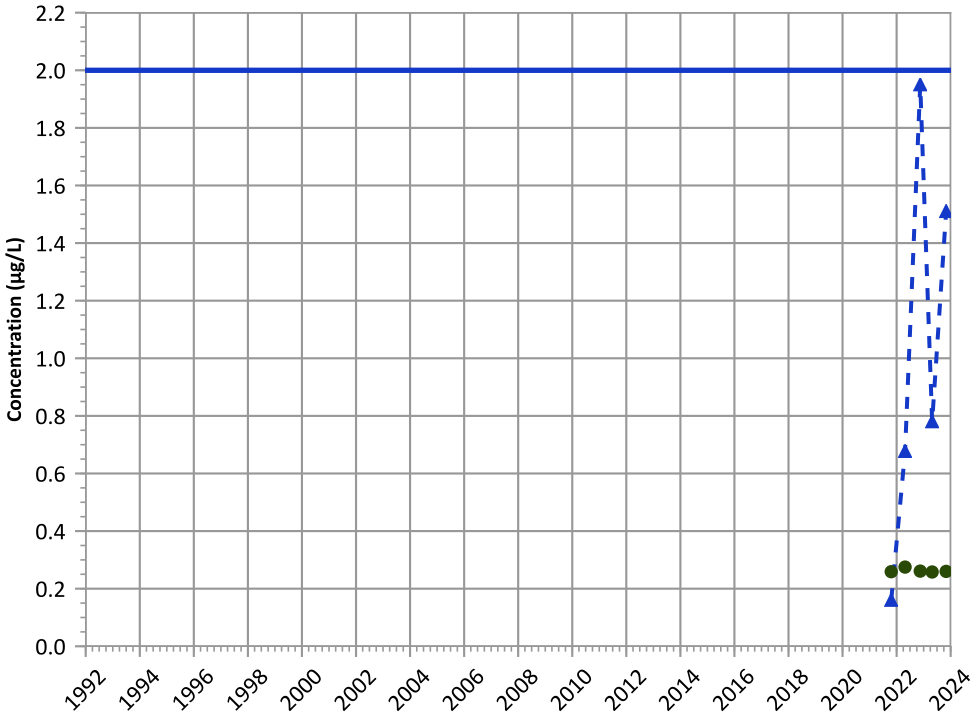
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

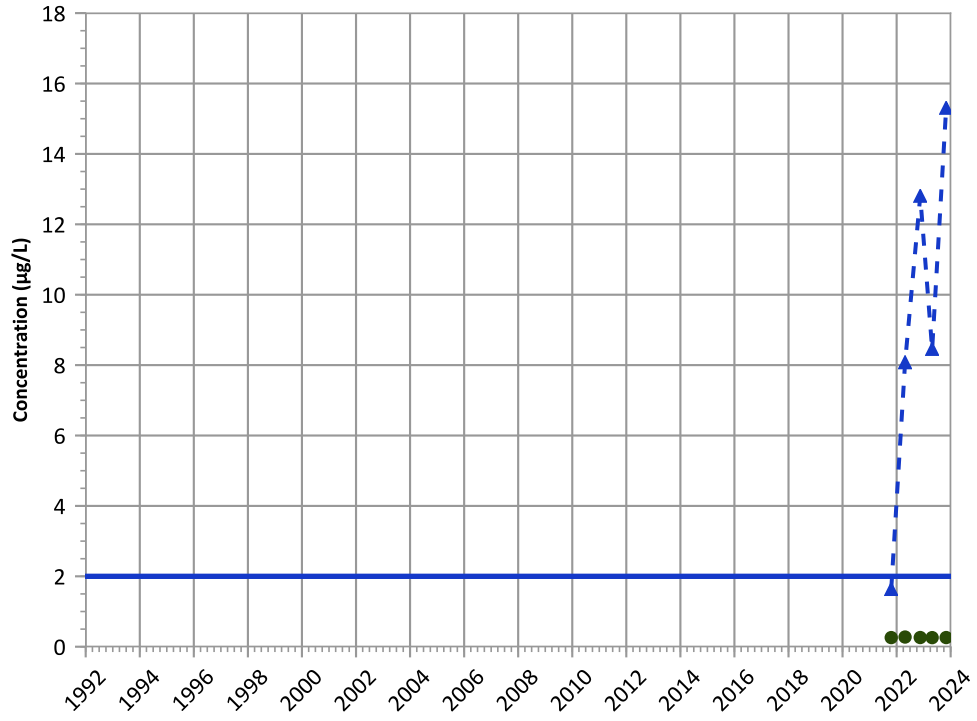


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

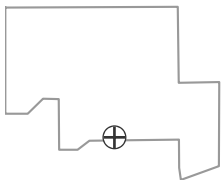
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

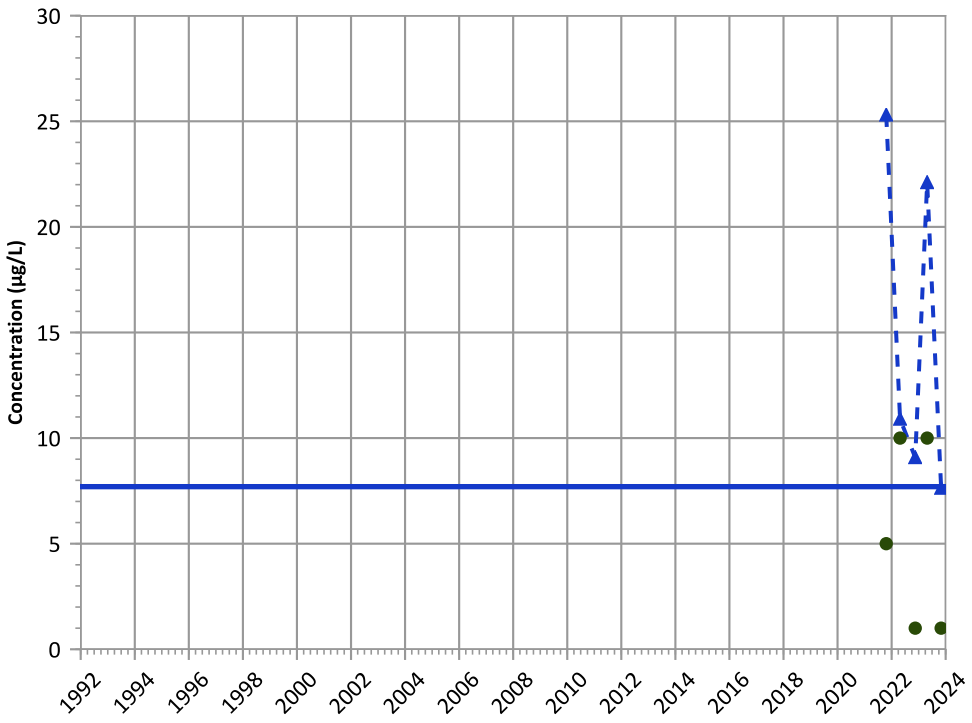
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

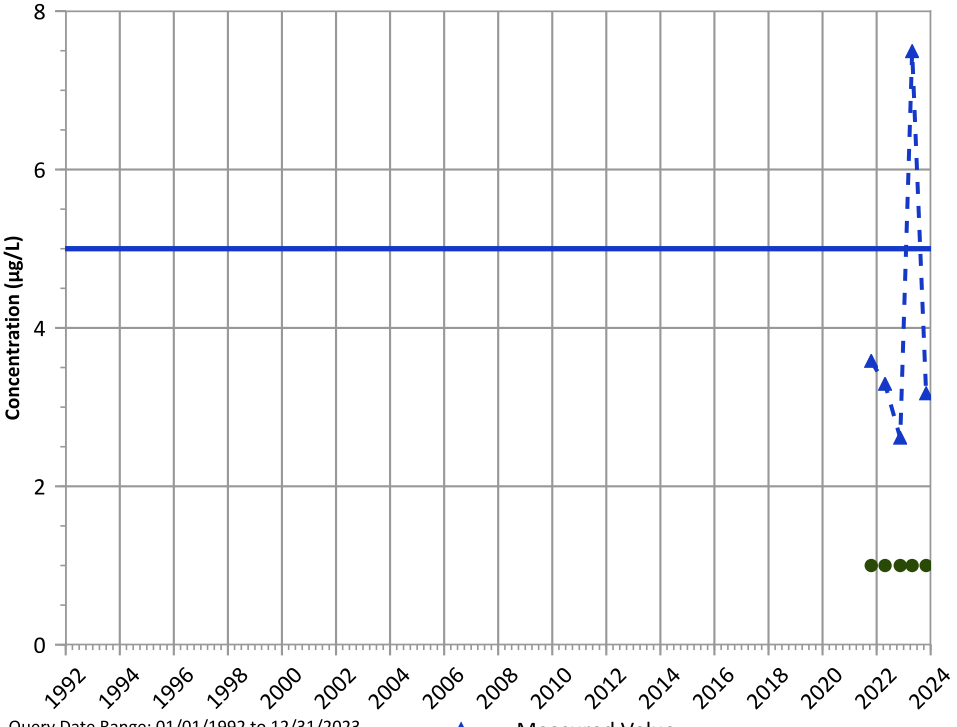


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

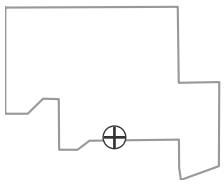
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

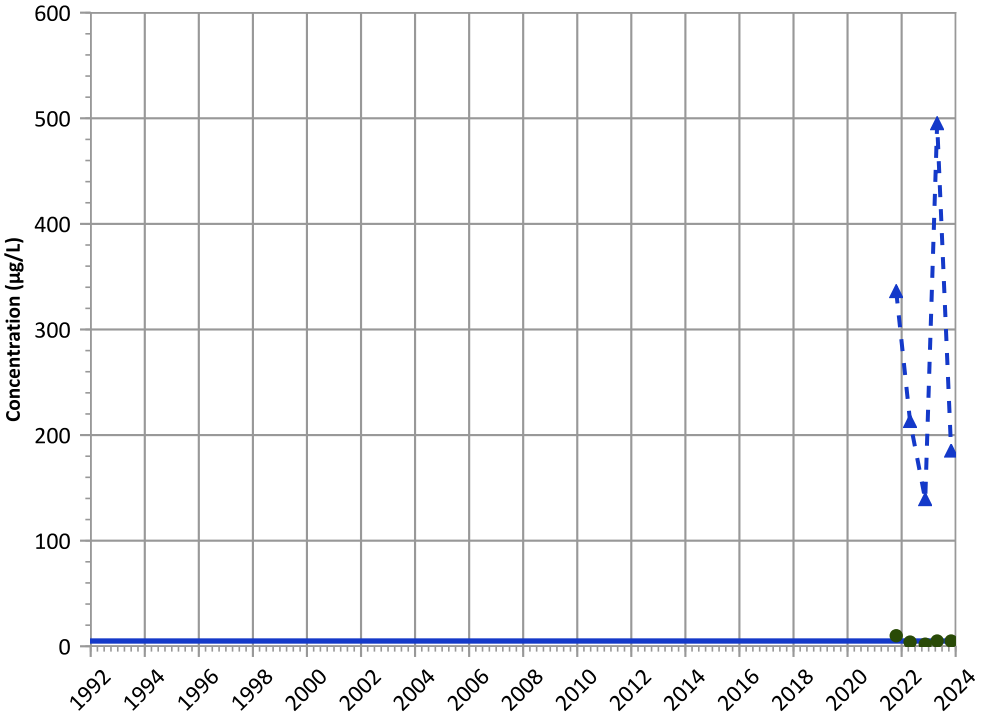
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

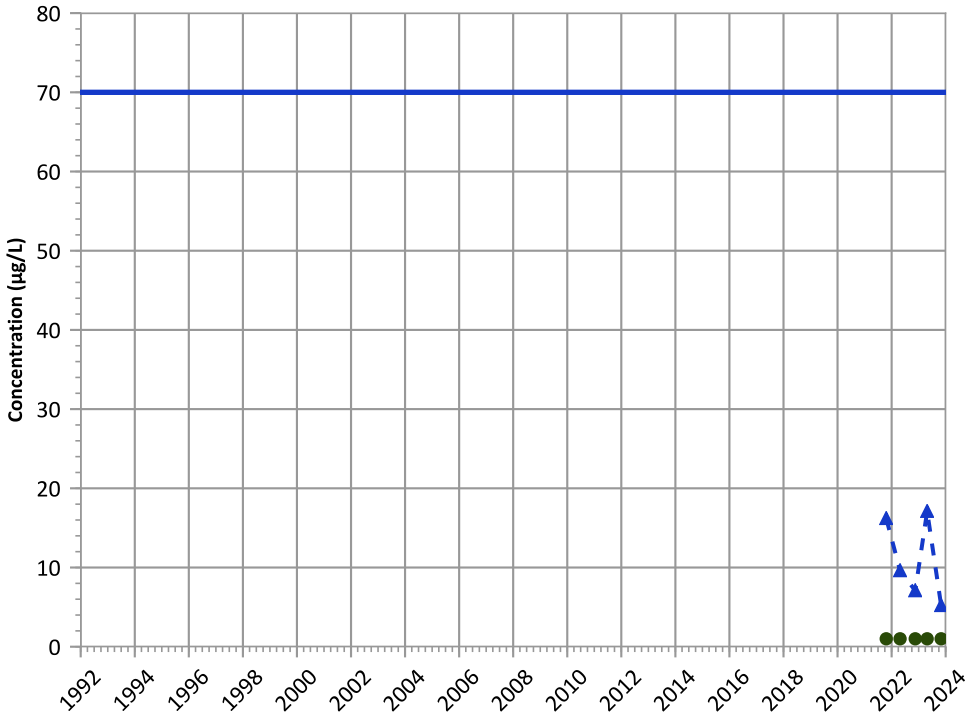


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

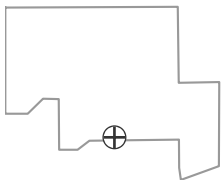
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

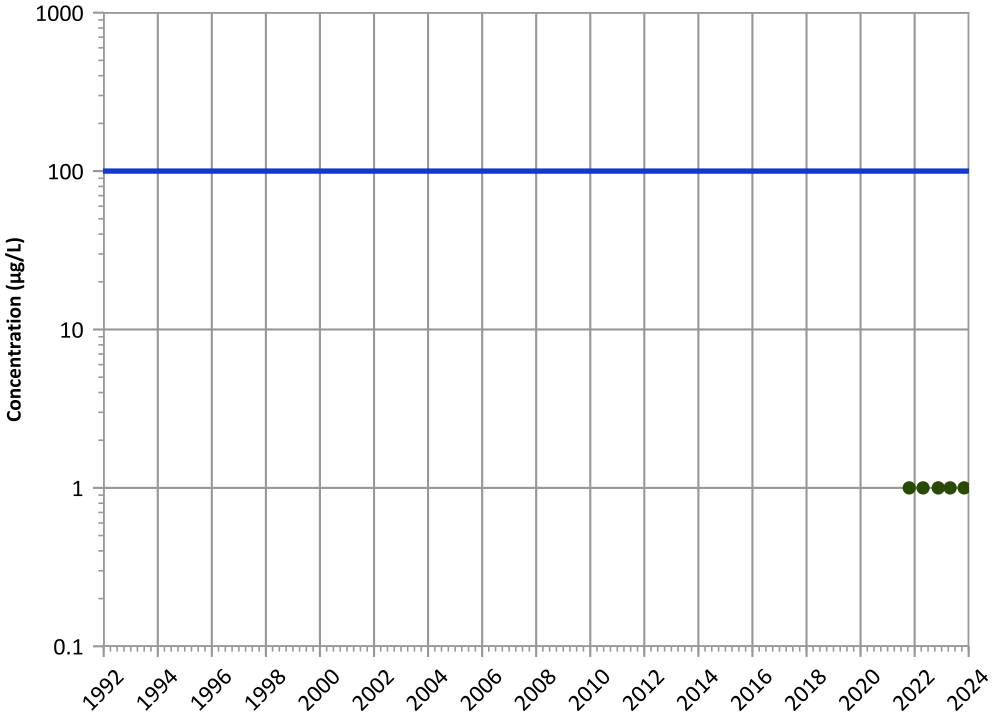
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

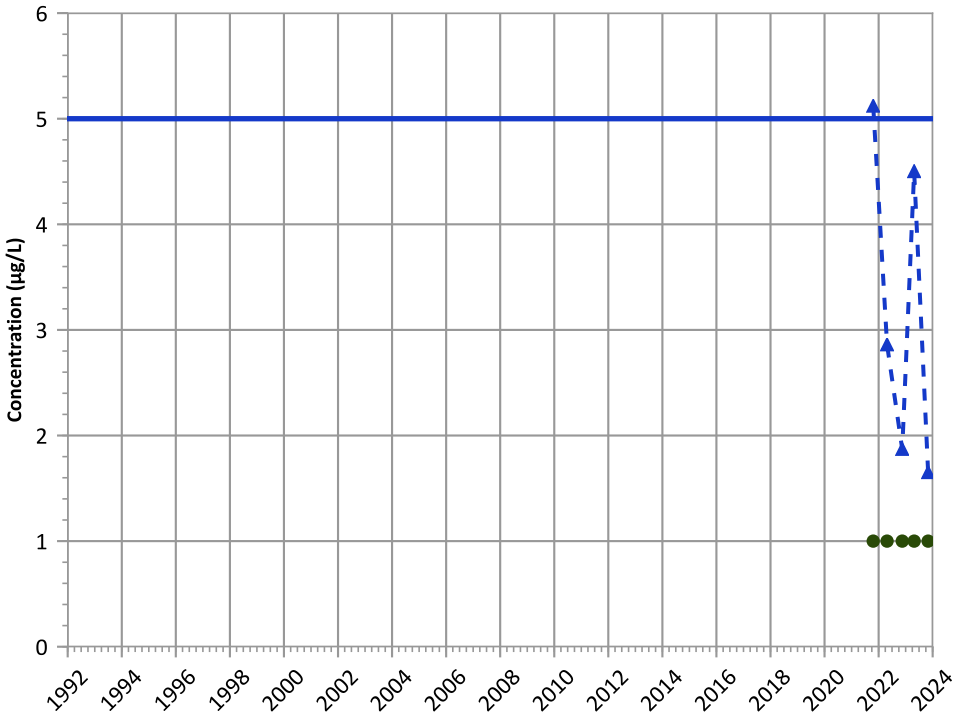


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

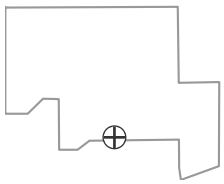
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

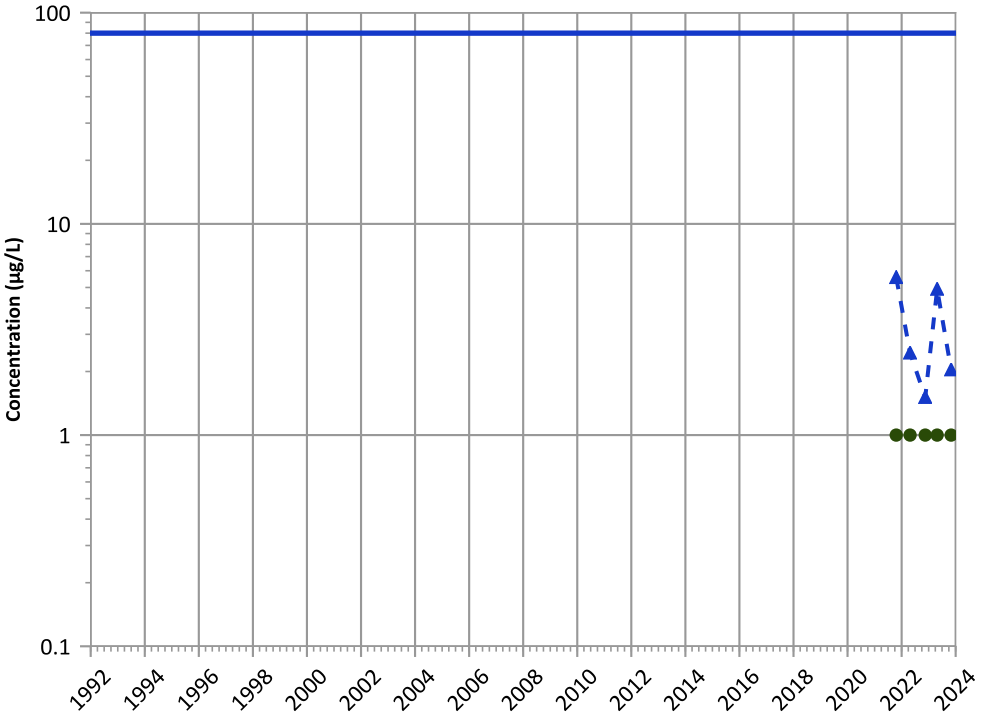
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

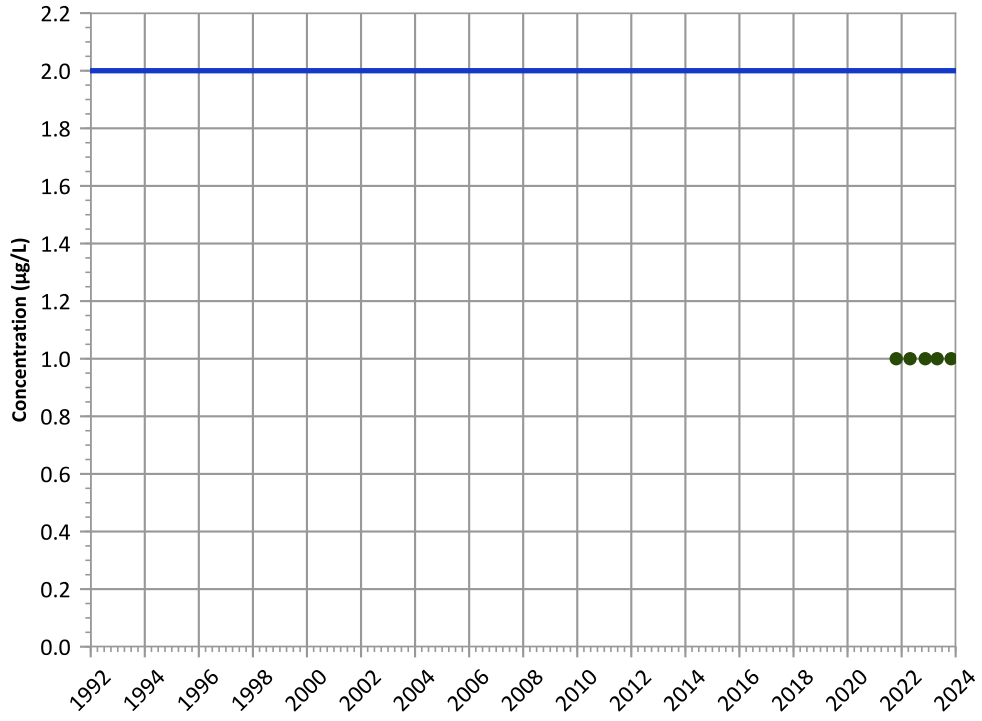


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

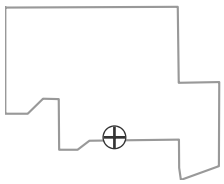
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

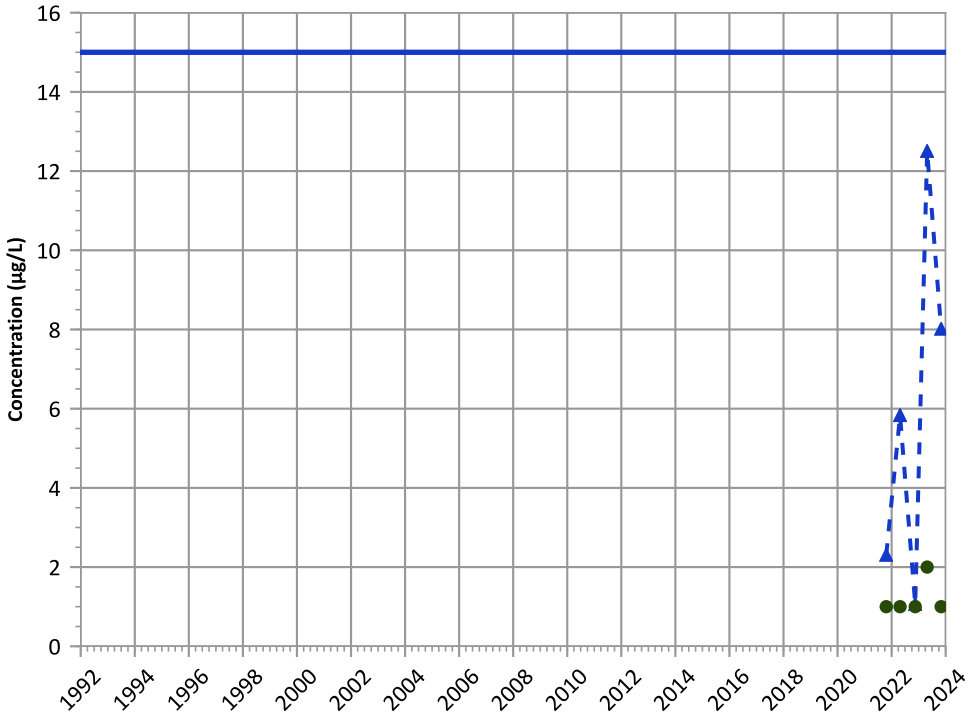
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

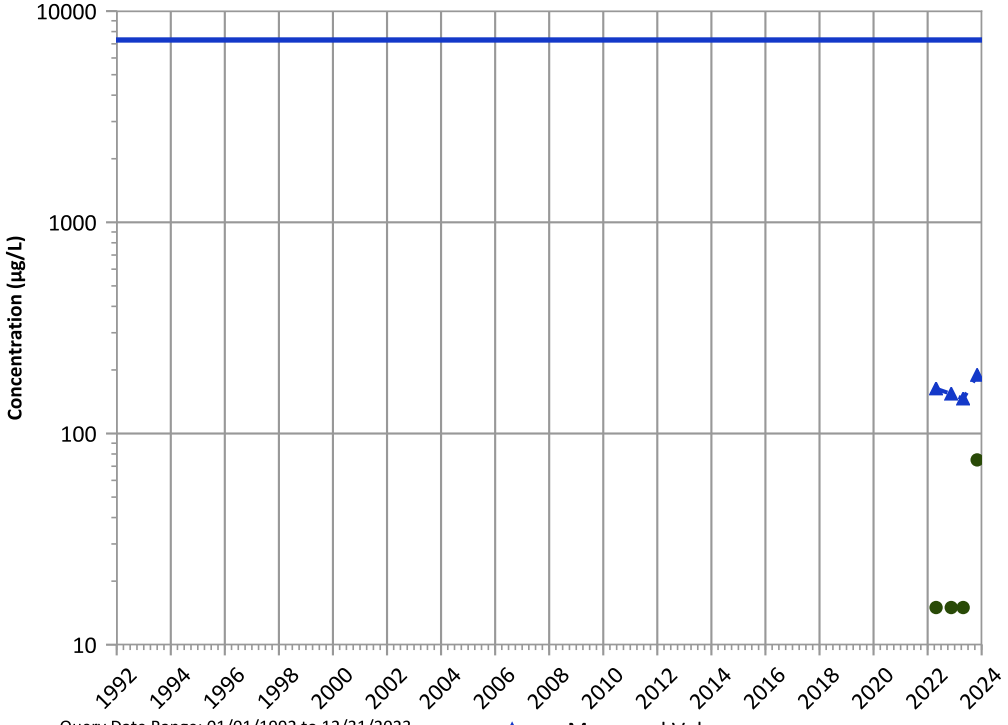


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Boron Trend



Concentration Trend

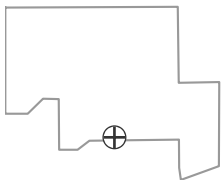
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

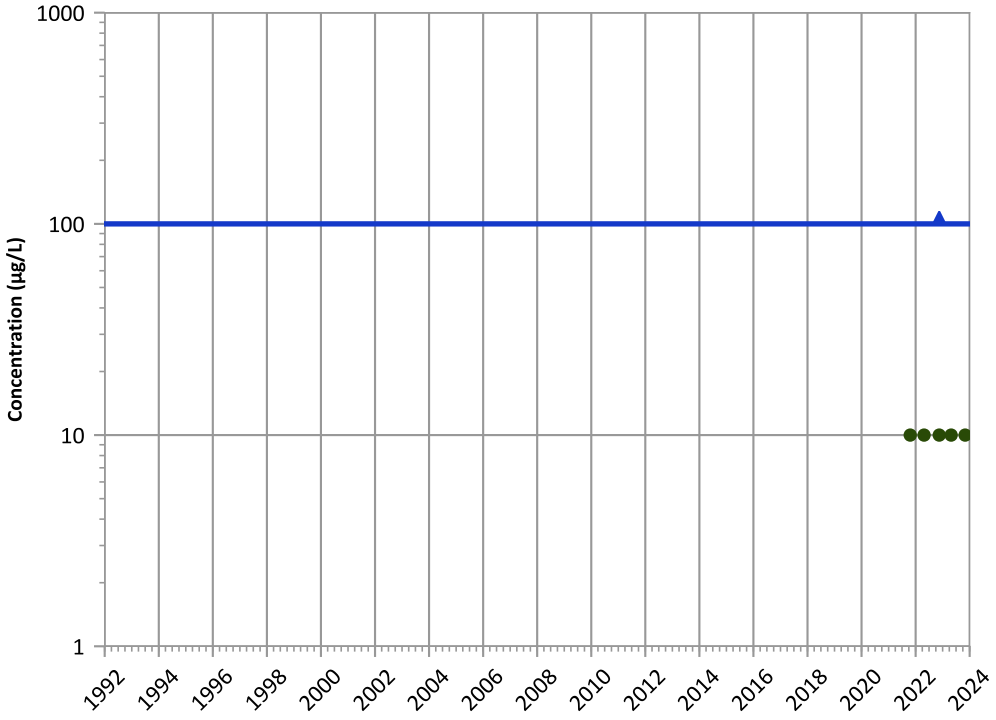
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1211 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

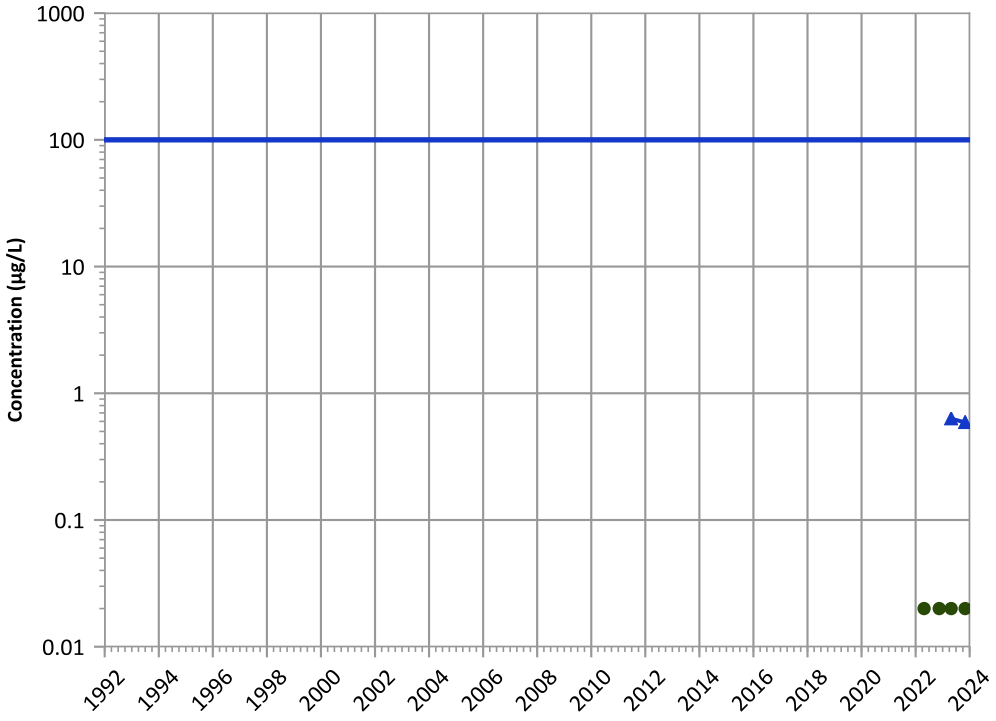


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

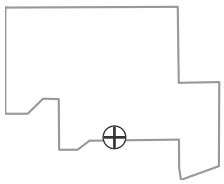
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

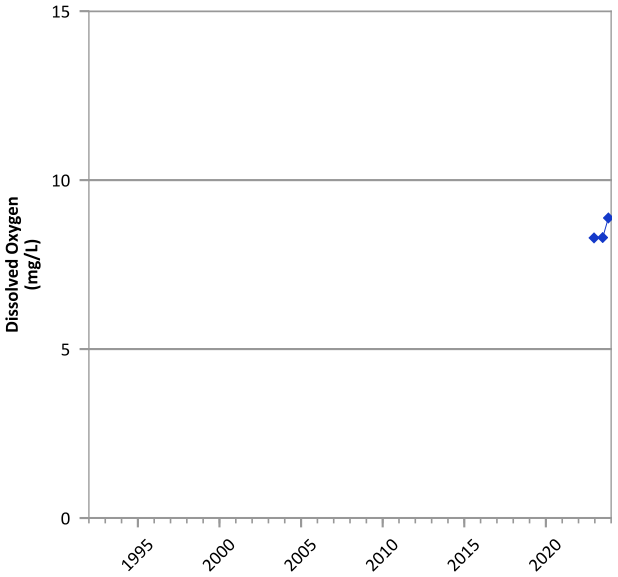
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/20/2021 to 11/01/2023
Analysis Date: 04/01/2024

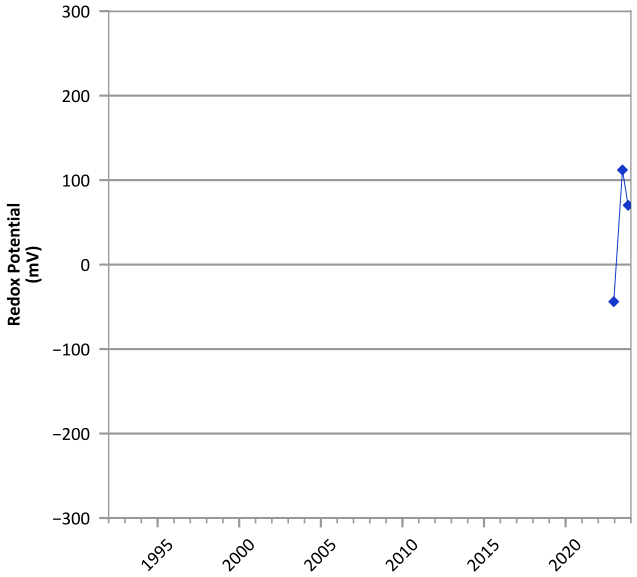
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

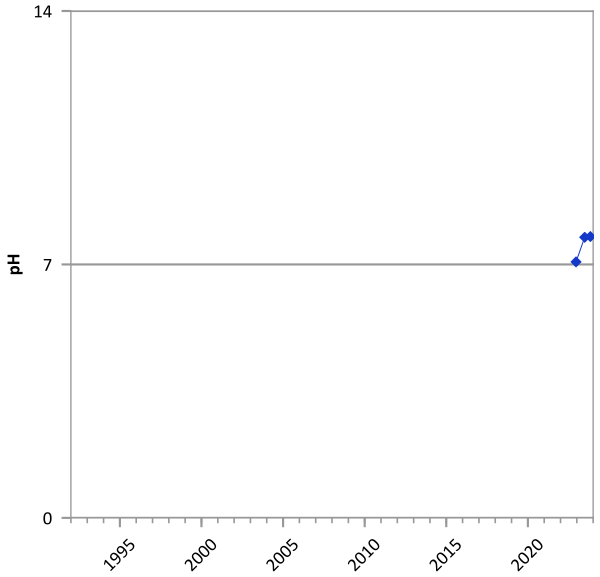
Well Location

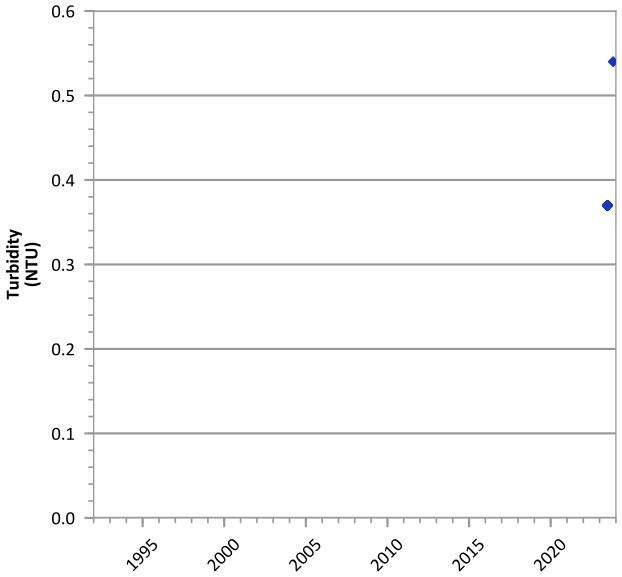


PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

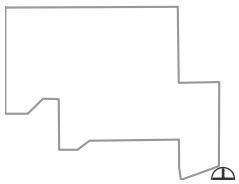






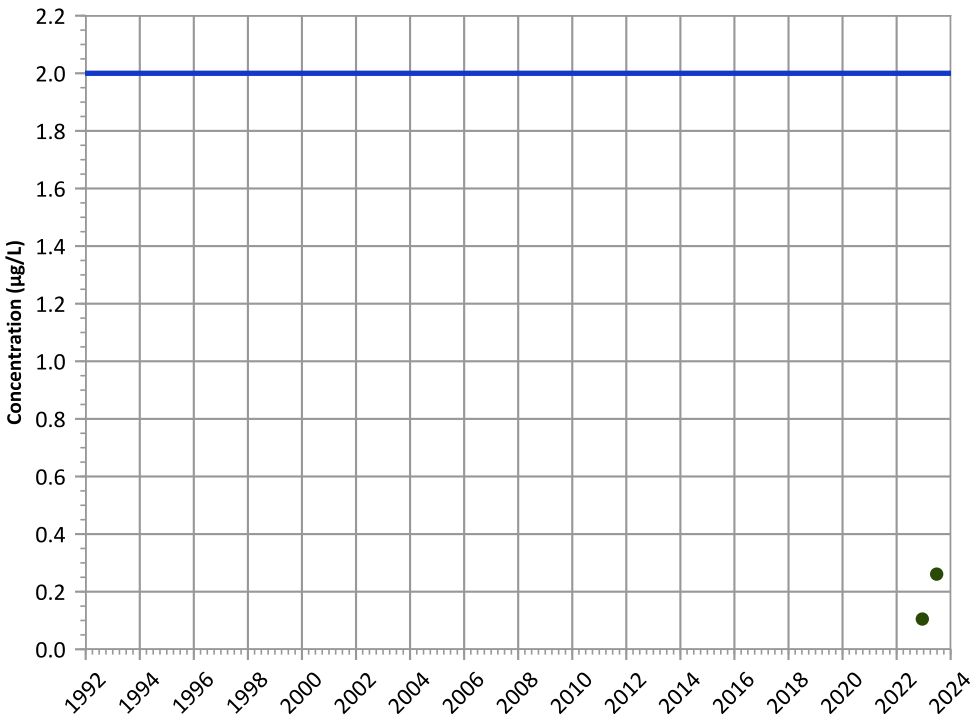


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

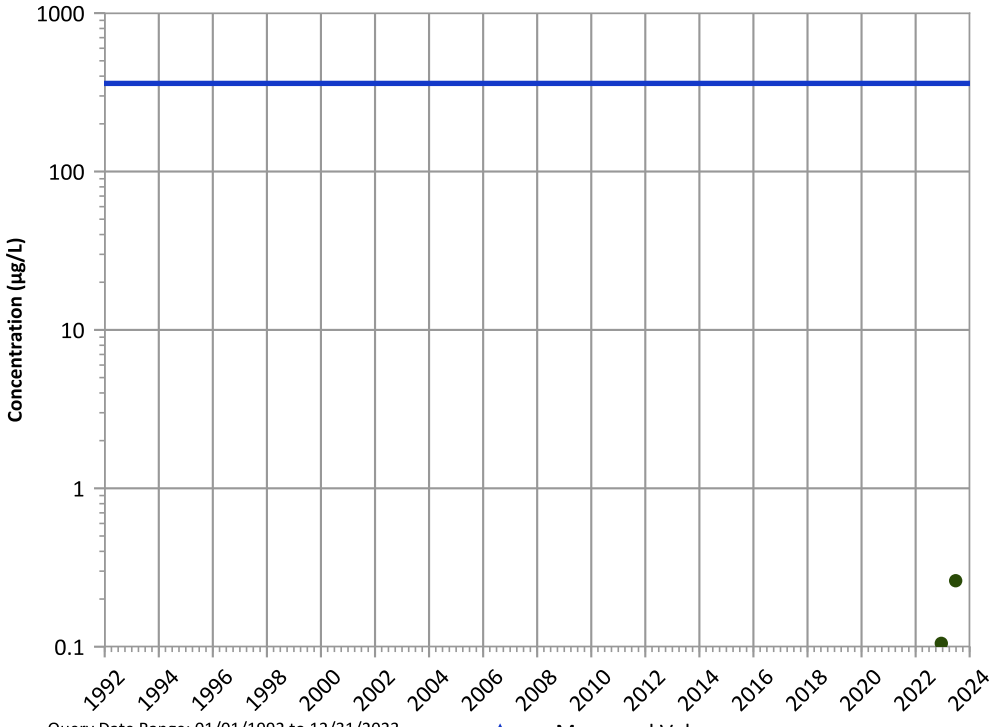


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

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

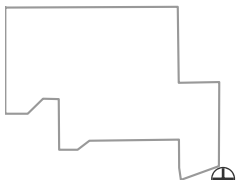


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

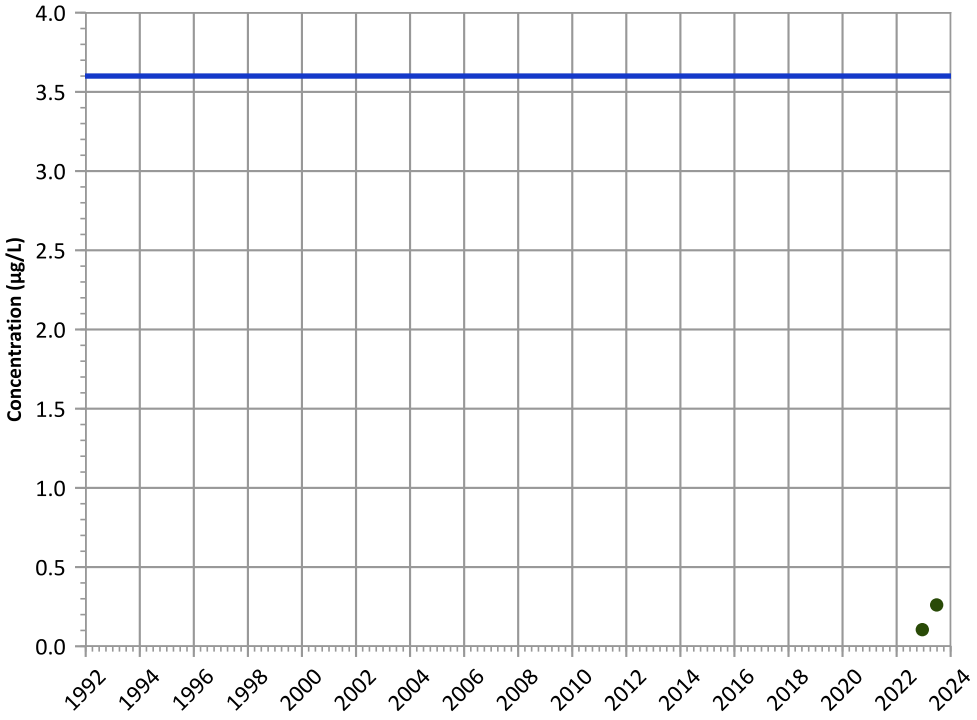


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

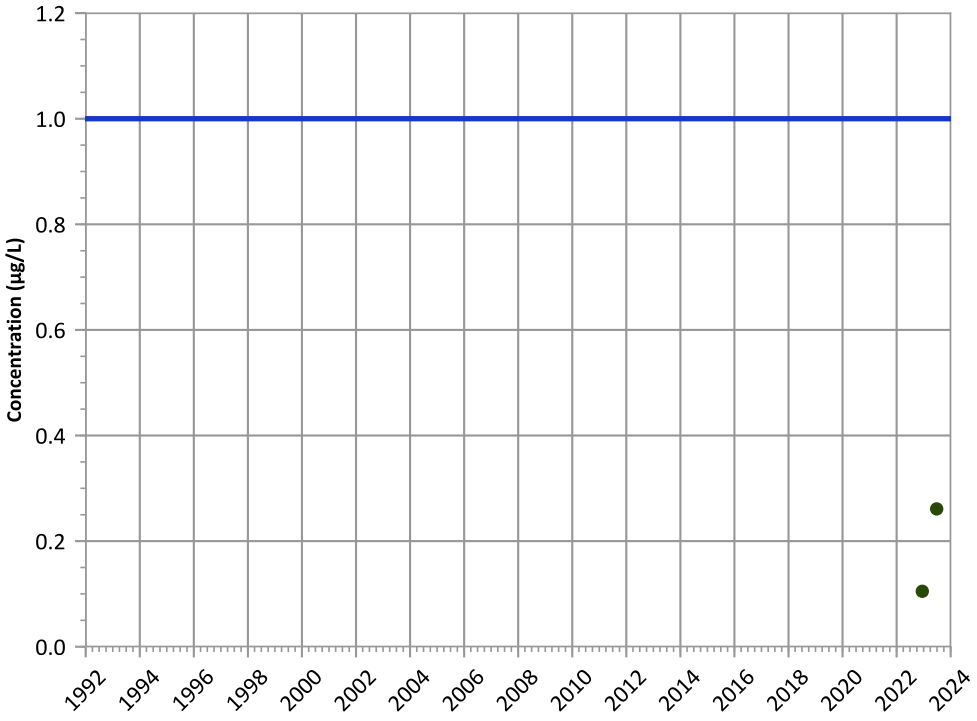


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

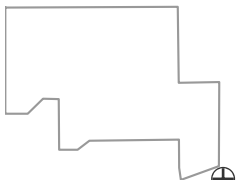
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

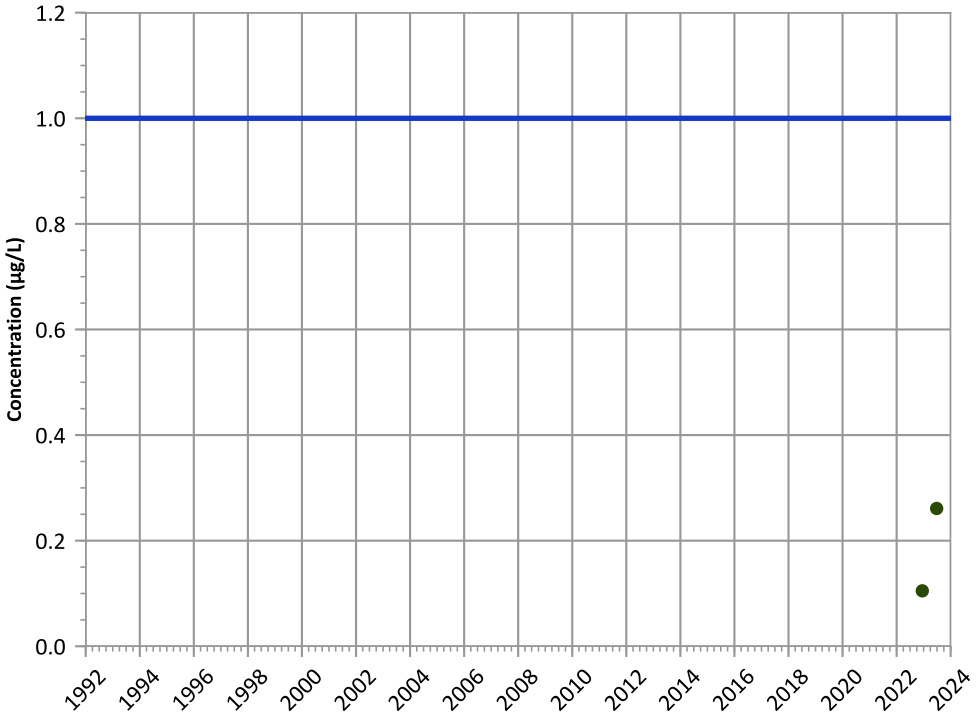
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

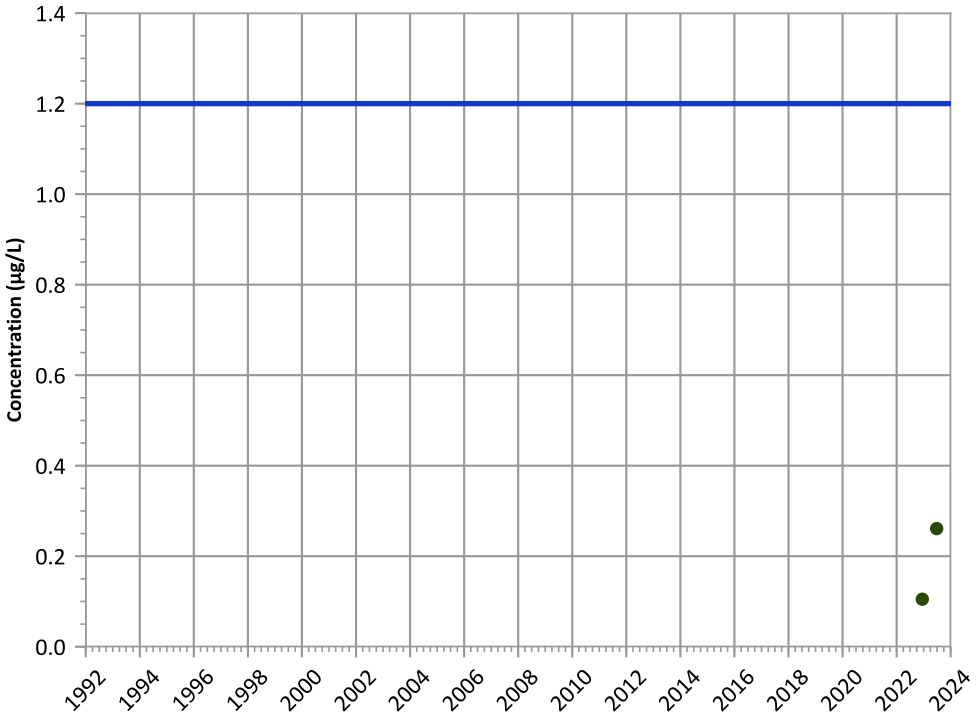


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

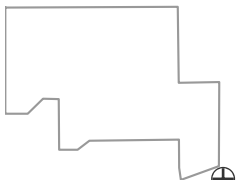
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

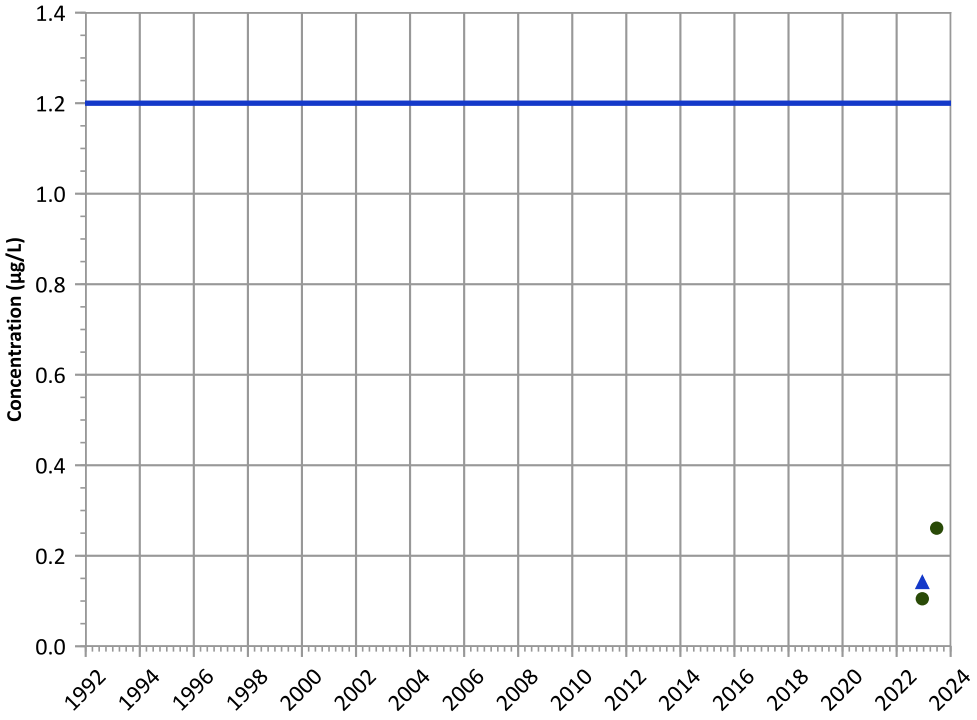
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

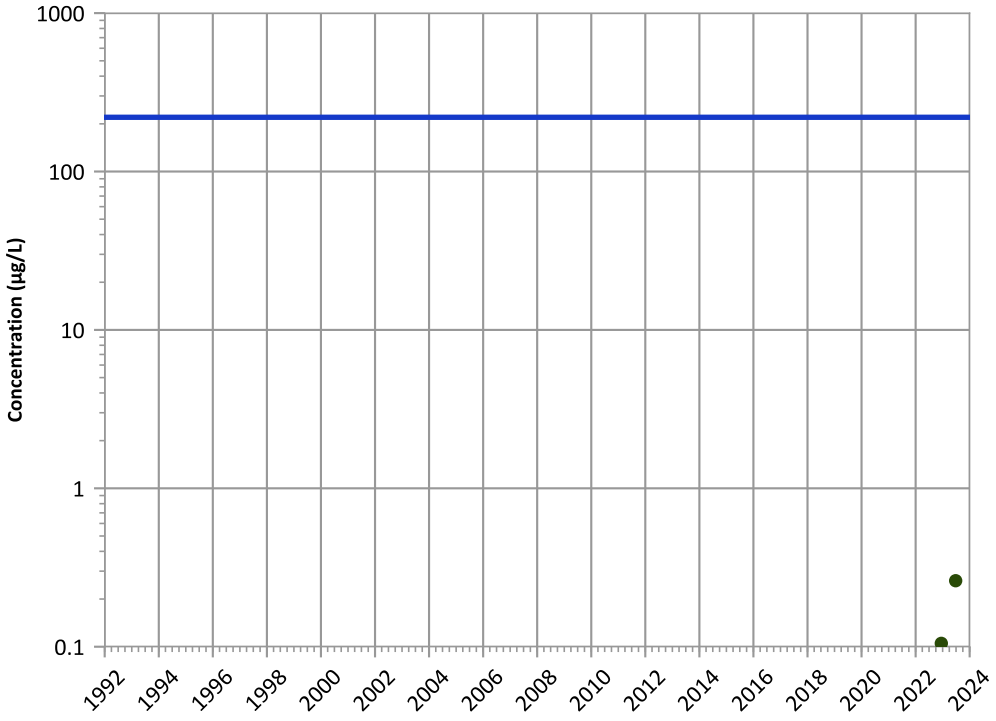


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

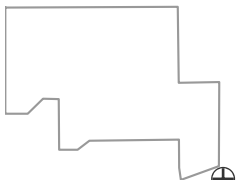
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

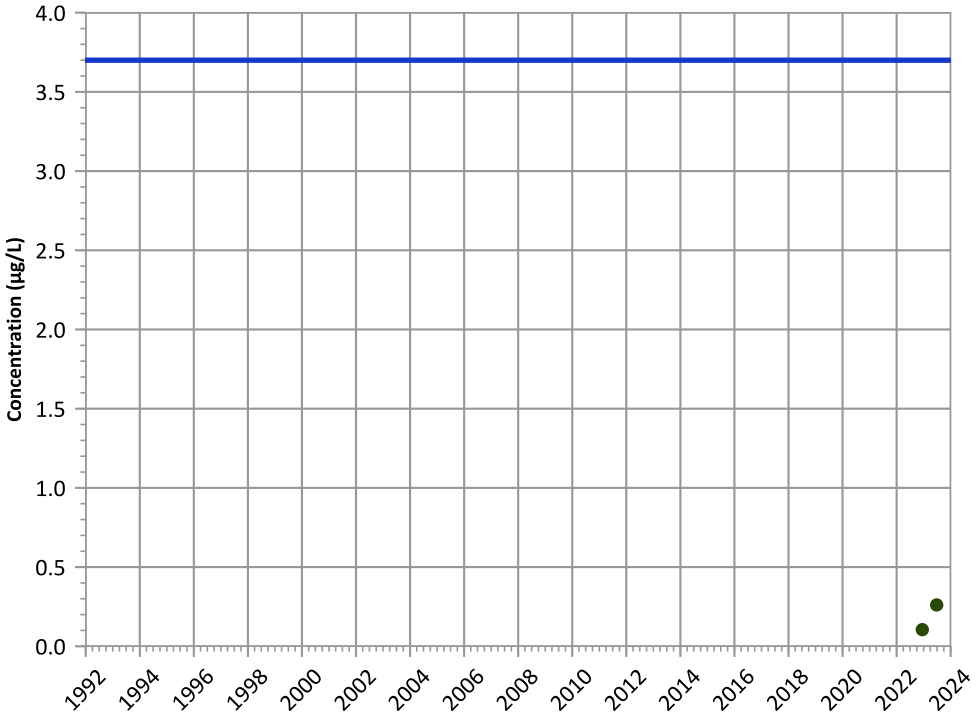
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

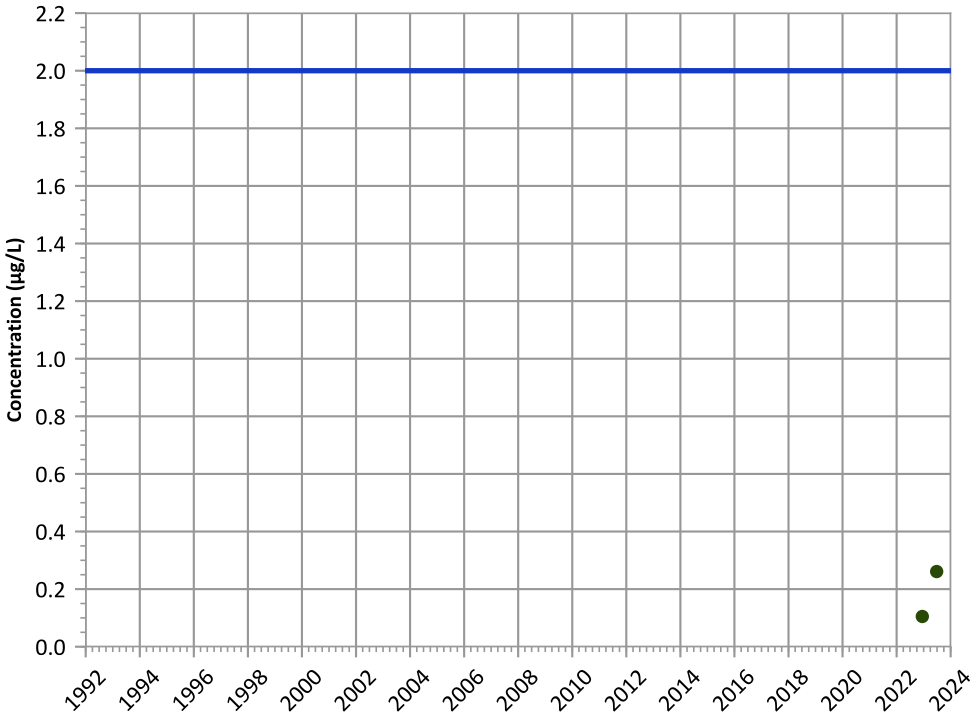


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

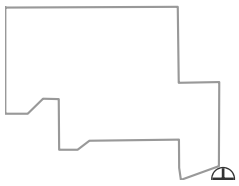
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

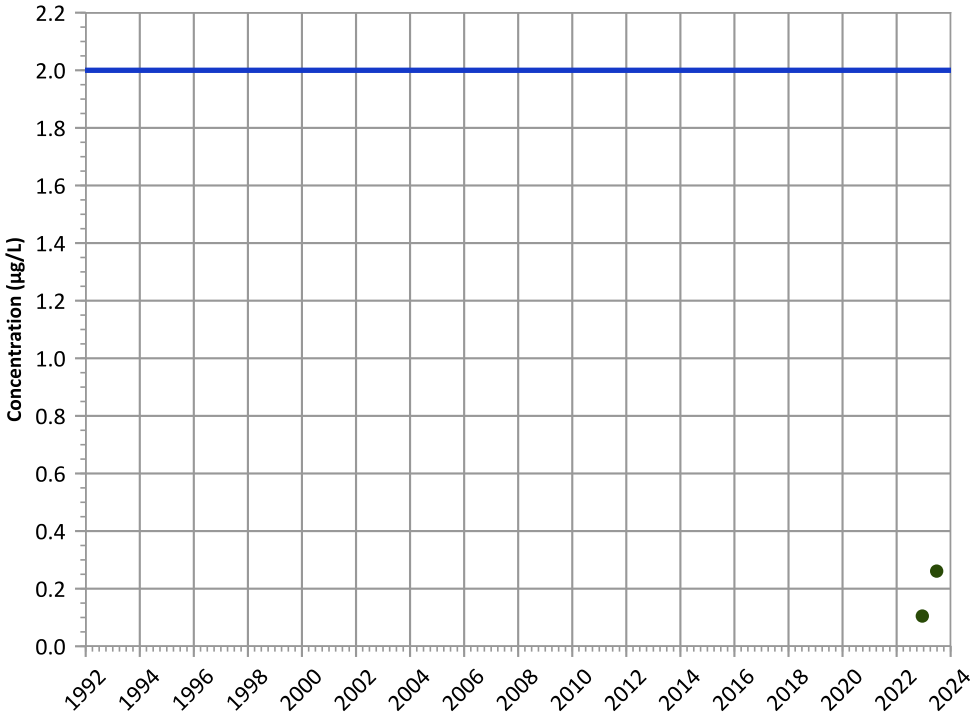
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

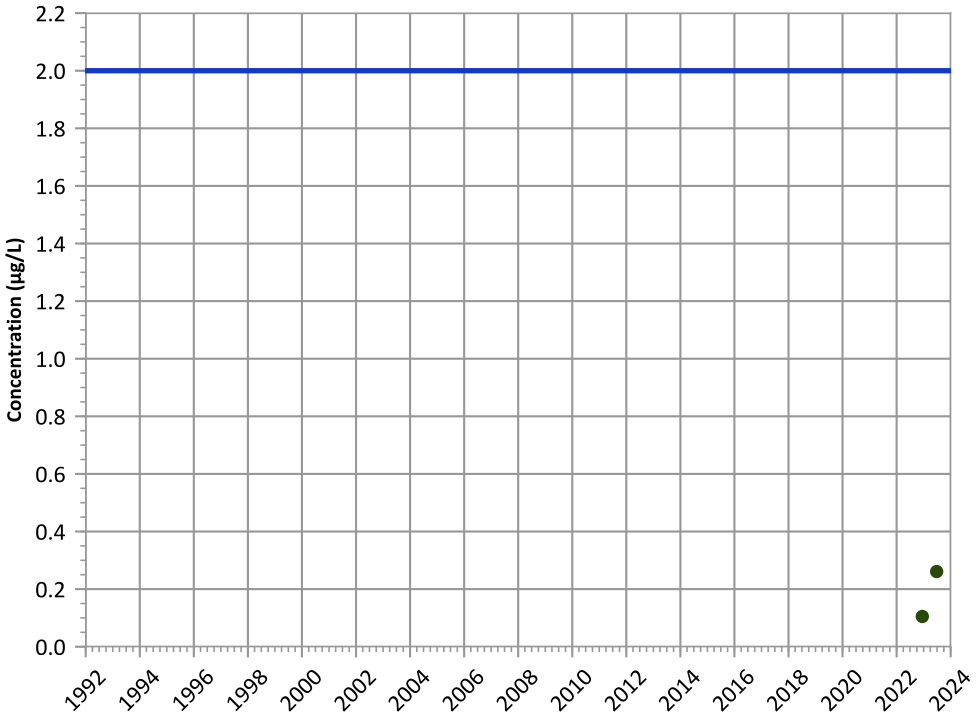


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

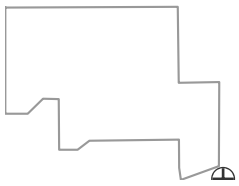
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

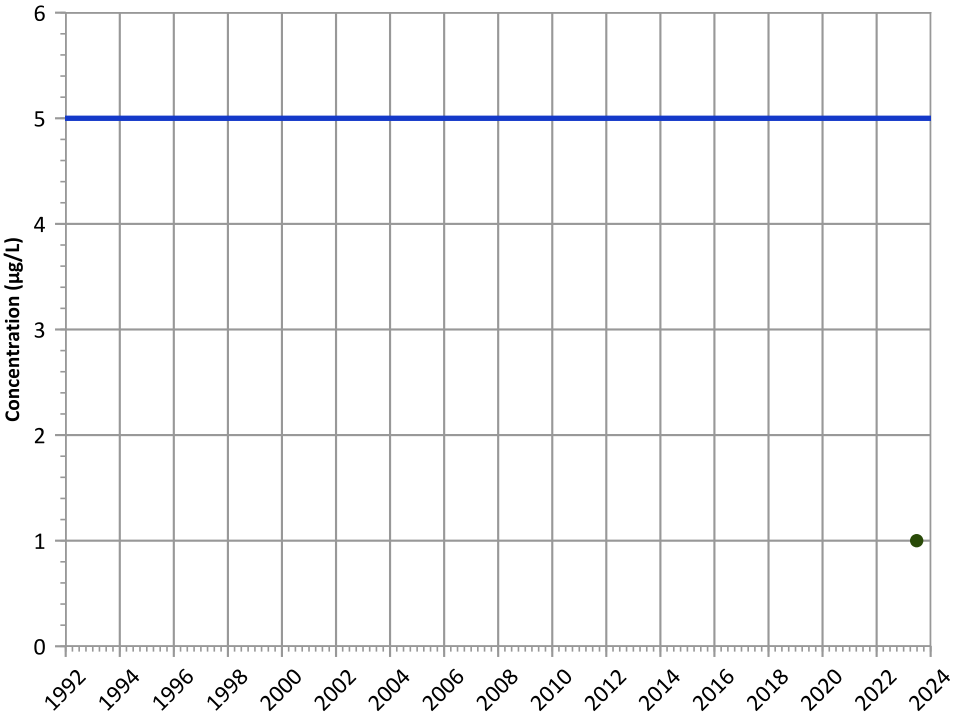
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

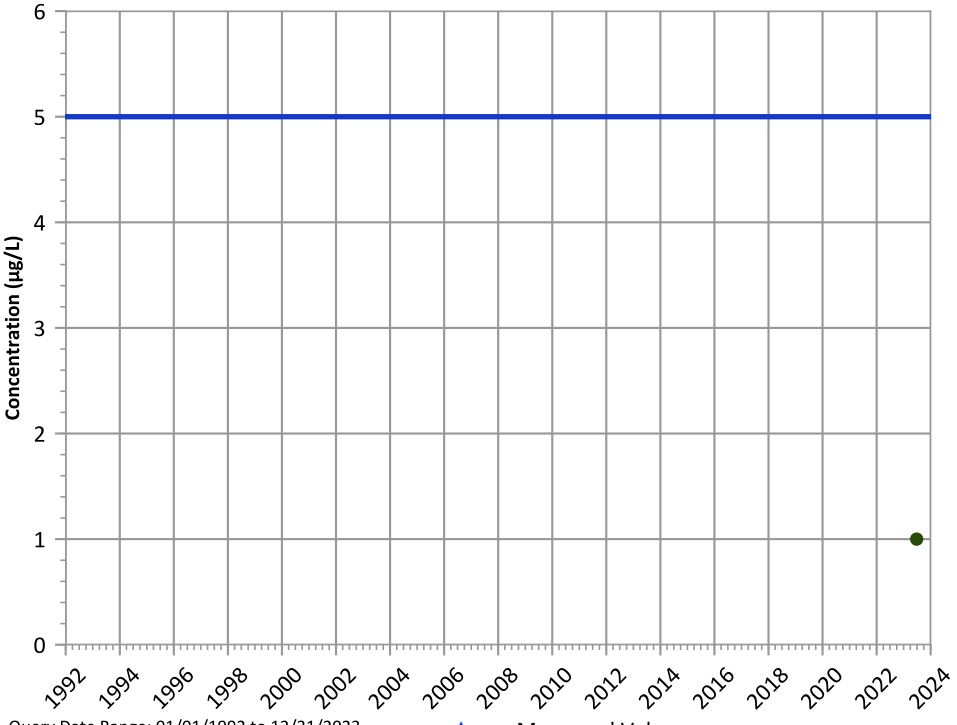


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

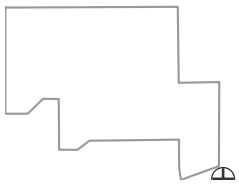
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

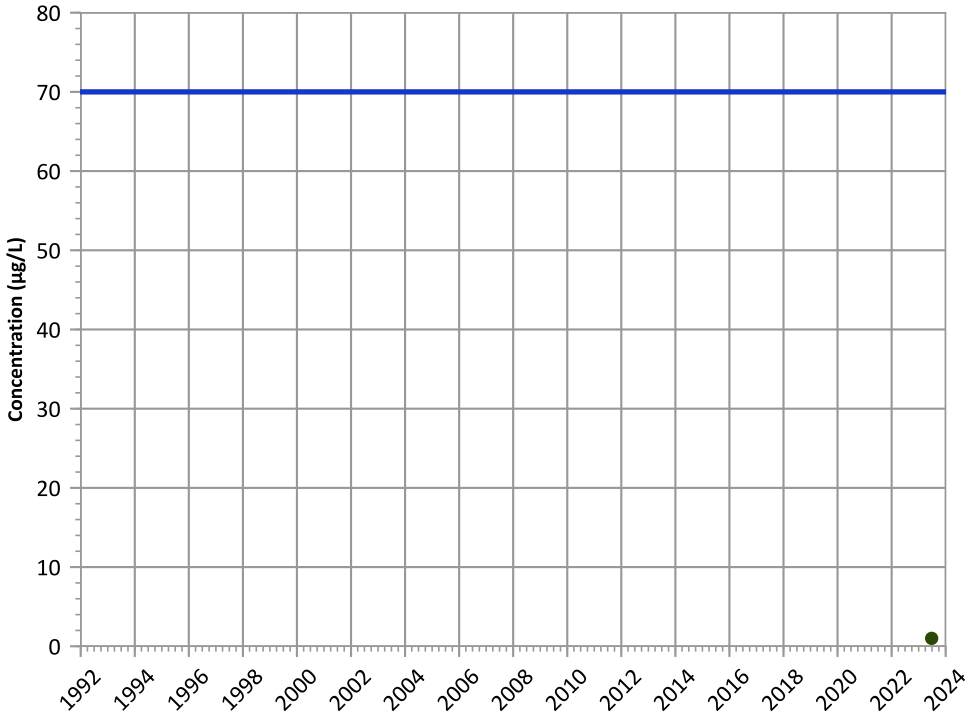
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

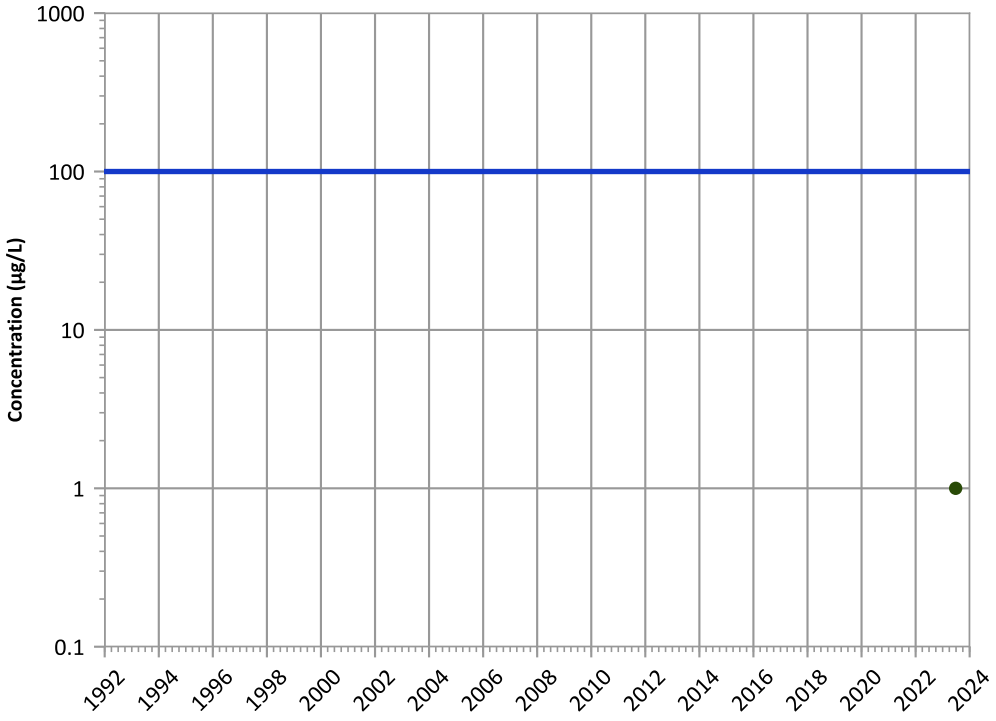


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

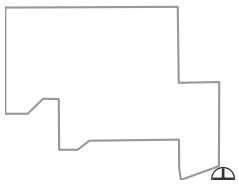
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

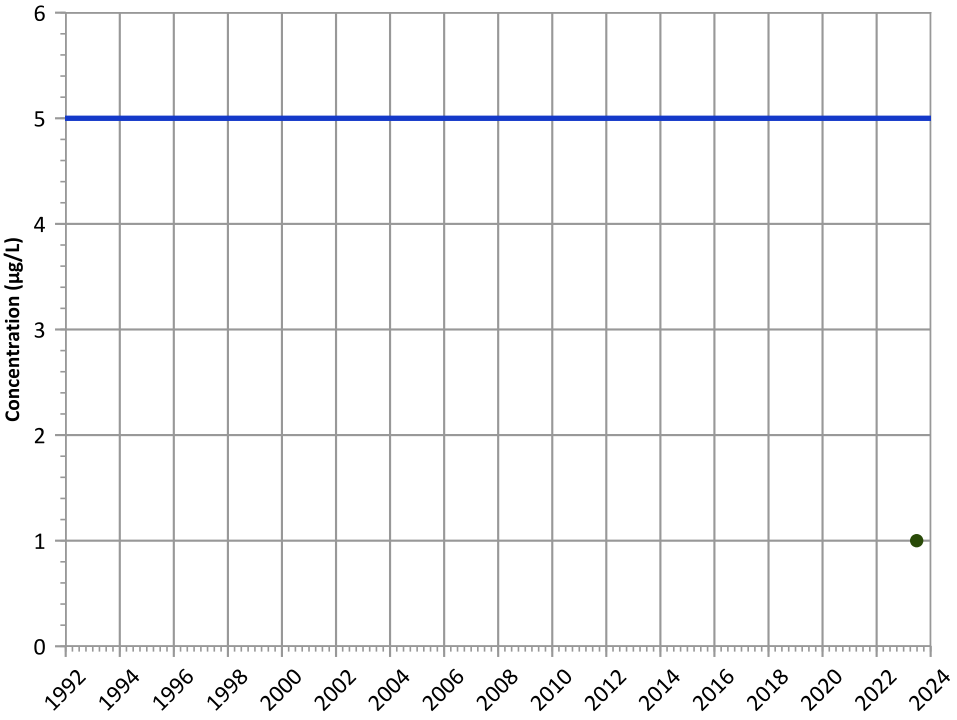
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

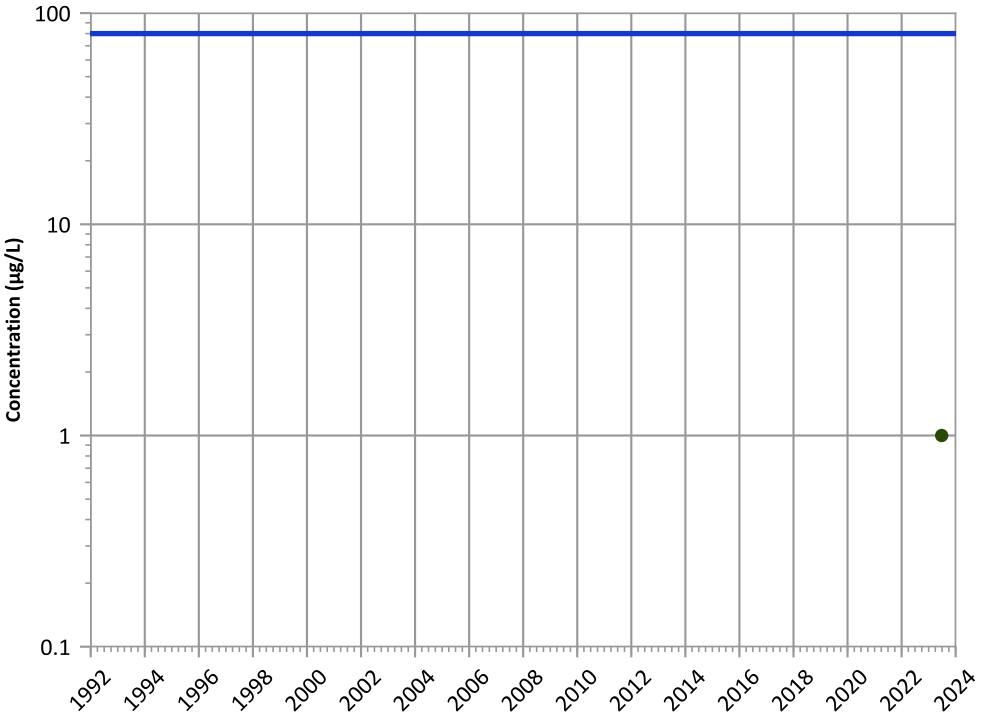


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

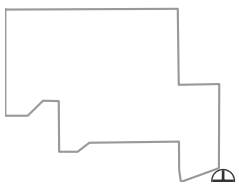
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

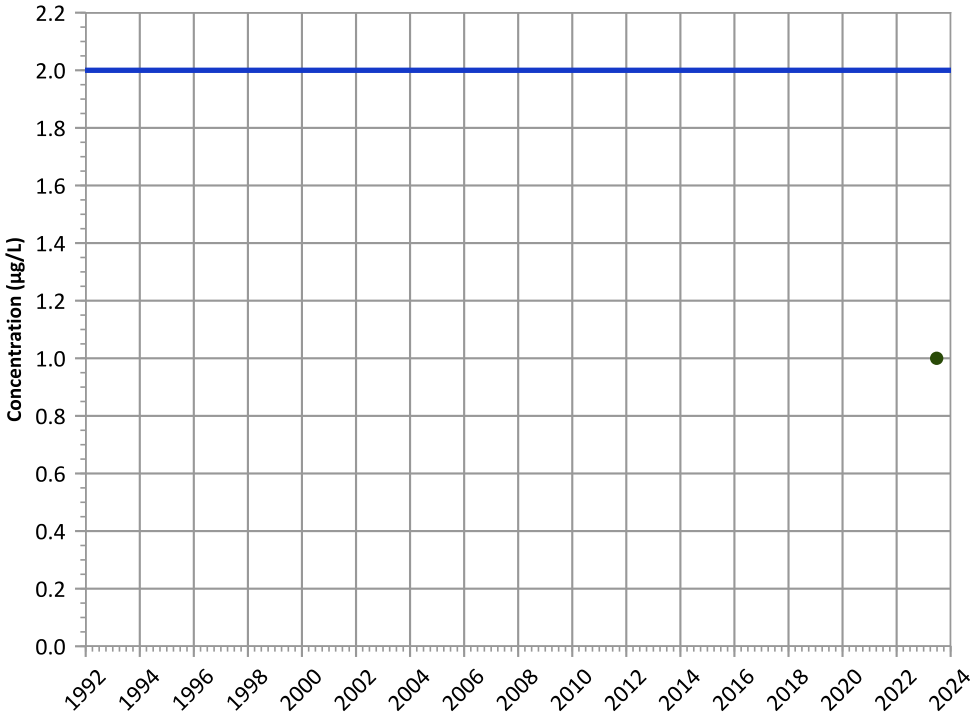
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

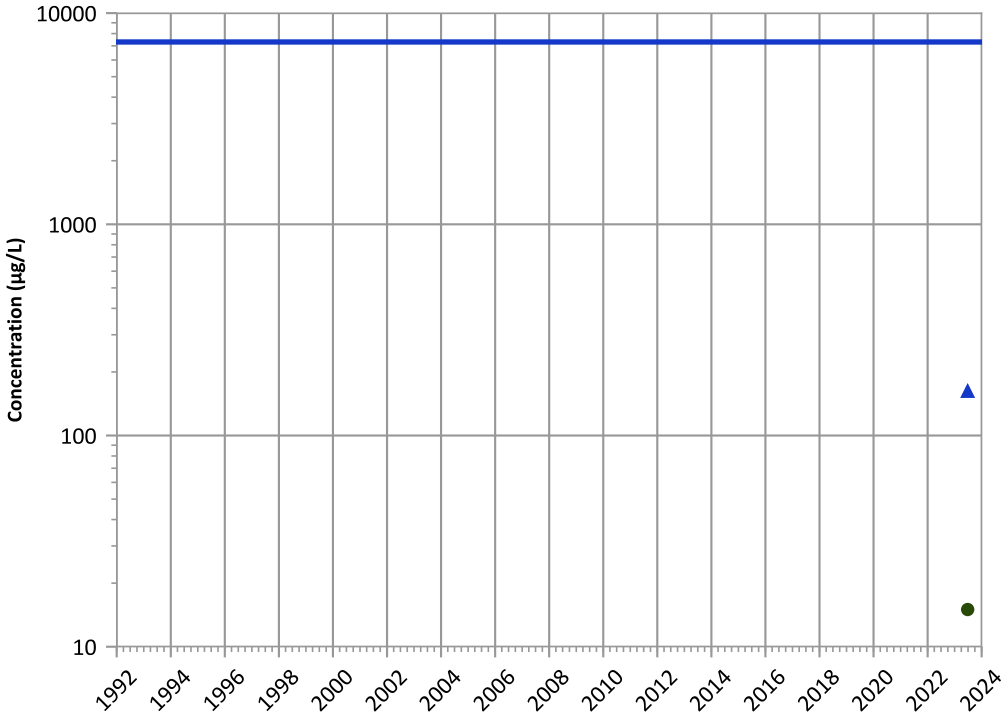


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

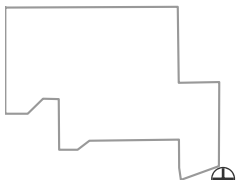
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

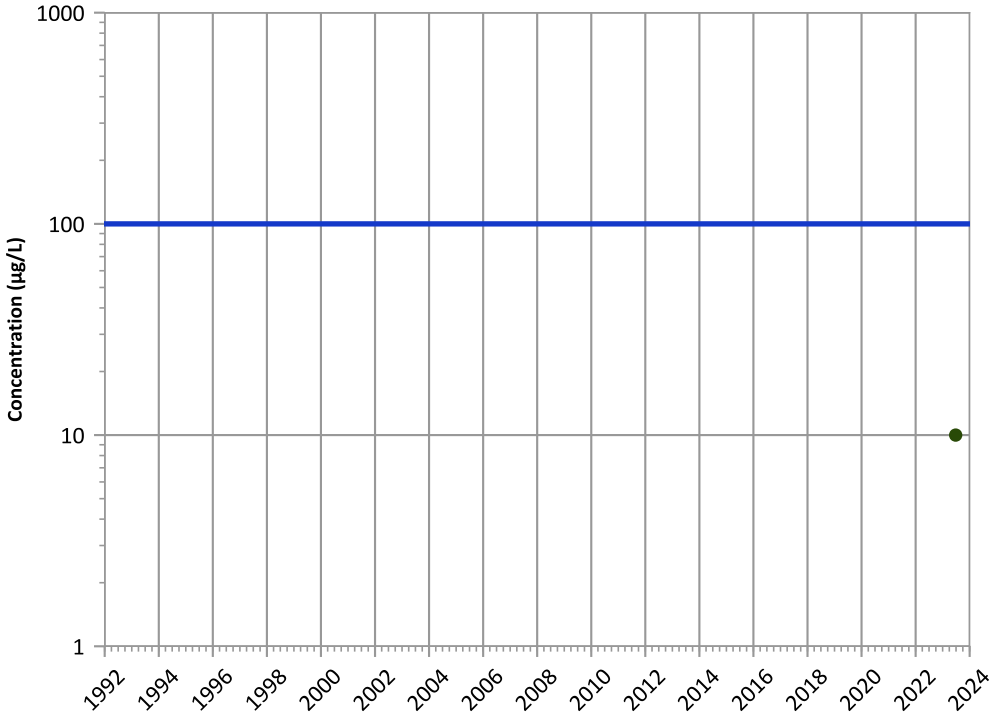
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1216 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

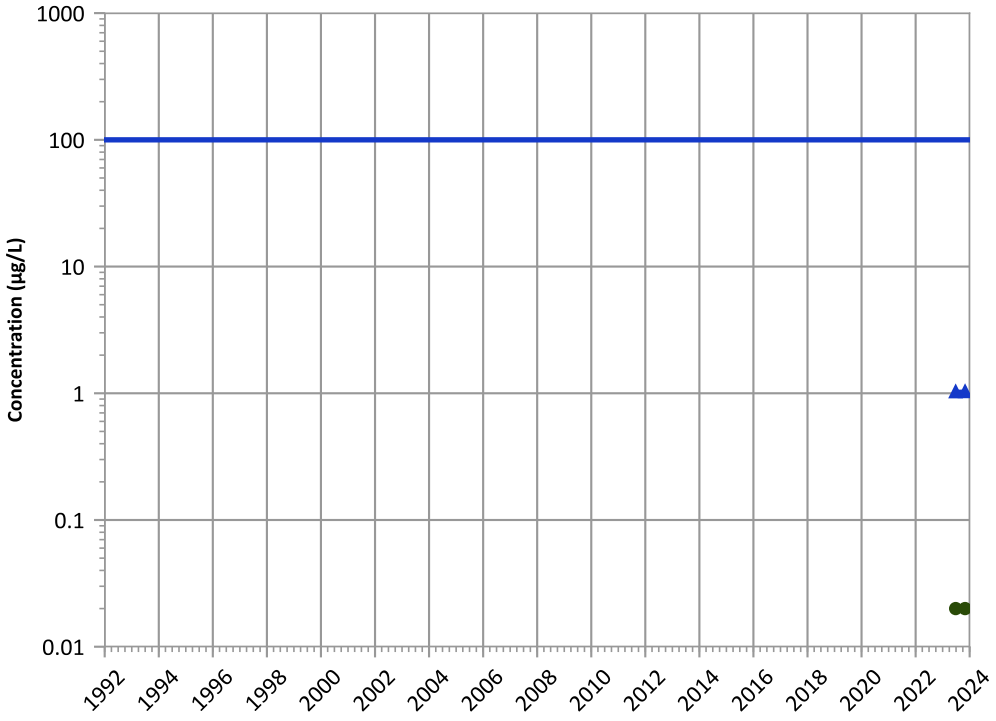


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Chromium, Hexavalent Trend



Concentration Trend

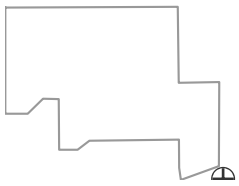
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

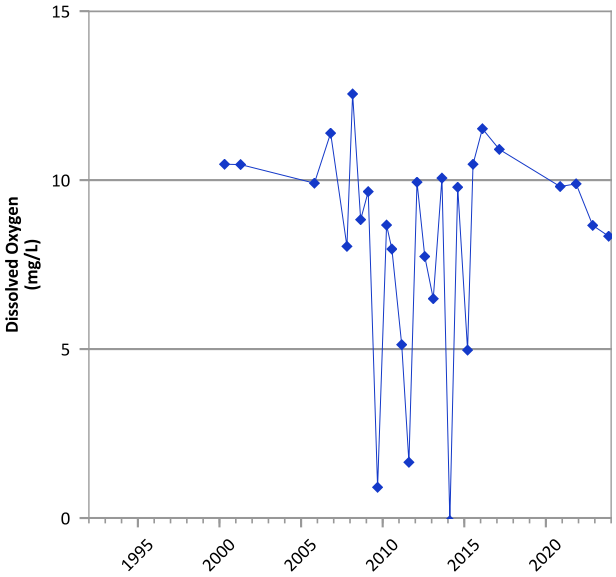
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/2022 to 10/31/2023
Analysis Date: 04/01/2024

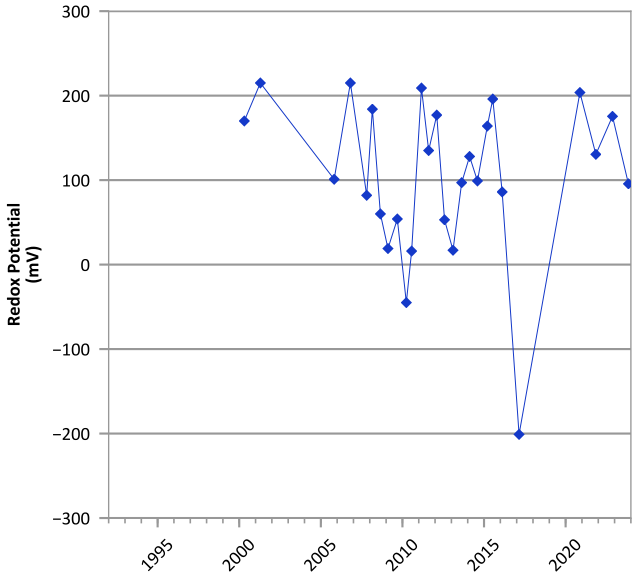
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

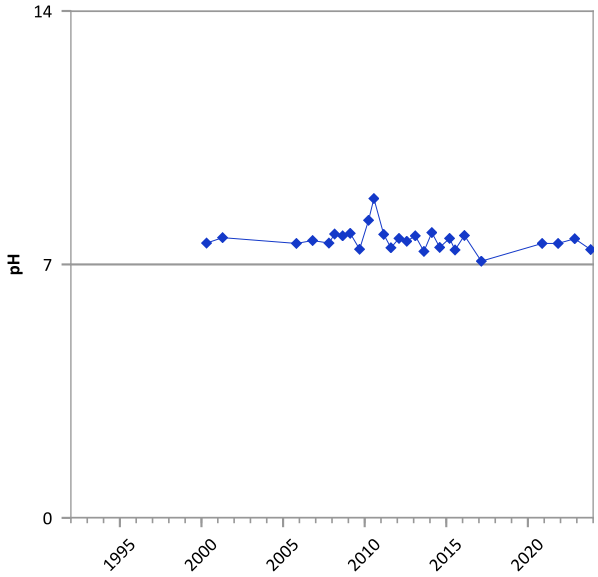
Well Location

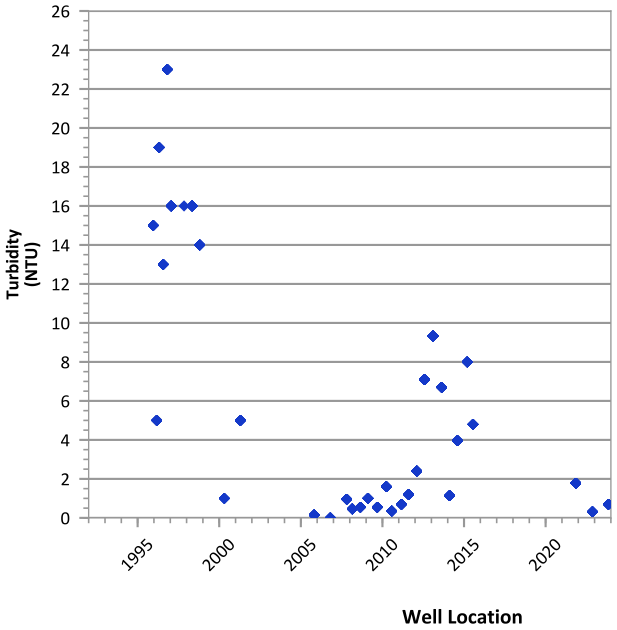


PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

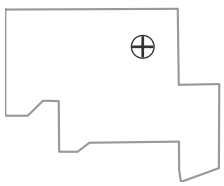






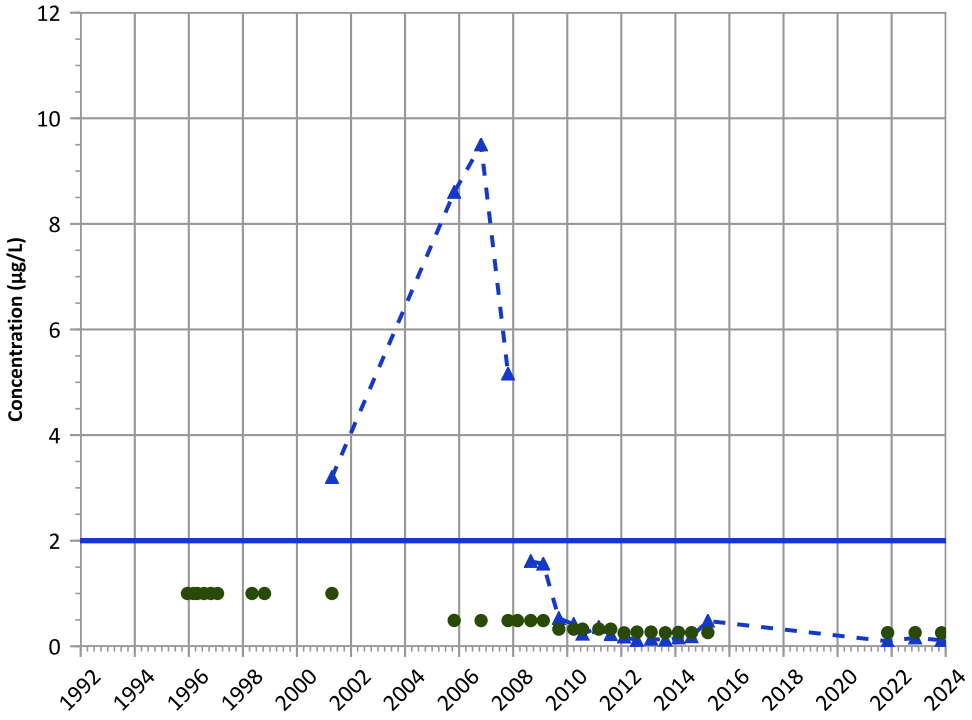


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

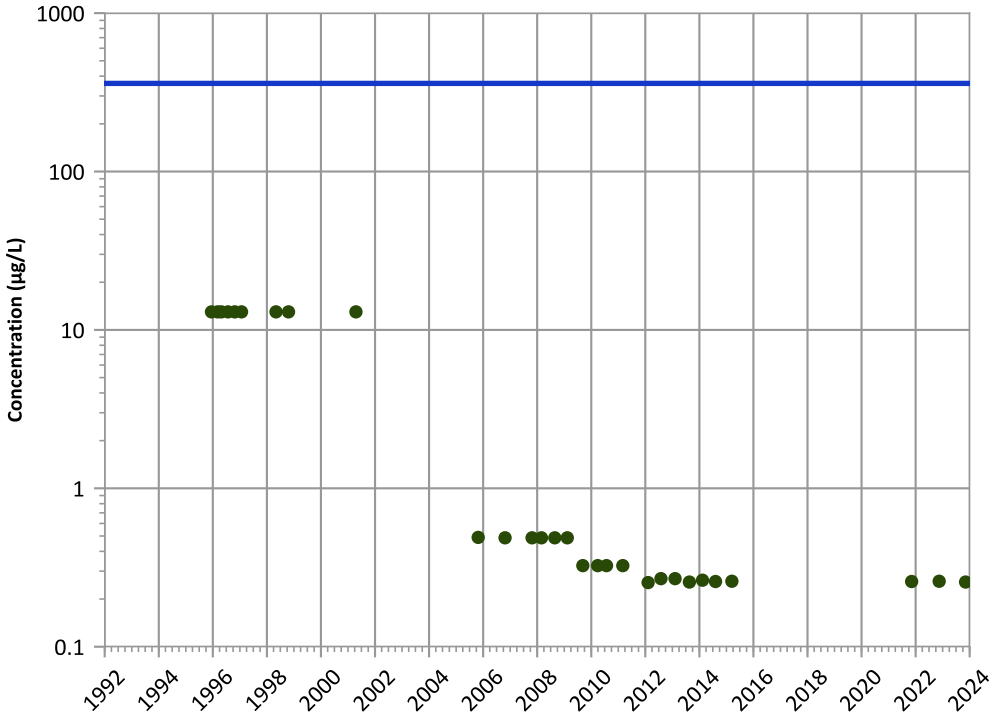


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

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



Concentration Trend

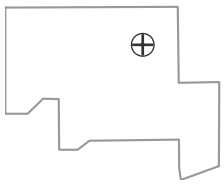
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

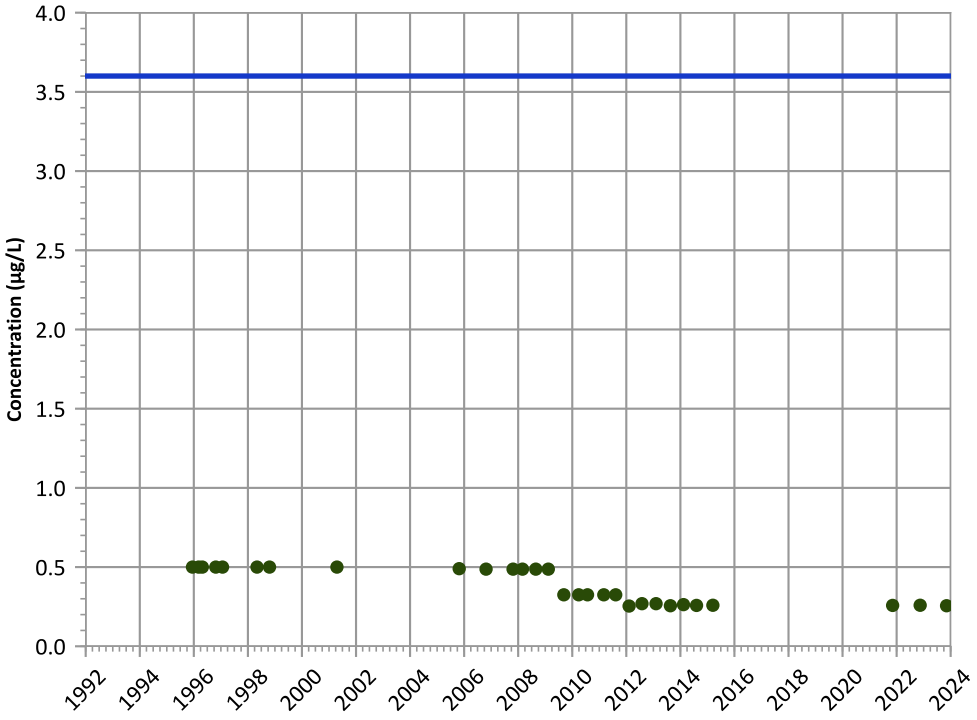
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

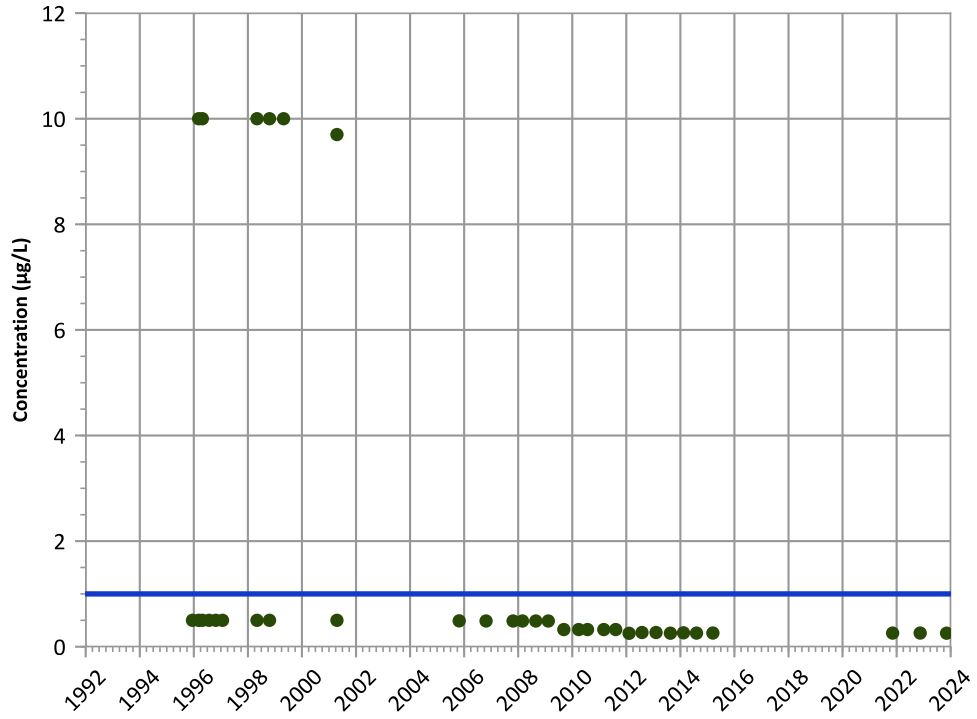


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

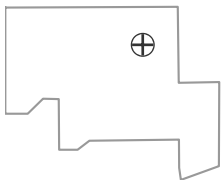


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Well Location

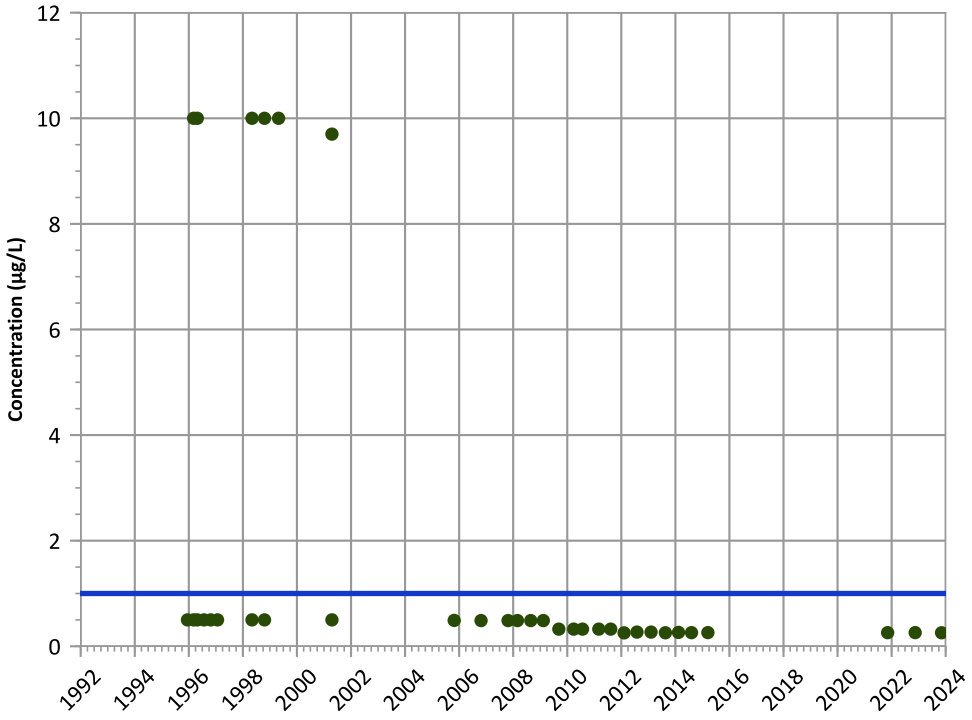


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

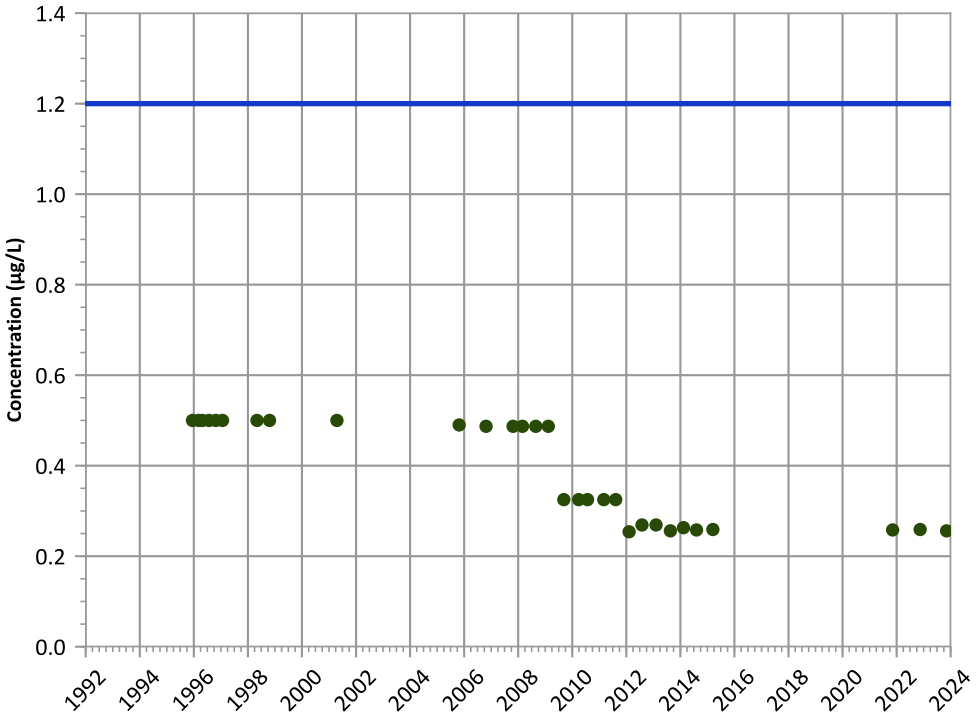
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



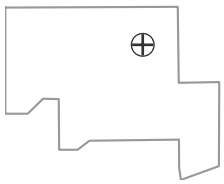
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

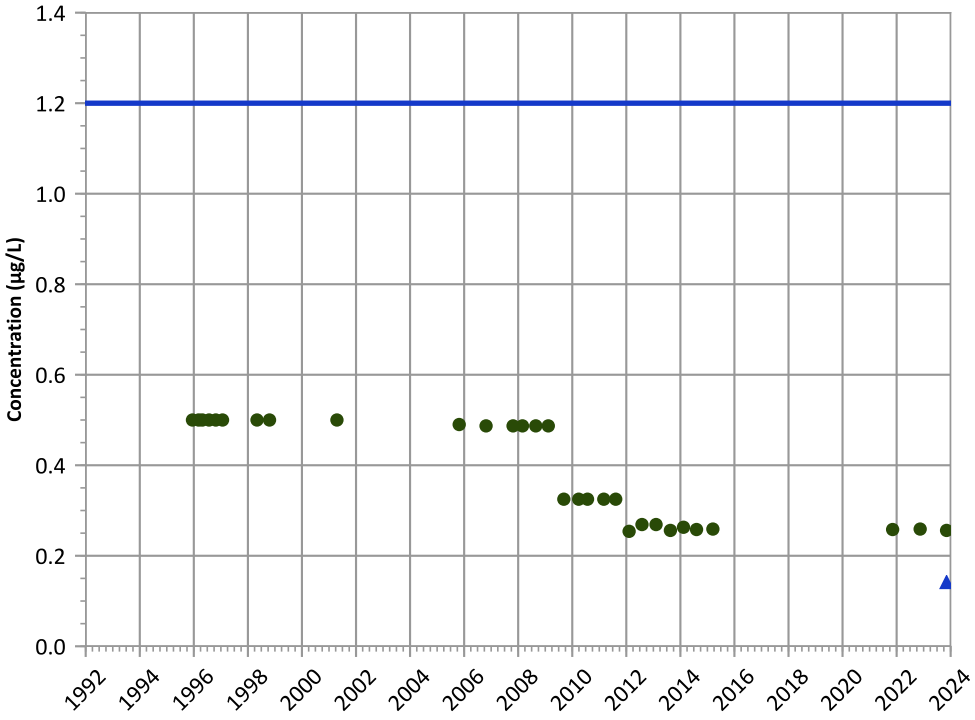
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

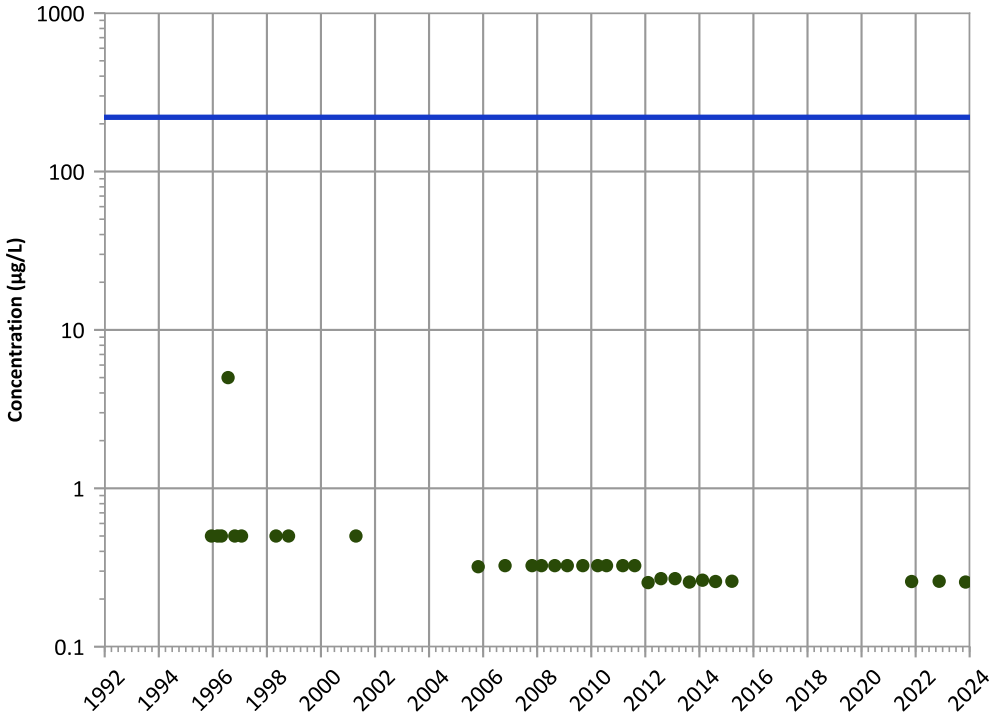


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

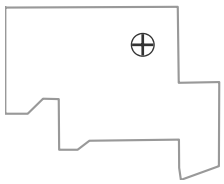
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

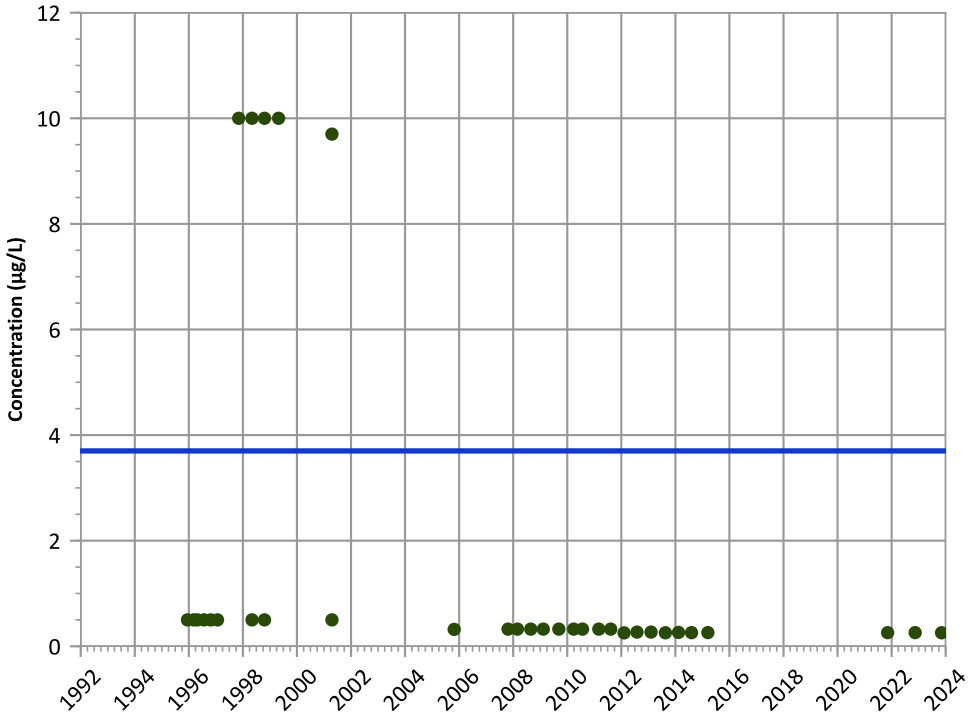
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

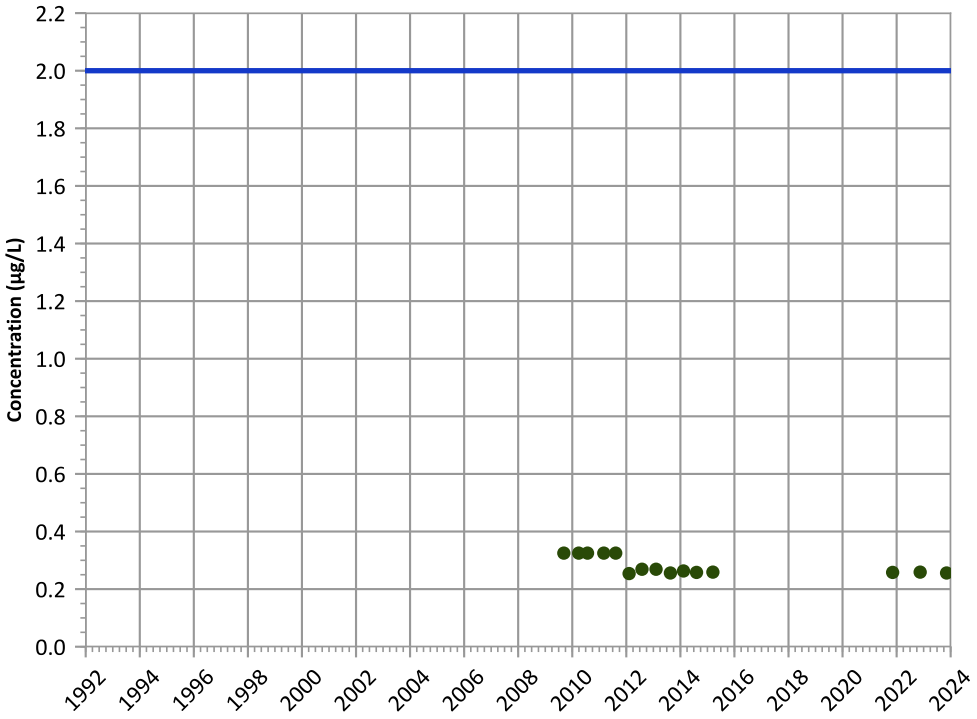


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

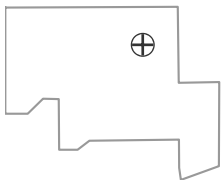
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

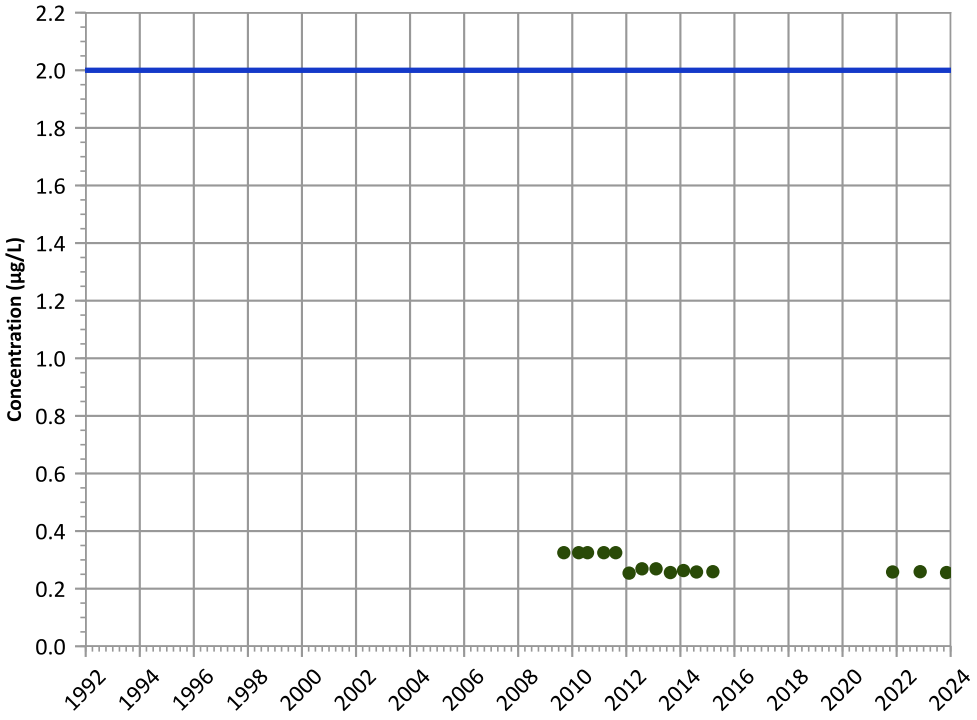
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

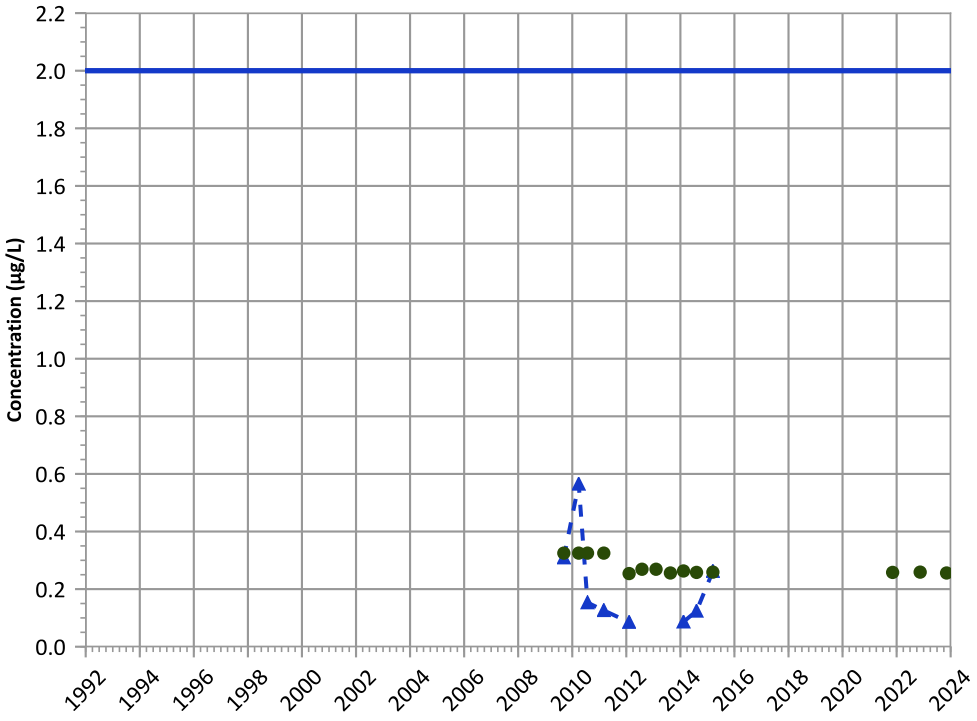


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

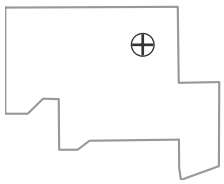
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

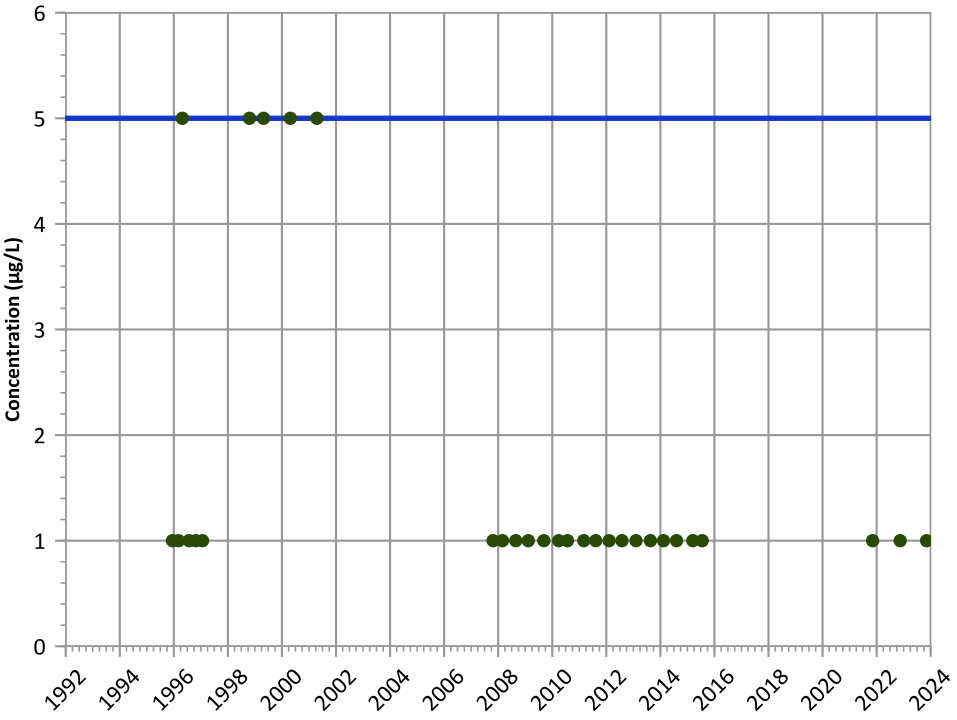
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

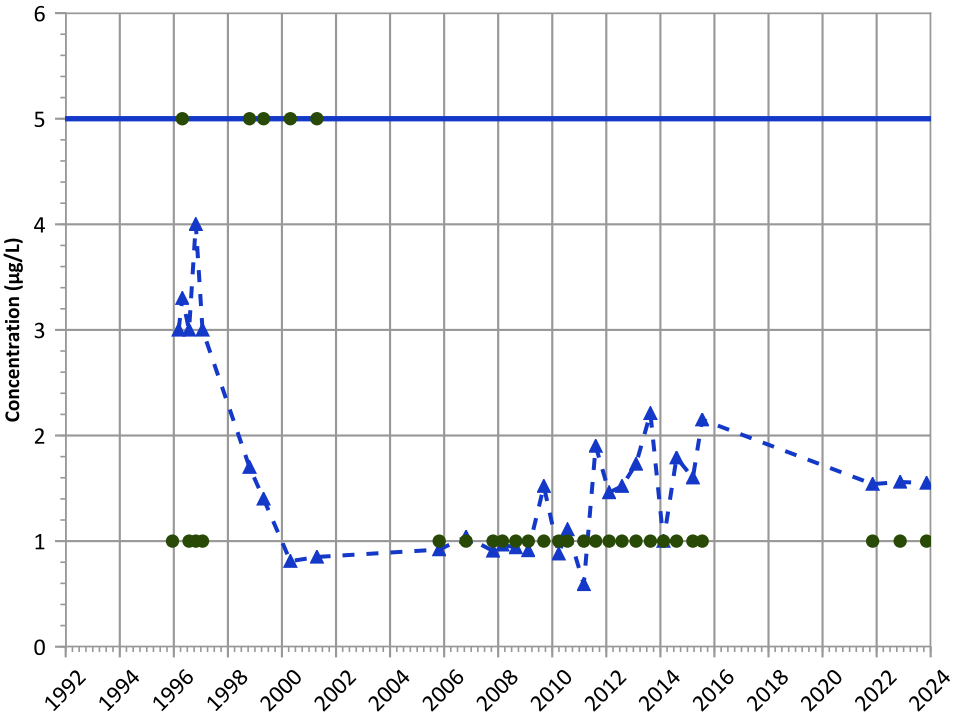


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

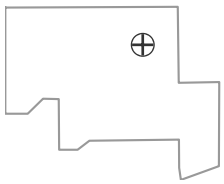
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

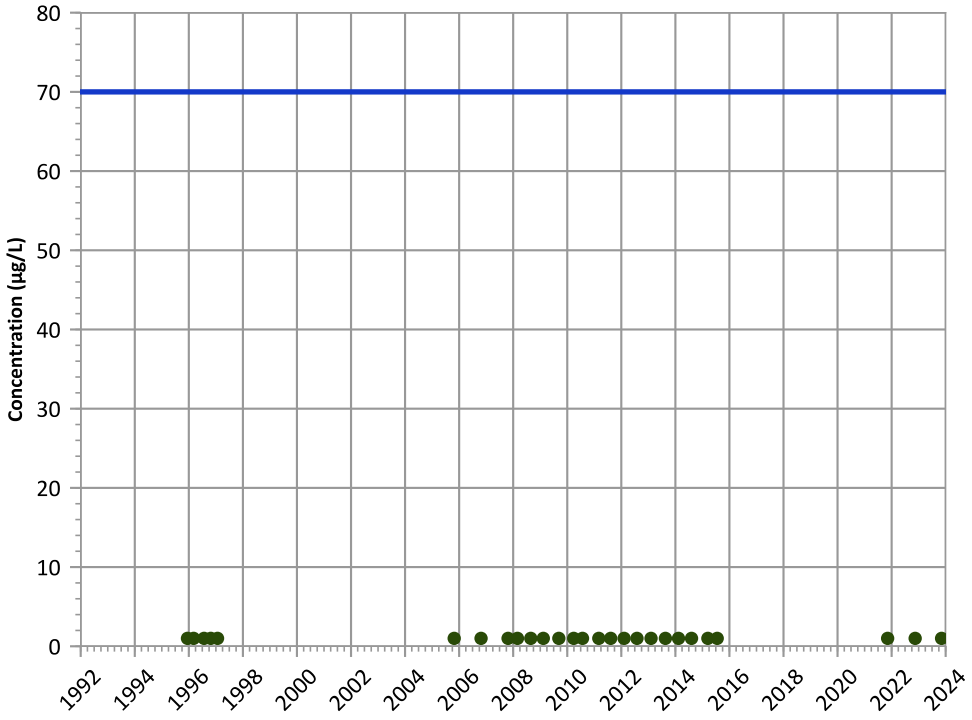
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

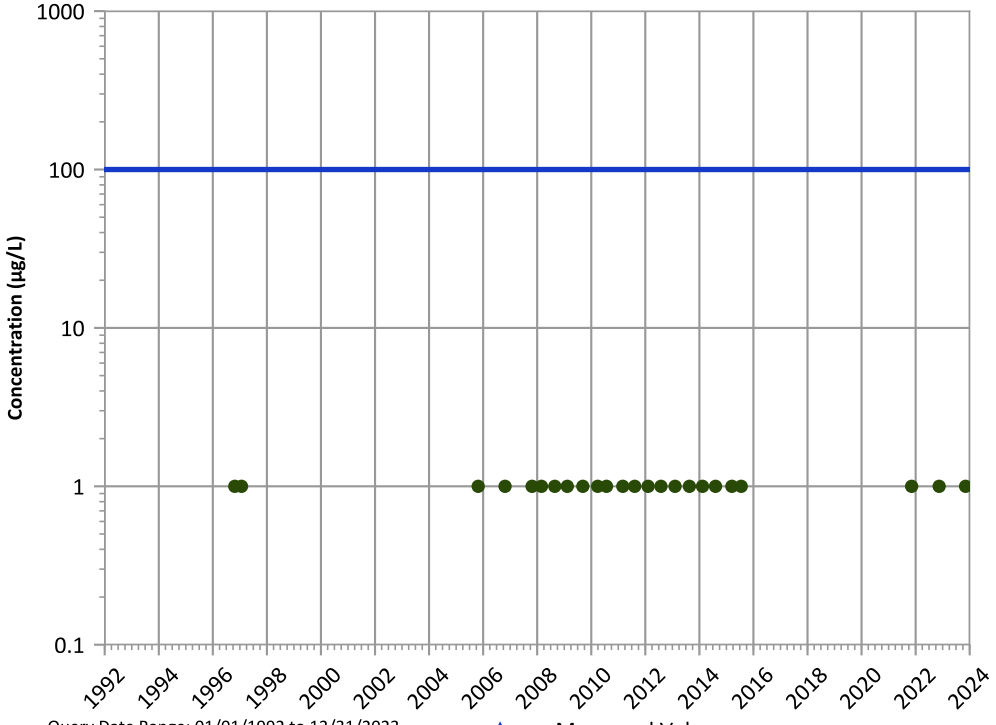


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

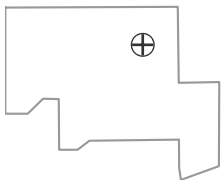
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

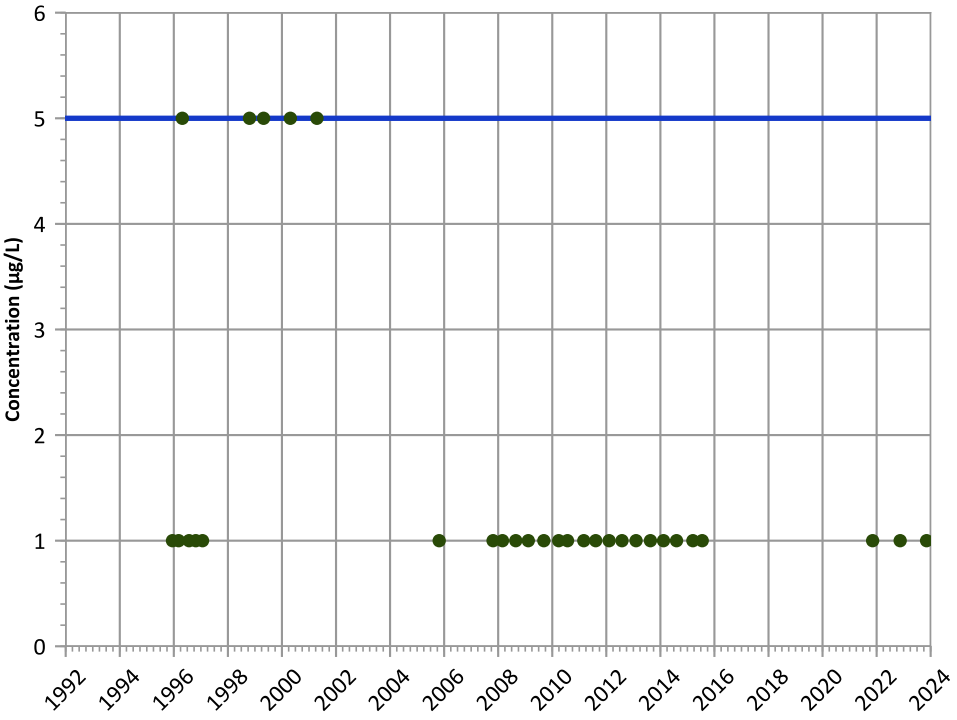
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

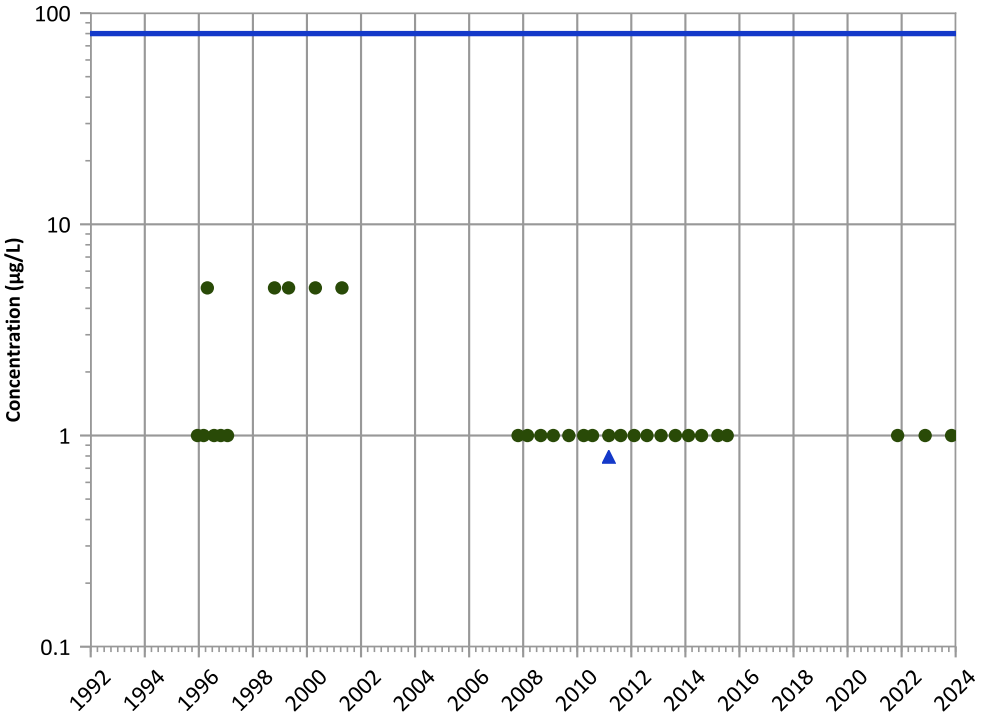


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

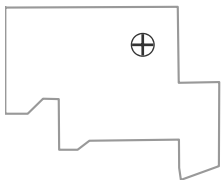
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

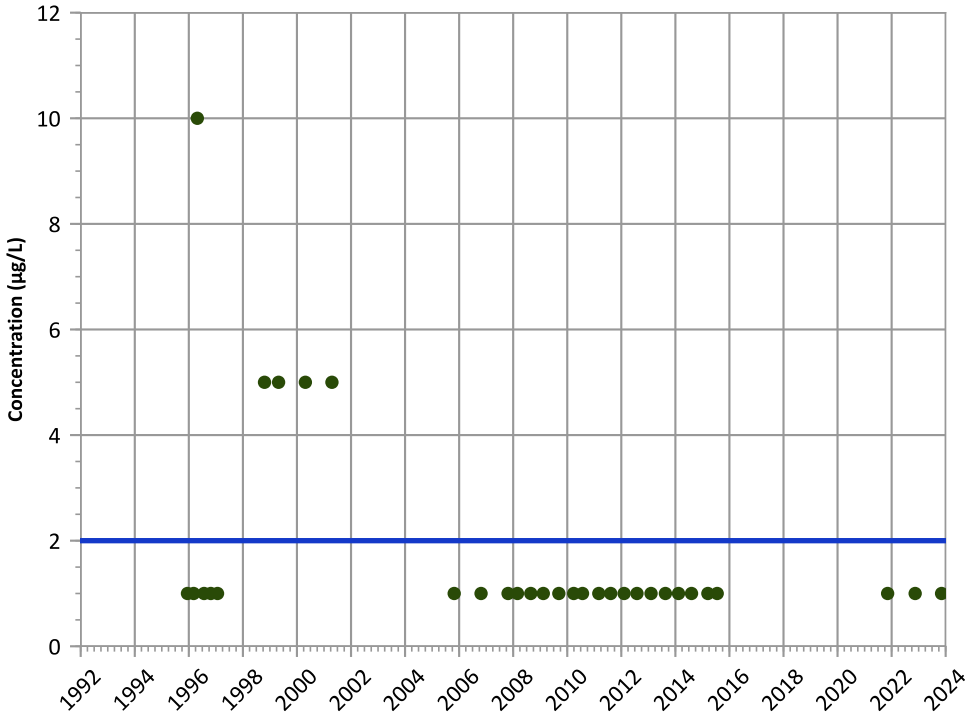
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

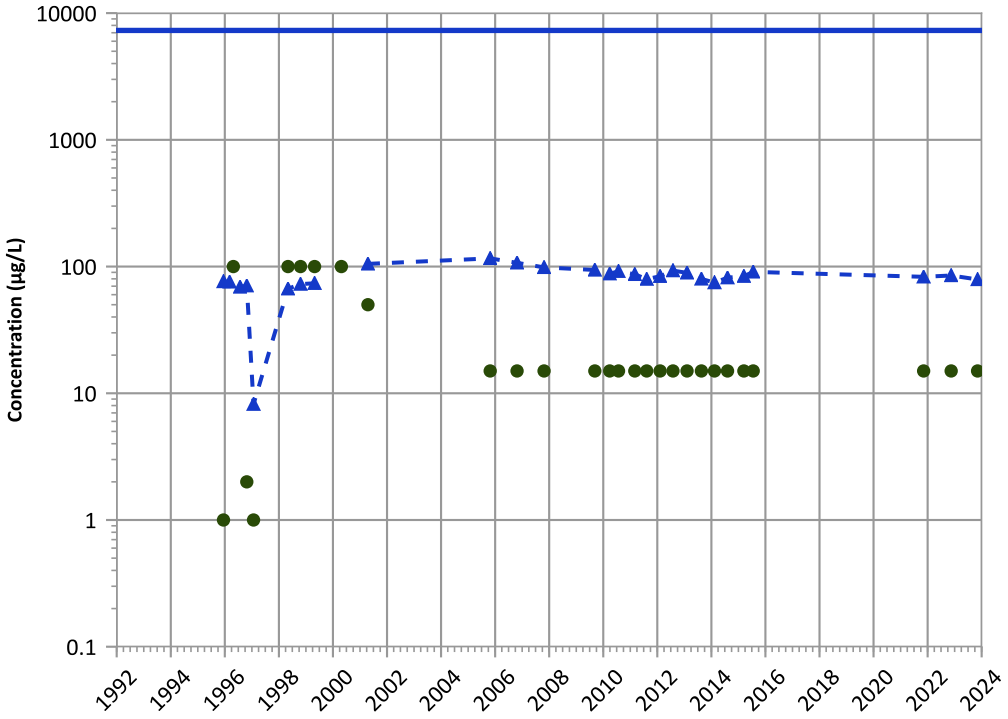


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

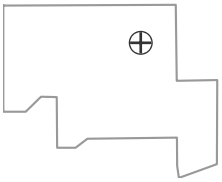
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

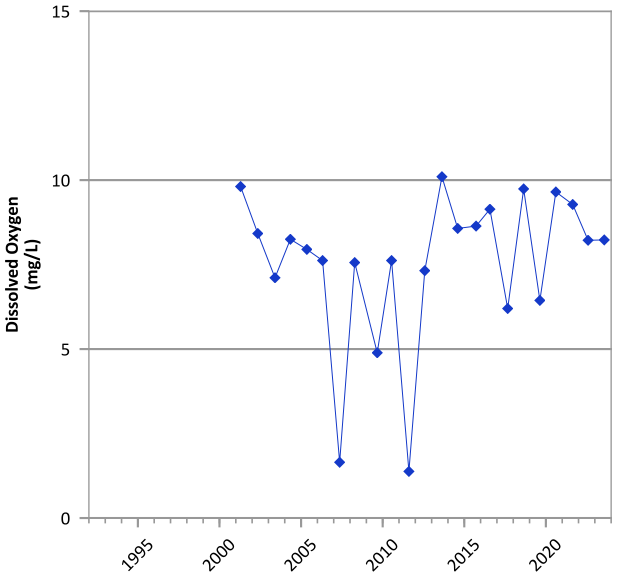
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/07/2023
Analysis Date: 04/01/2024

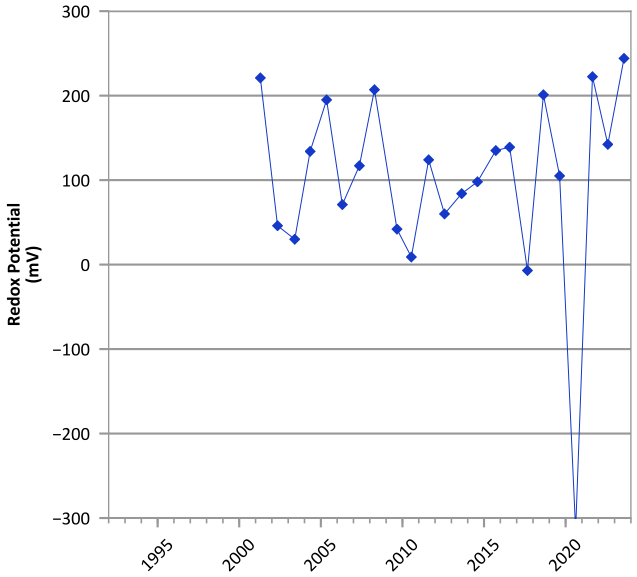
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

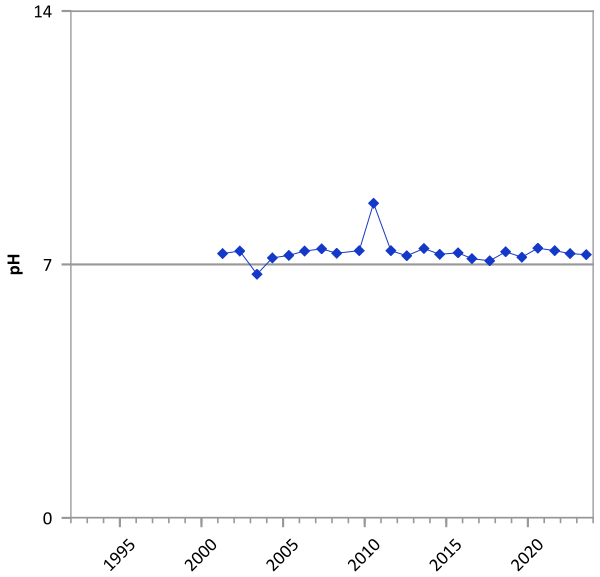
Well Location

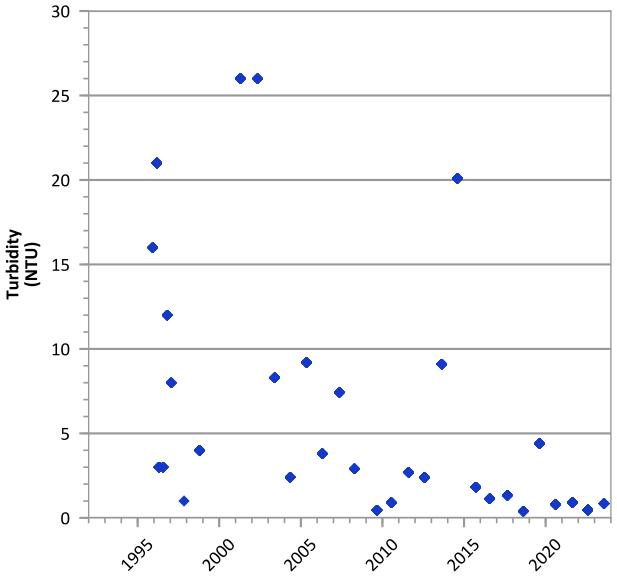


PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

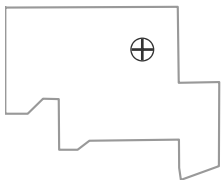






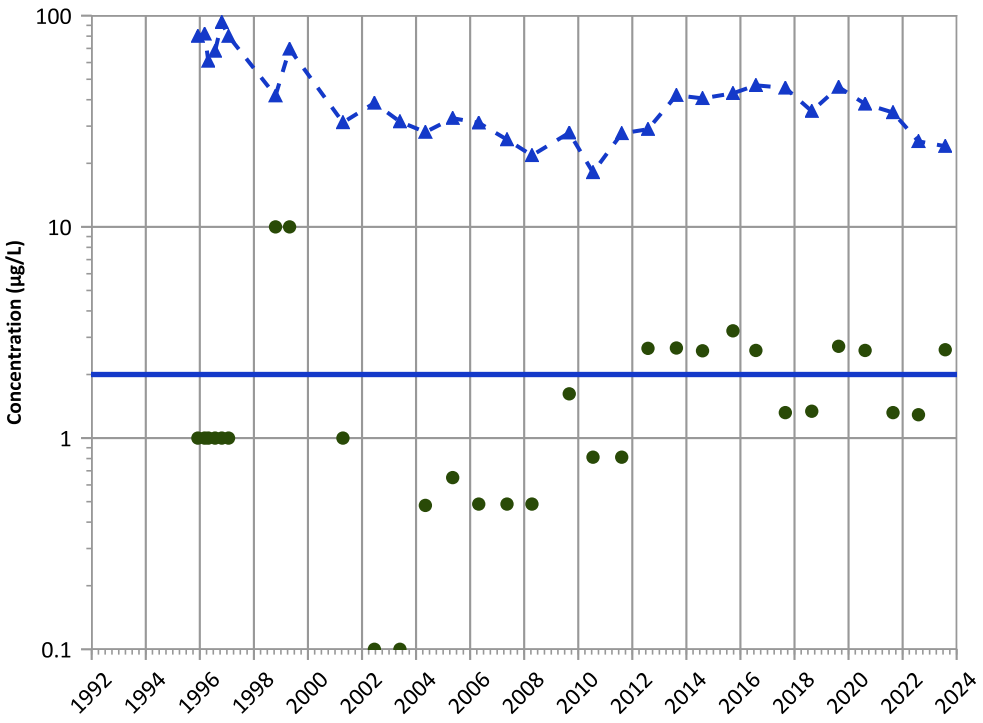


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

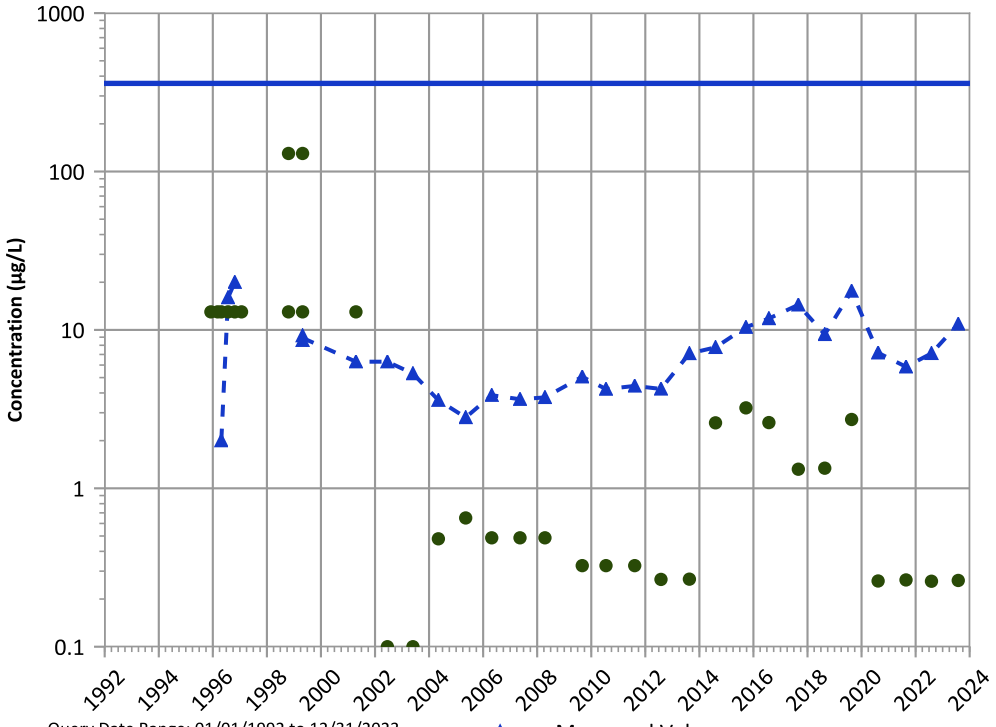


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

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



Concentration Trend

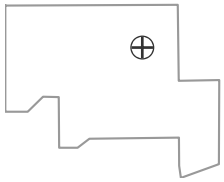
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

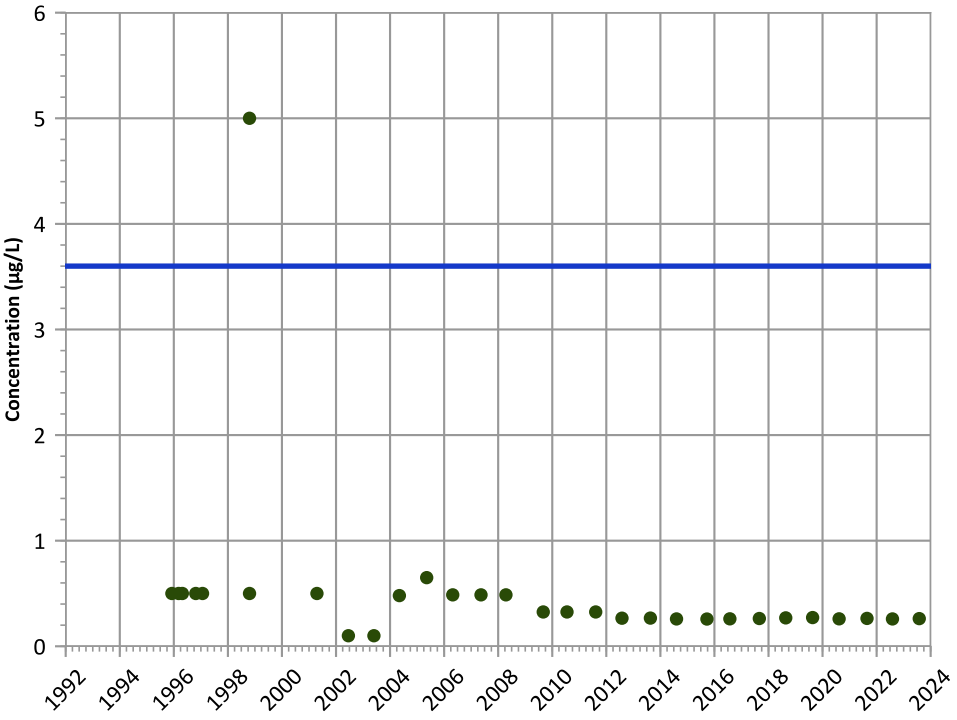
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

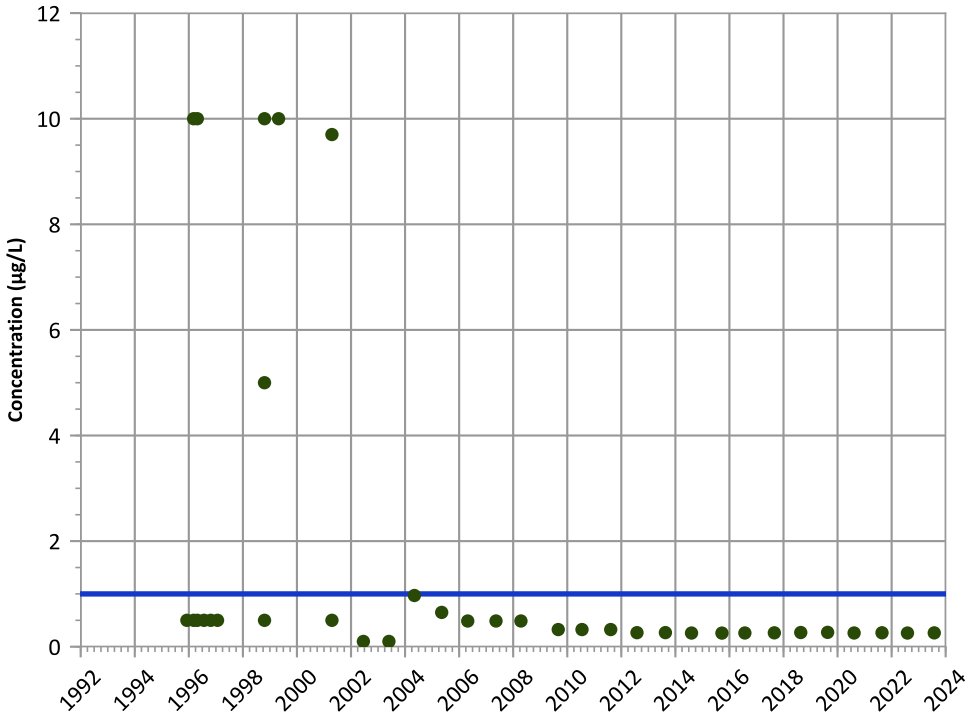
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



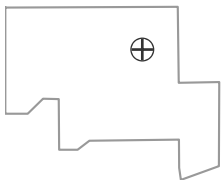
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

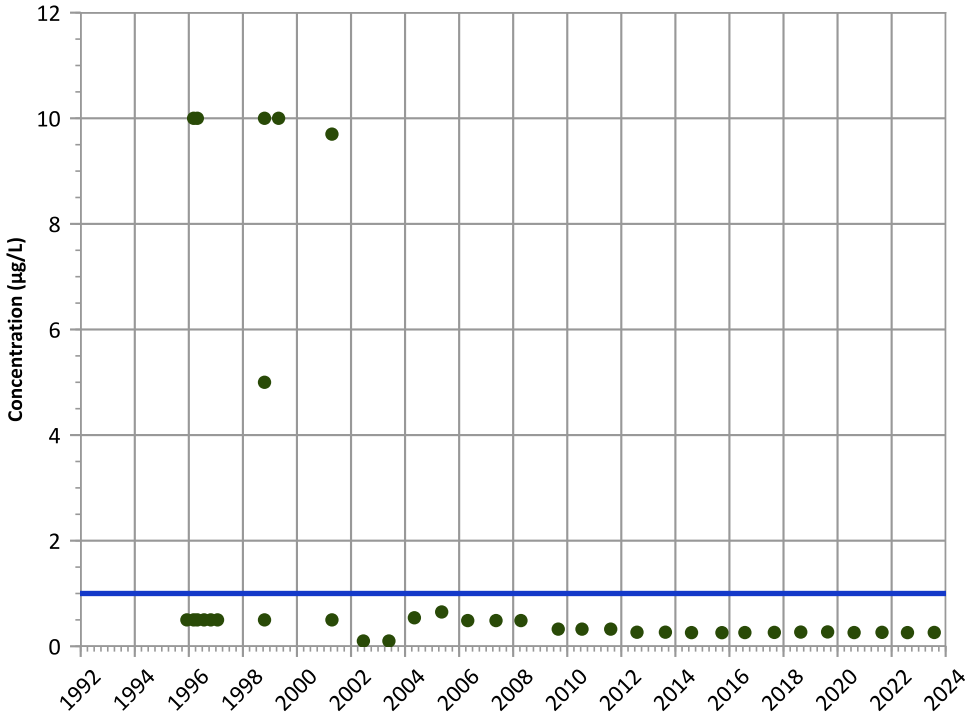
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

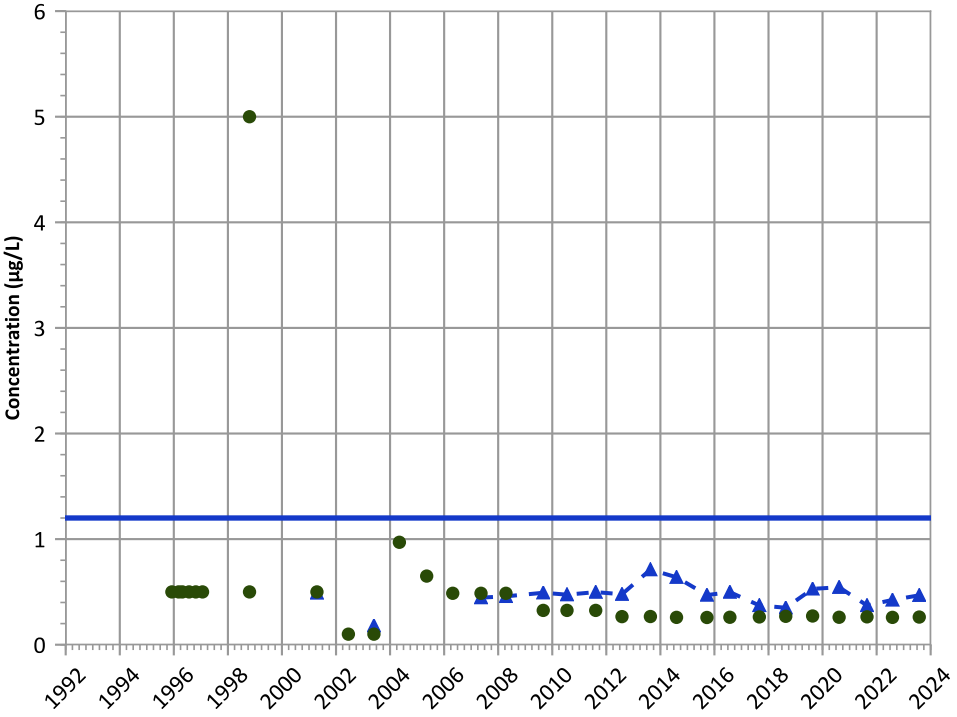


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

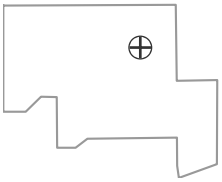
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

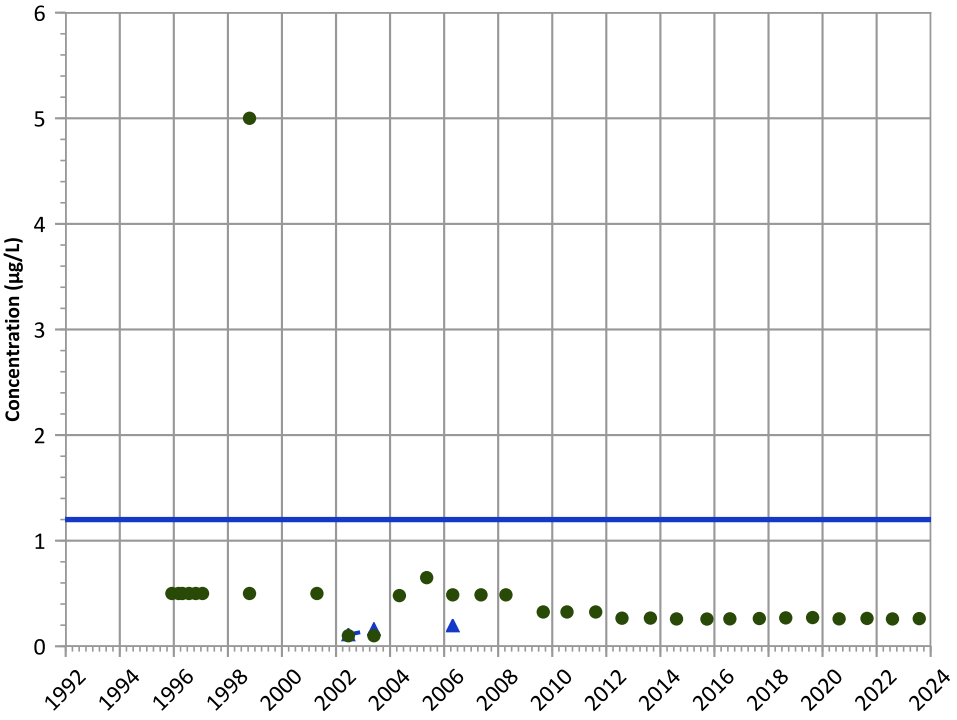
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

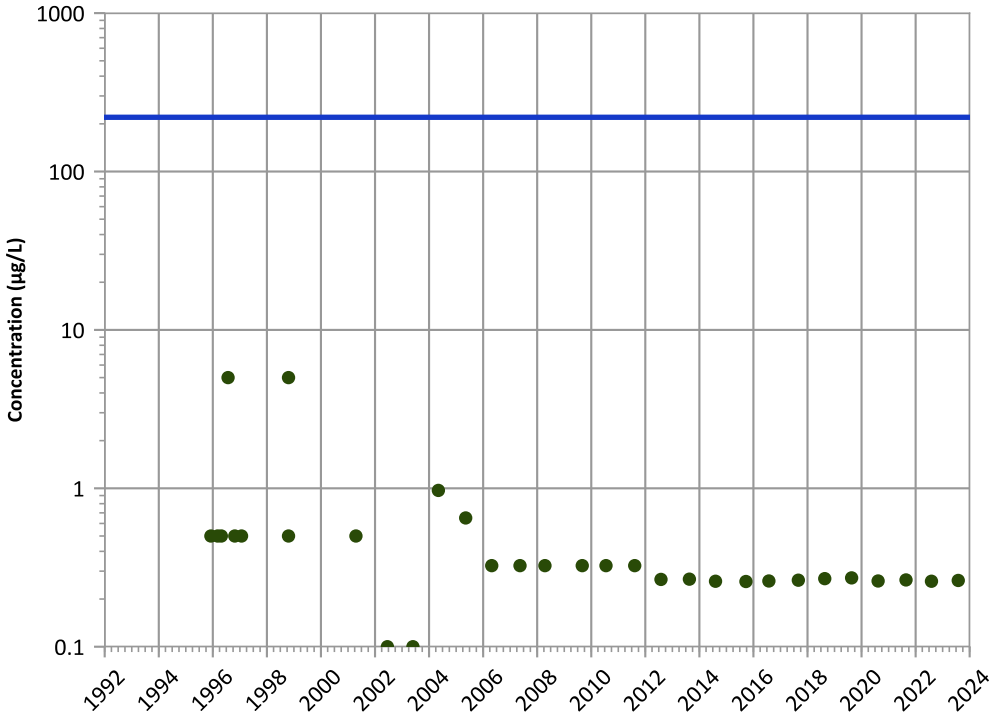


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

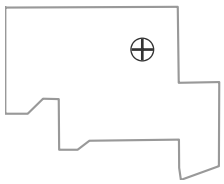
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

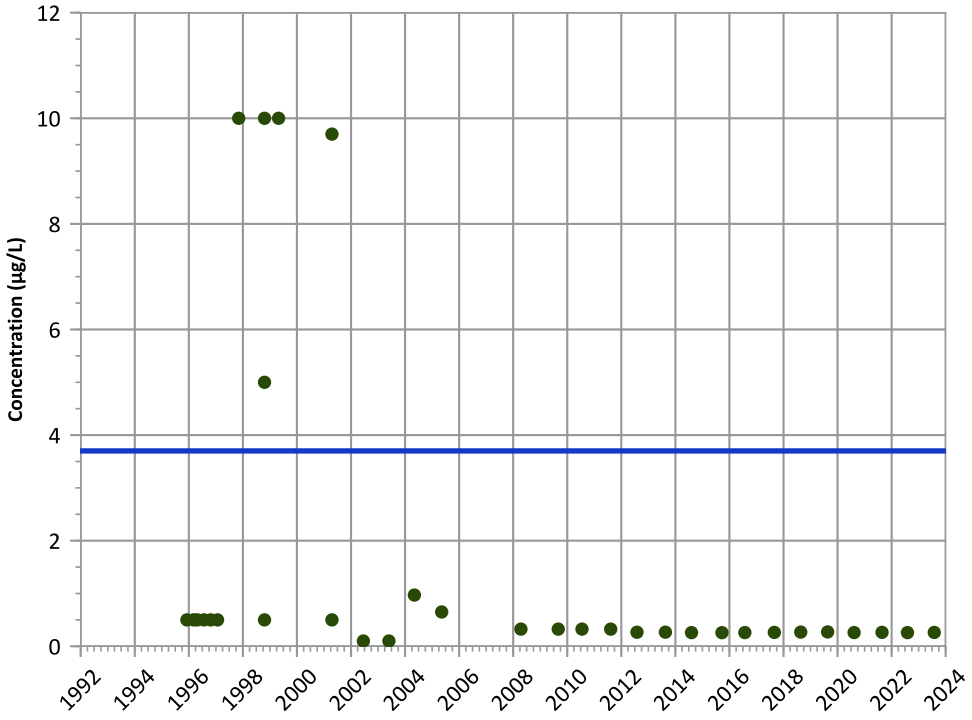
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

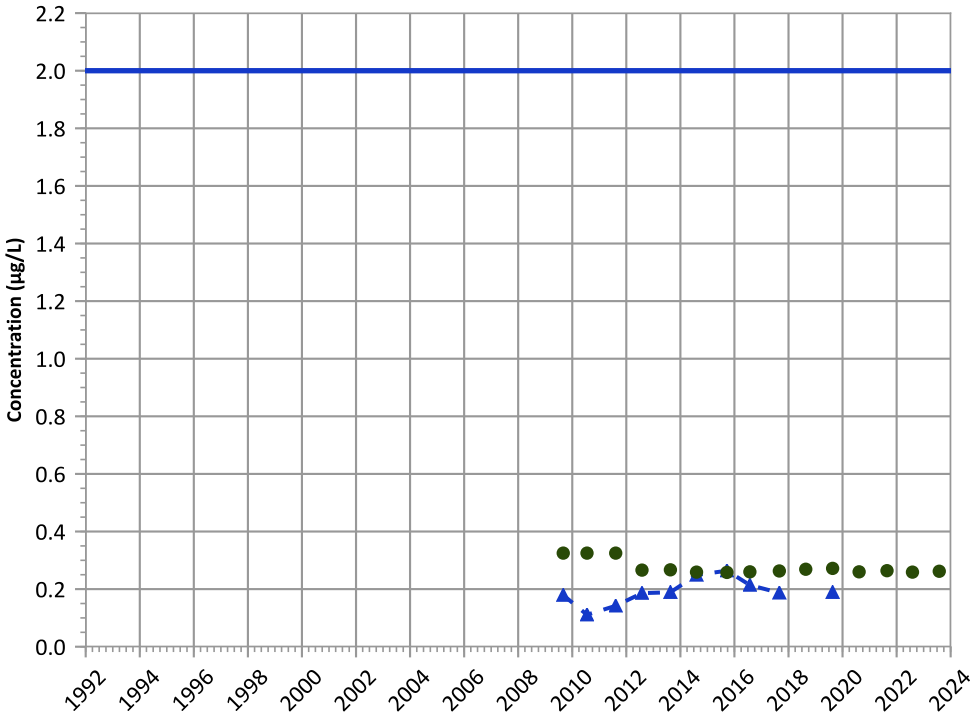


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

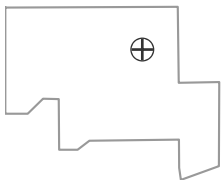
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

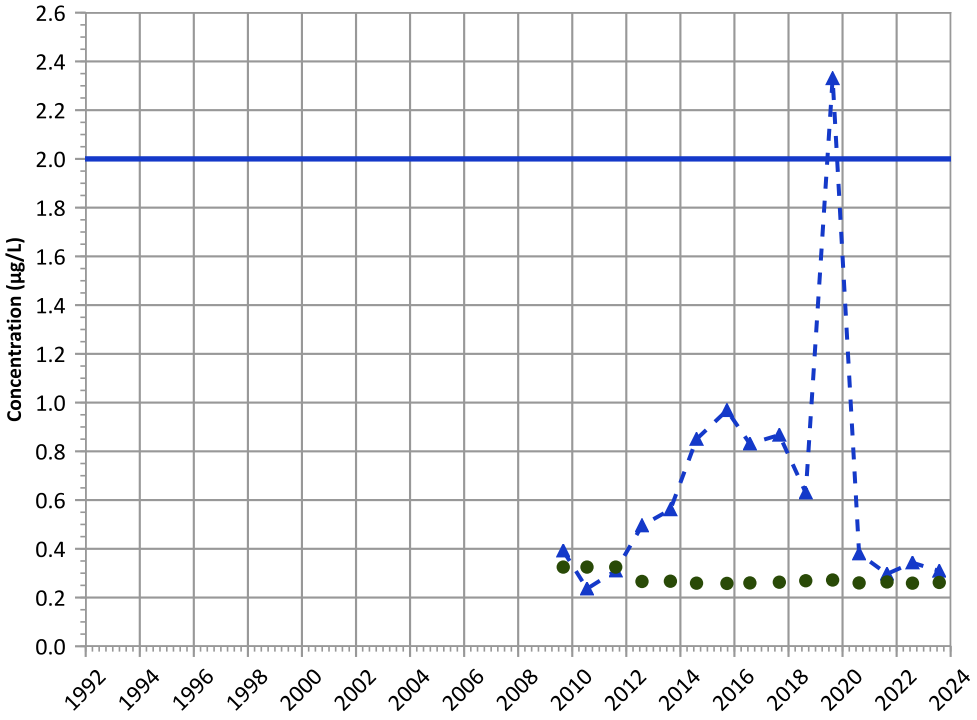
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

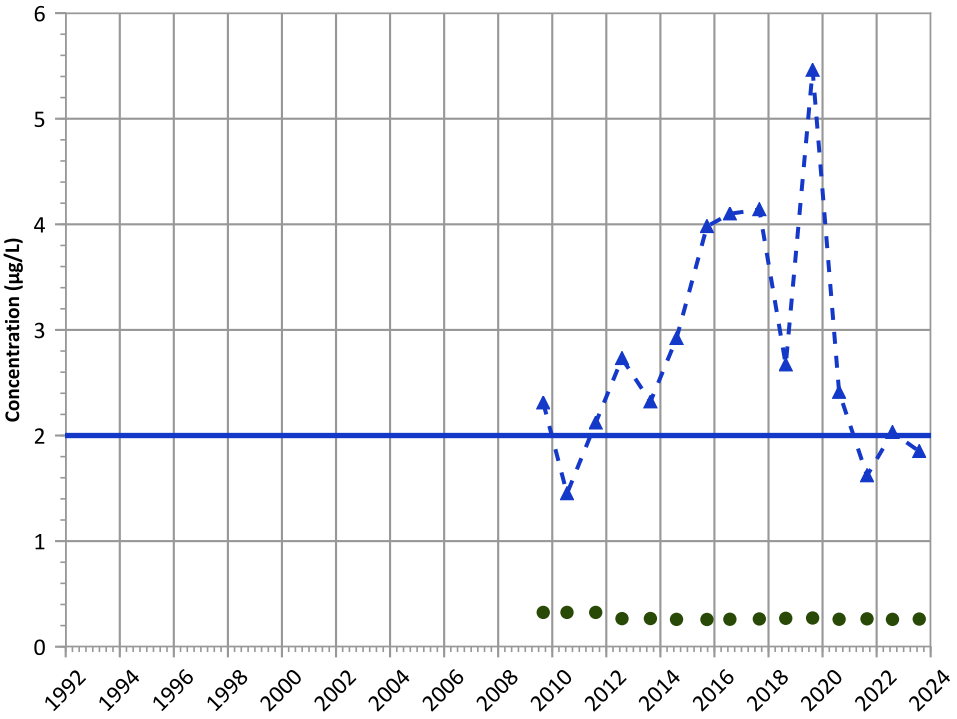


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

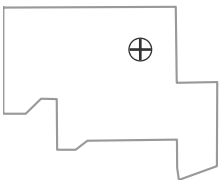
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

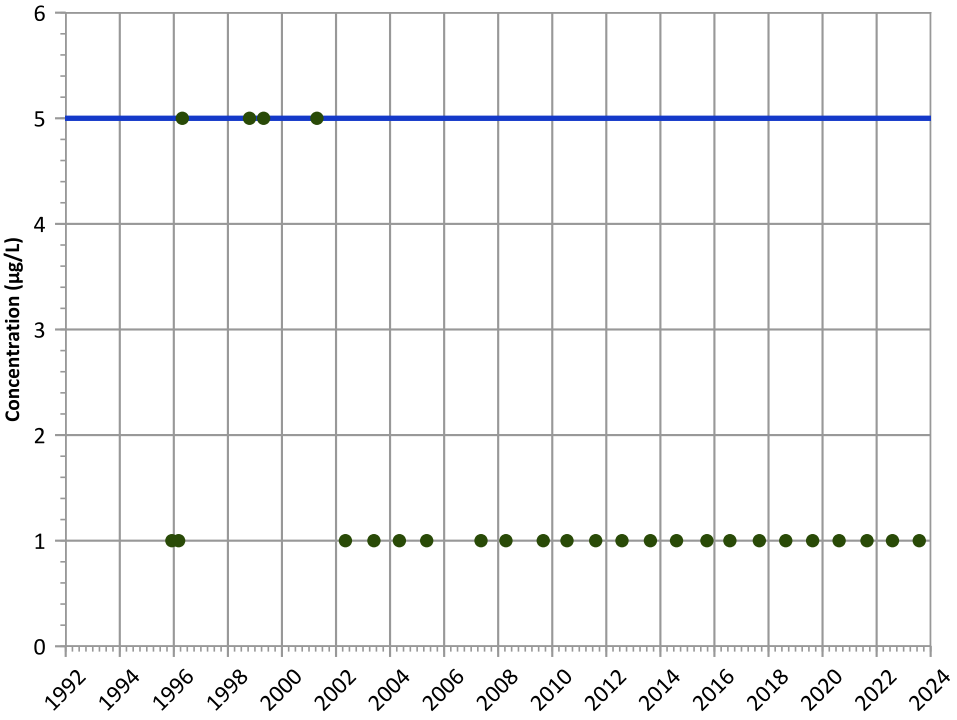
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

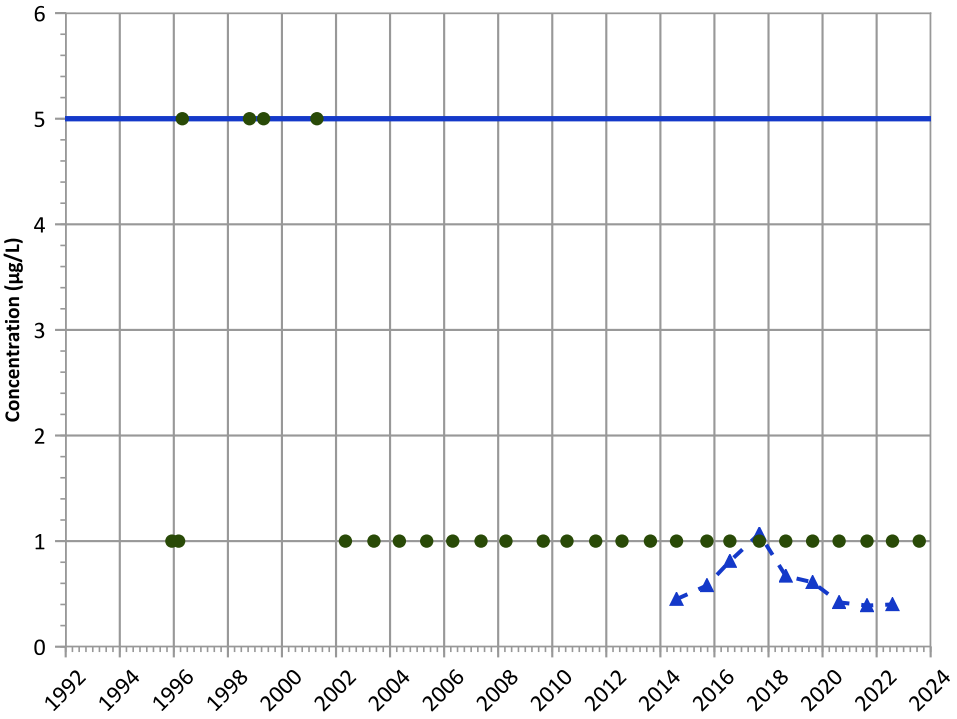


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

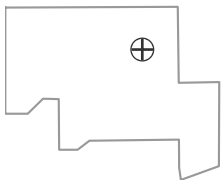
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

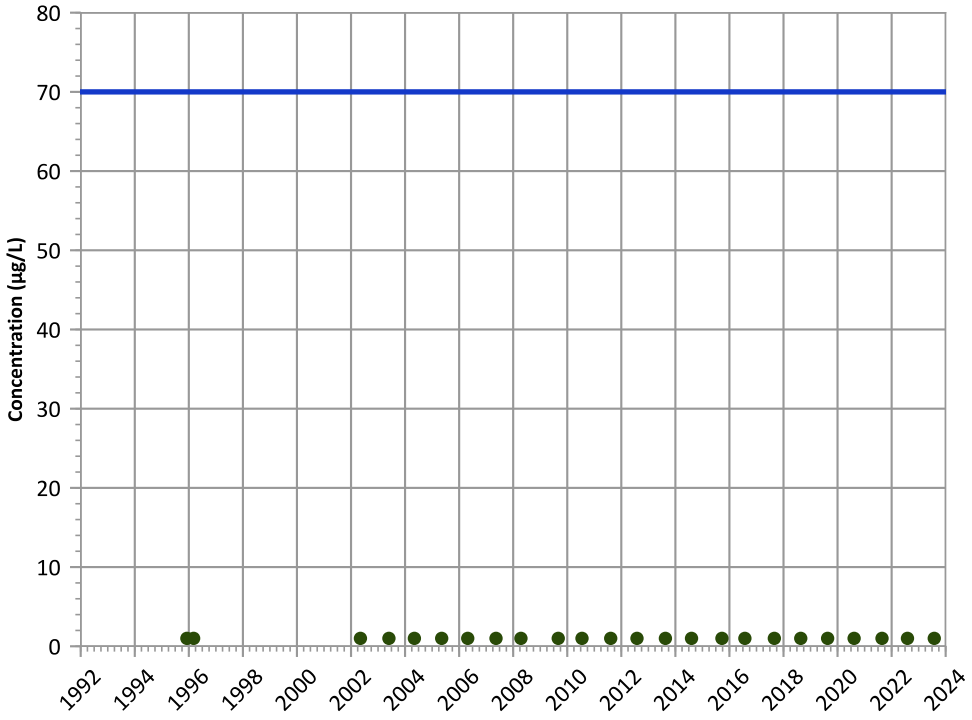
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

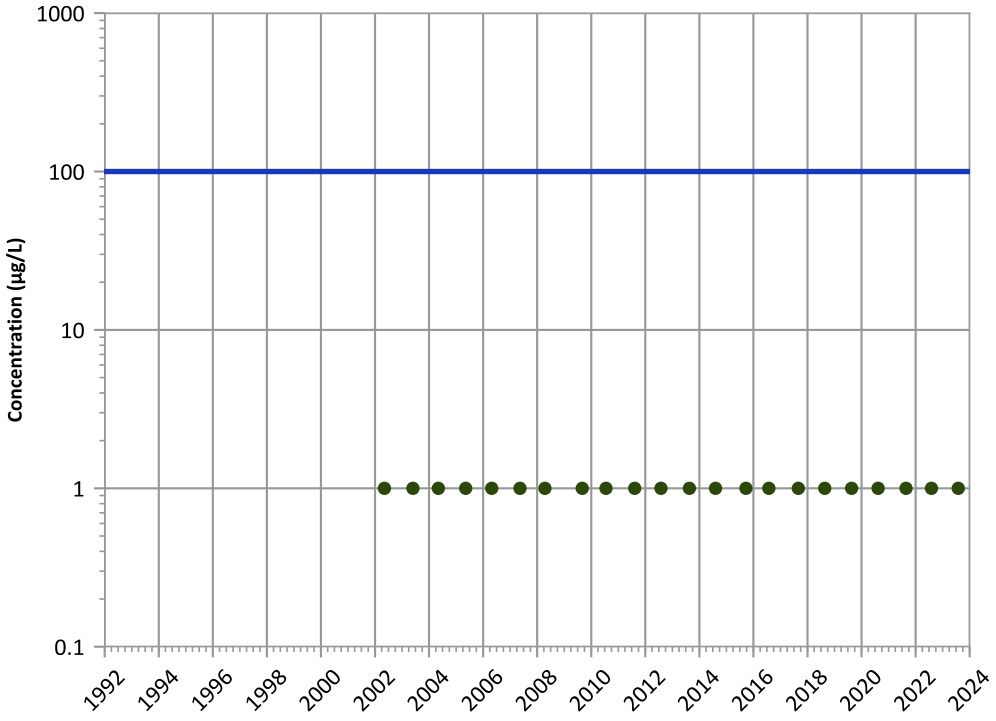


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

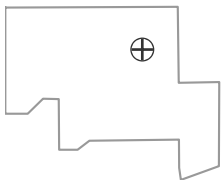
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

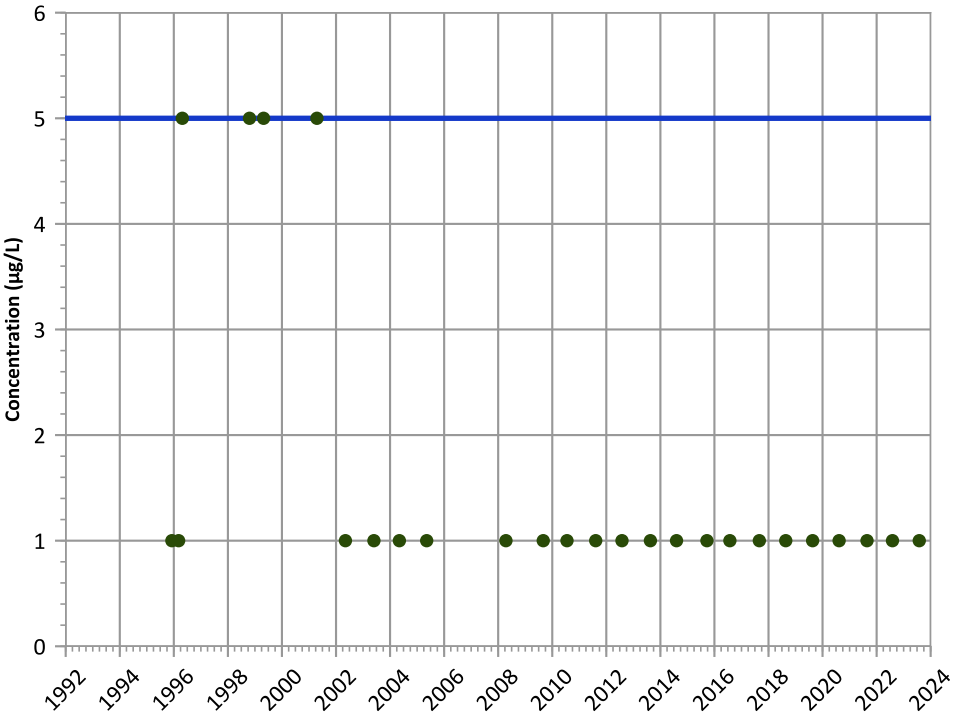
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

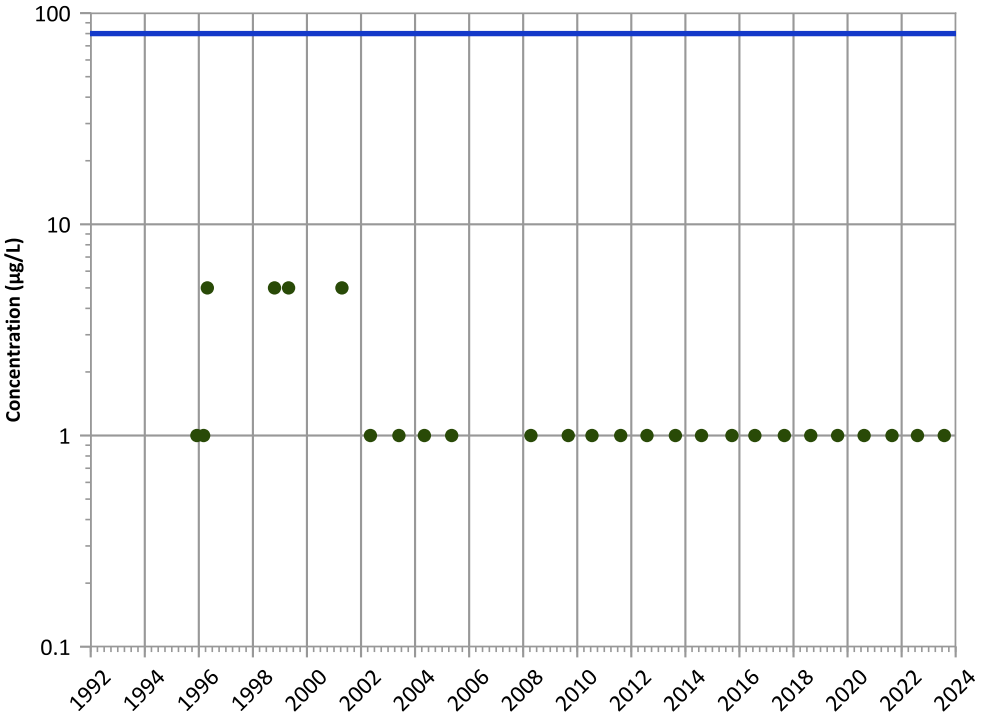


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

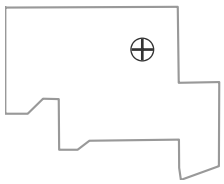
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

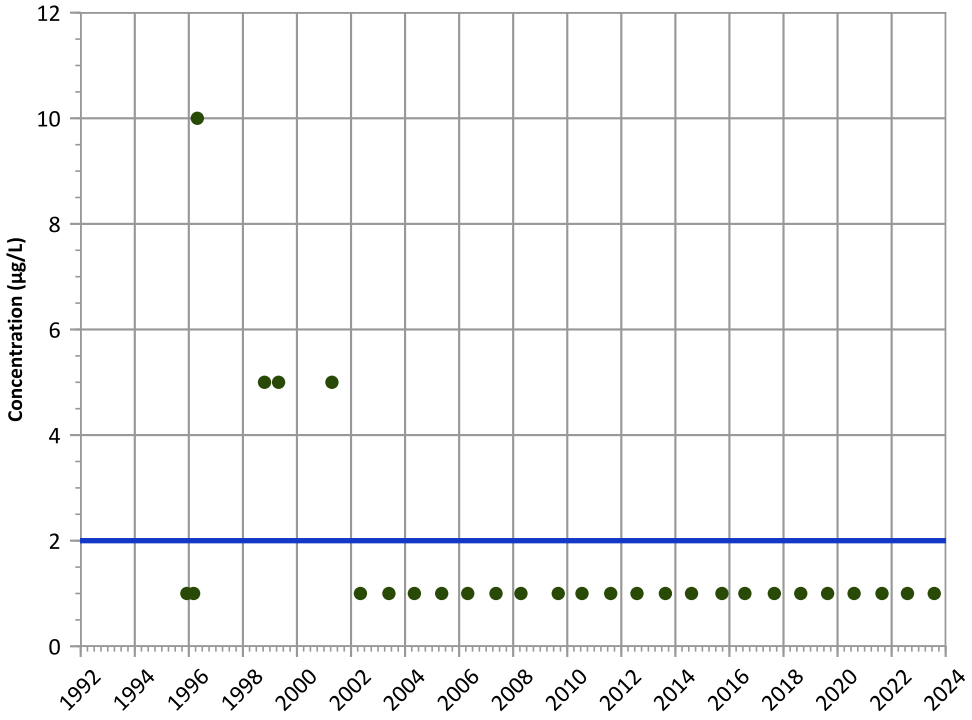
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

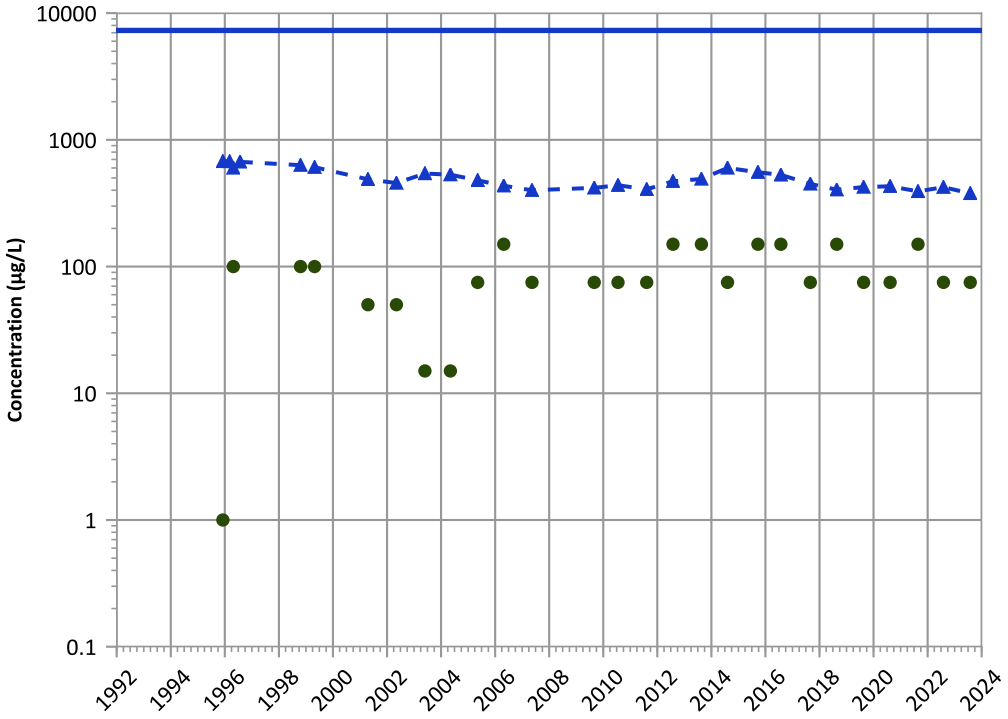


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

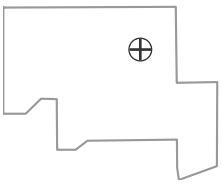
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

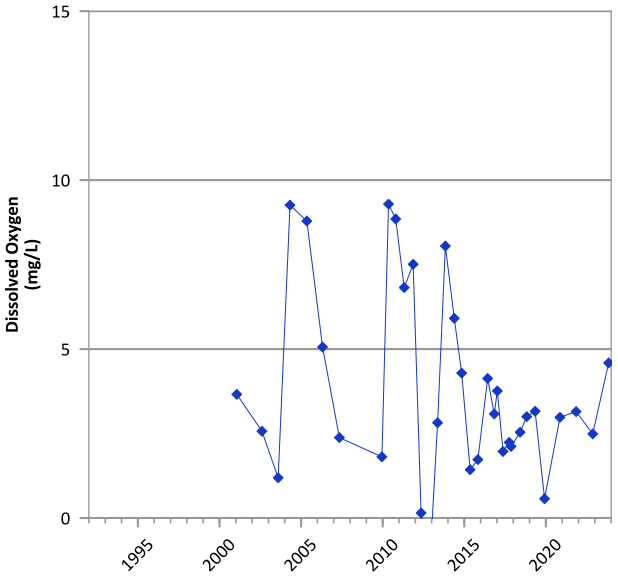
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/1995 to 07/31/2023
Analysis Date: 04/01/2024

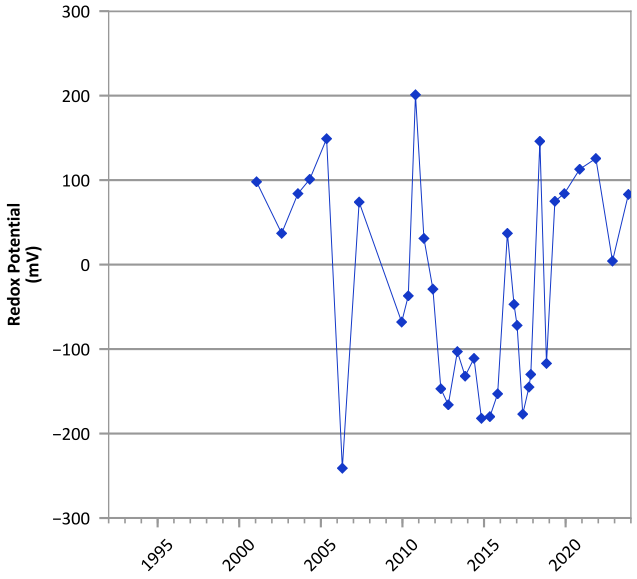
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

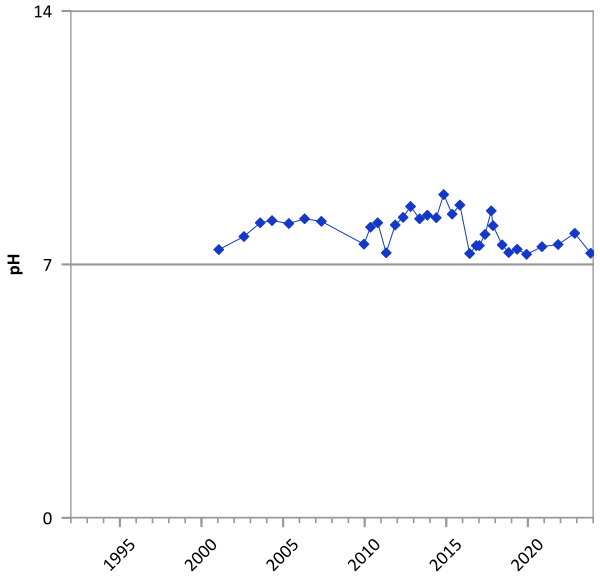
Well Location

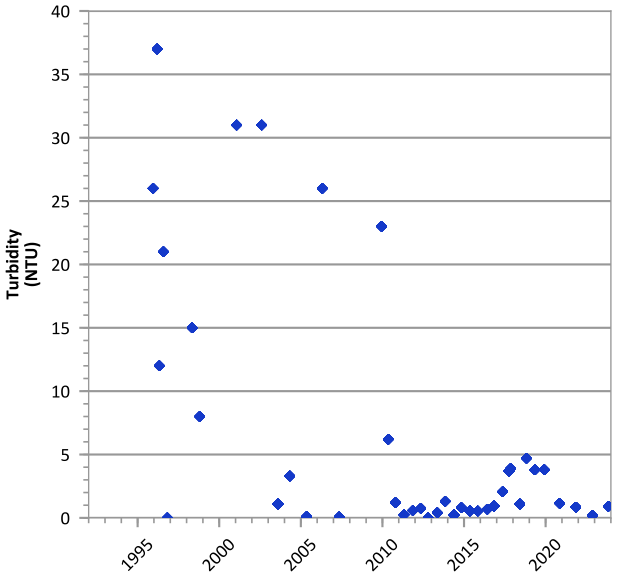


PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

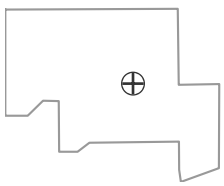






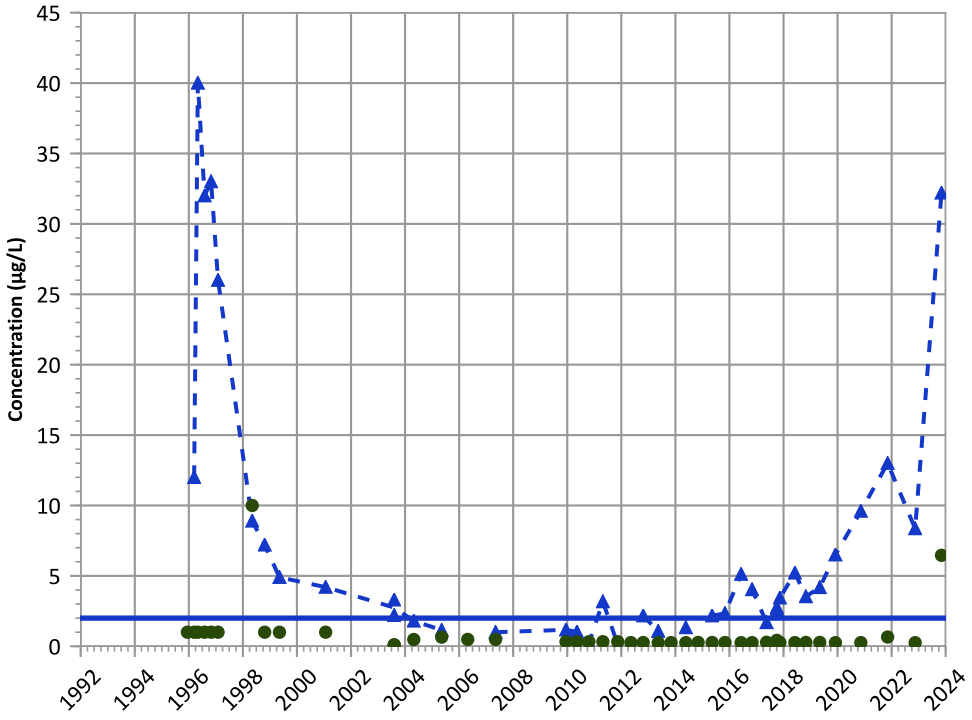


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

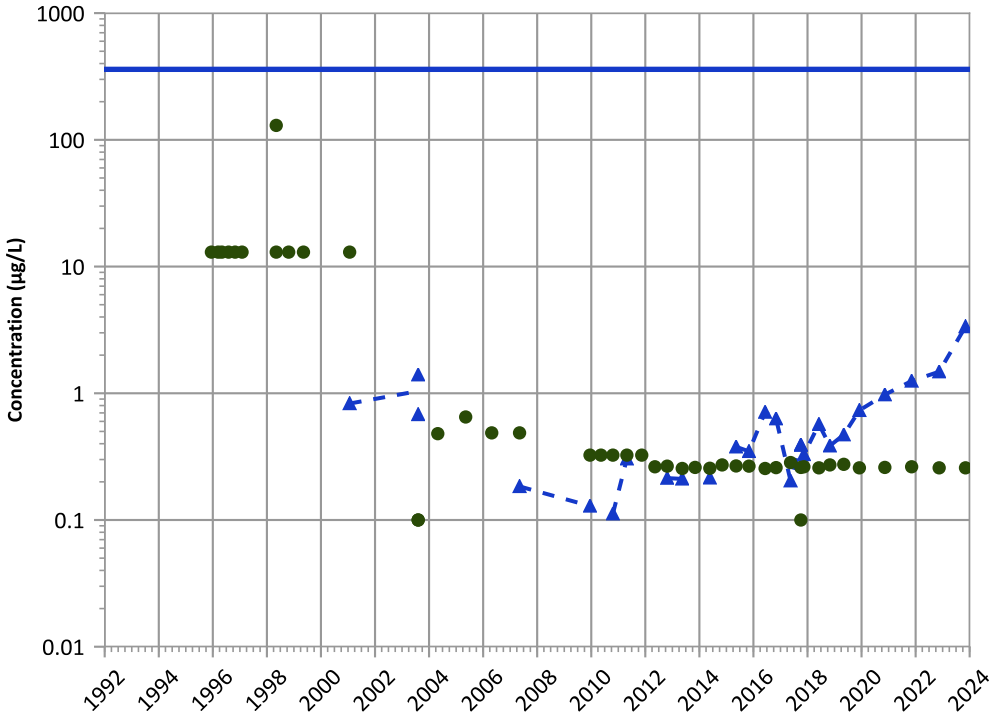


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

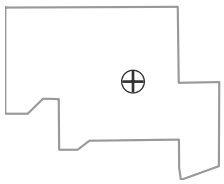
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

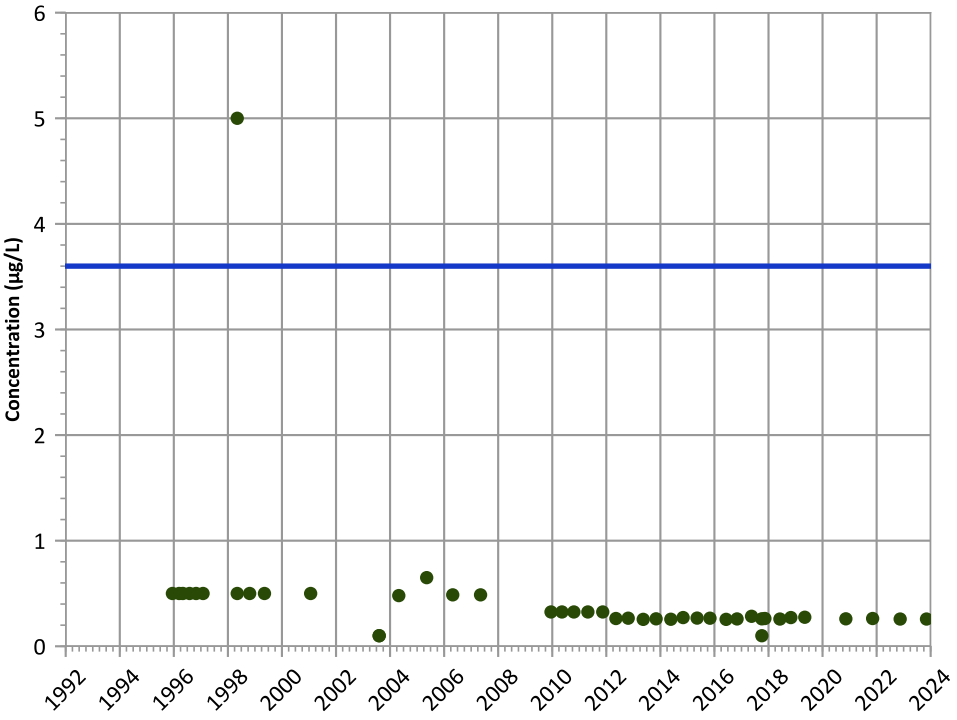
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

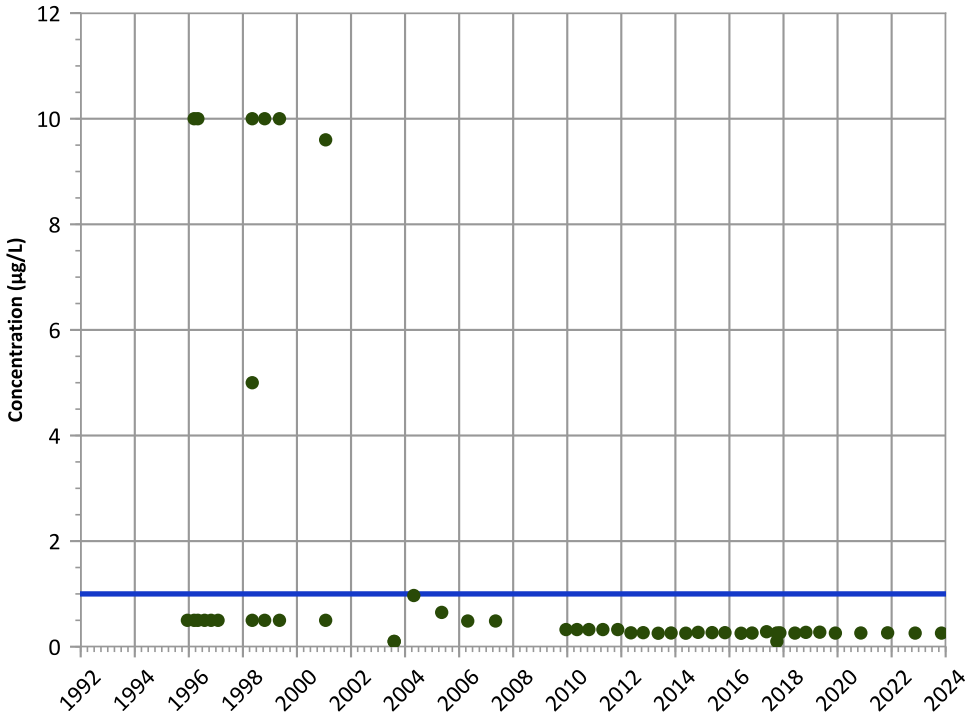
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



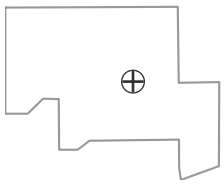
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

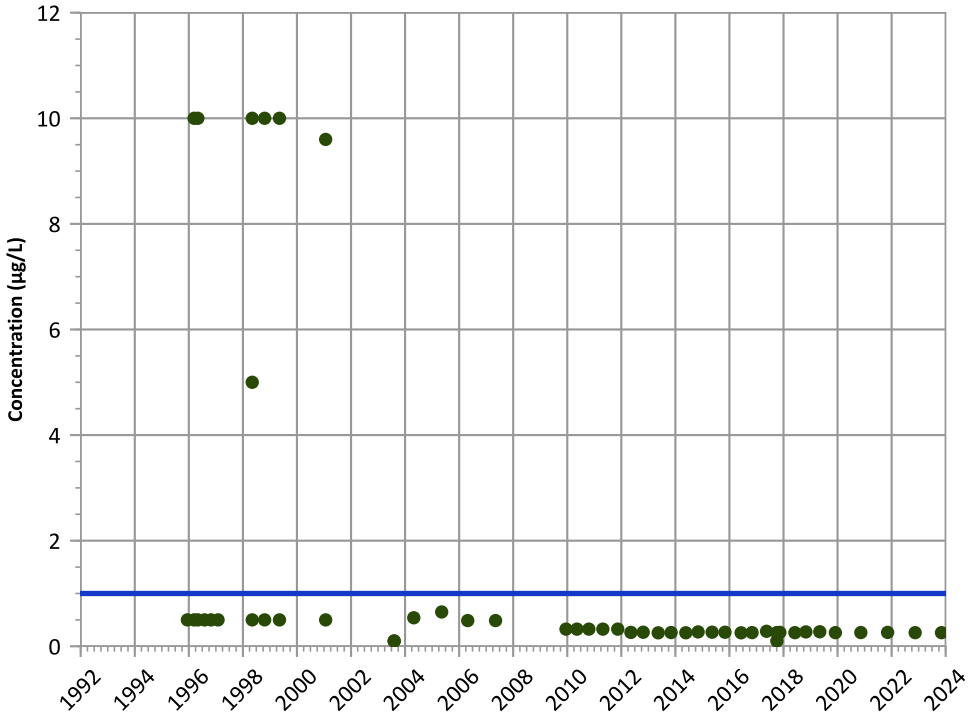
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

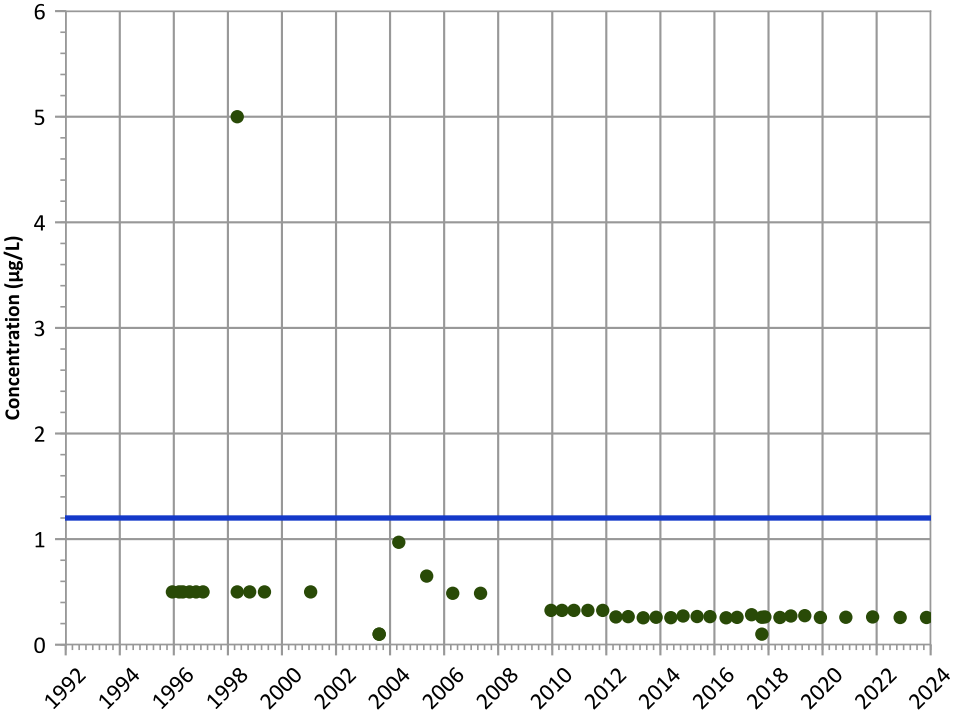


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

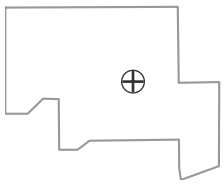
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

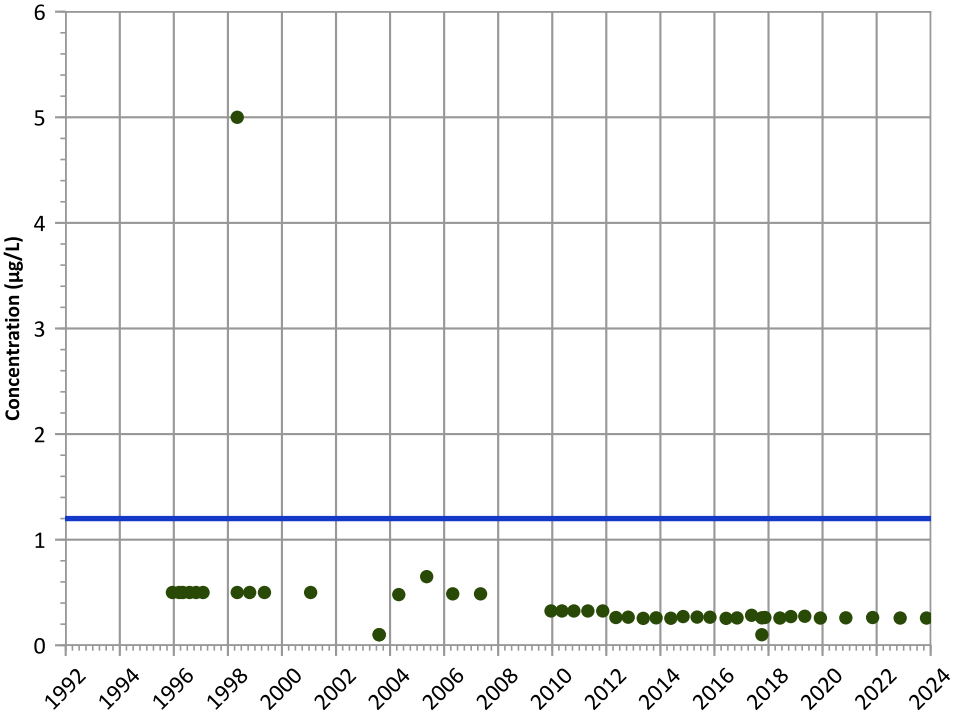
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

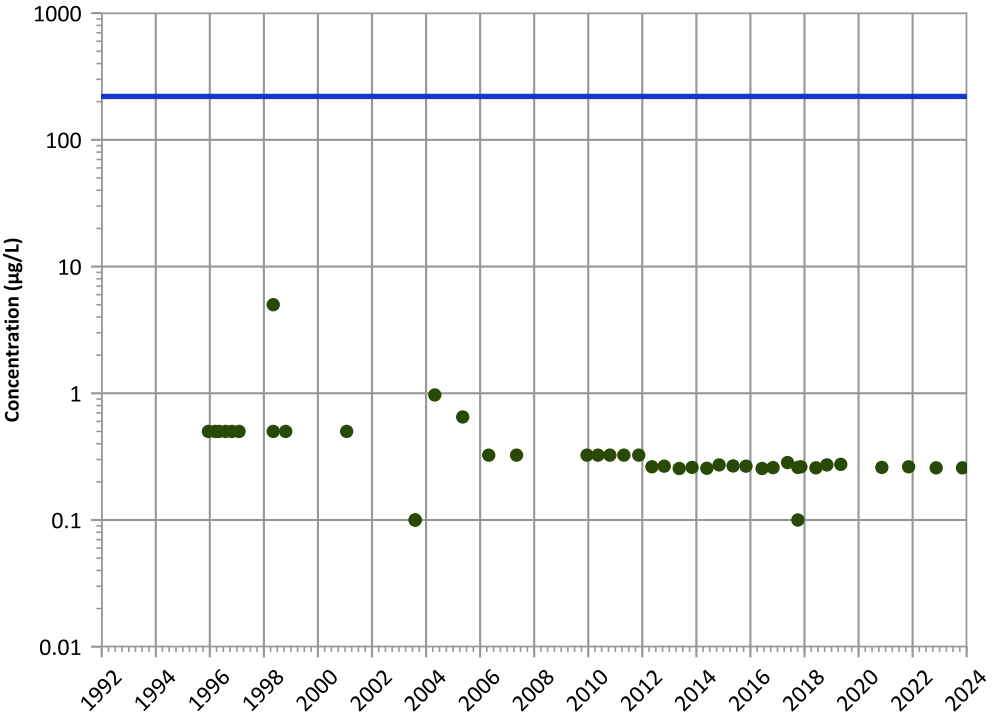
4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



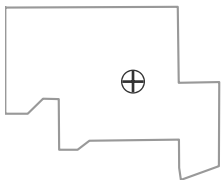
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

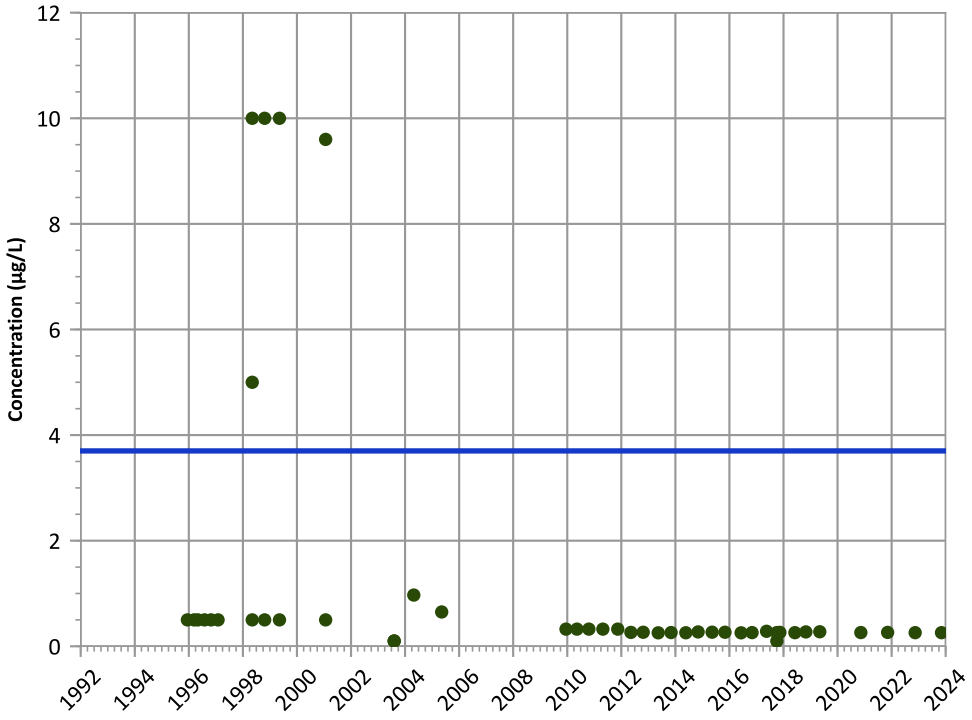
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

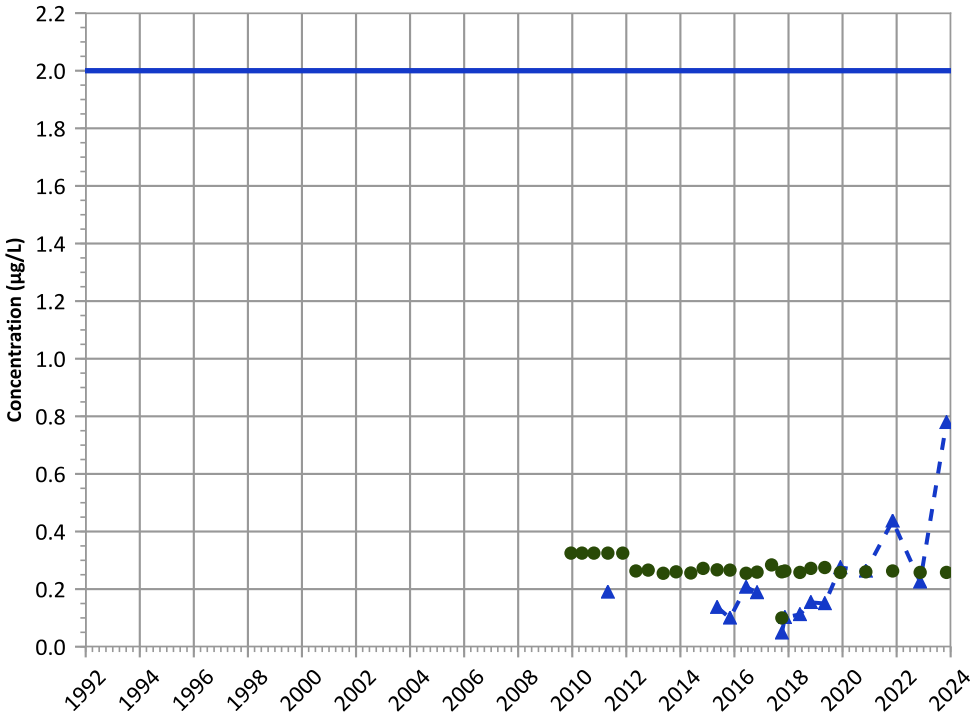


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

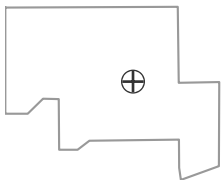
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

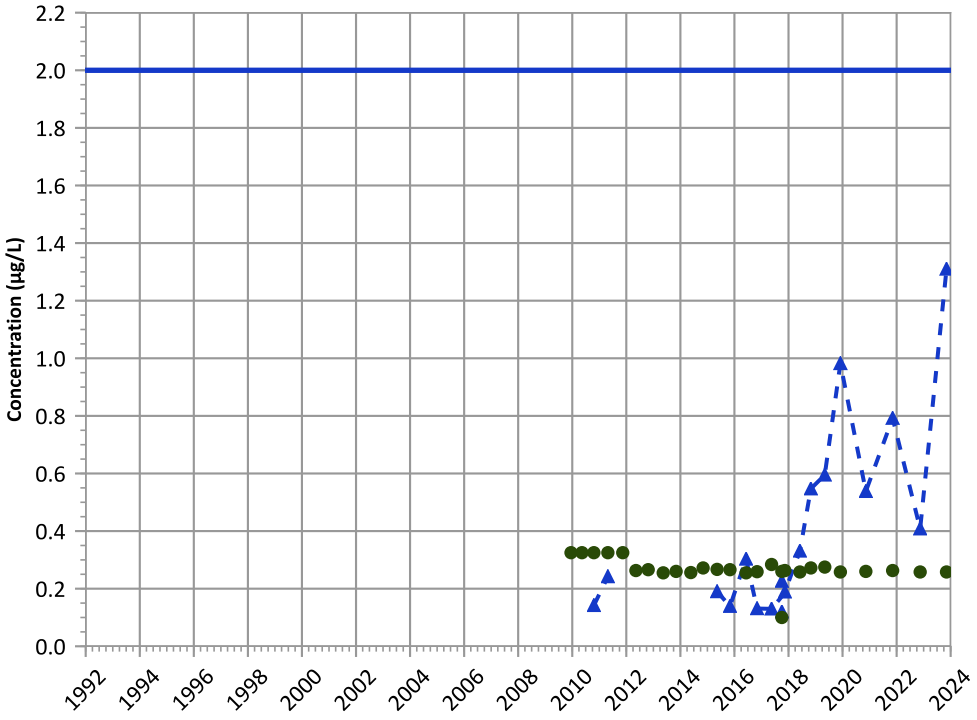
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

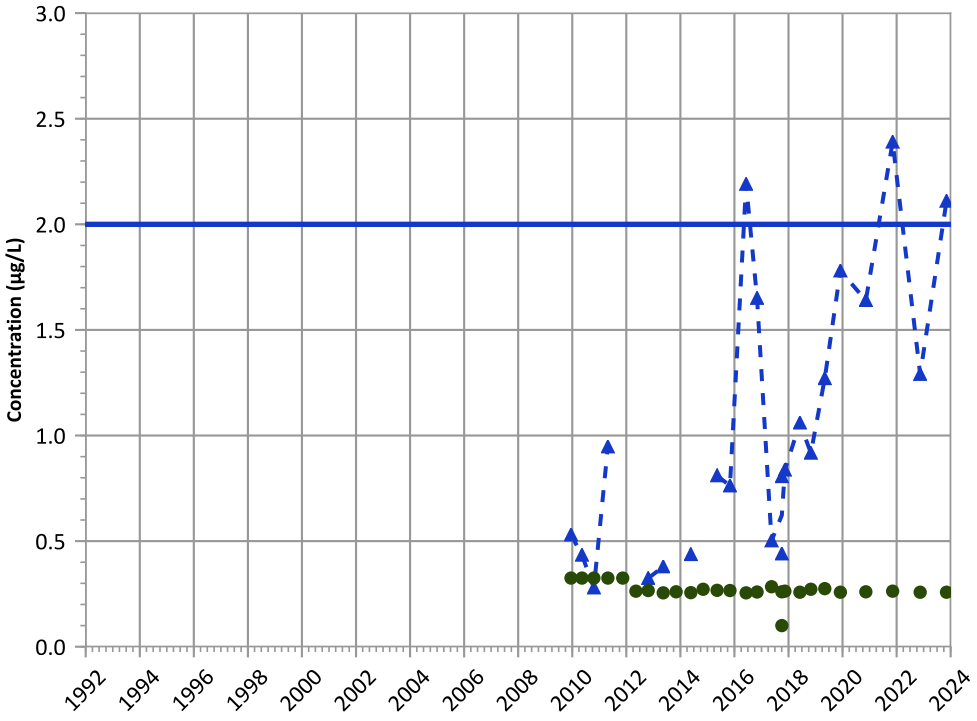


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

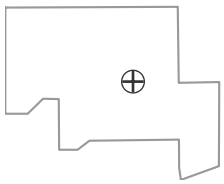
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

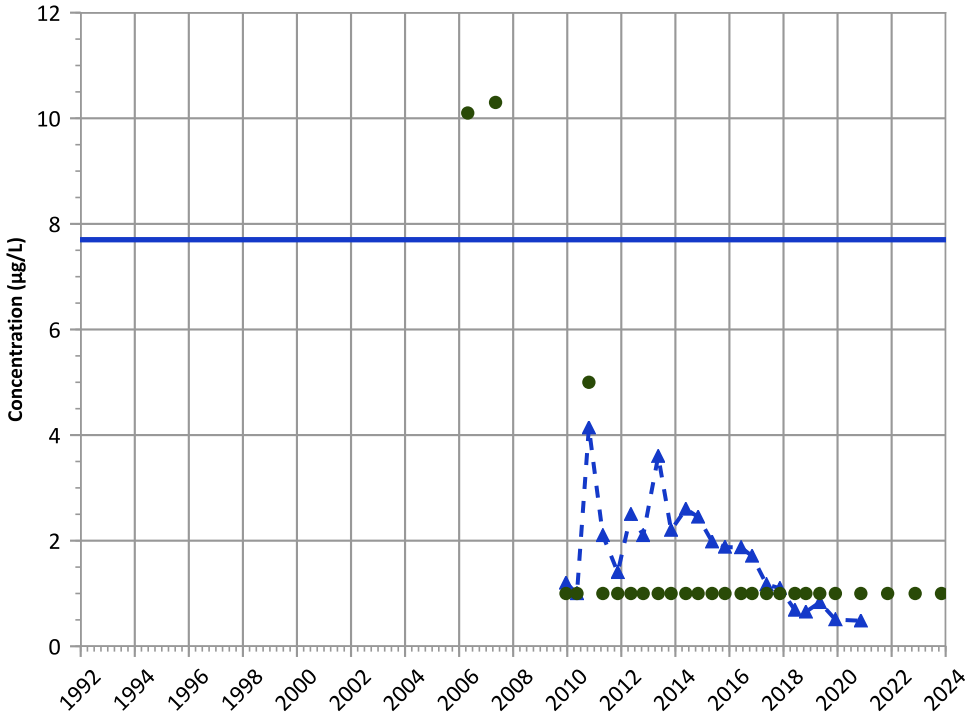
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

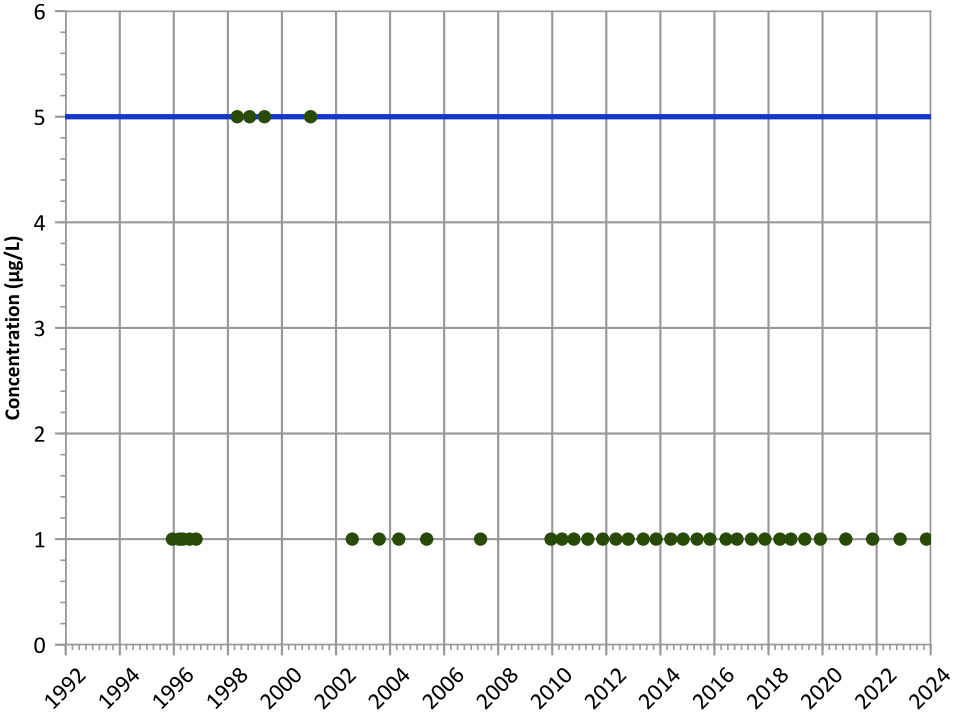


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

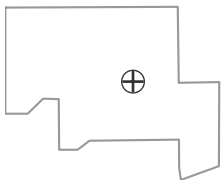
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

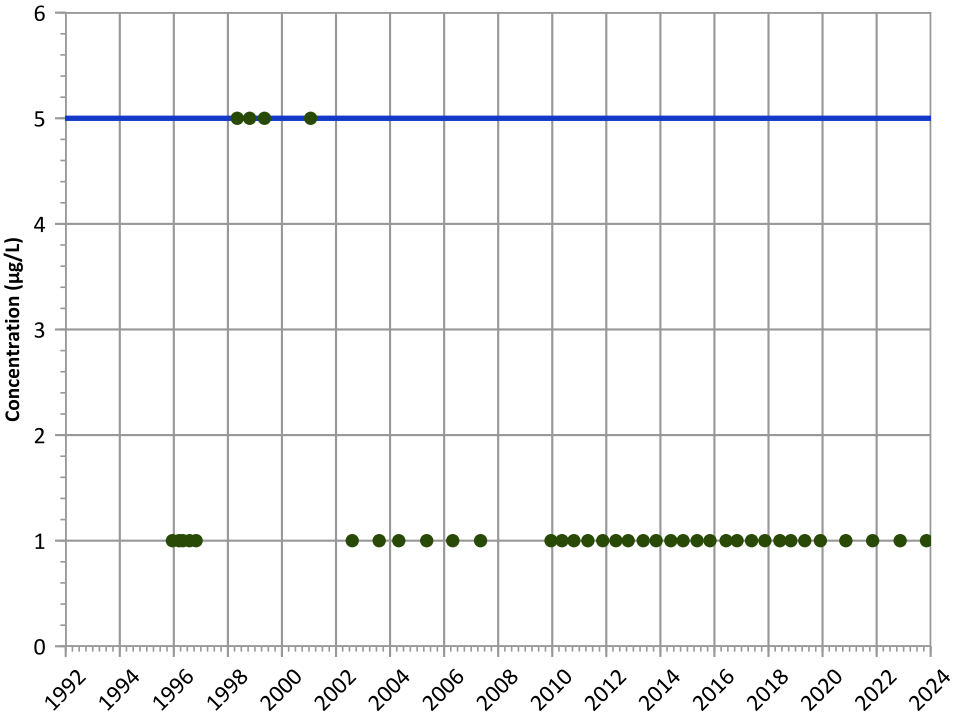
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

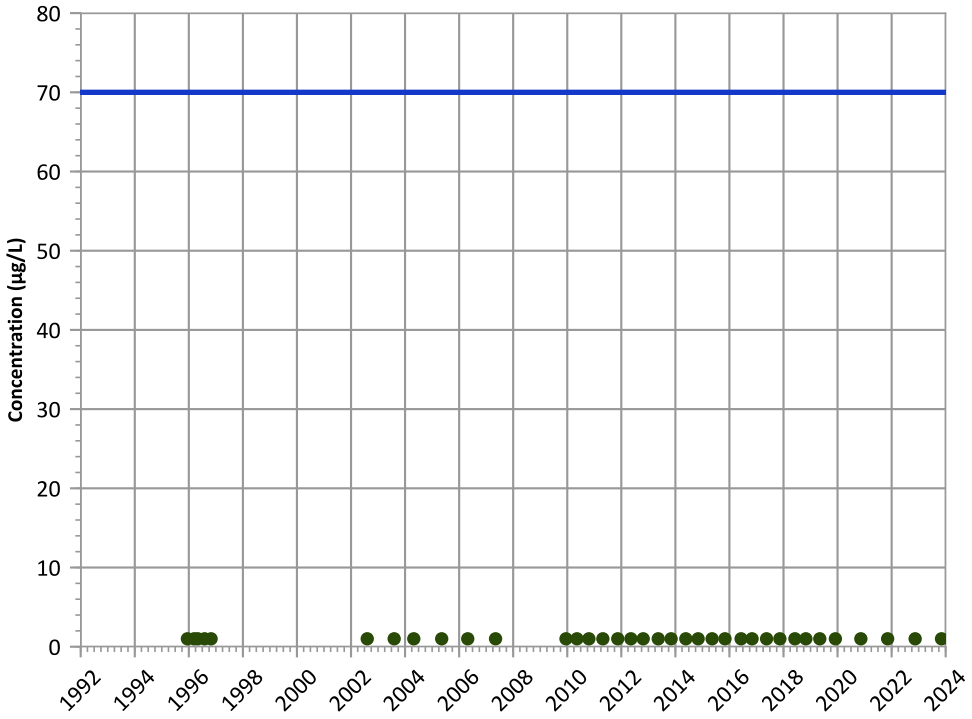
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



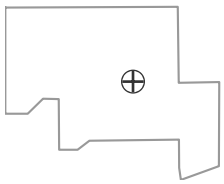
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

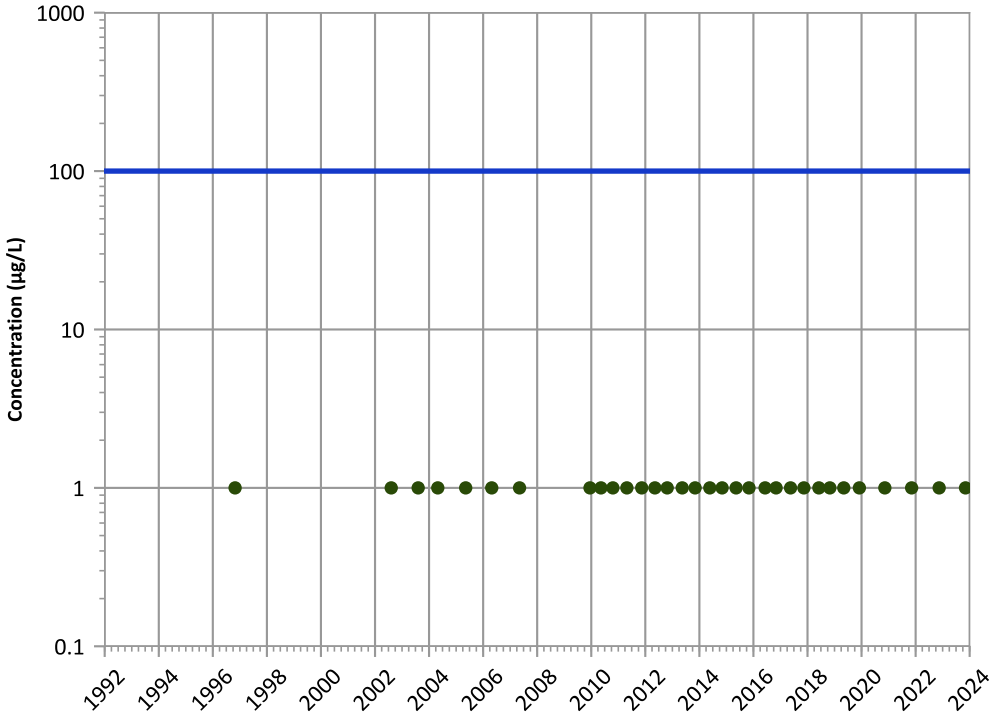
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

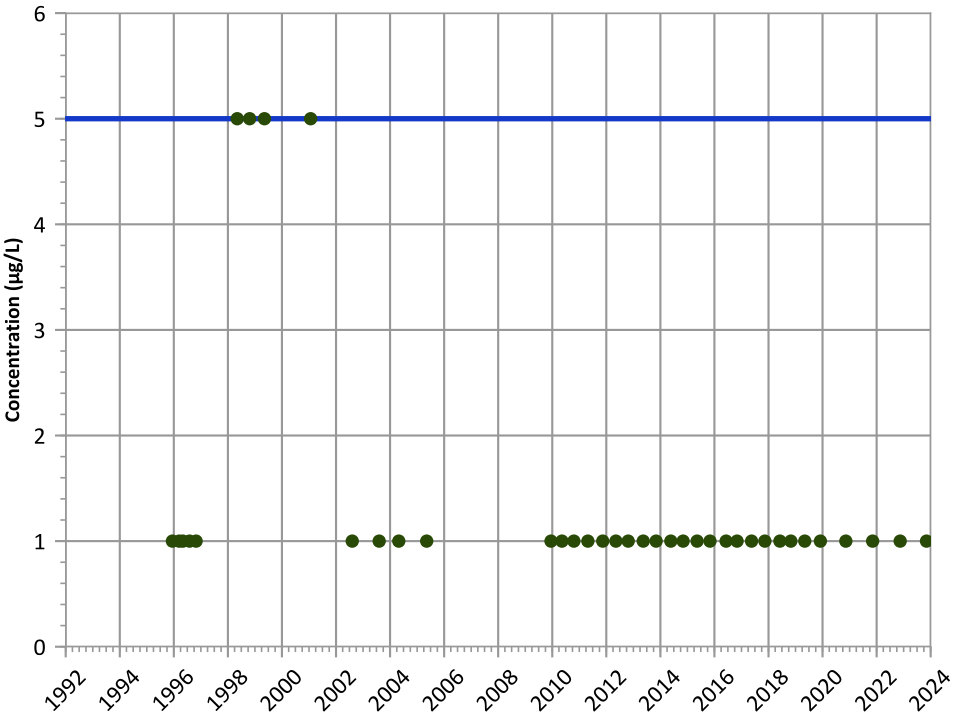


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

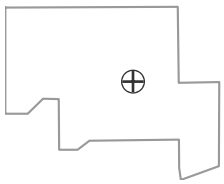
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

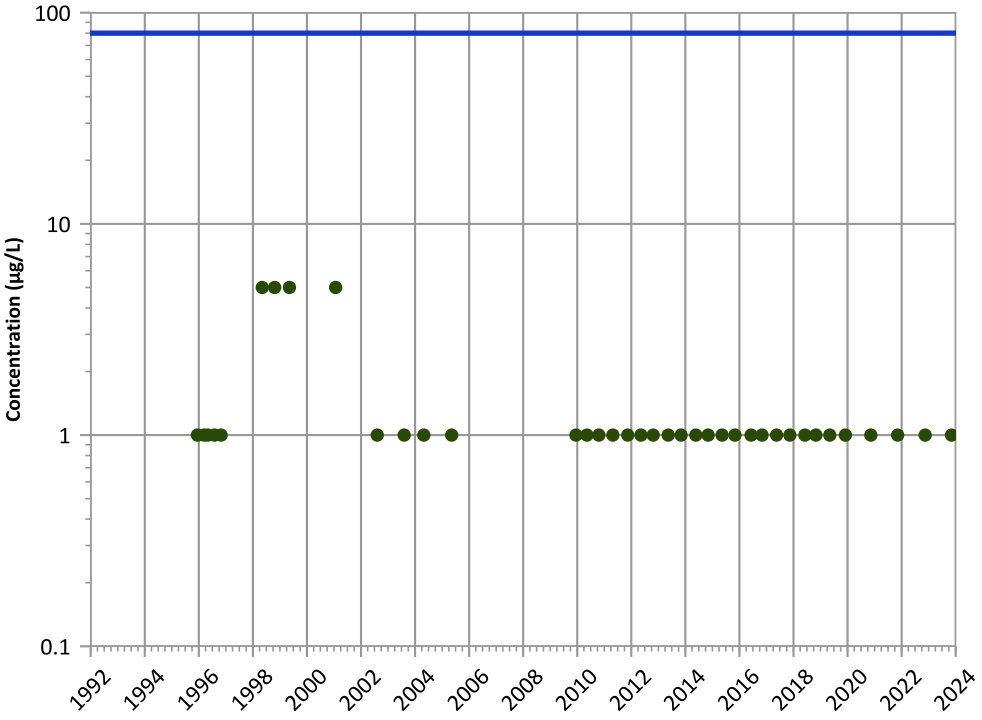
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

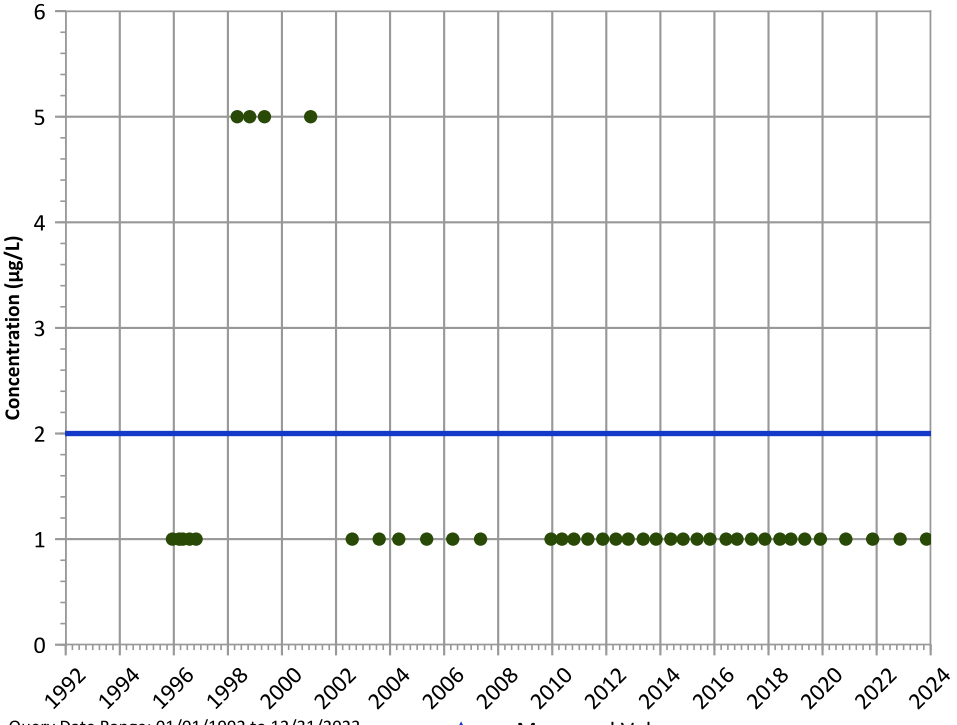


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

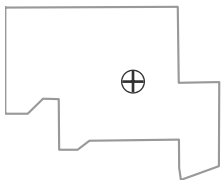
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

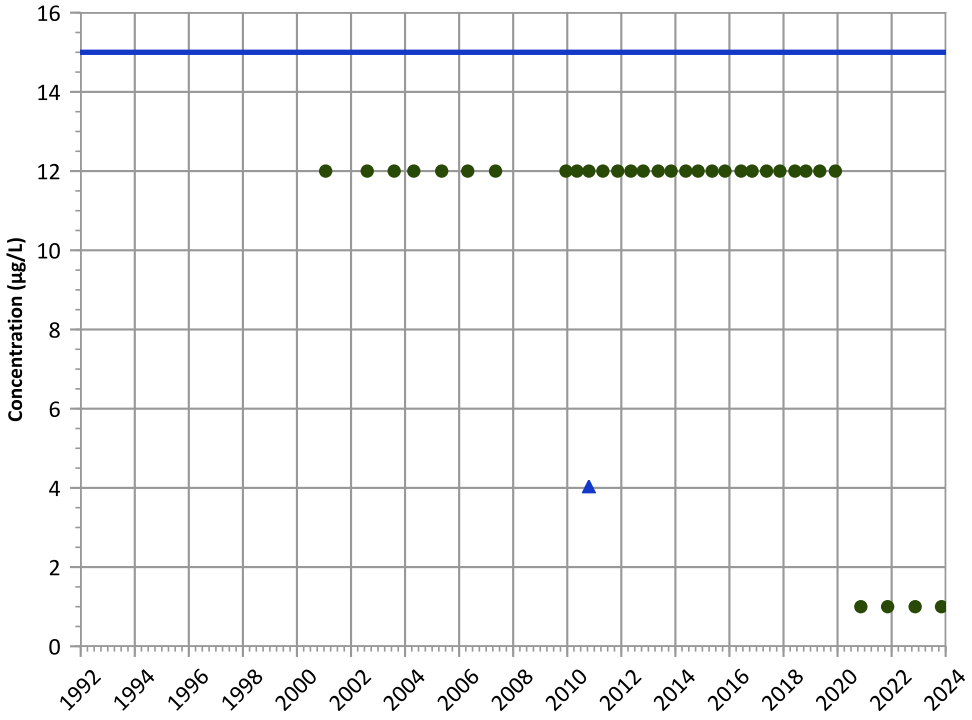
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

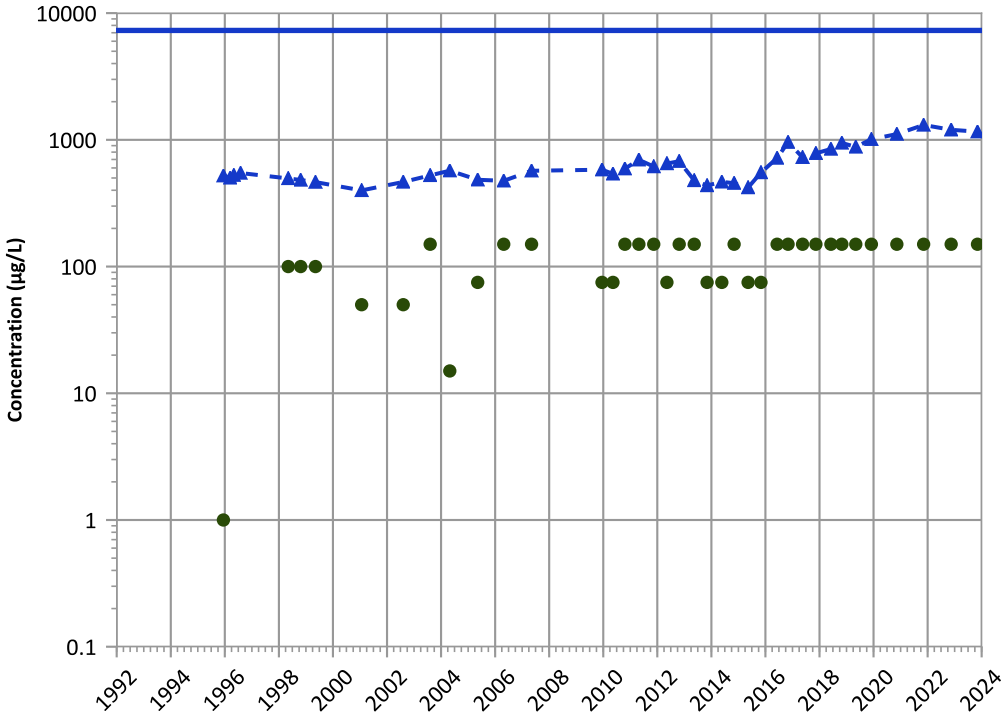


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

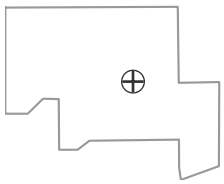
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

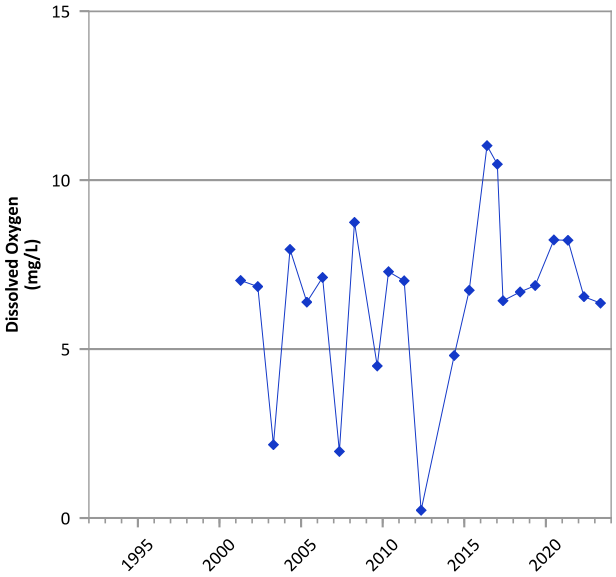
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/13/1995 to 11/06/2023
Analysis Date: 04/01/2024

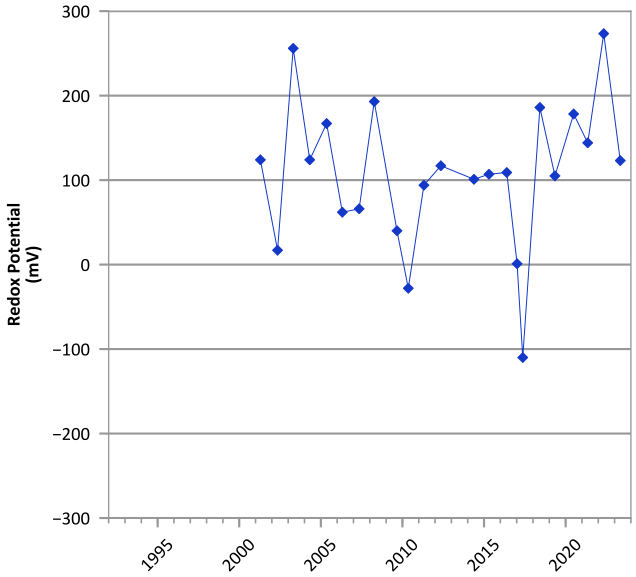
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

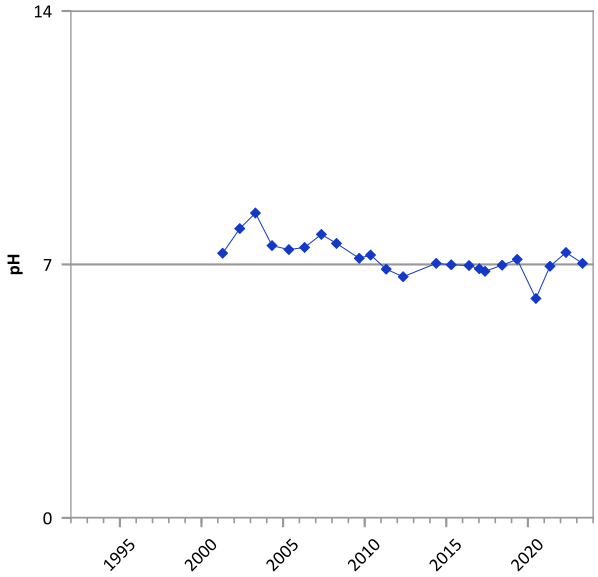
Well Location

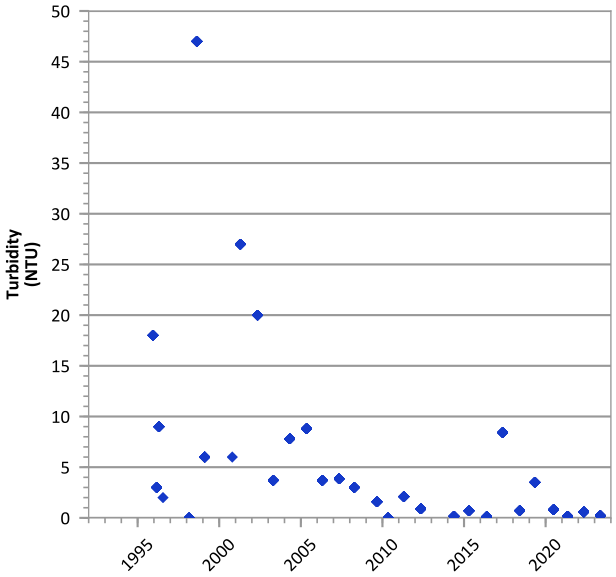


PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

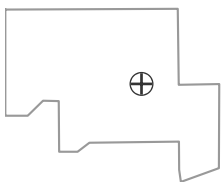






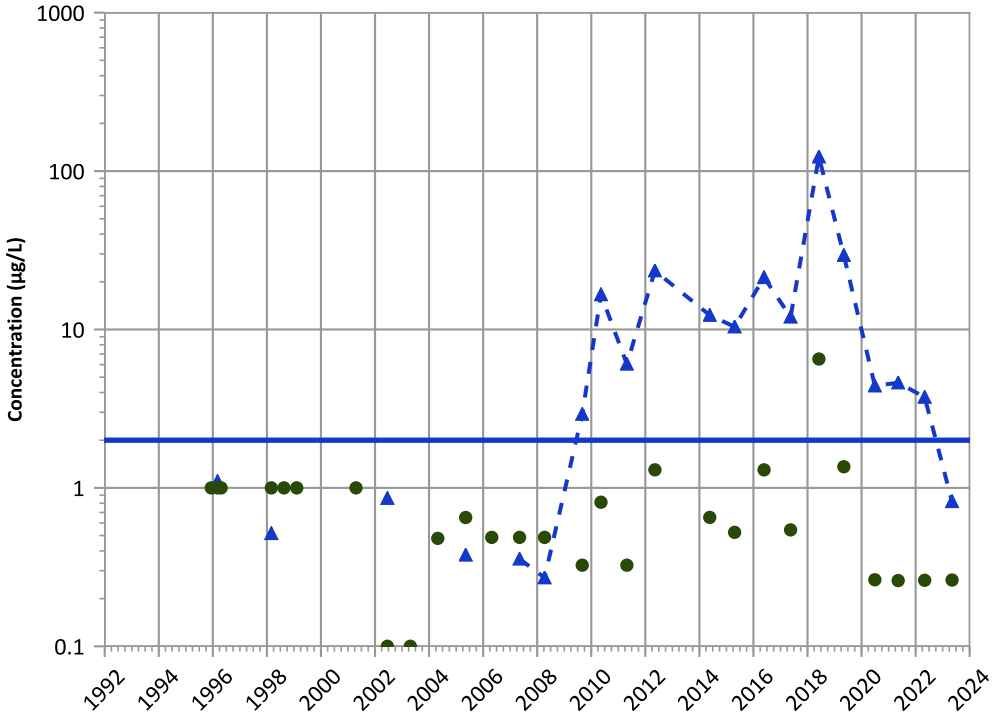


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

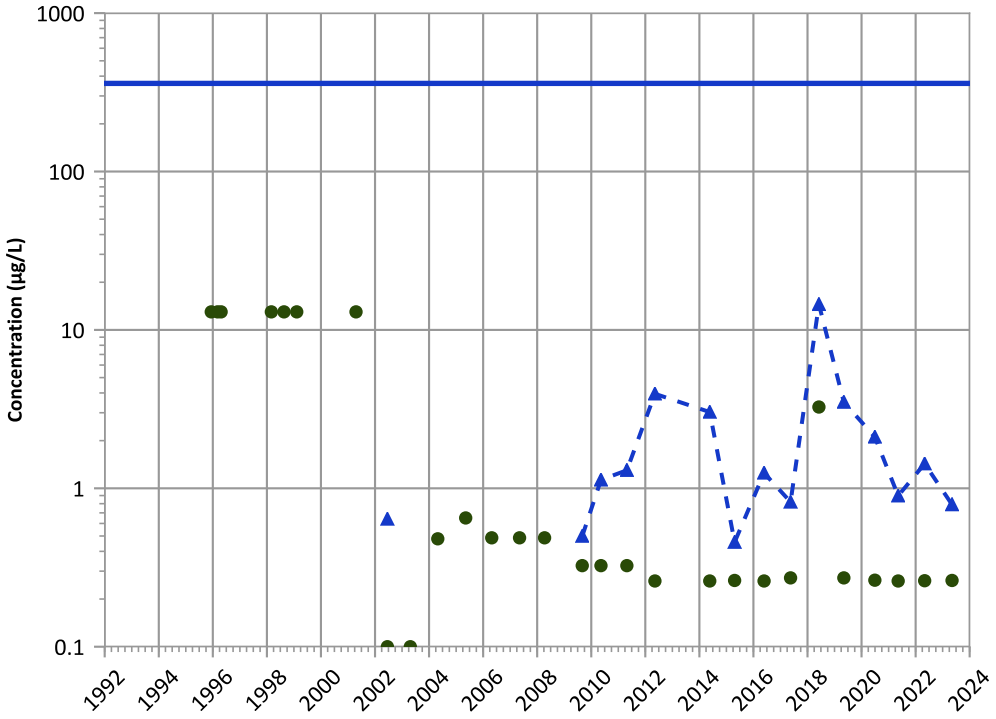


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

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



Concentration Trend

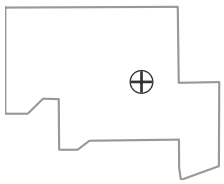
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

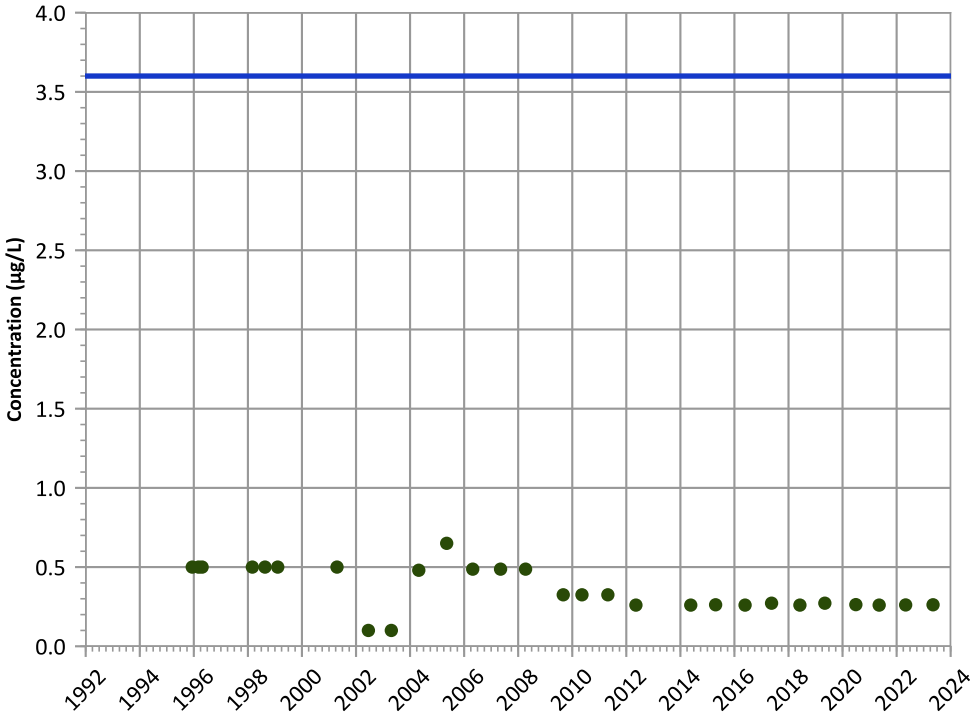
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

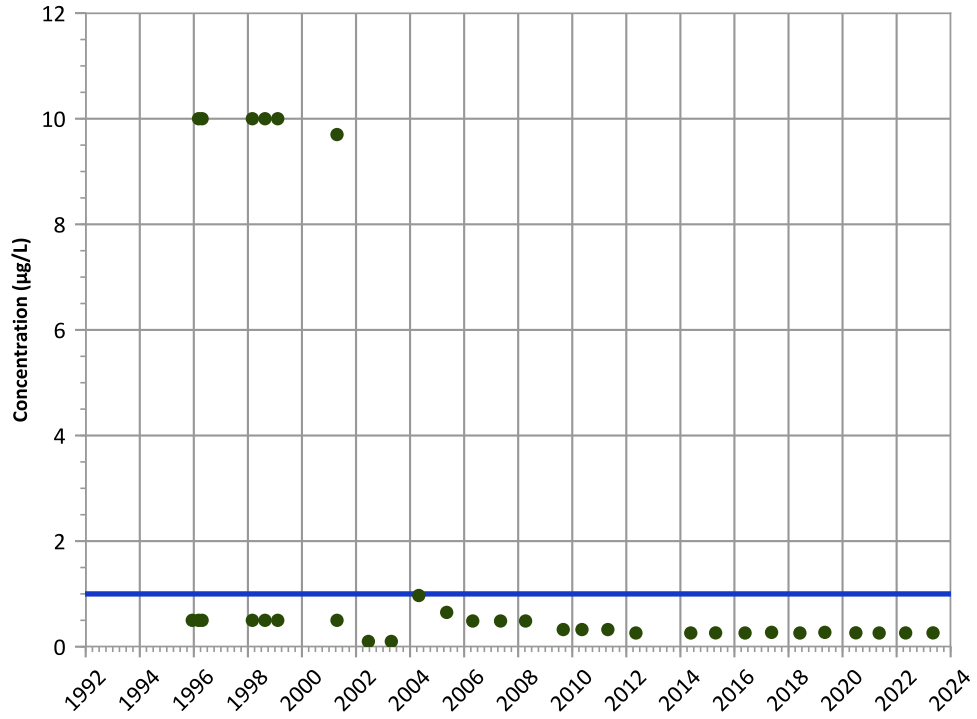


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

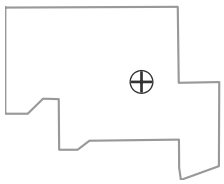
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

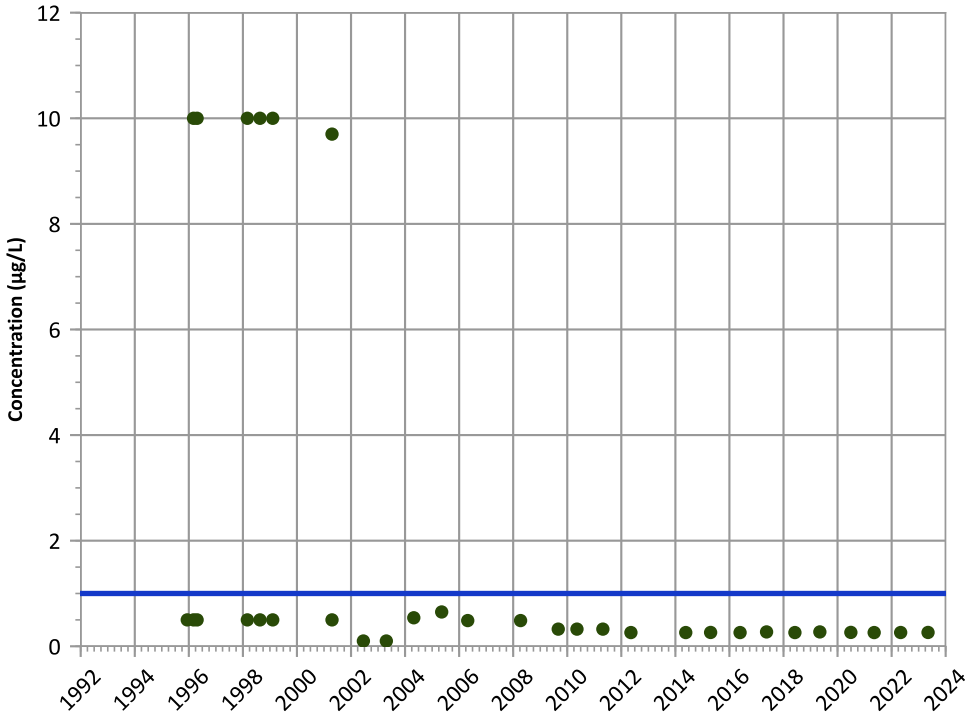
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

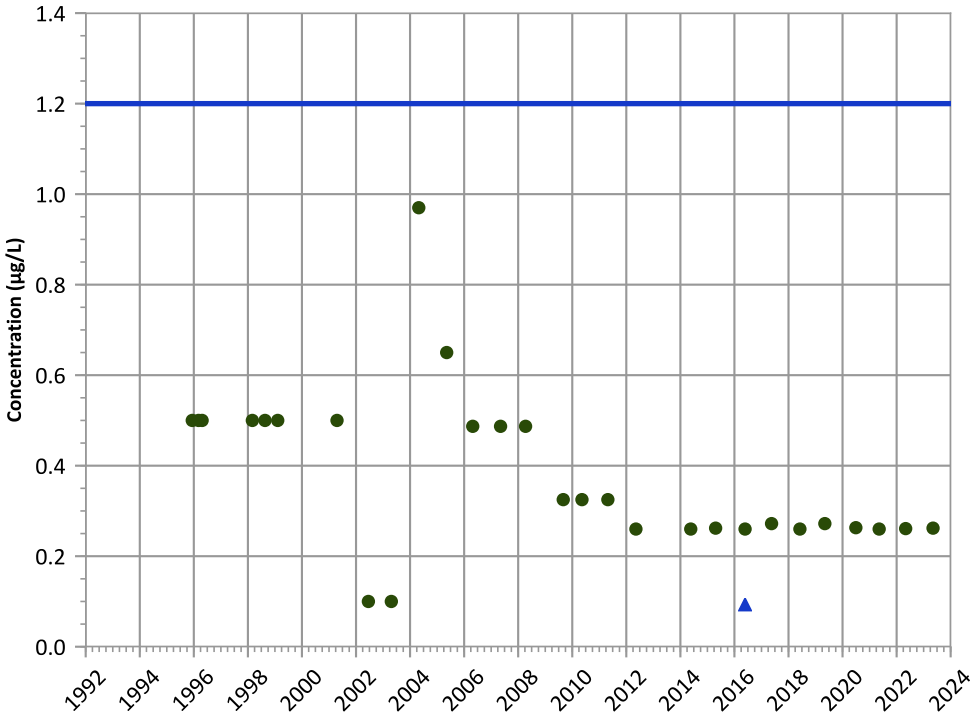


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

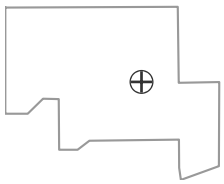
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

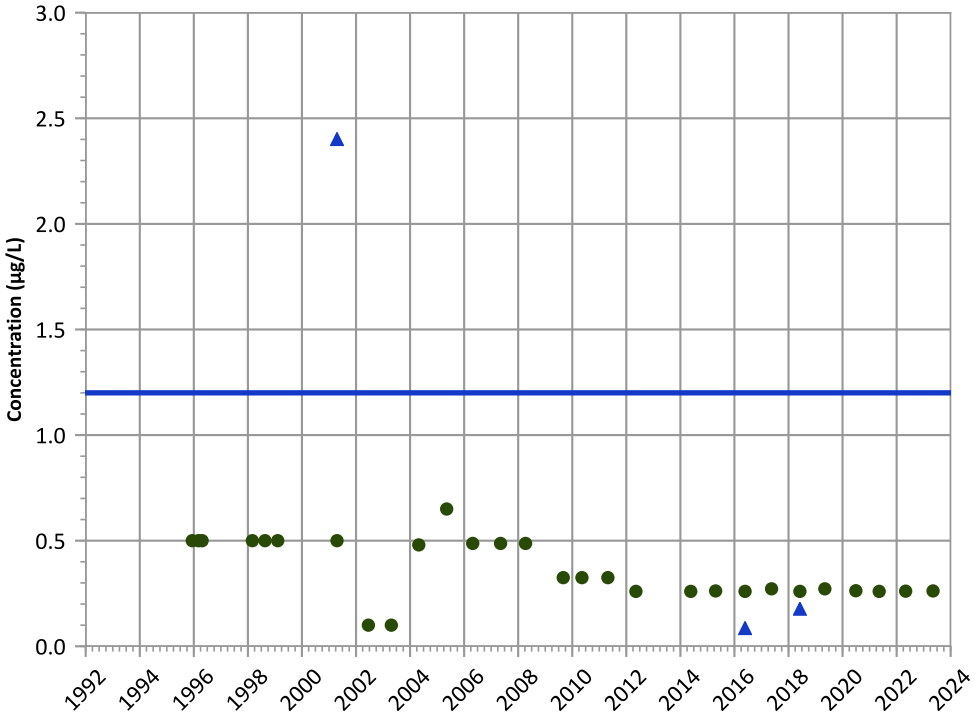
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

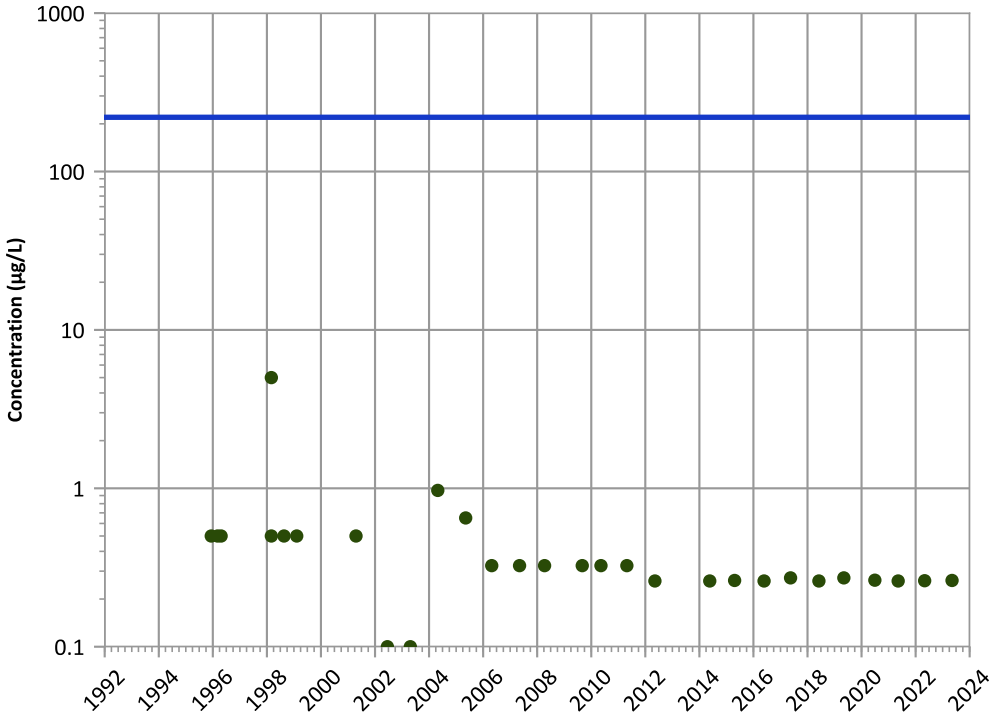


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

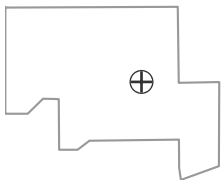
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

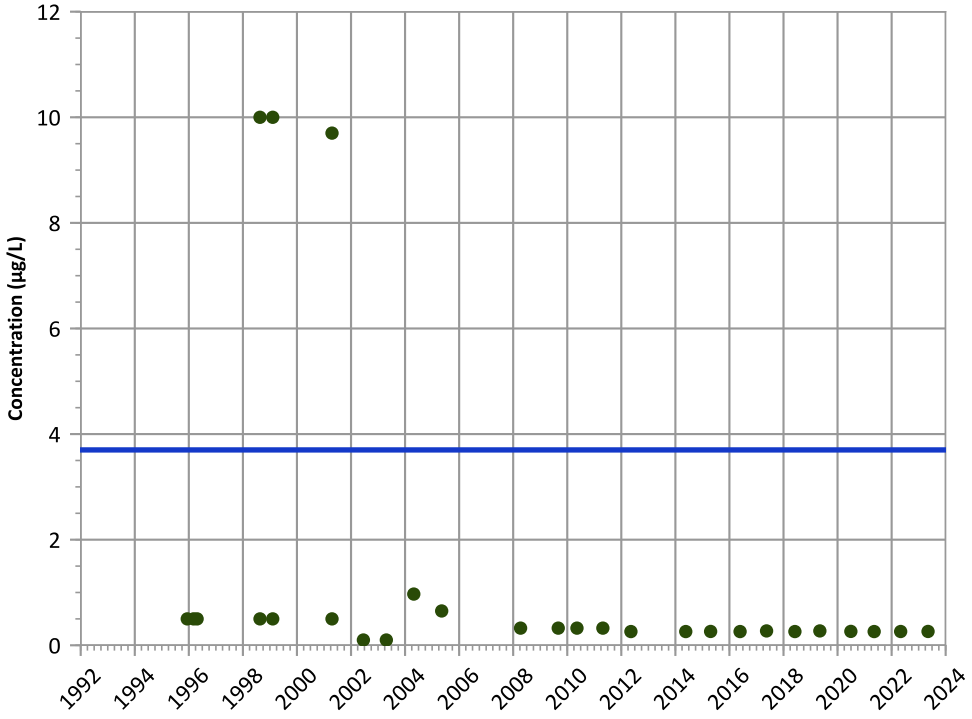
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

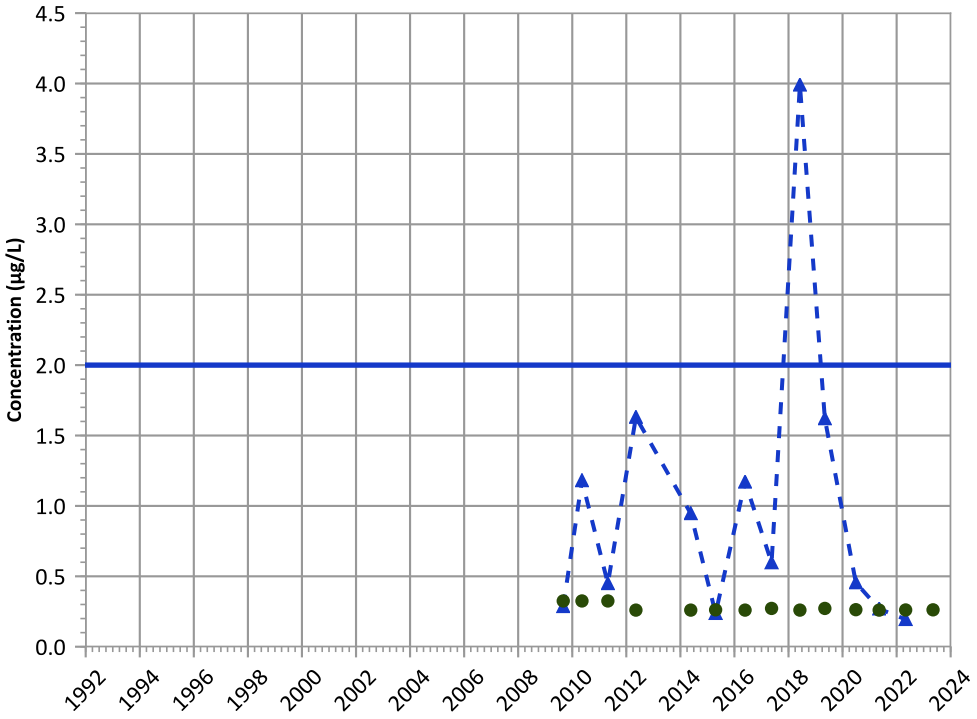


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

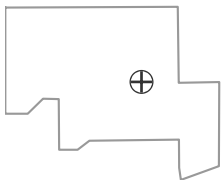
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

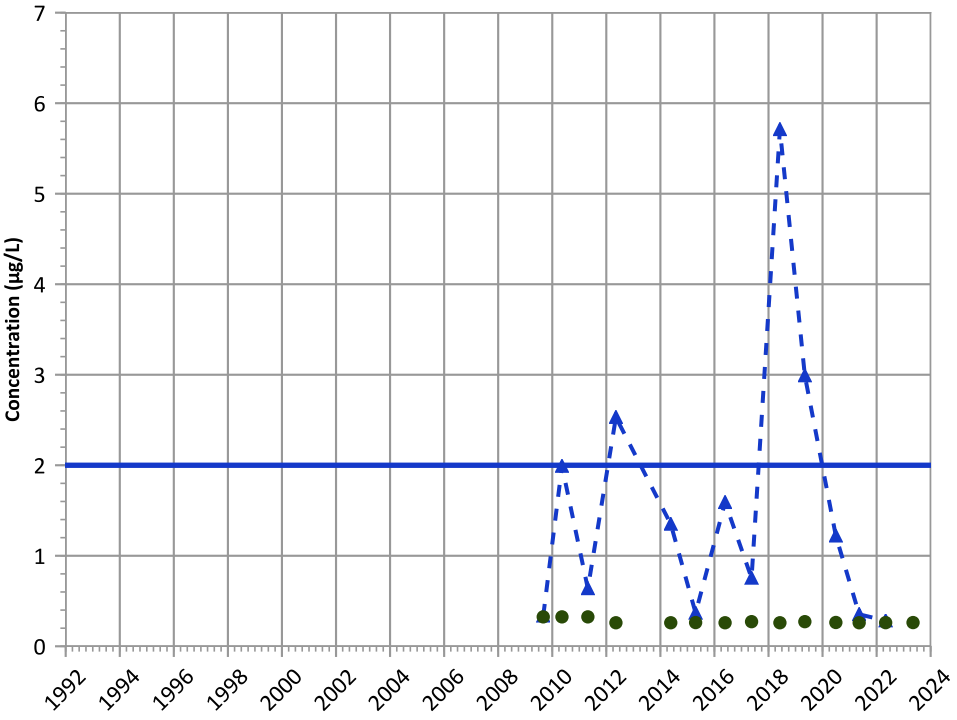
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

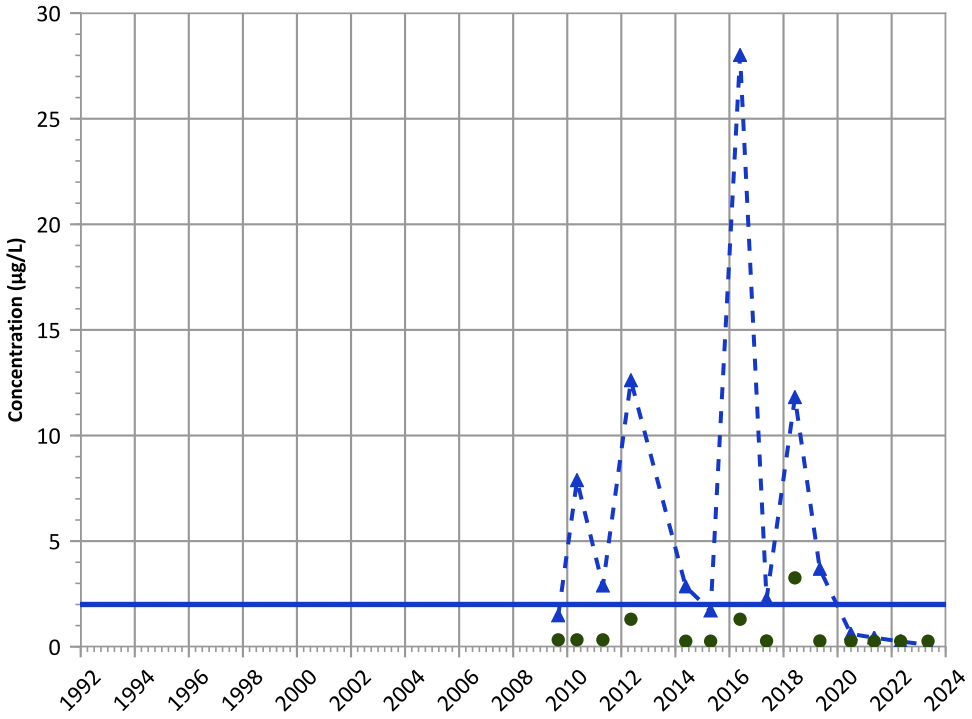


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

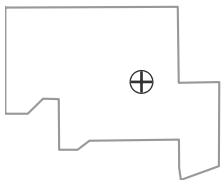
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

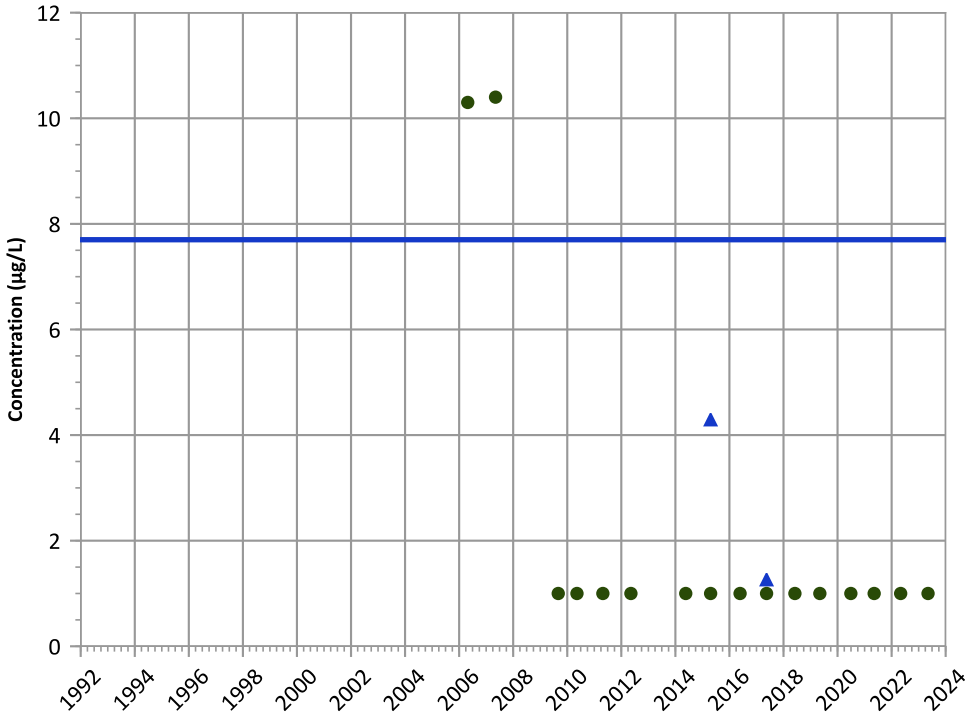
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

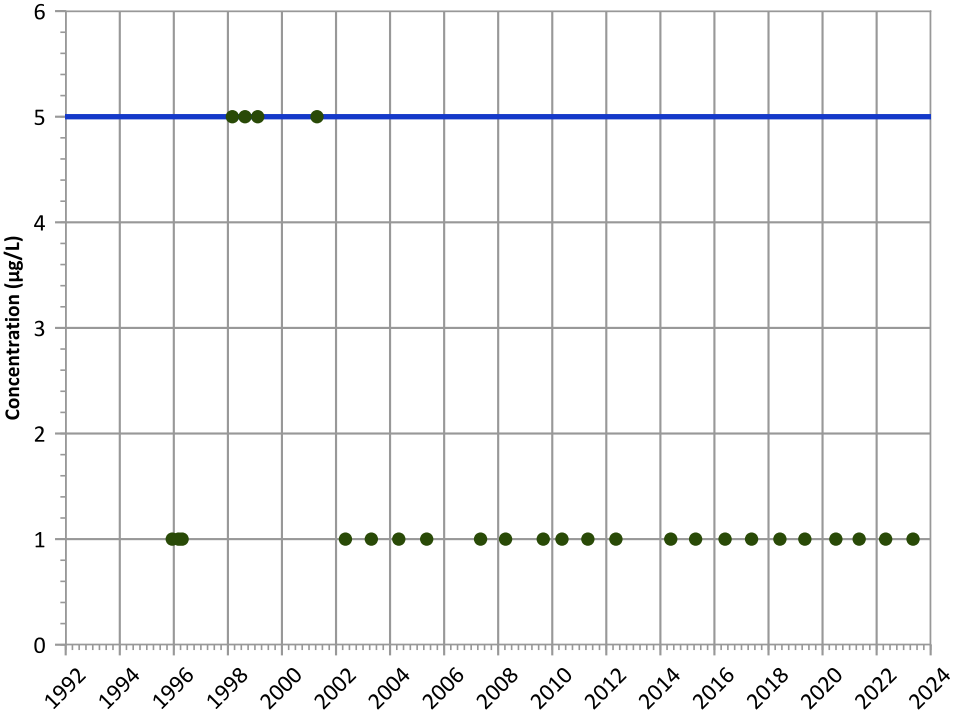


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

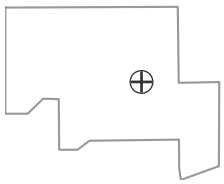
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

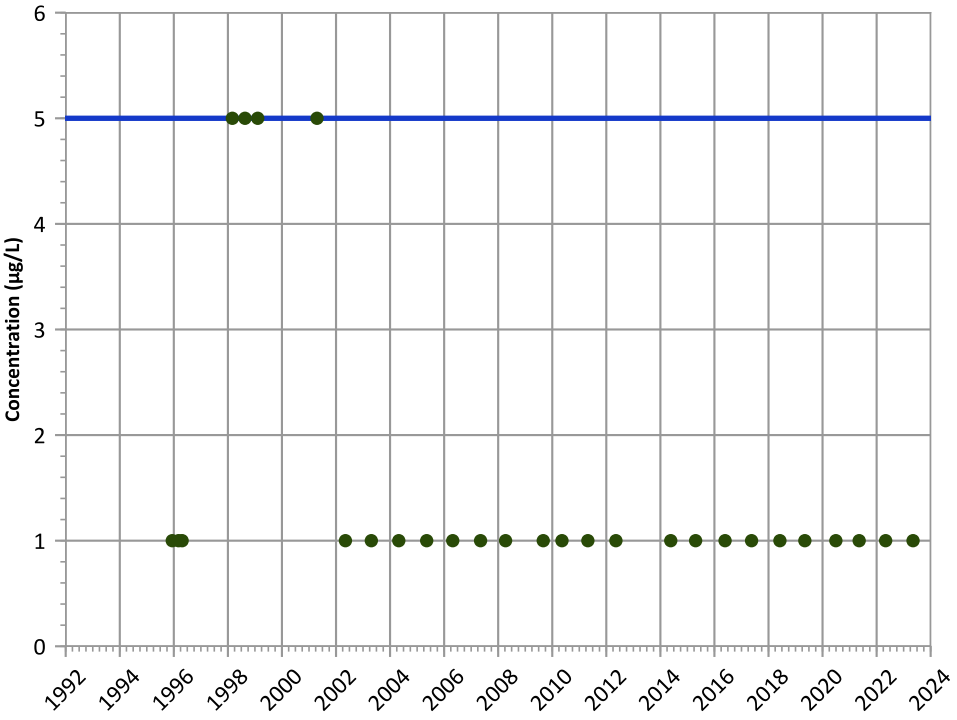
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

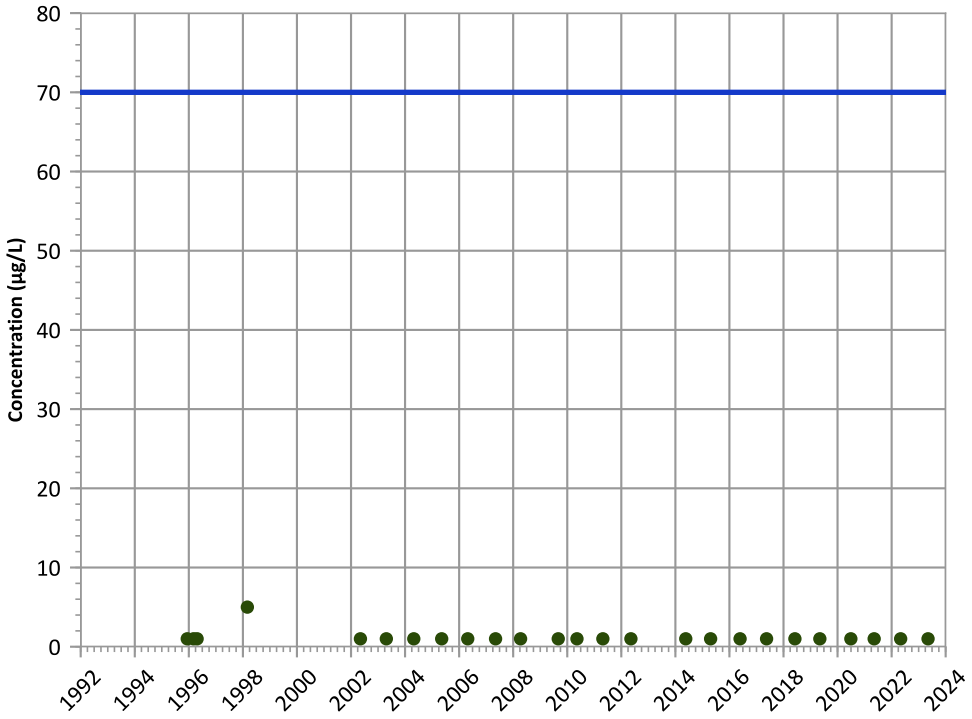
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



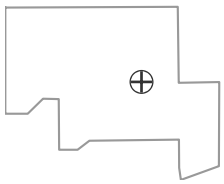
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

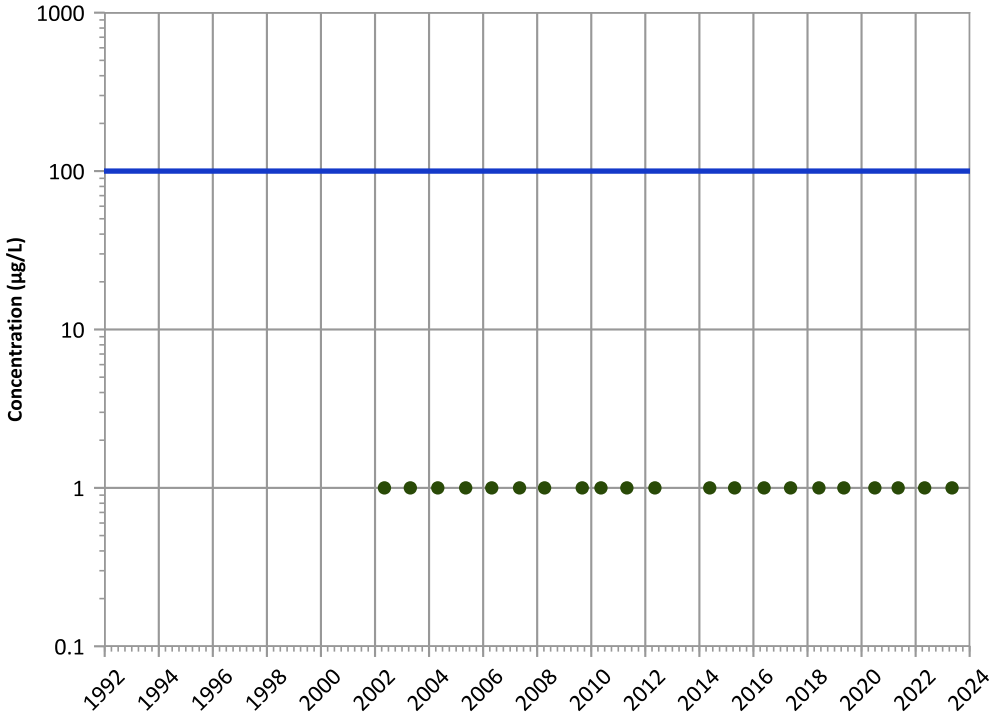
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

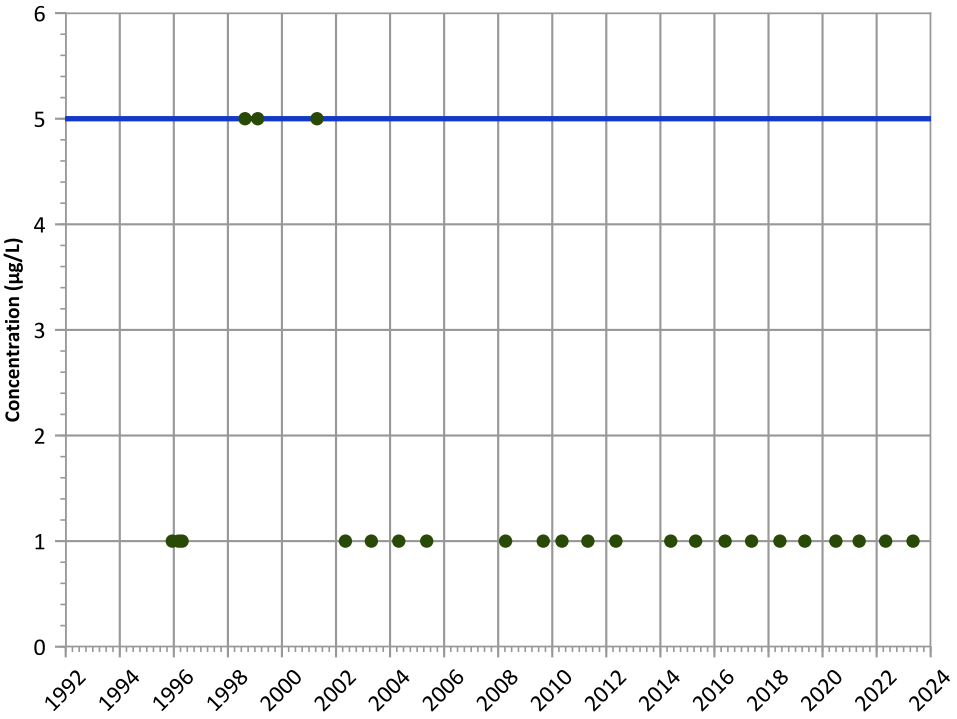


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

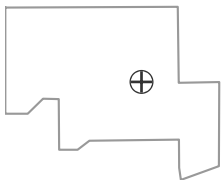
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

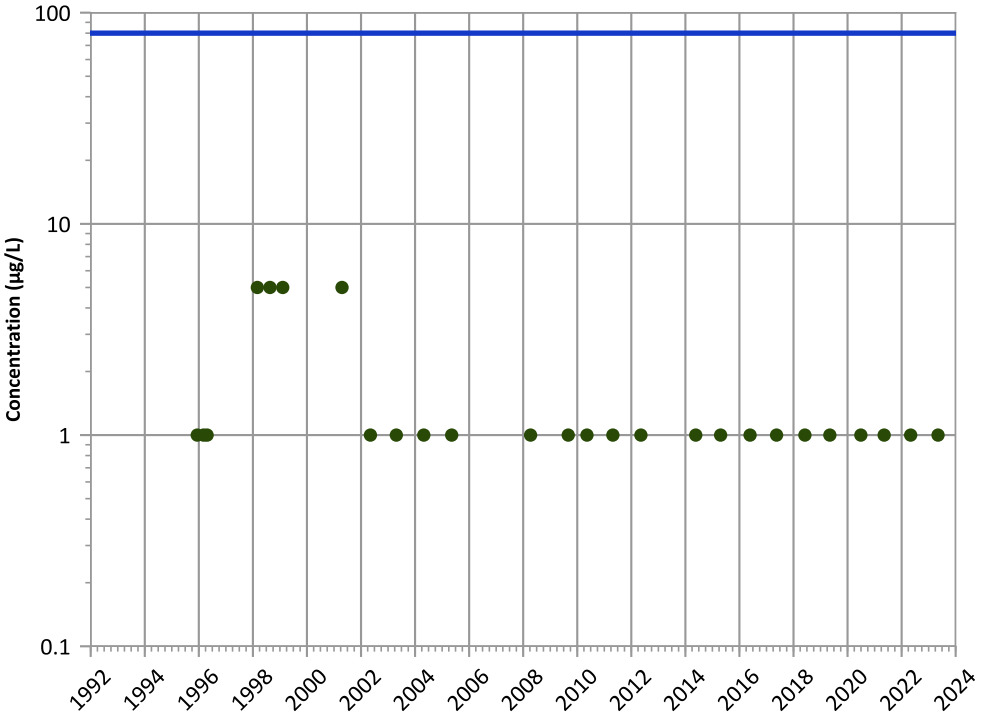
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

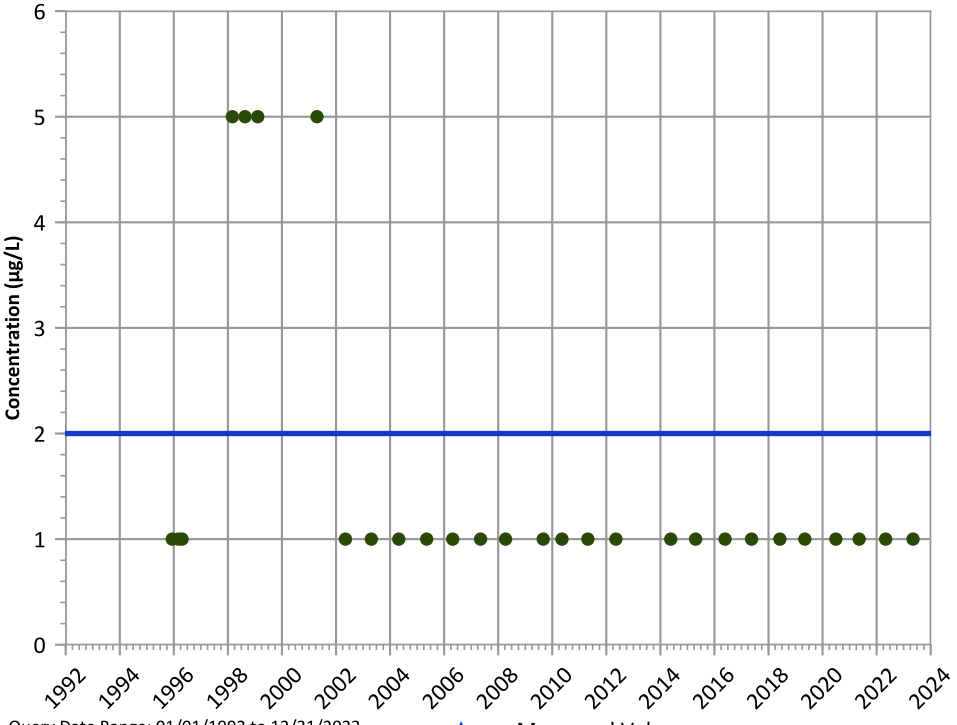


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

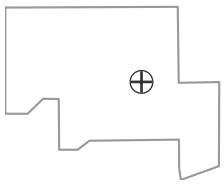
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

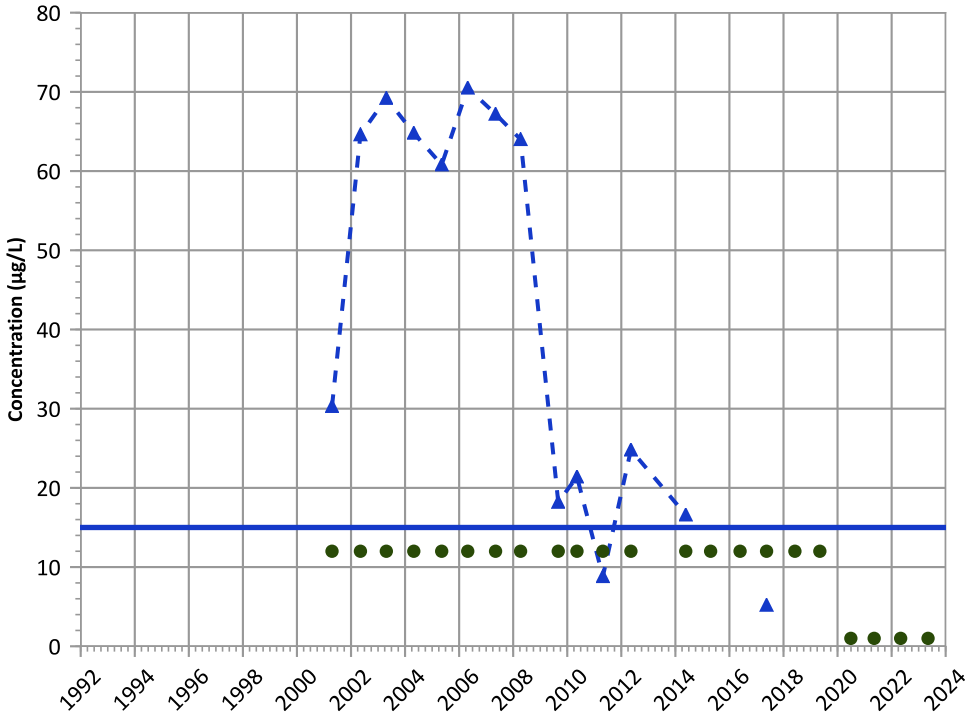
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

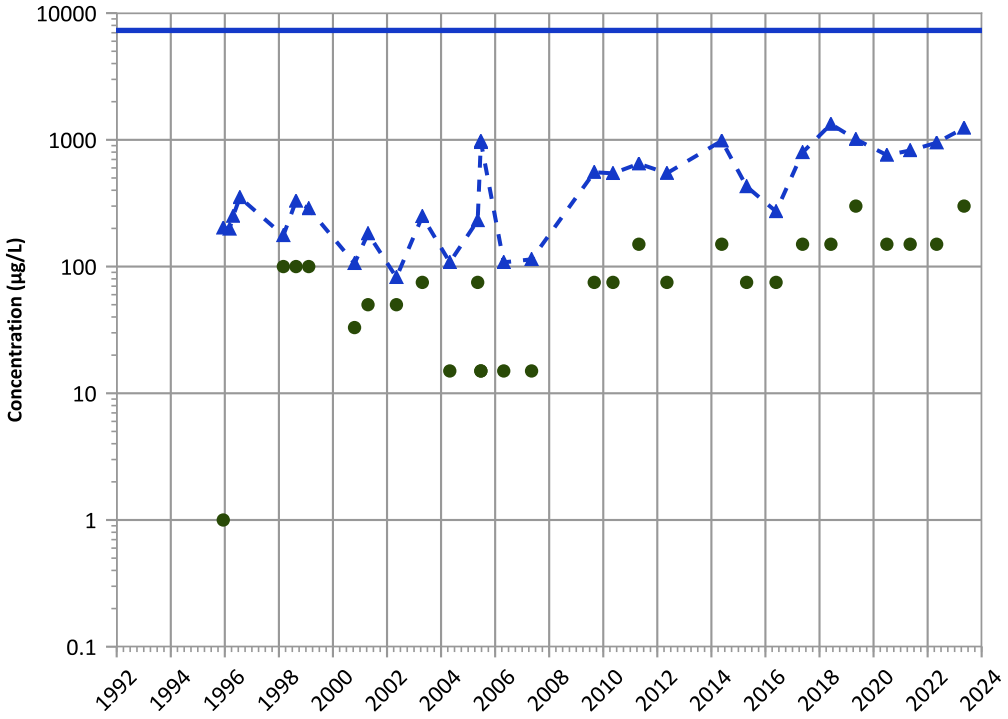


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

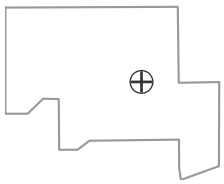
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

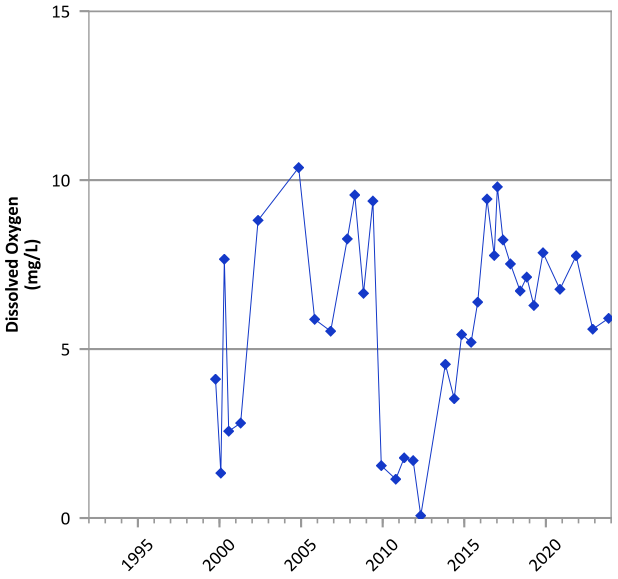
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/11/1995 to 05/08/2023
Analysis Date: 04/01/2024

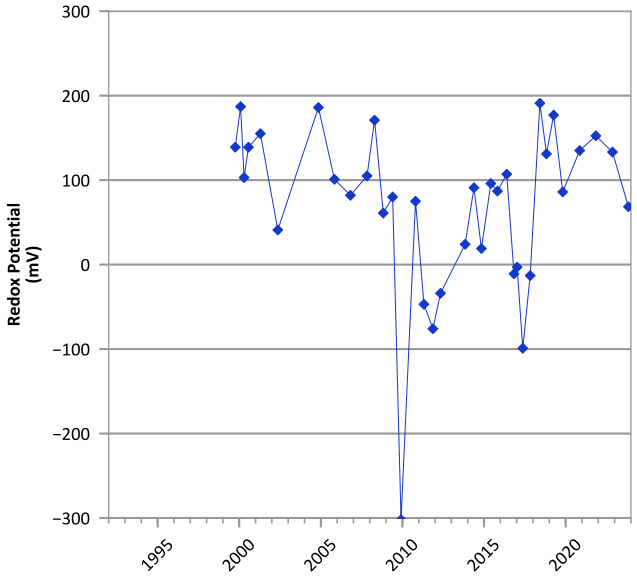
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

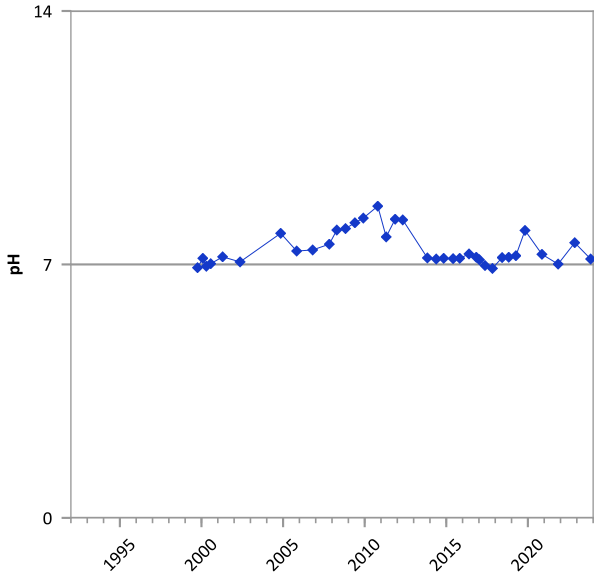
Well Location

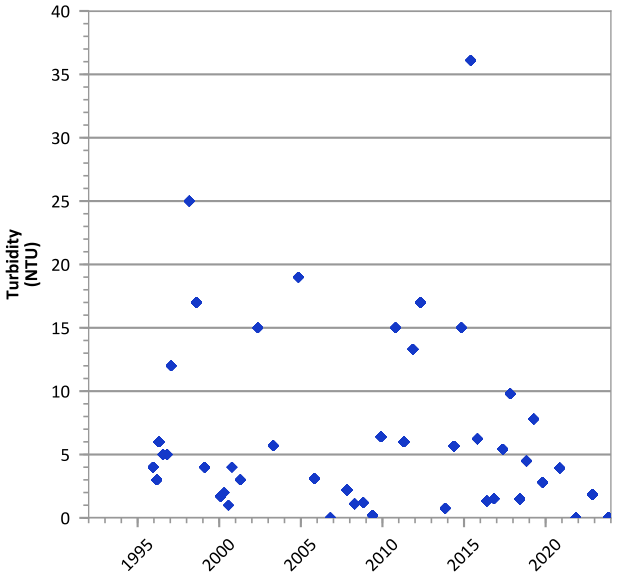


PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

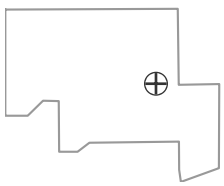






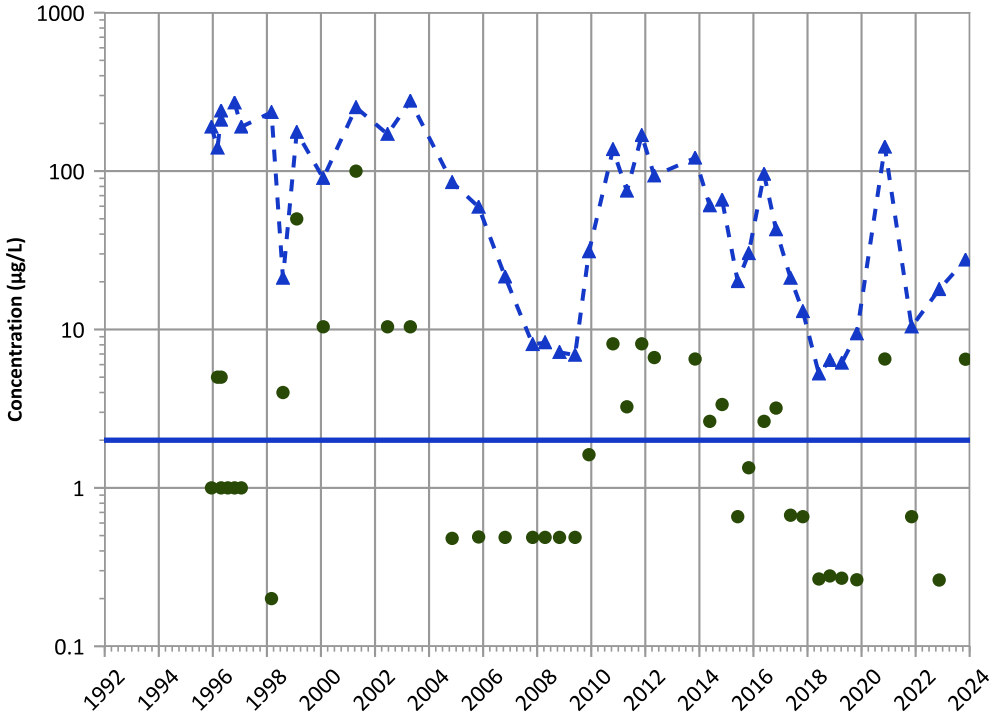


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

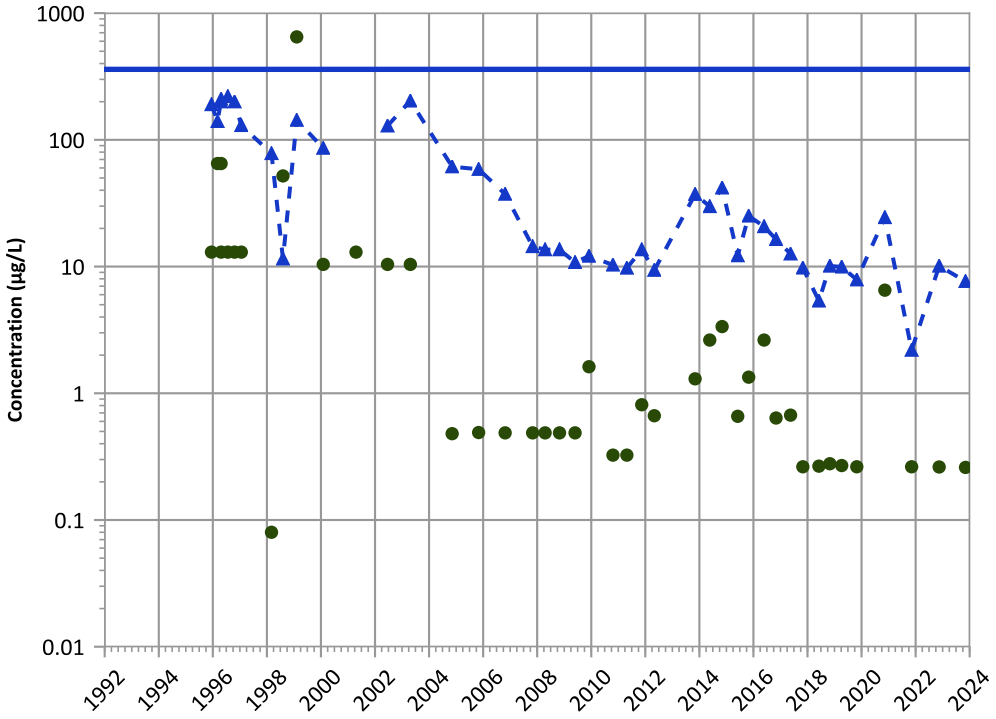


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

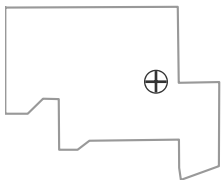
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

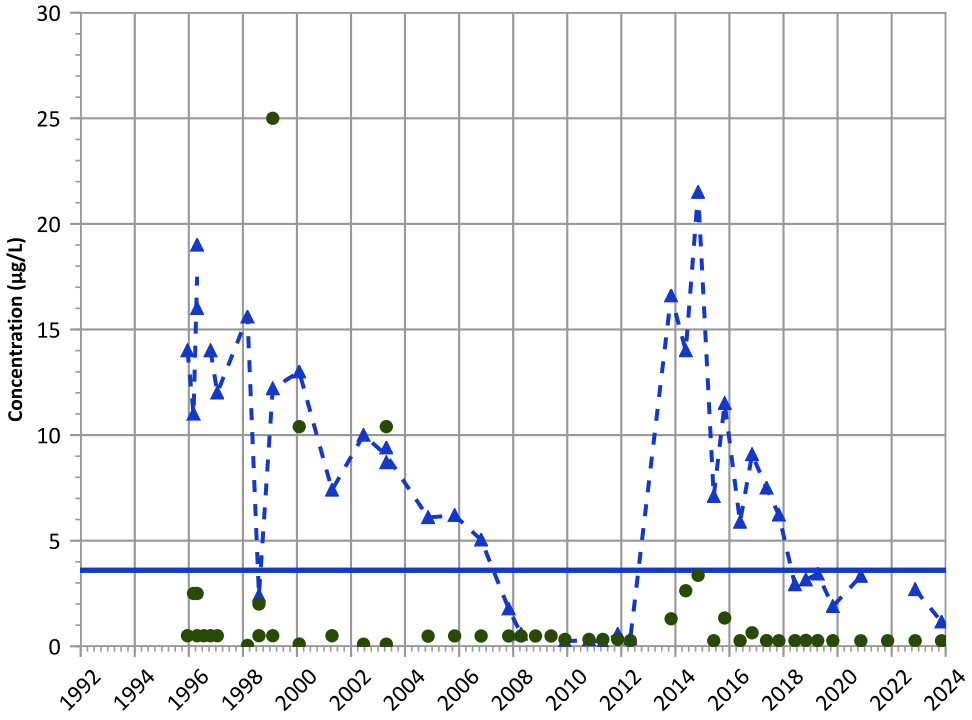
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

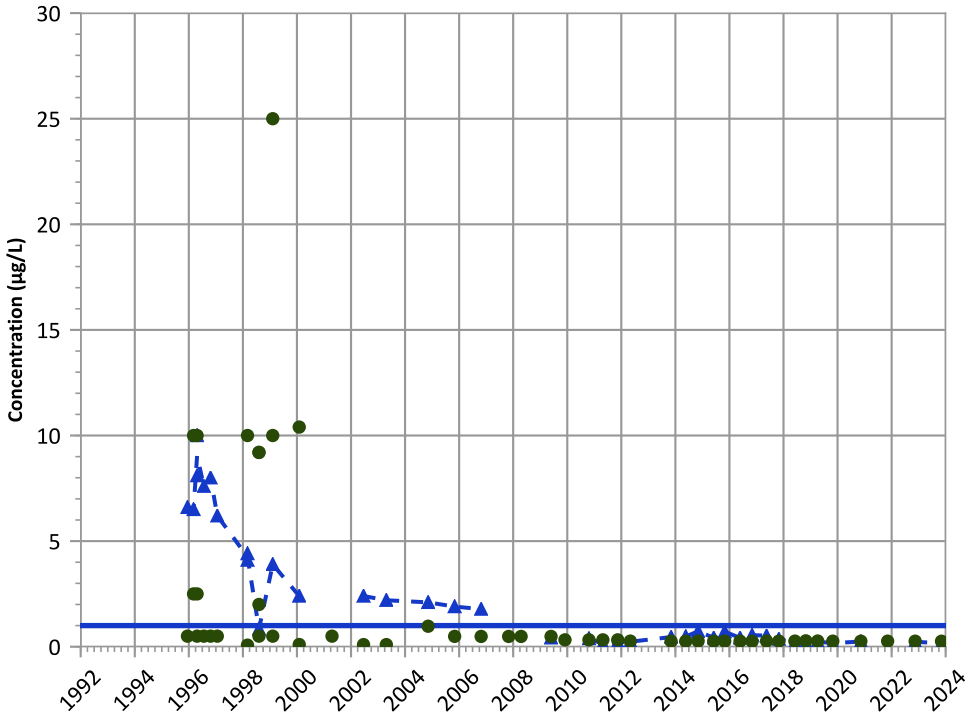


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

2,4-Dinitrotoluene Trend



Concentration Trend

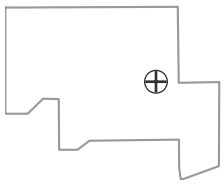
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

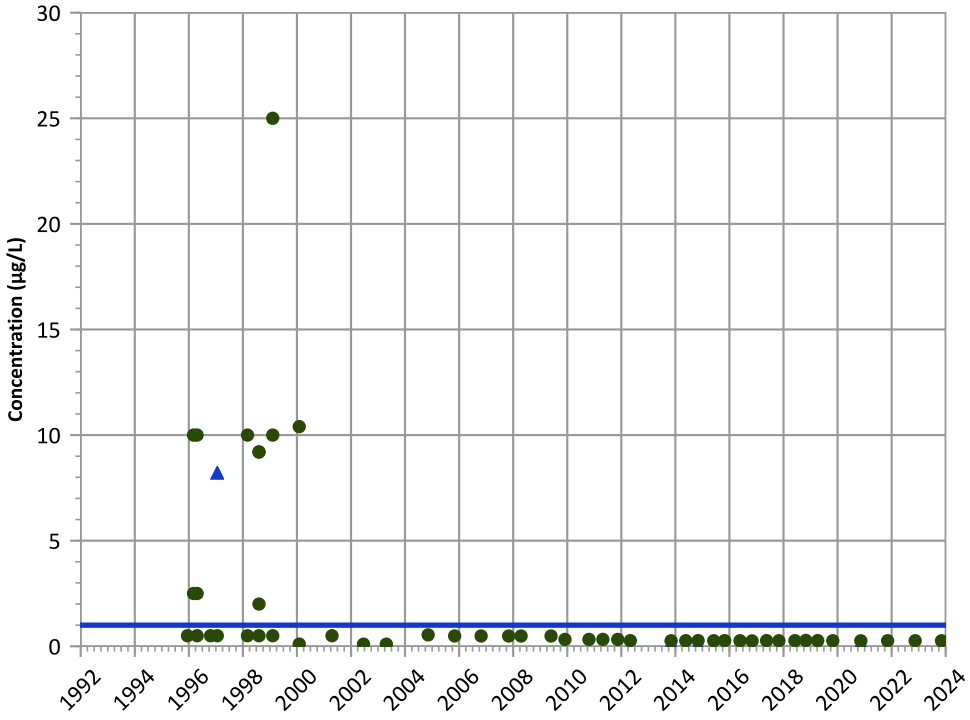
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

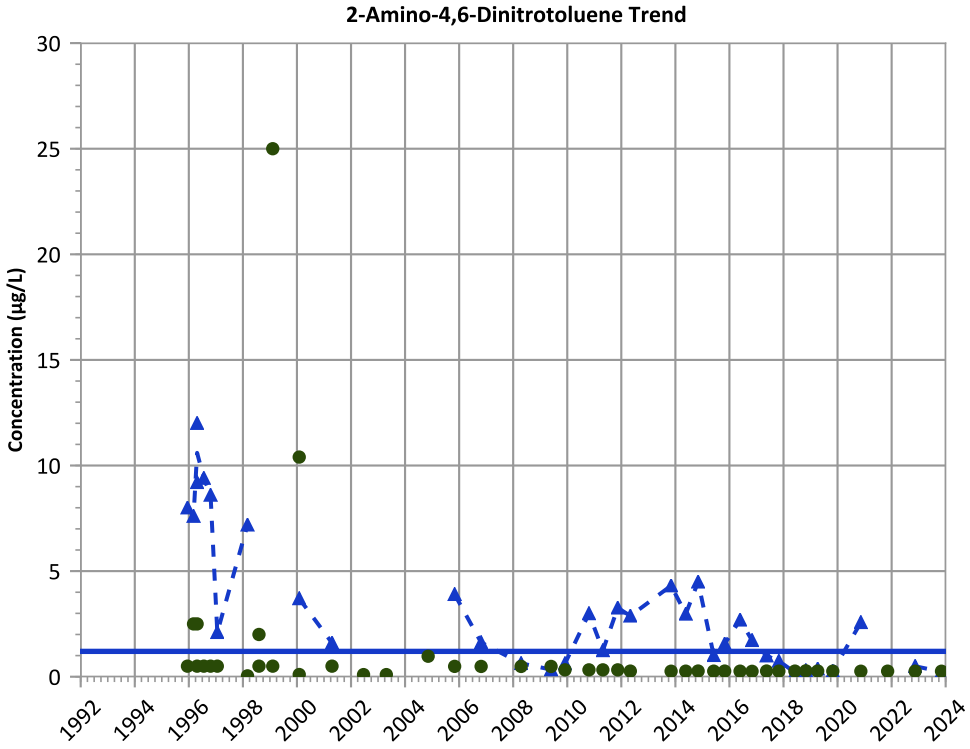


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

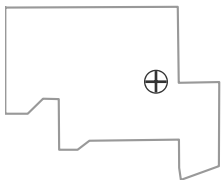
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

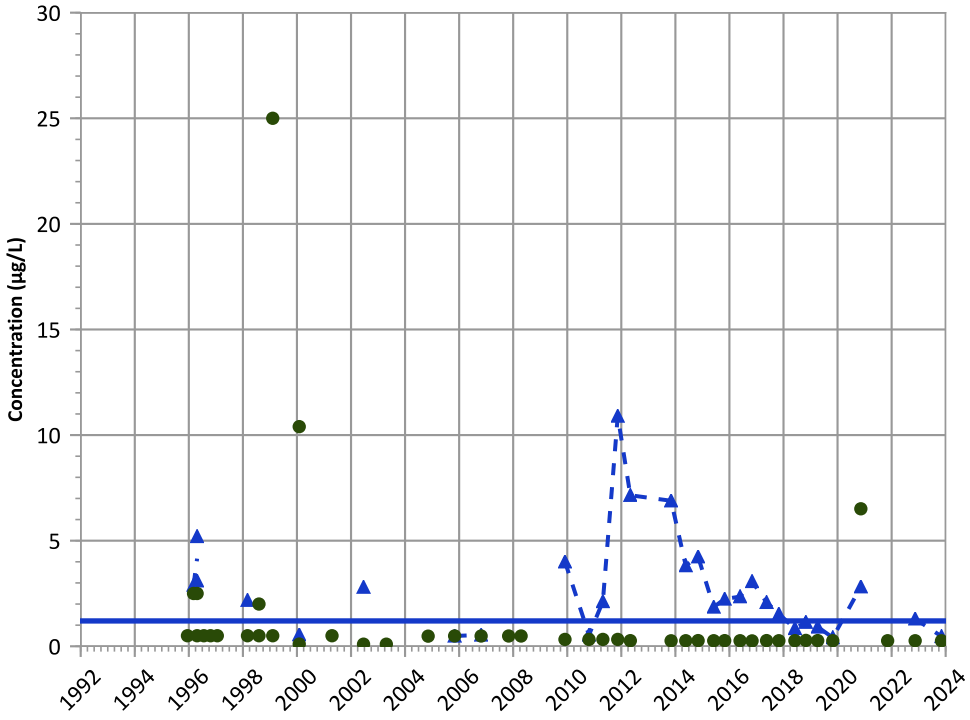
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

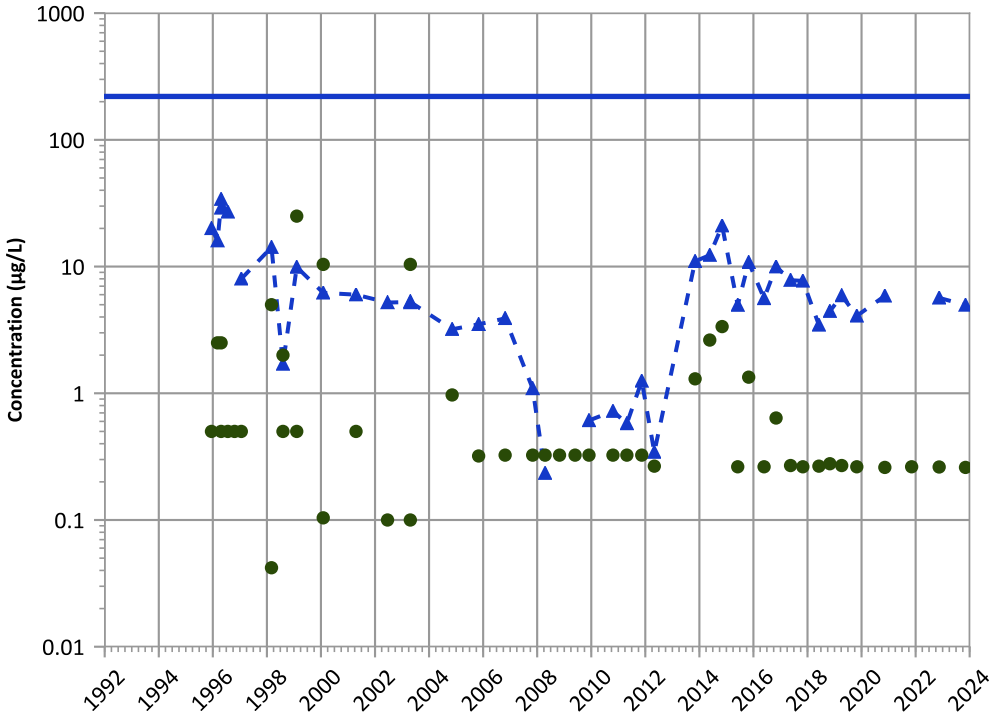


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

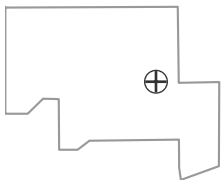
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

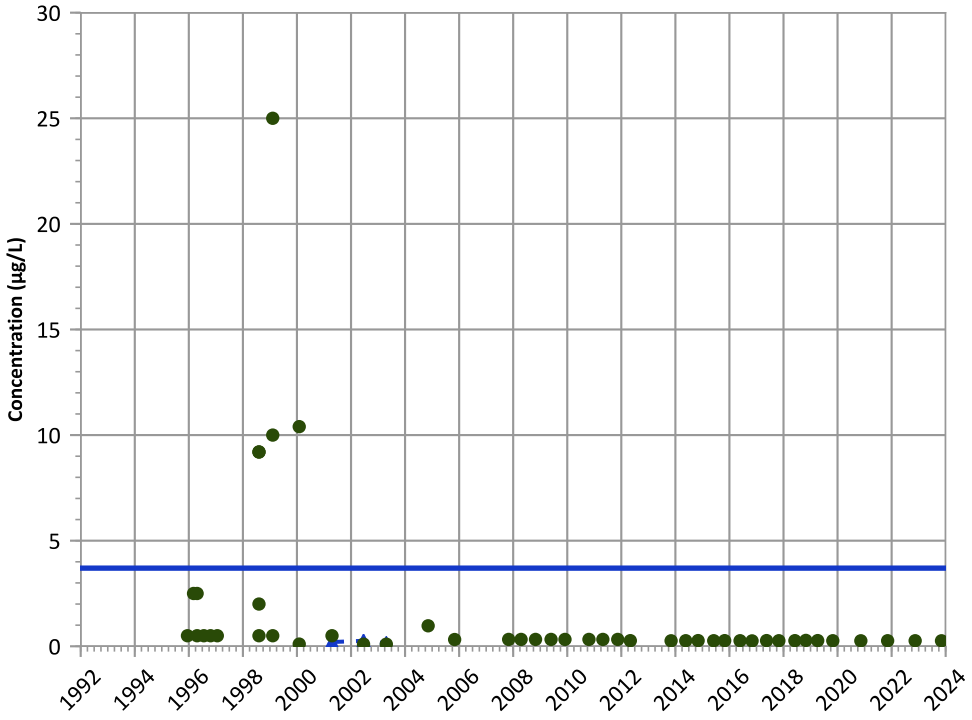
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

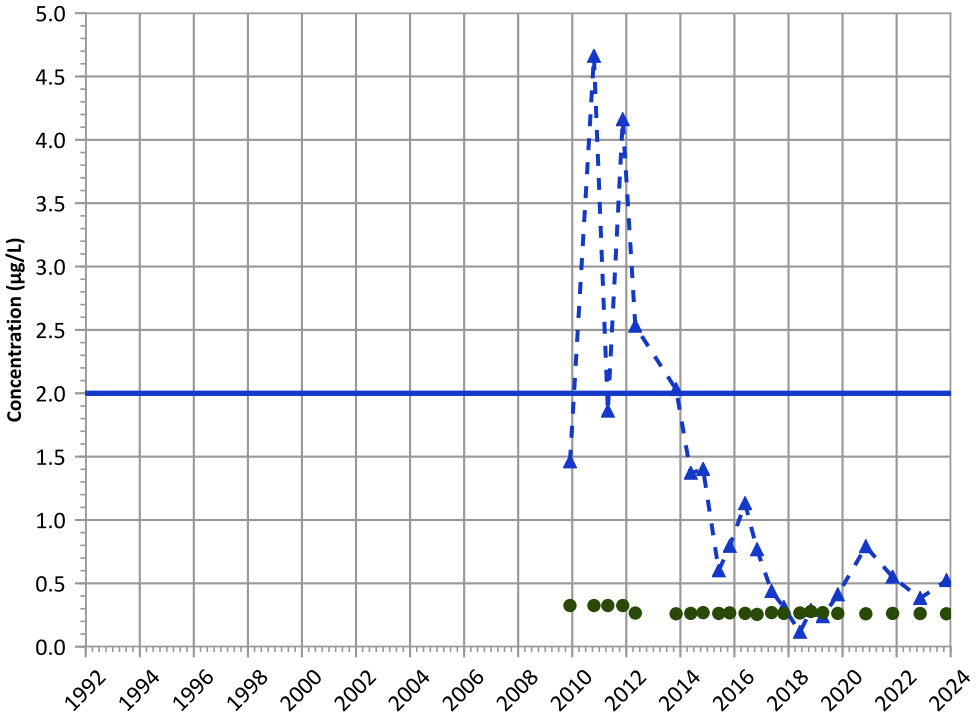


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

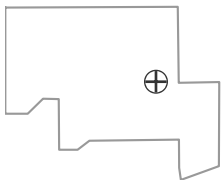
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

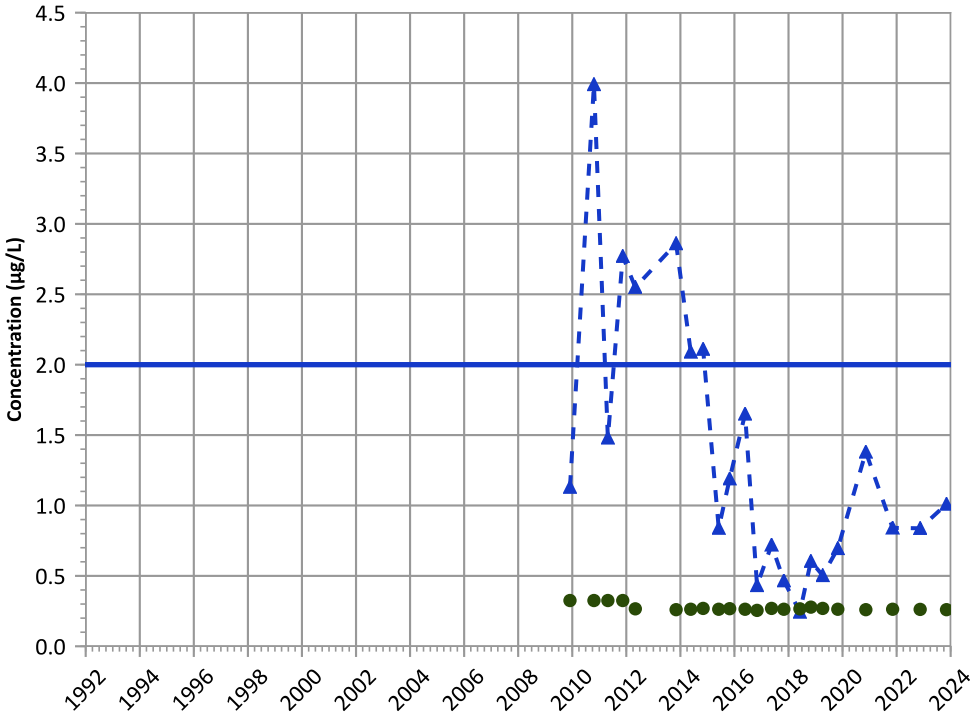
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

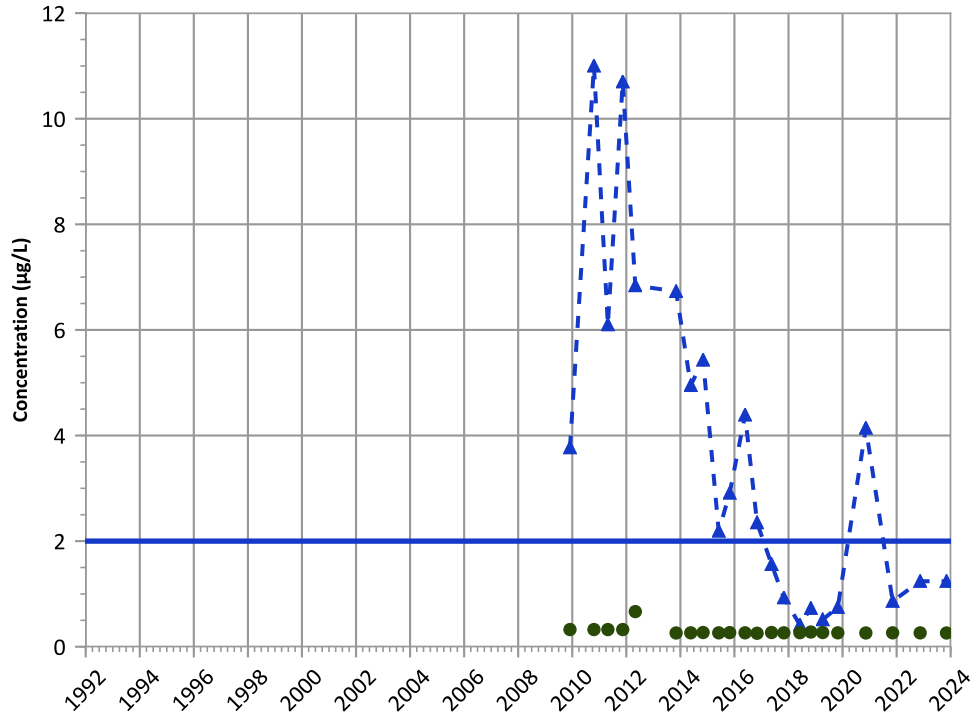


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

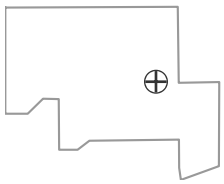
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

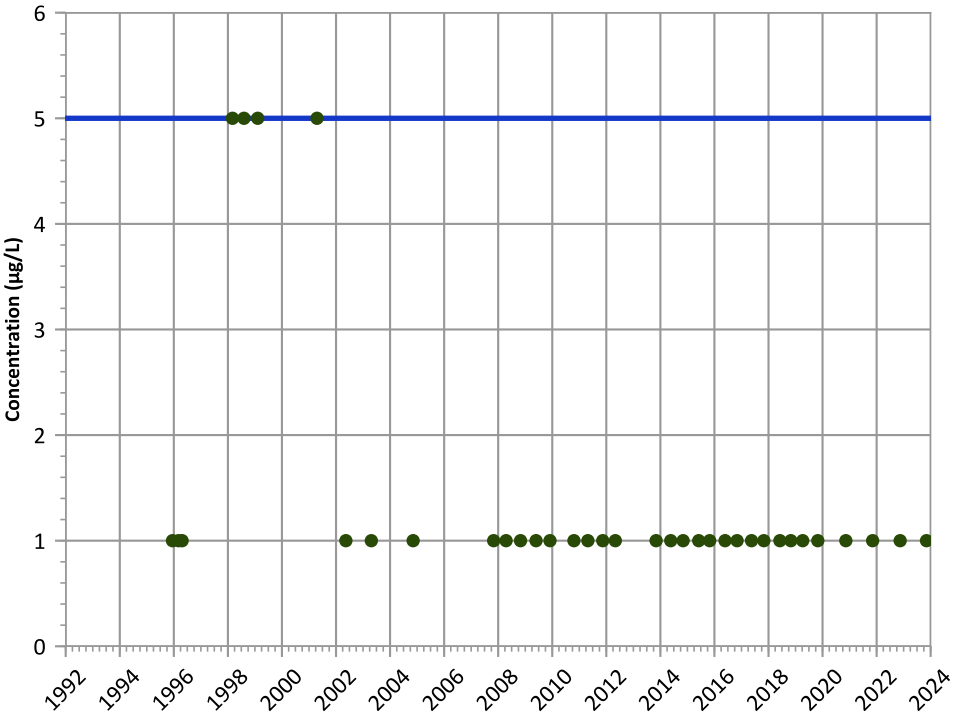
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

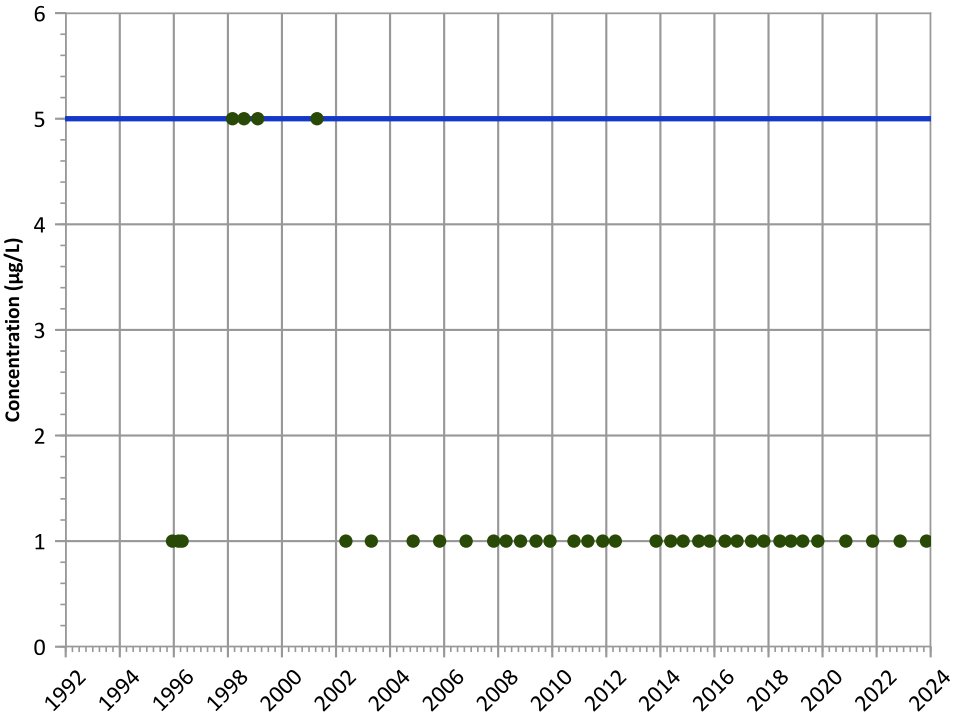


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

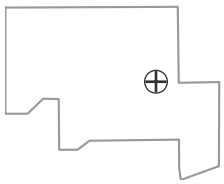
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

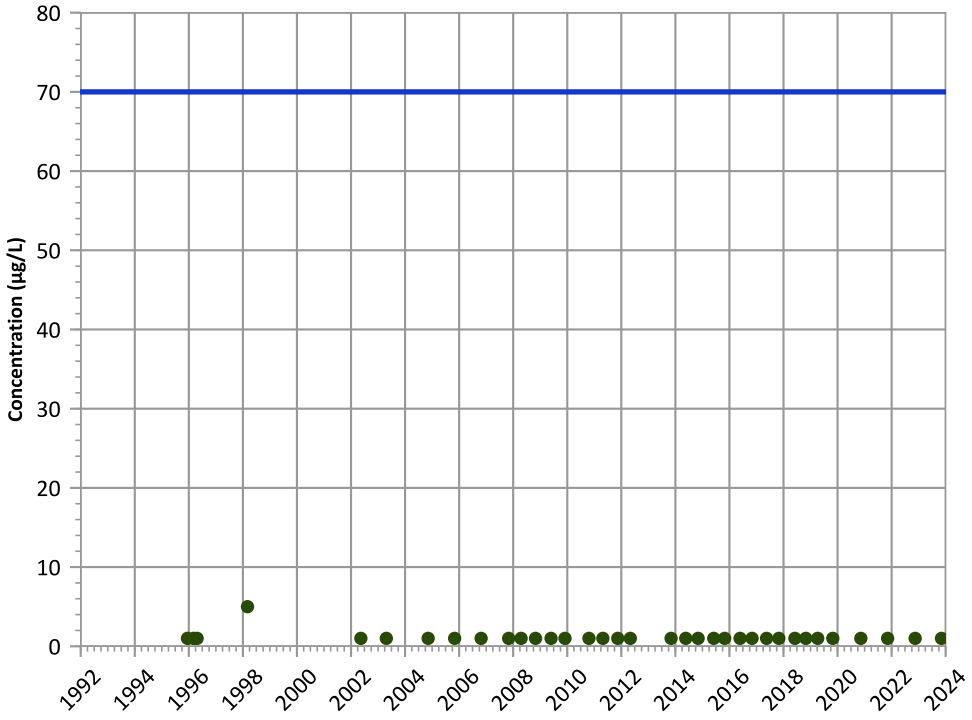
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

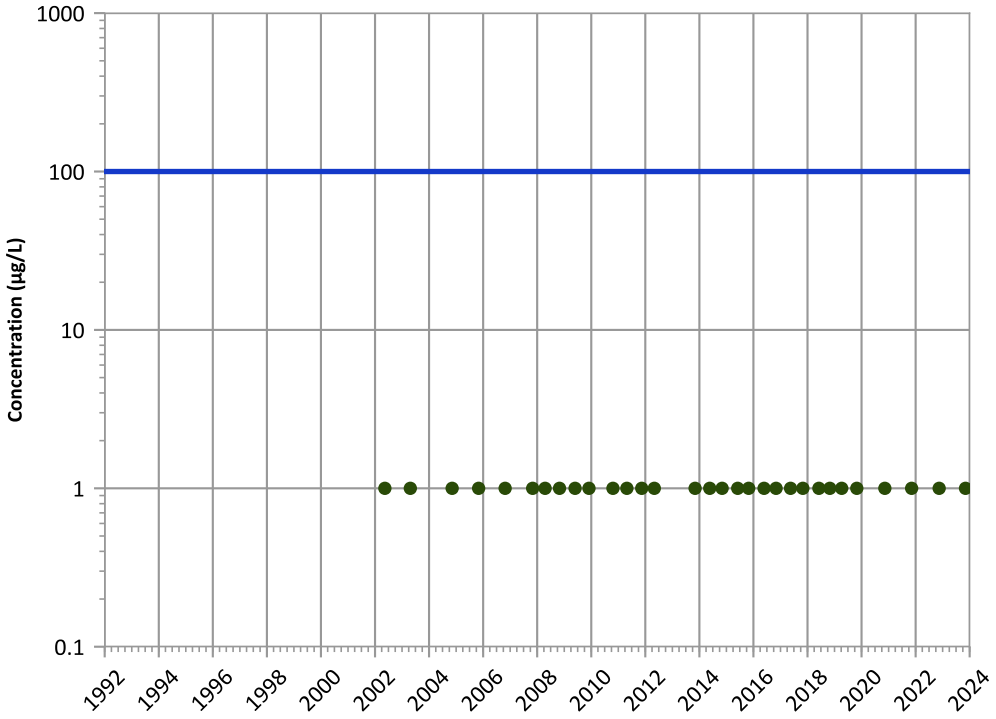
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



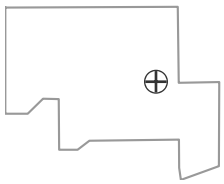
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

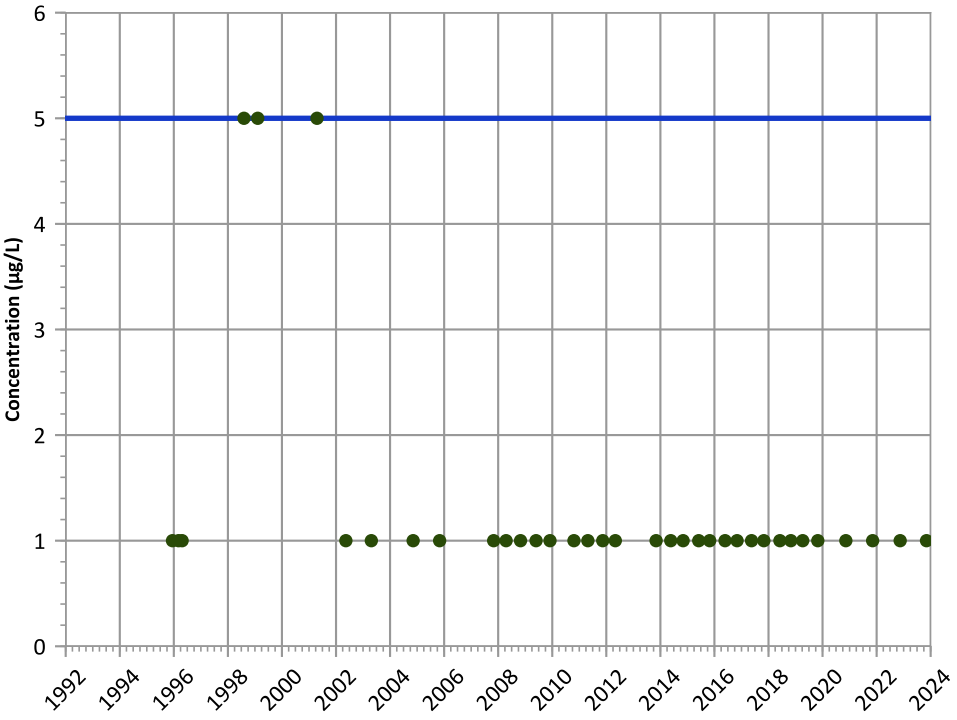
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

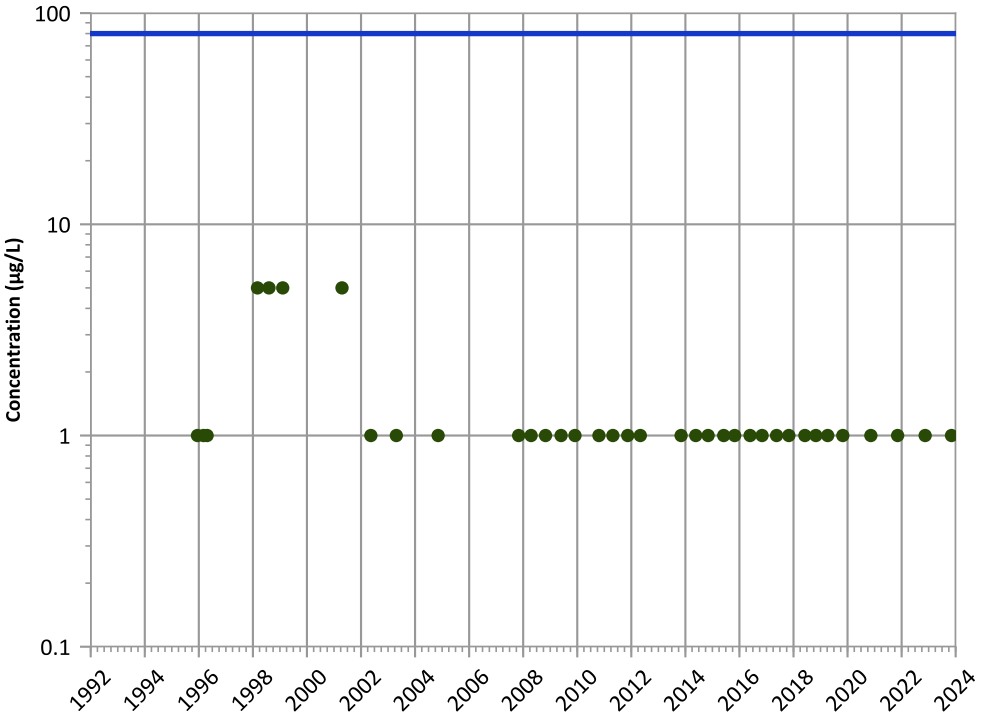
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



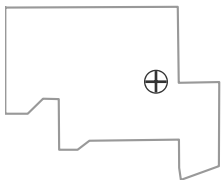
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

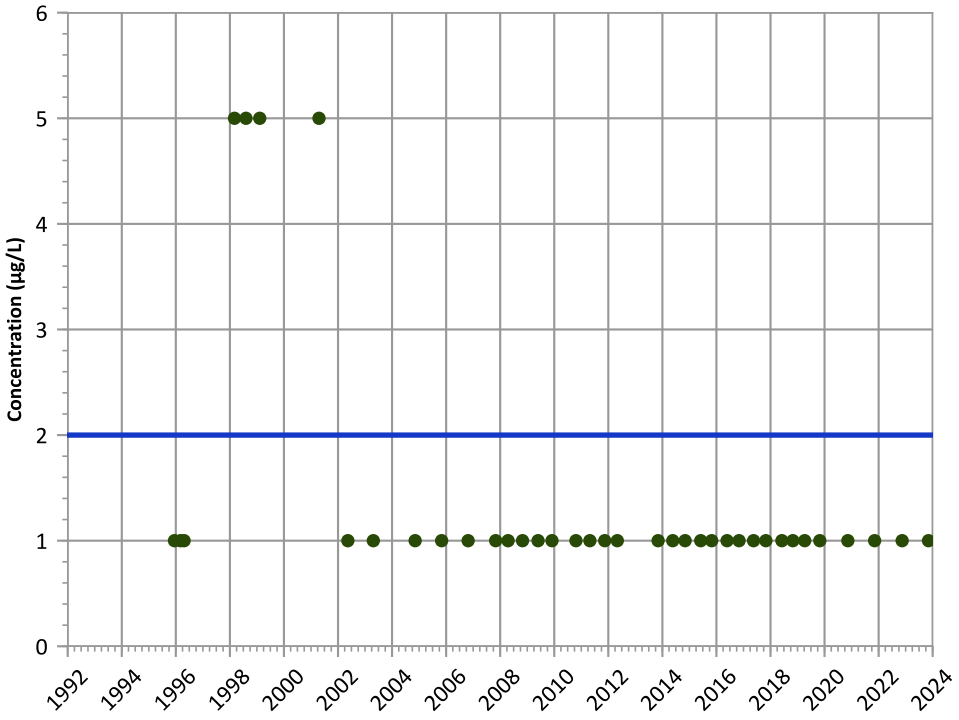
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

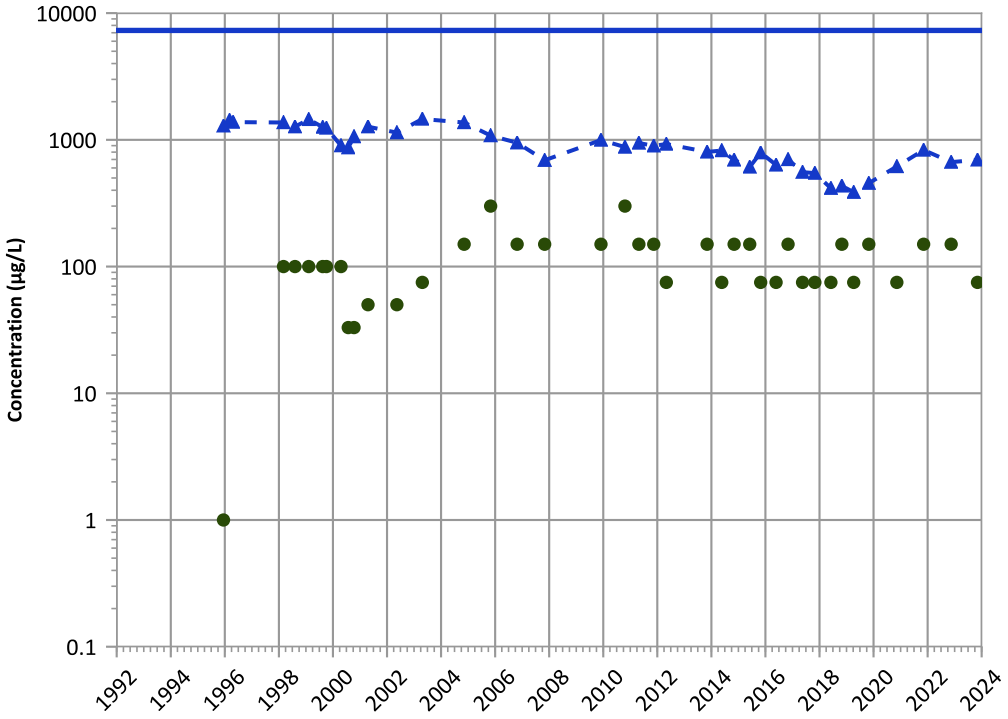


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

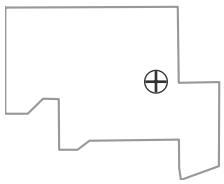
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

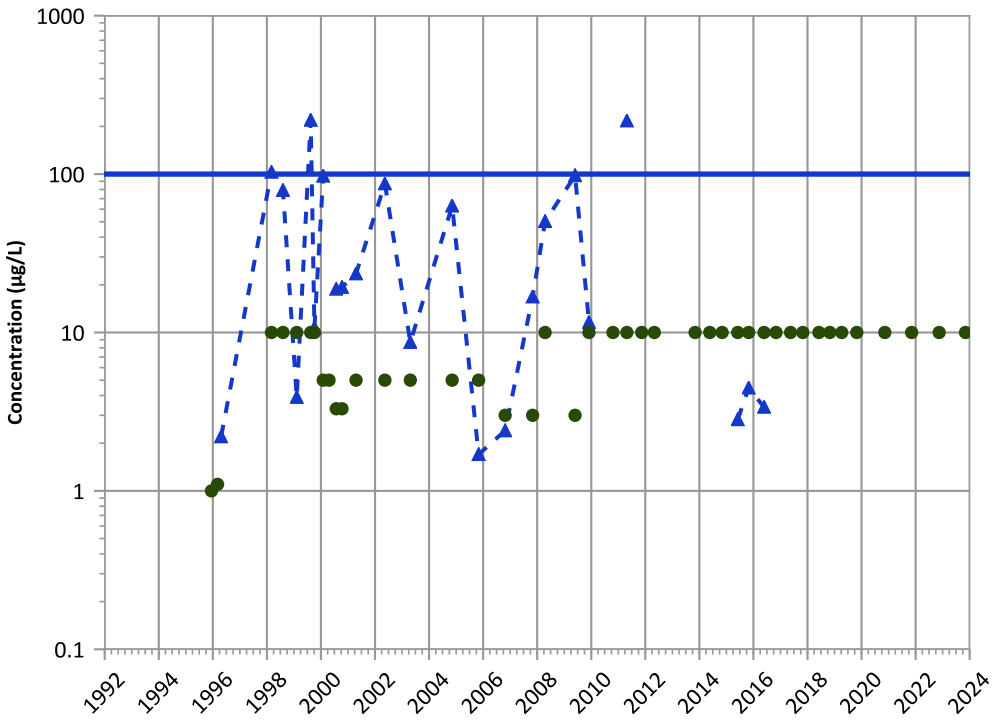
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

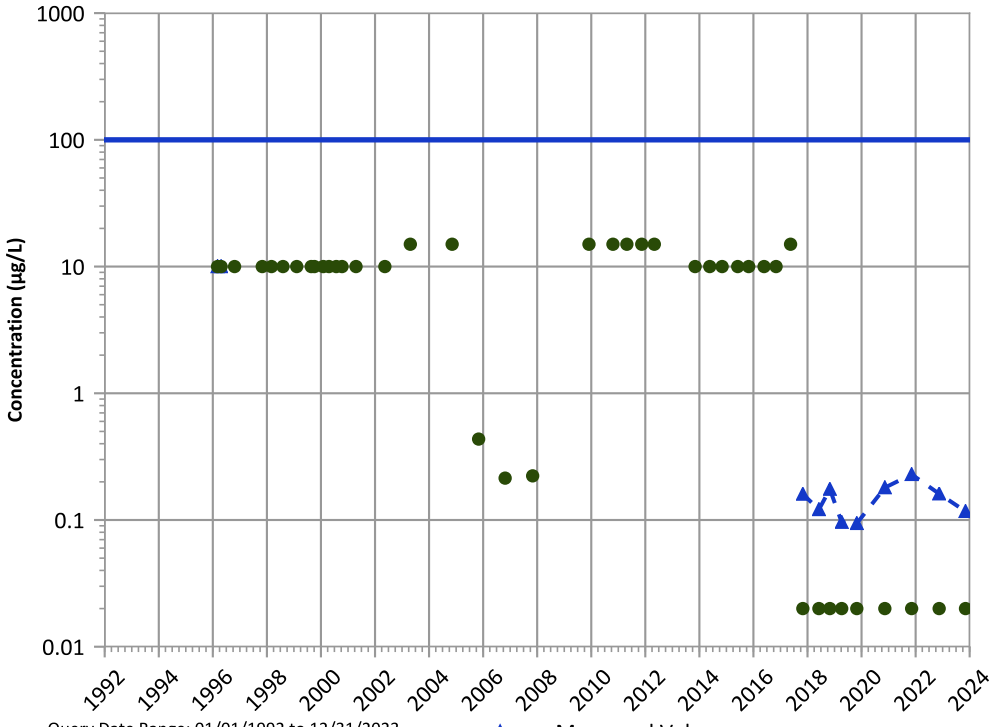


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

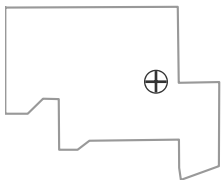
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

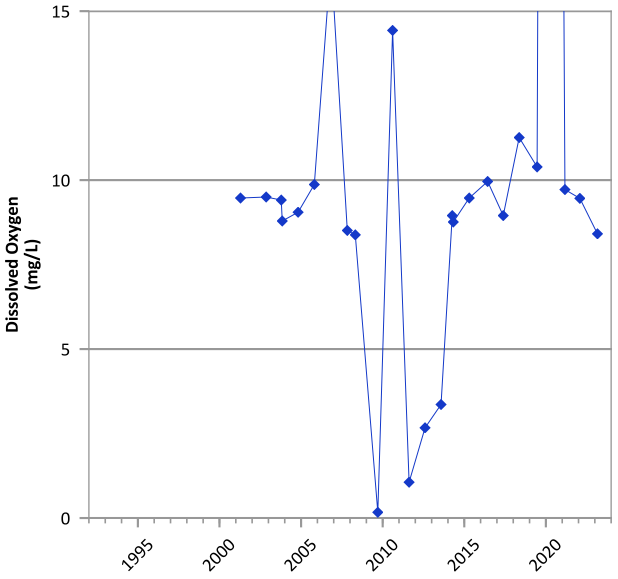
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/14/1995 to 11/06/2023
Analysis Date: 04/01/2024

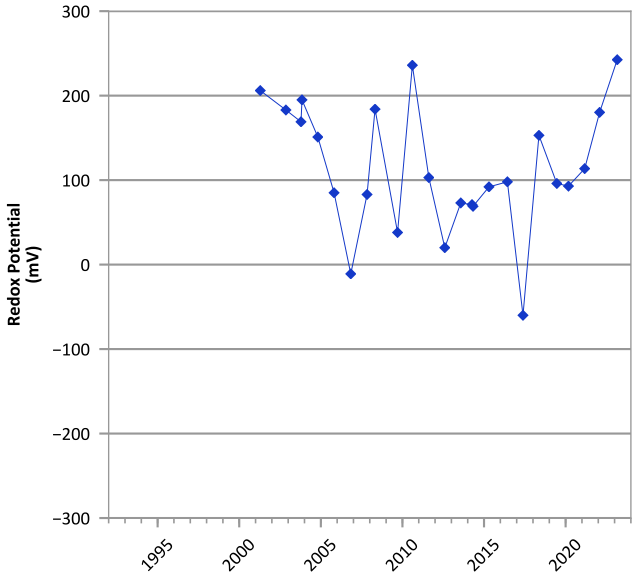
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

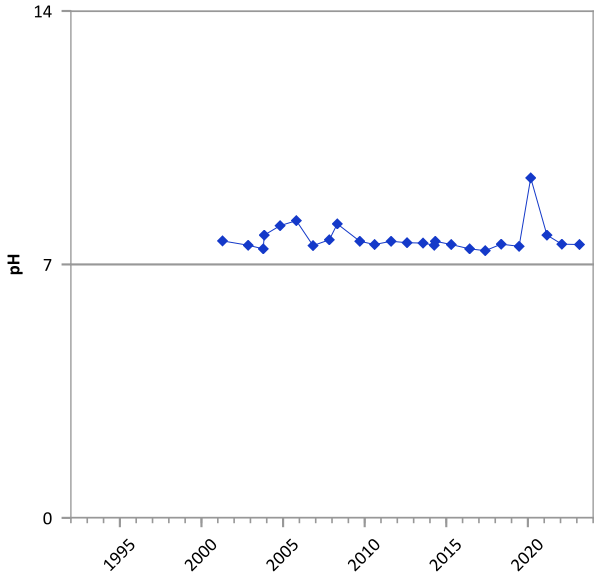
Well Location

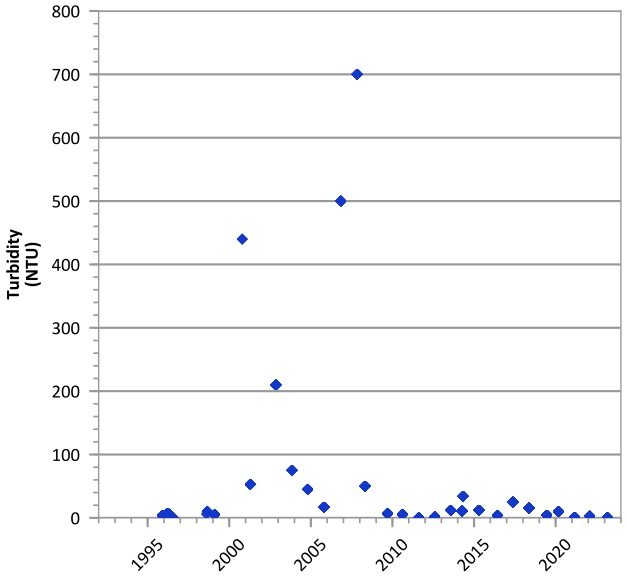


PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

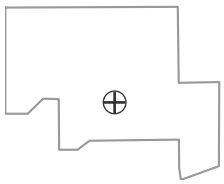






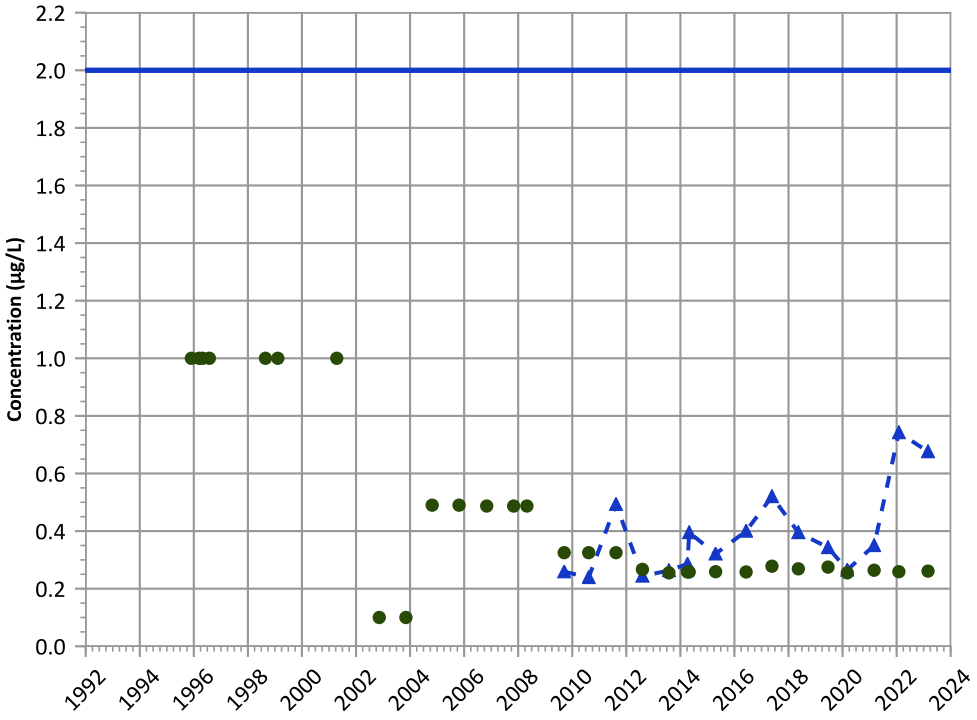


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

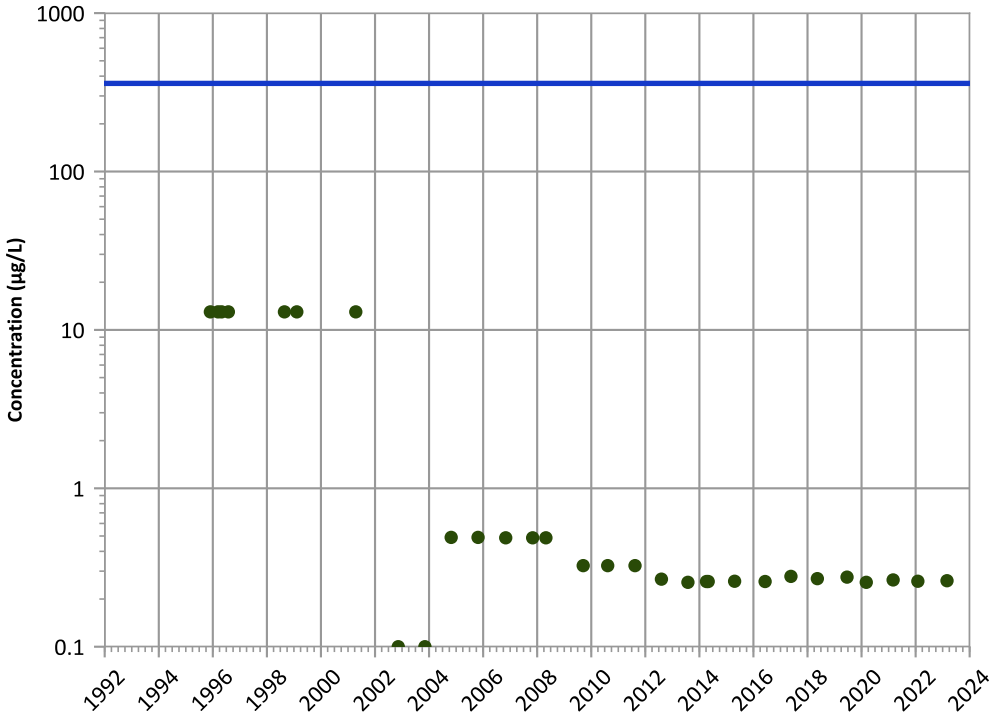


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

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



Concentration Trend

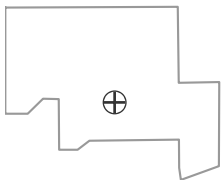
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

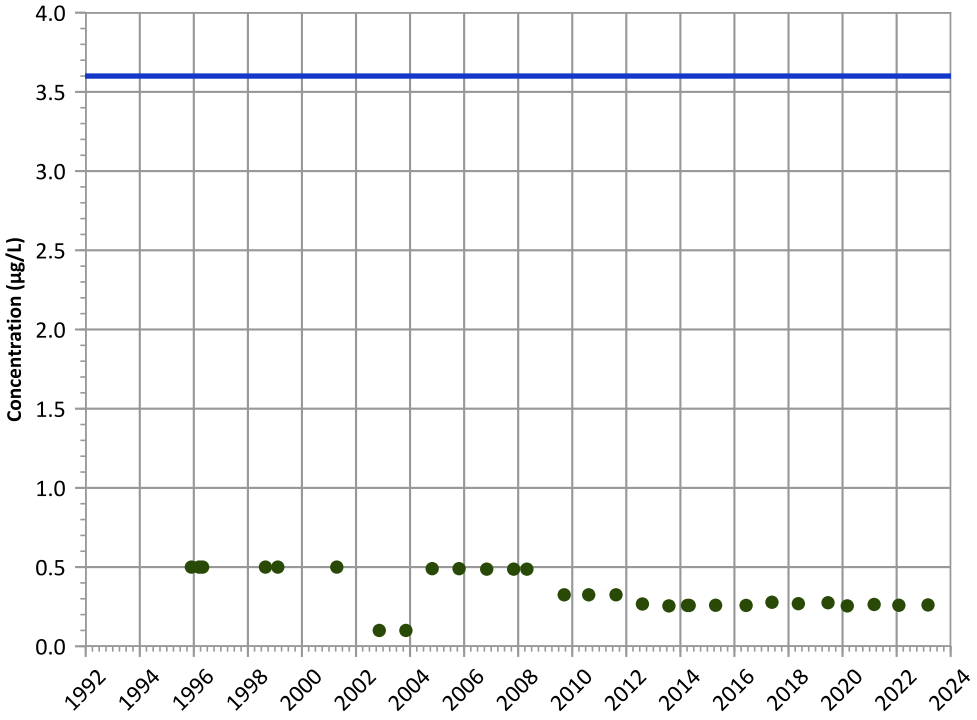
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

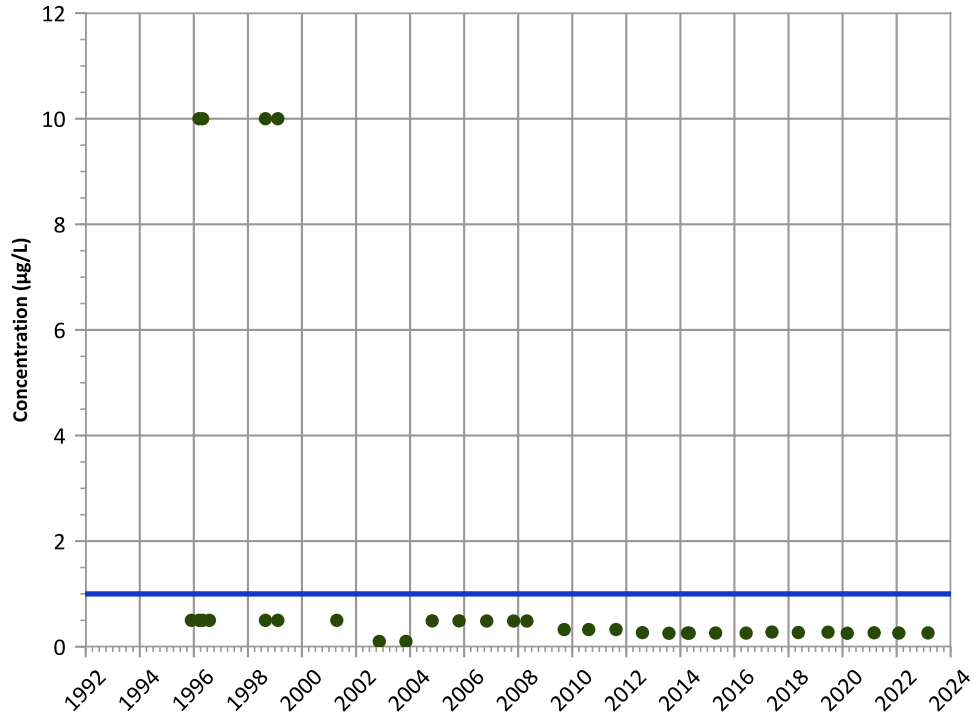


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

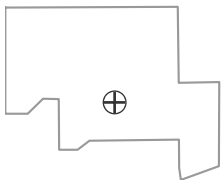
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

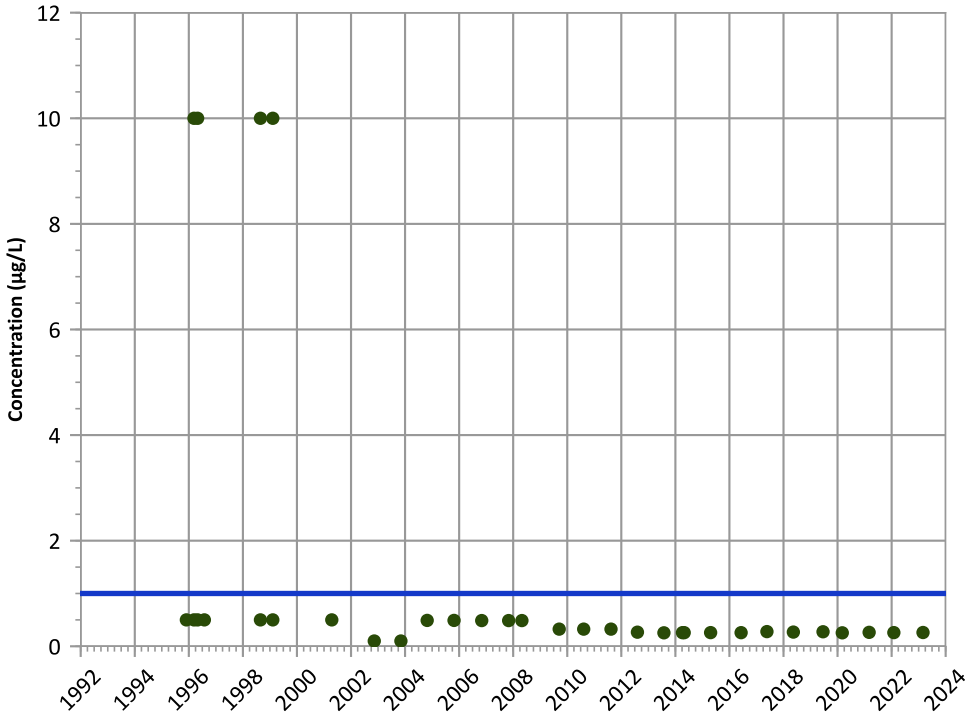
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

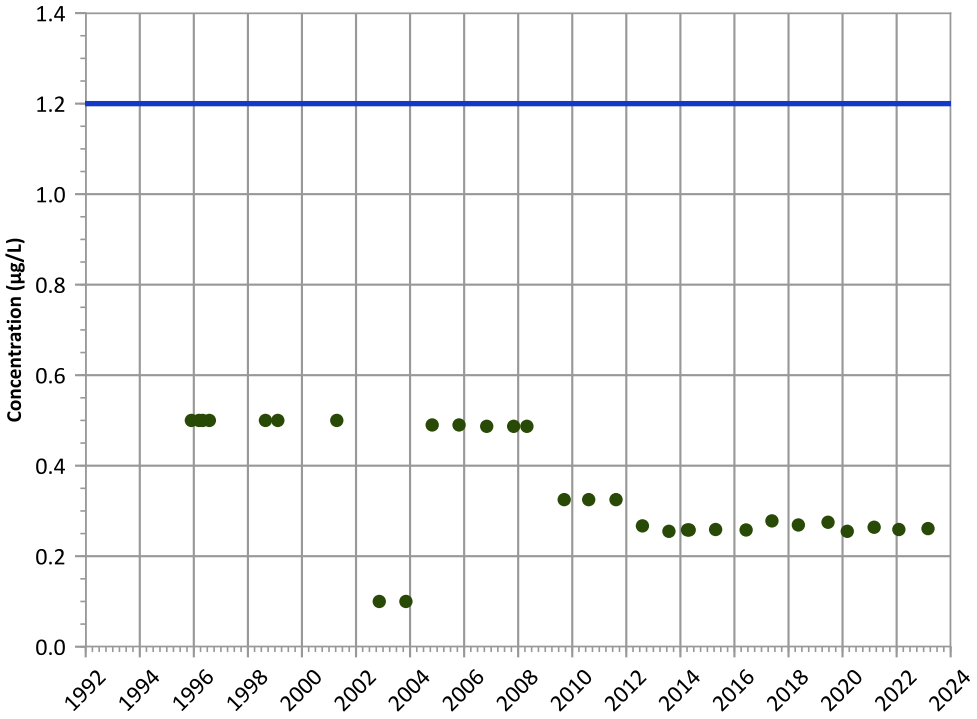
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



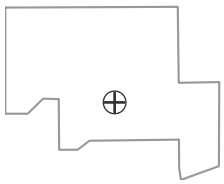
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

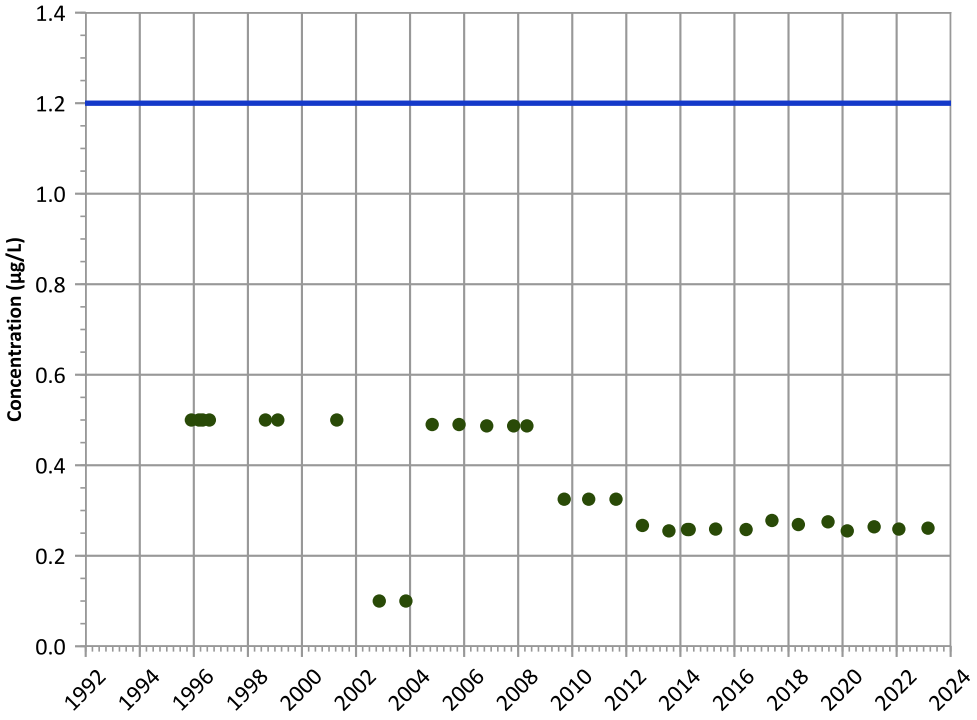
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

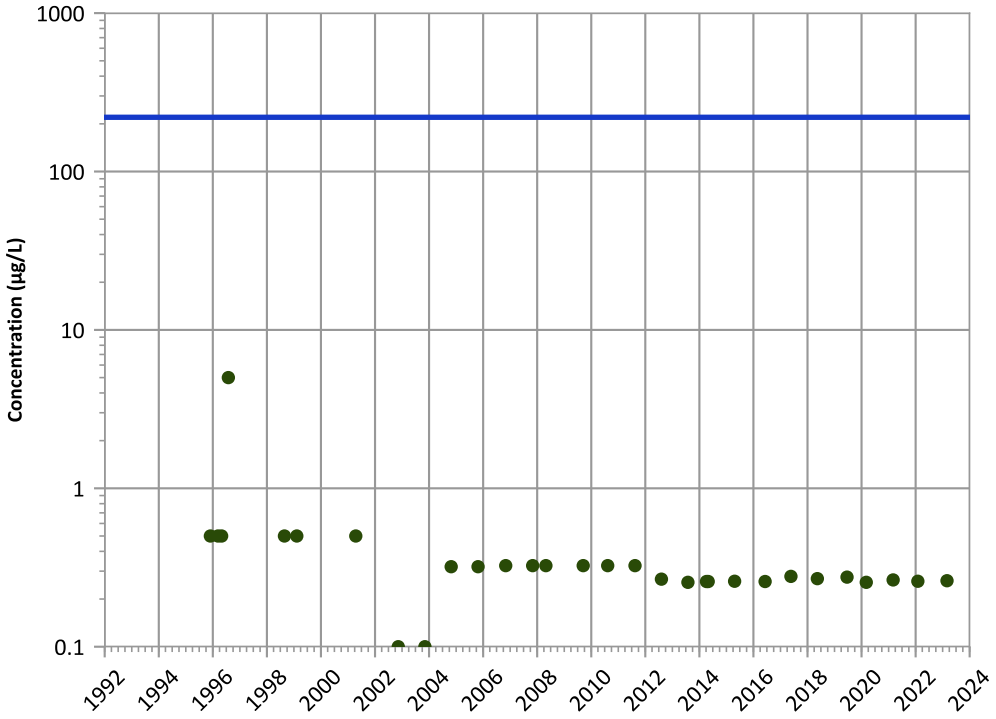


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

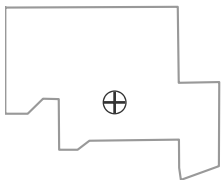
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

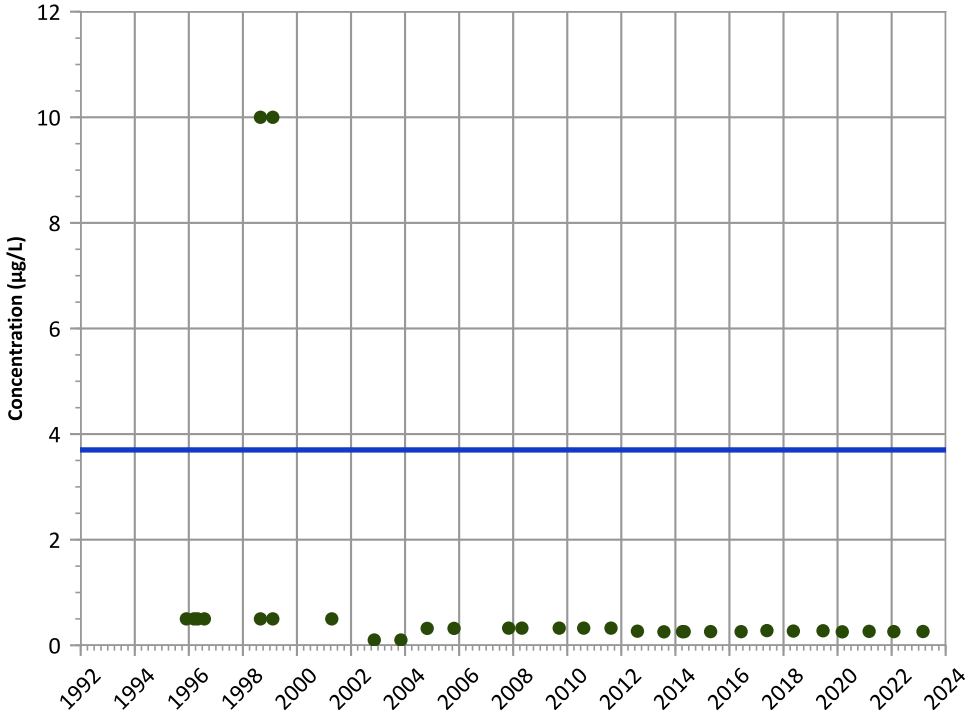
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

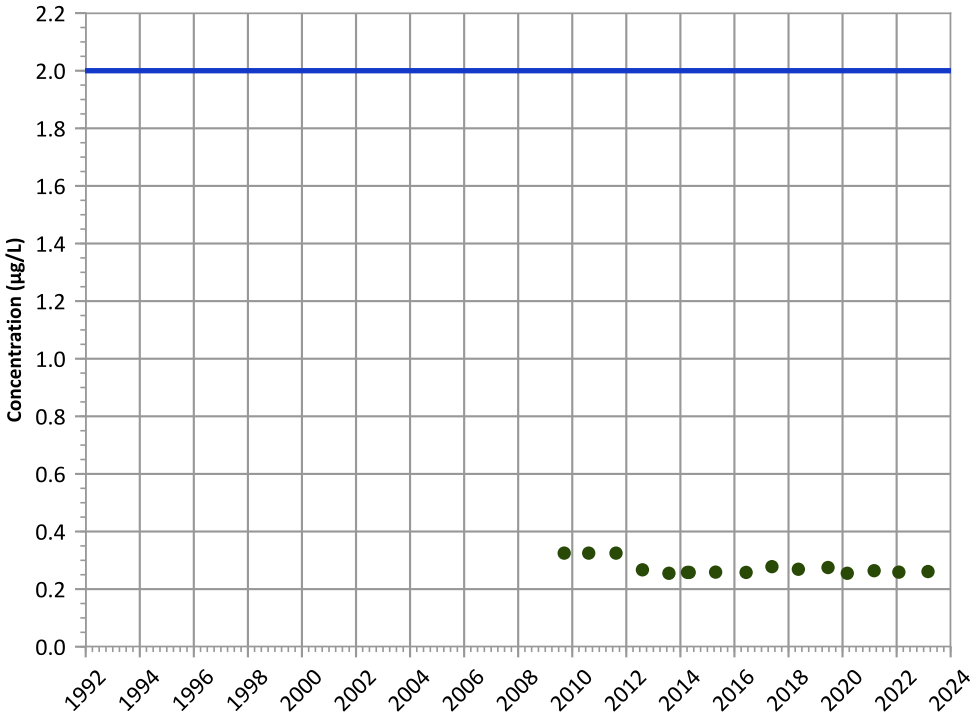


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

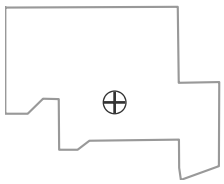
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

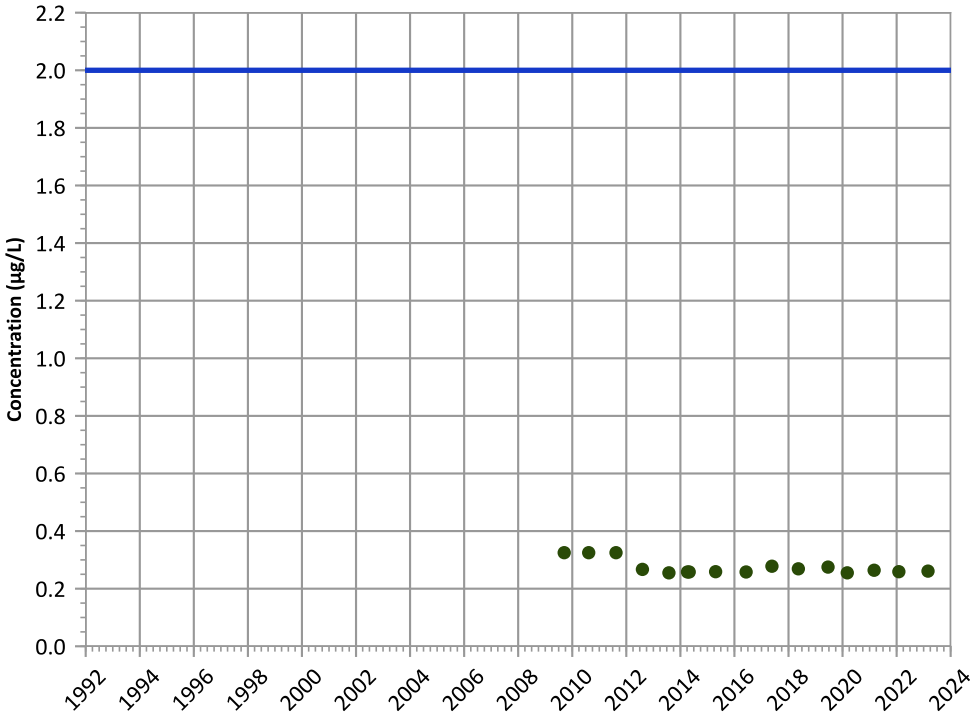
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

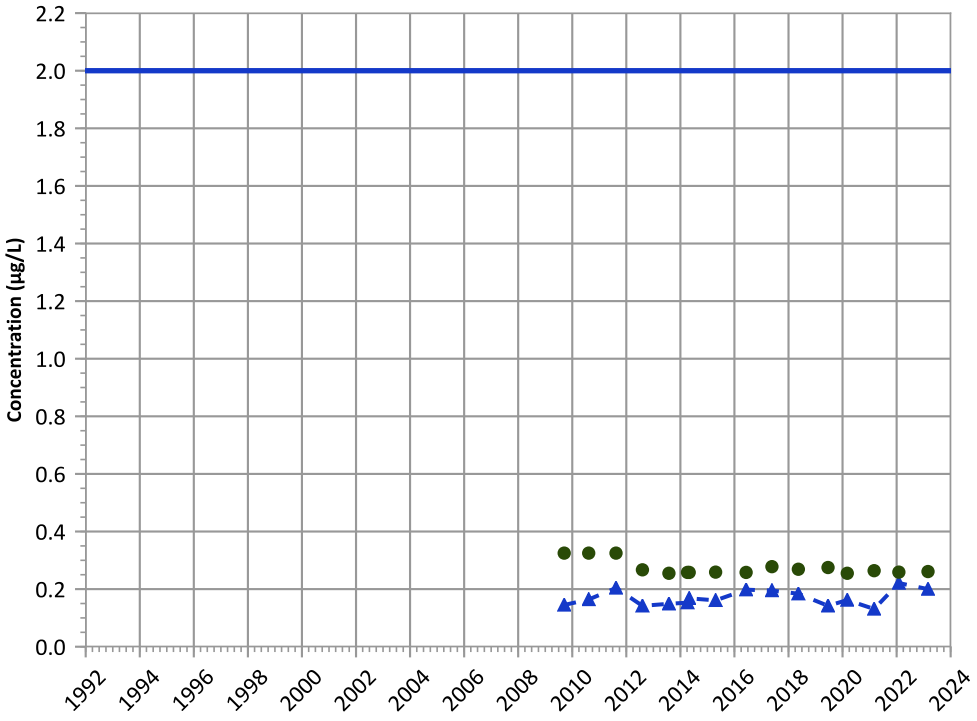


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

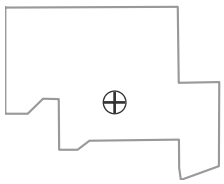
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

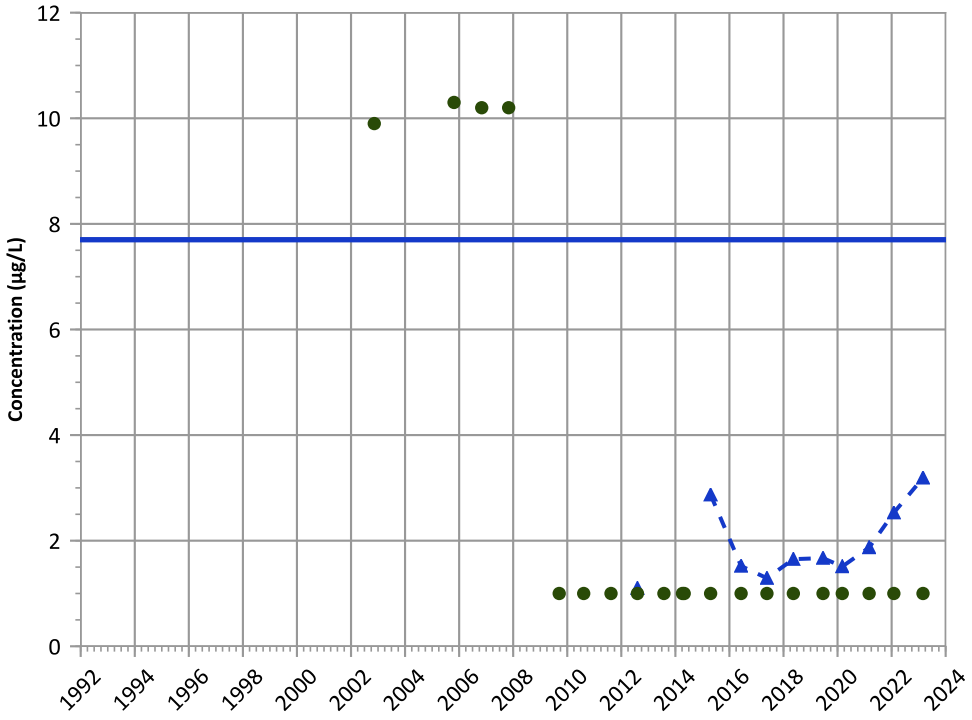
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

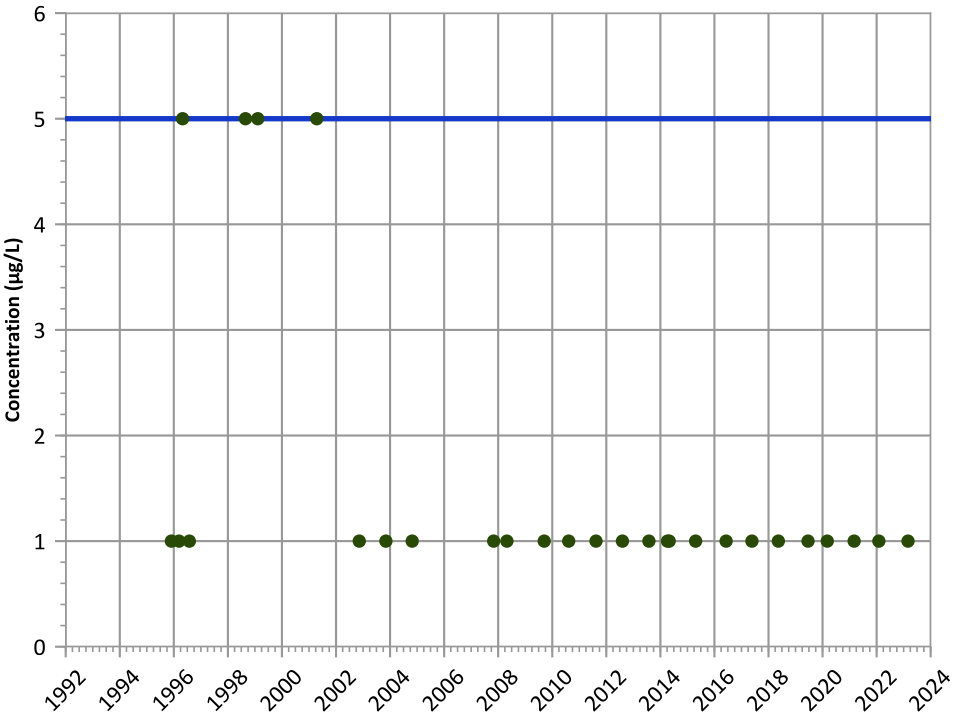


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

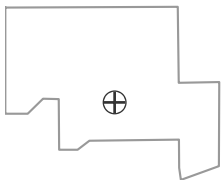
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

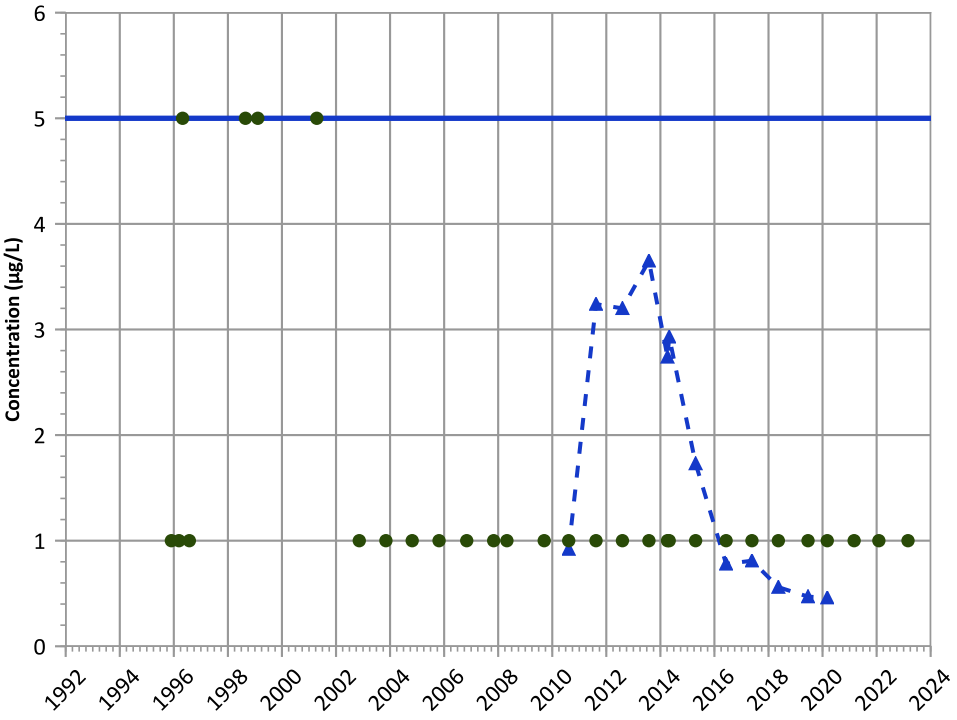
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

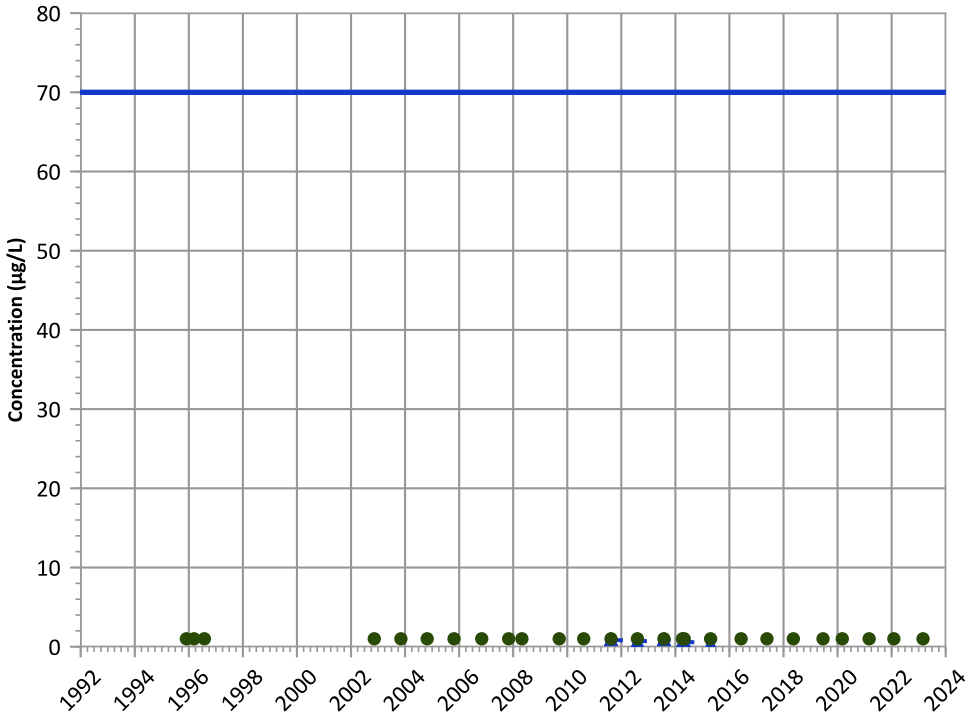


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

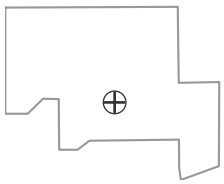
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

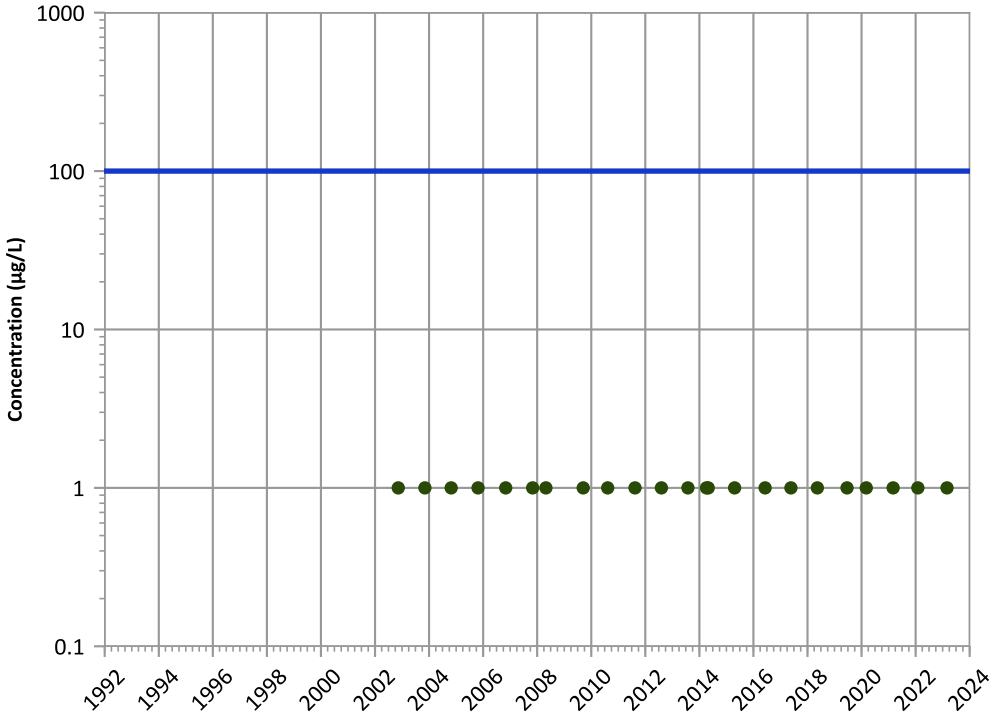
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

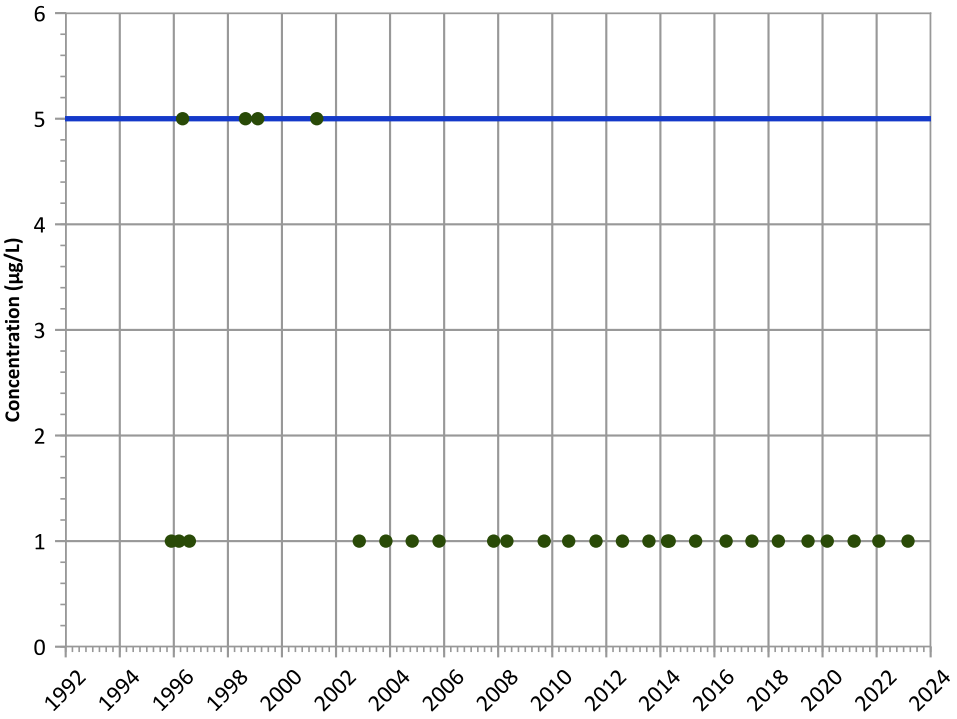


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

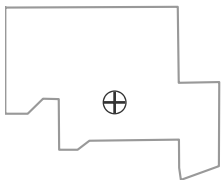
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

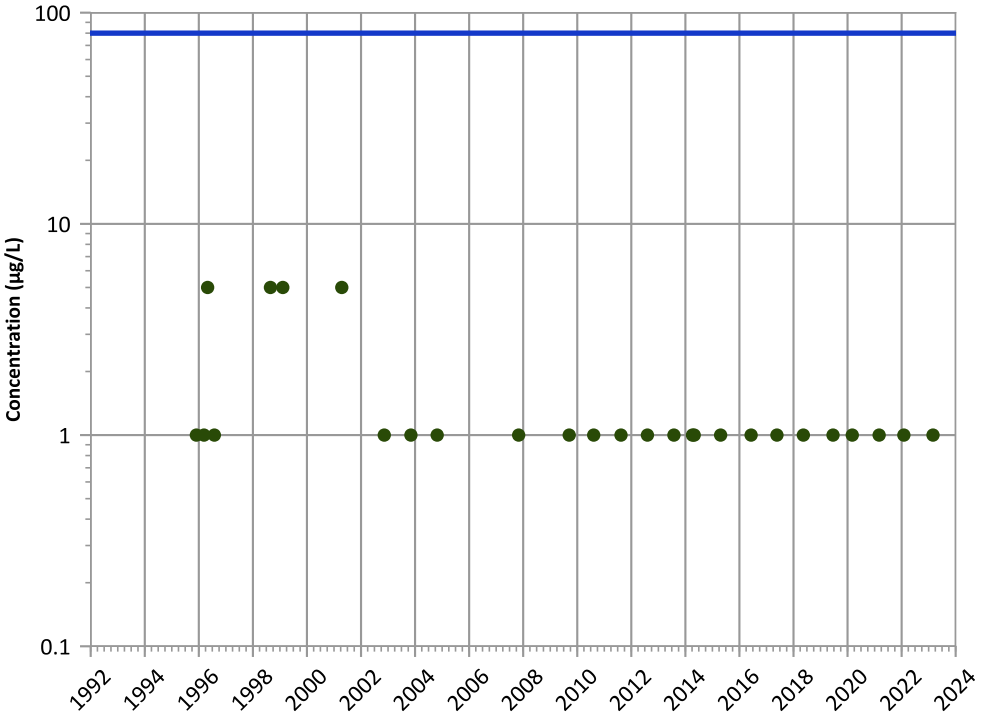
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

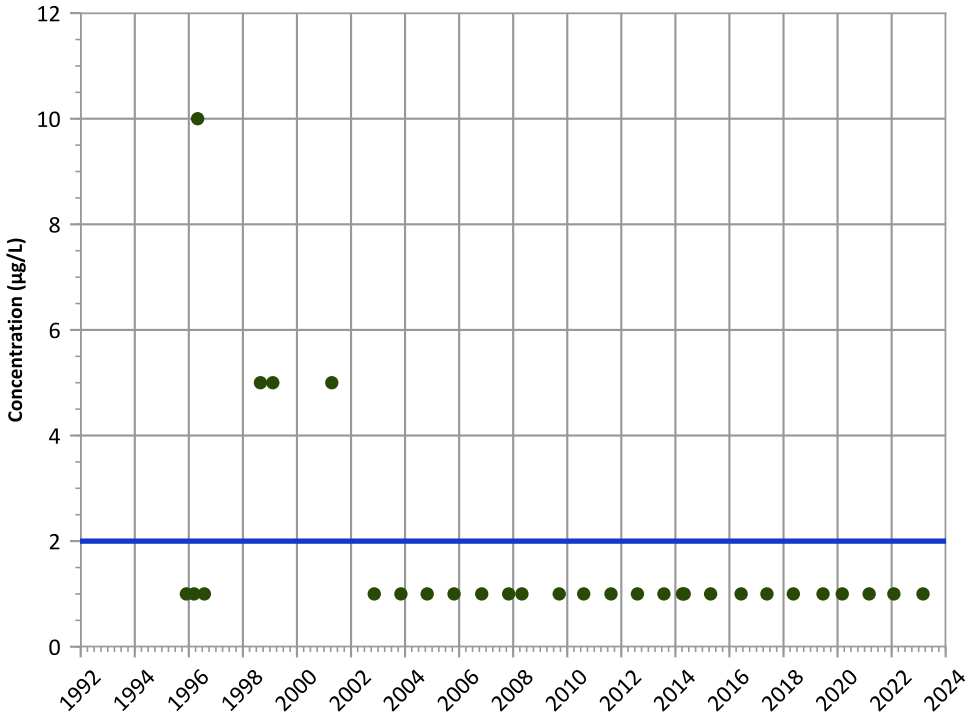


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

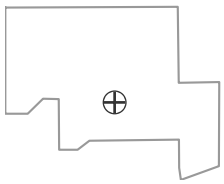
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

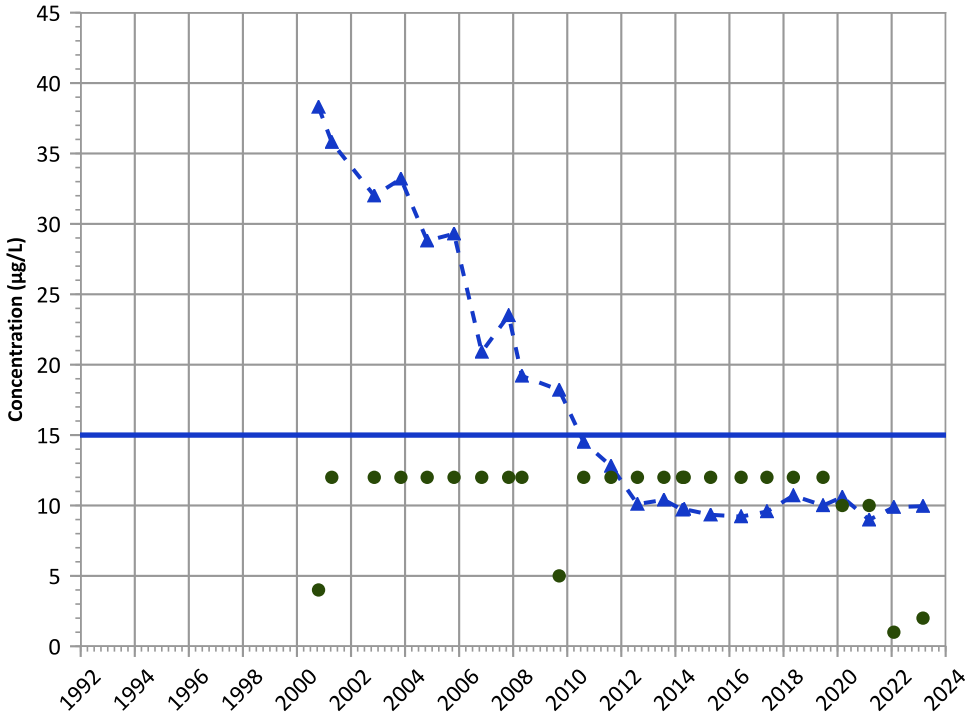
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

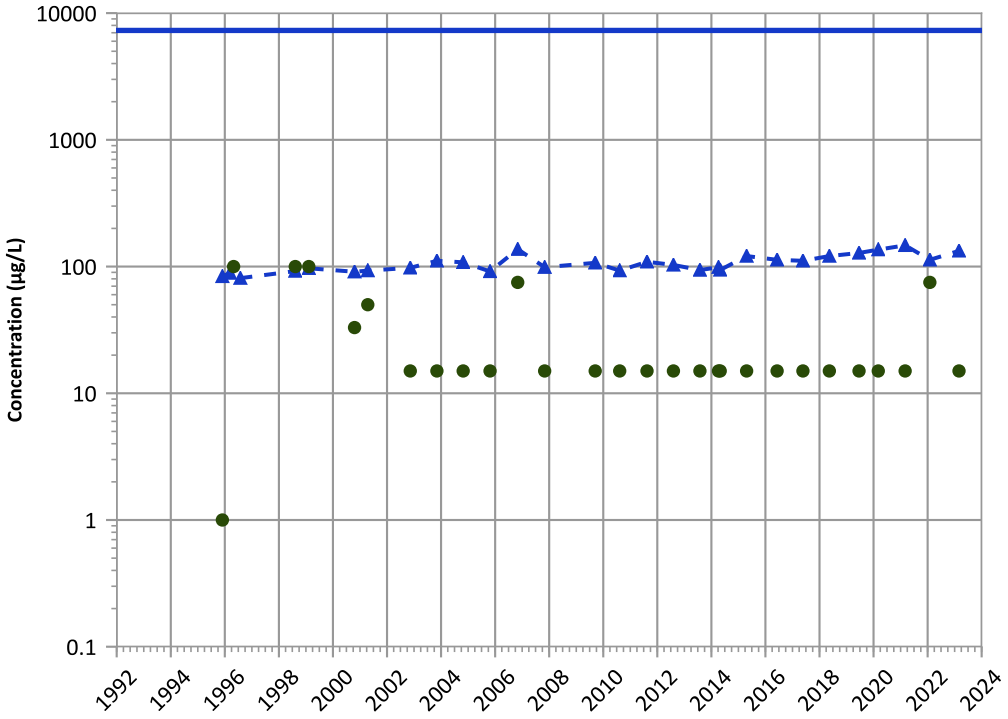


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

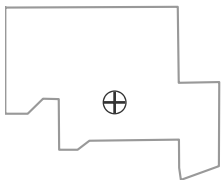
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

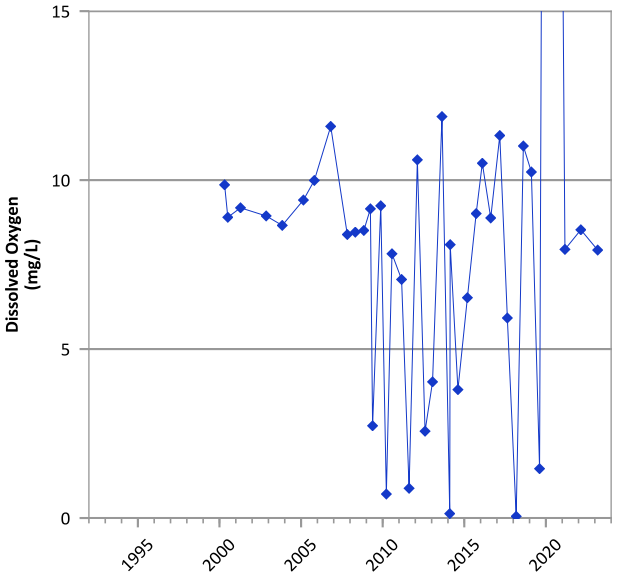
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/01/2023
Analysis Date: 04/01/2024

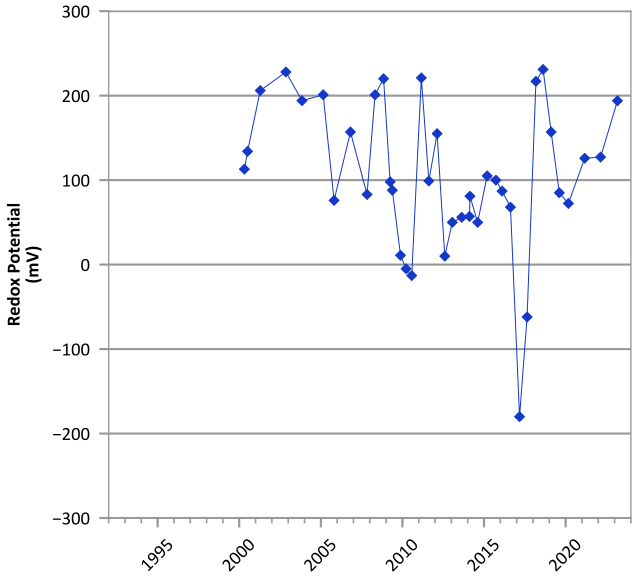
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

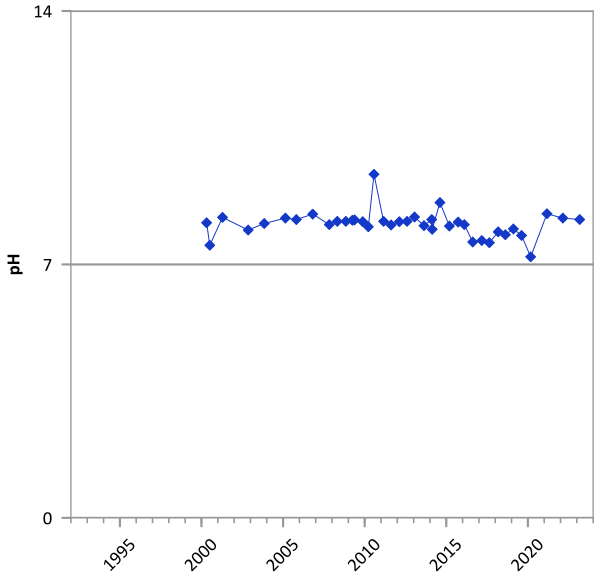
Well Location

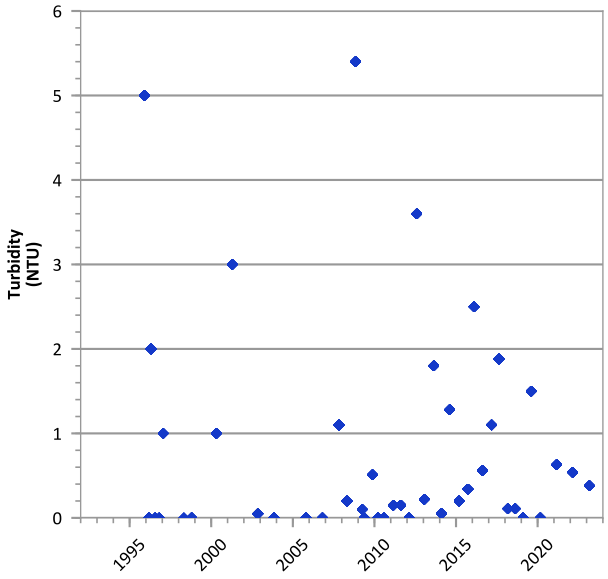


PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

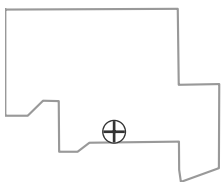






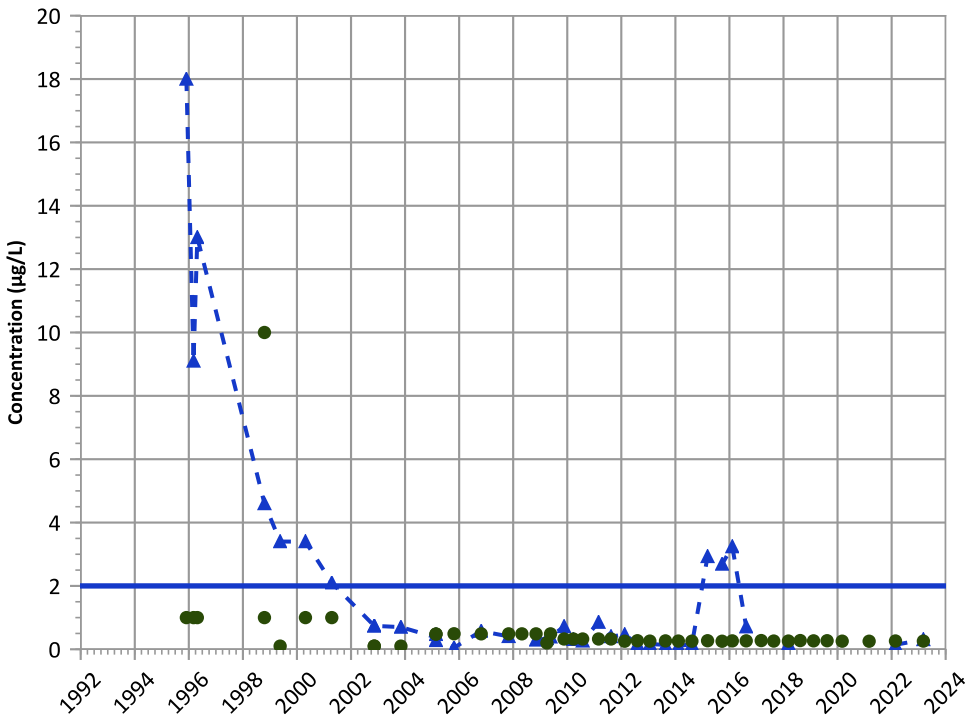


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

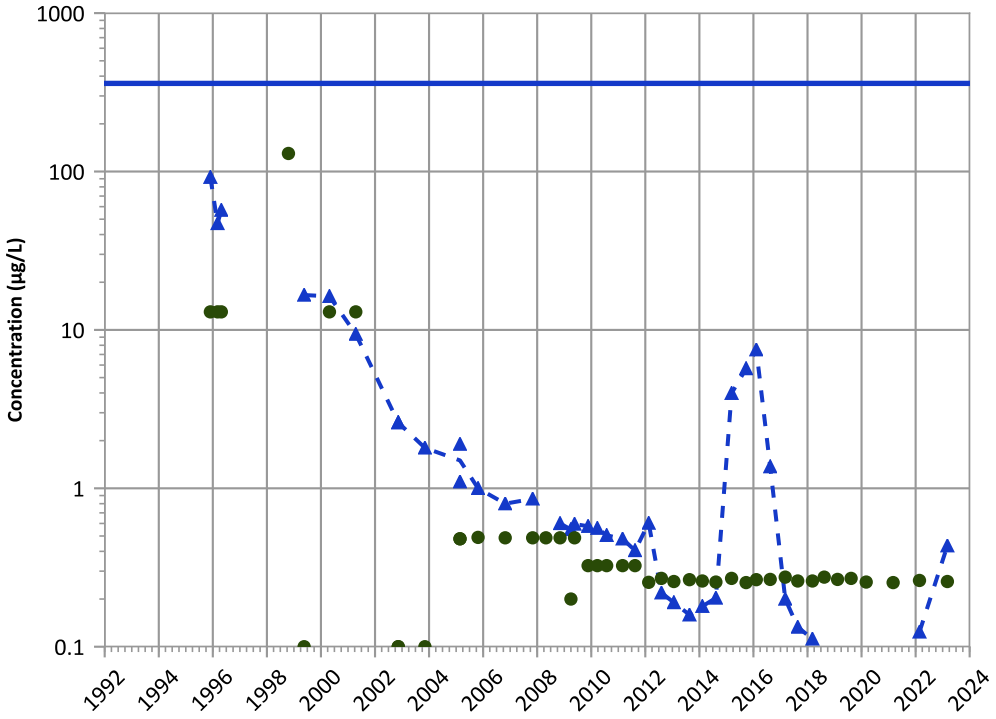


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

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



Concentration Trend

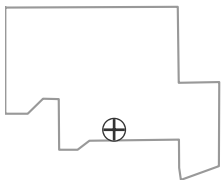
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

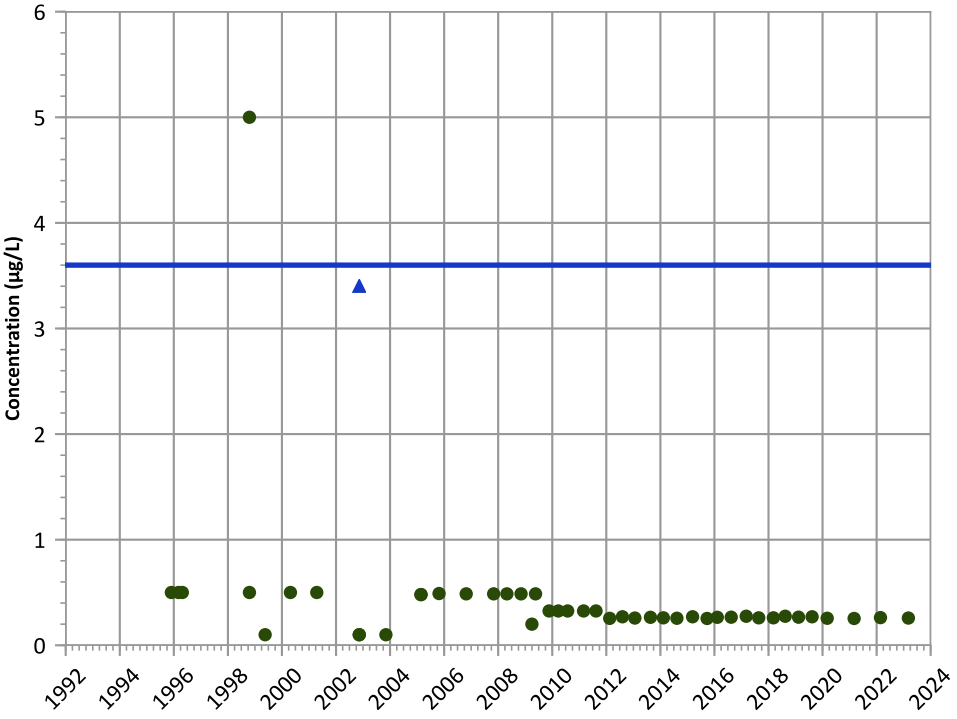
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

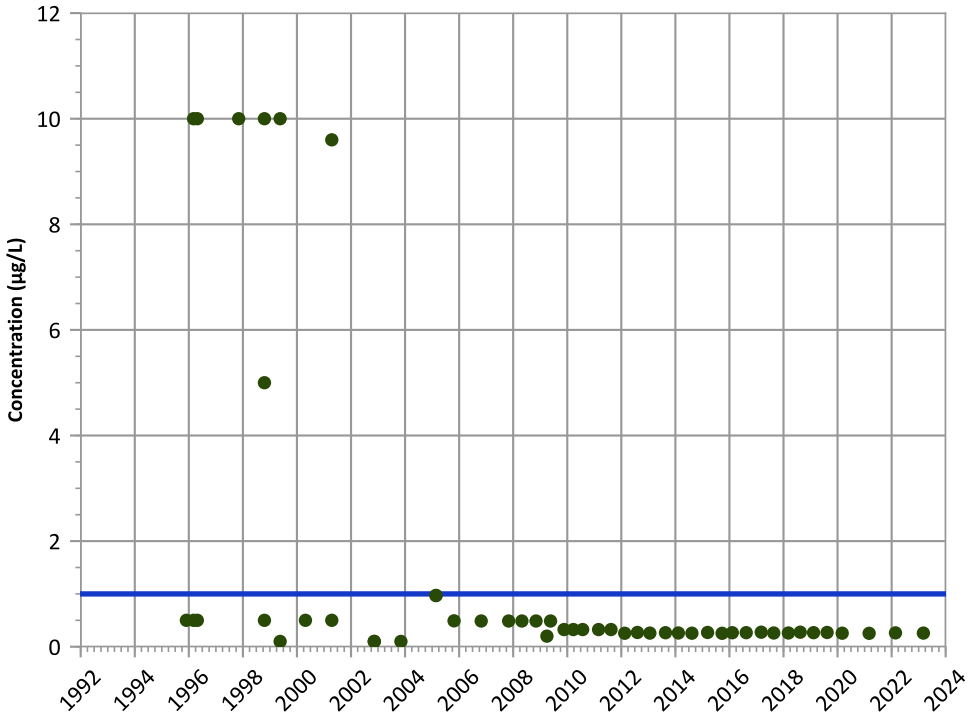


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

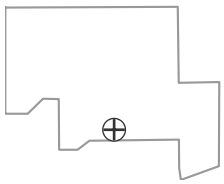
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

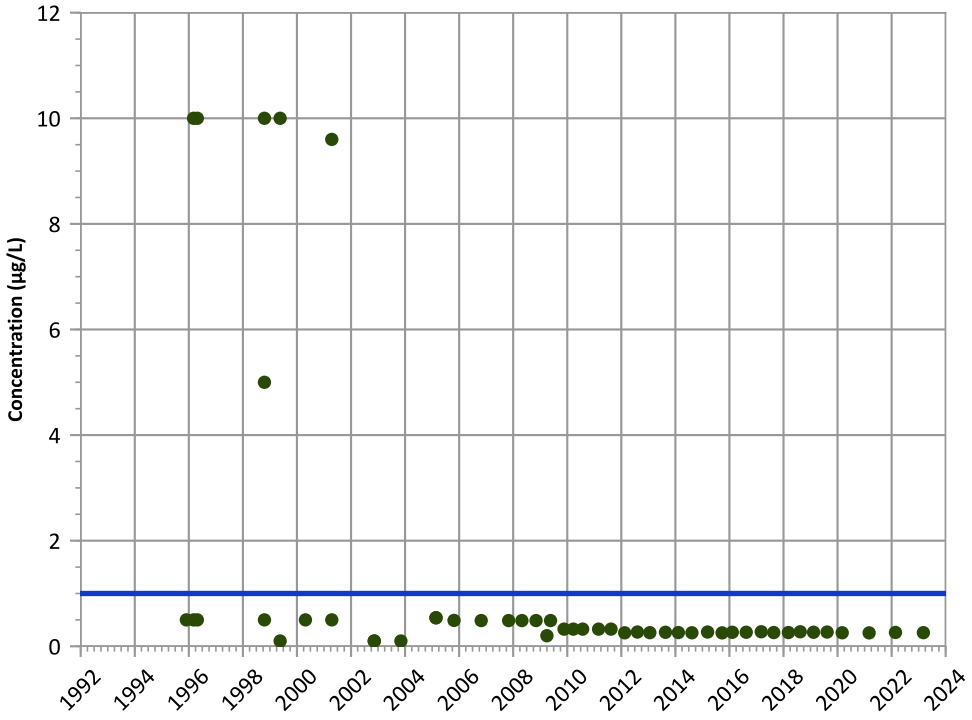
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

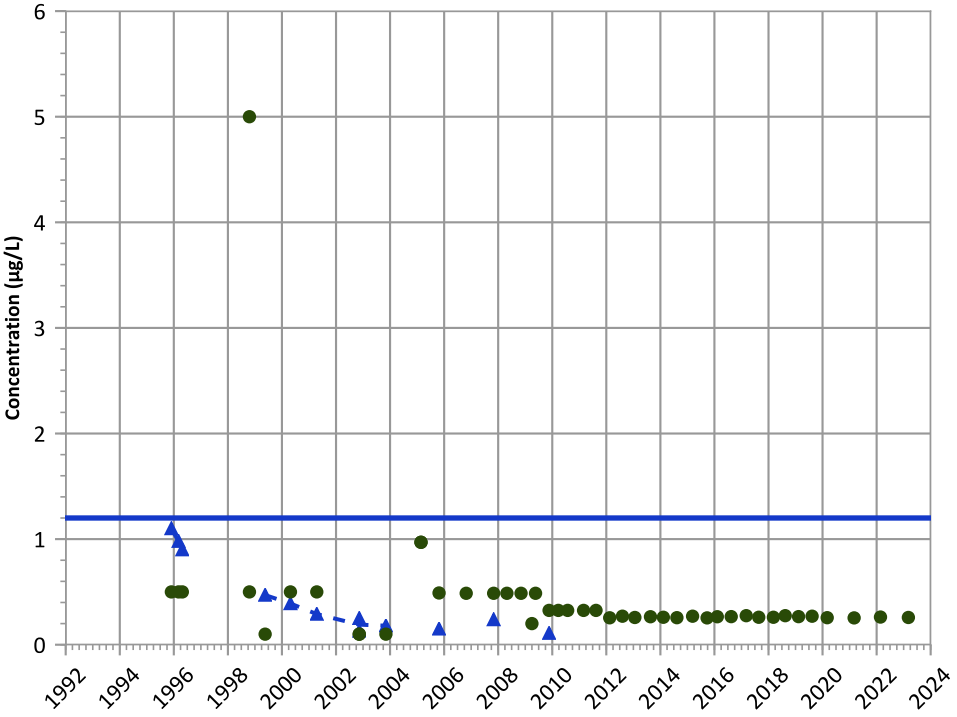


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

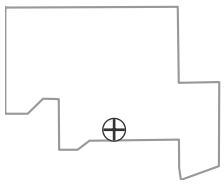
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

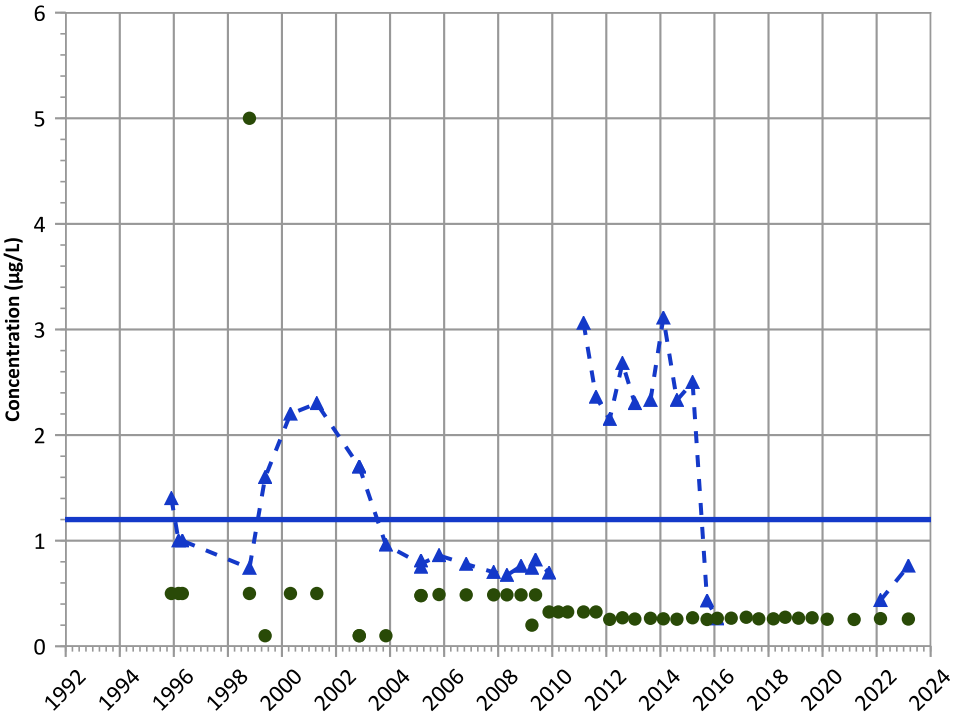
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

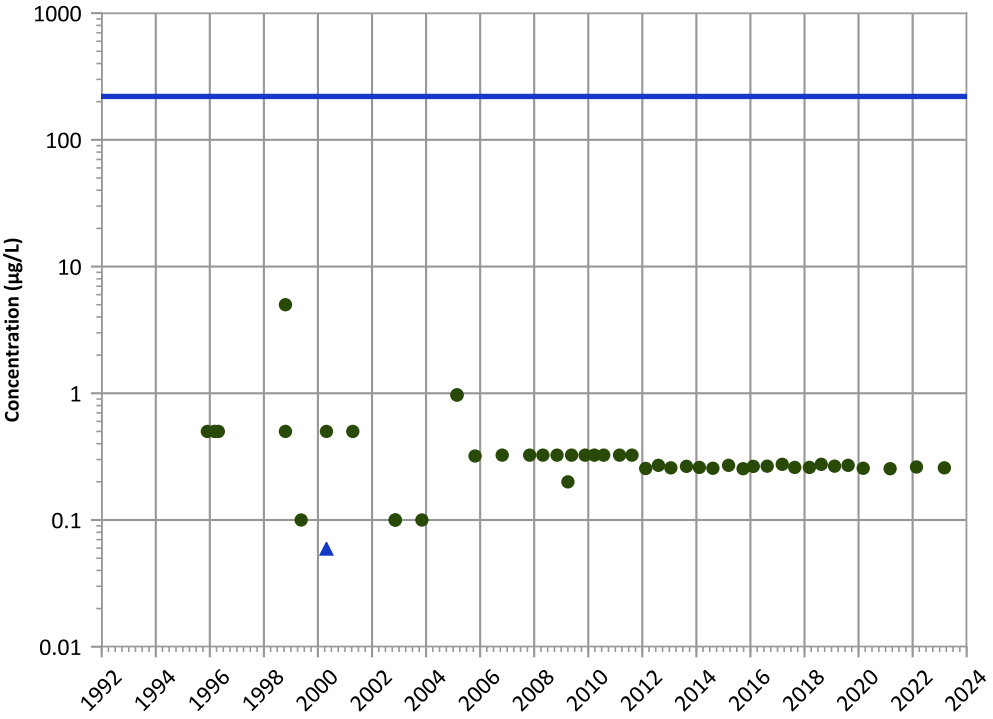


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

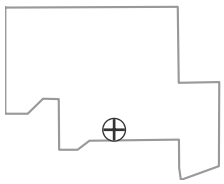
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

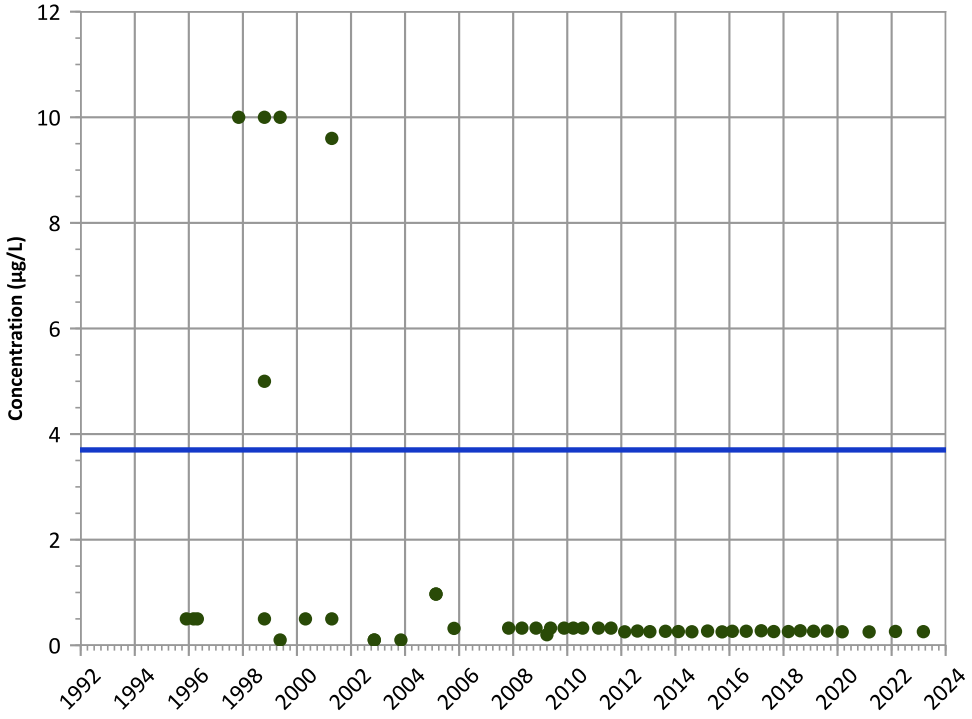
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

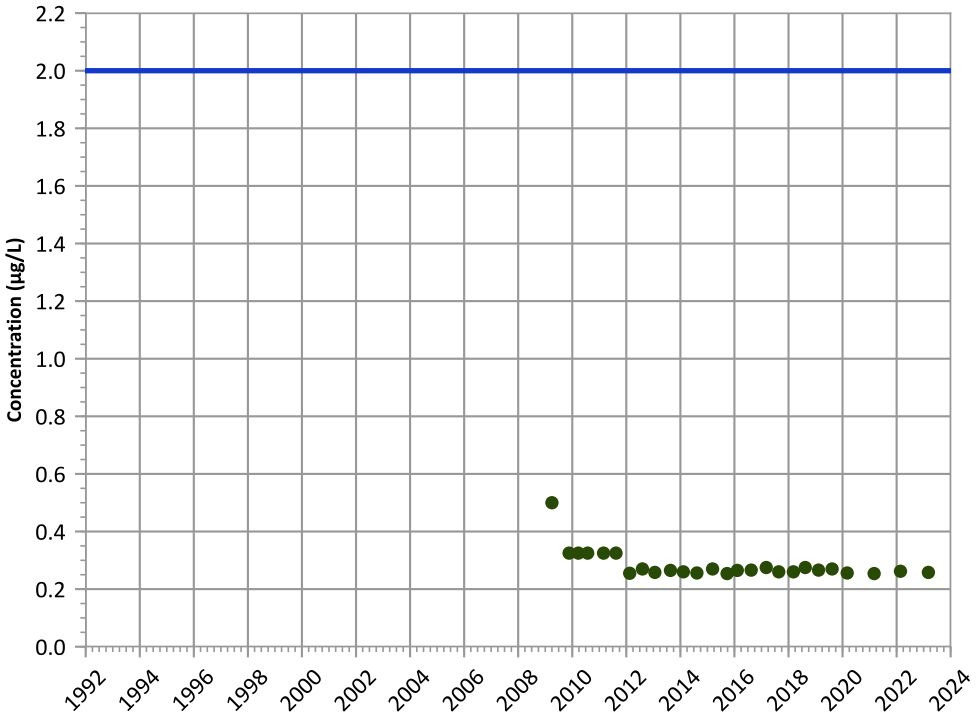


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

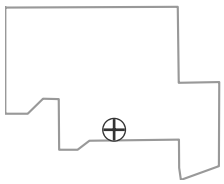
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

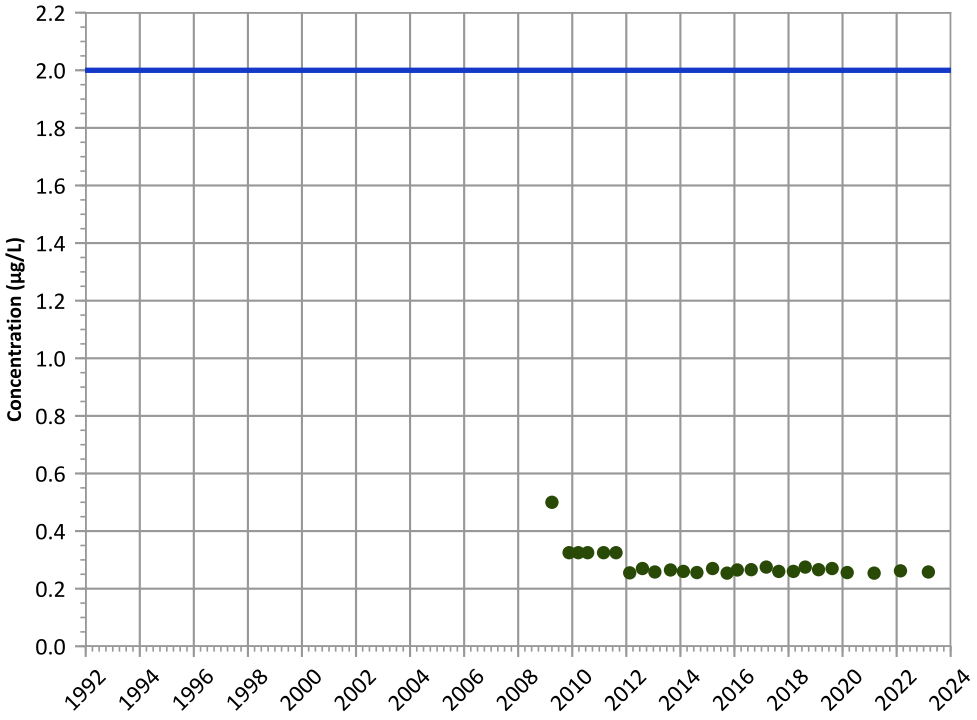
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

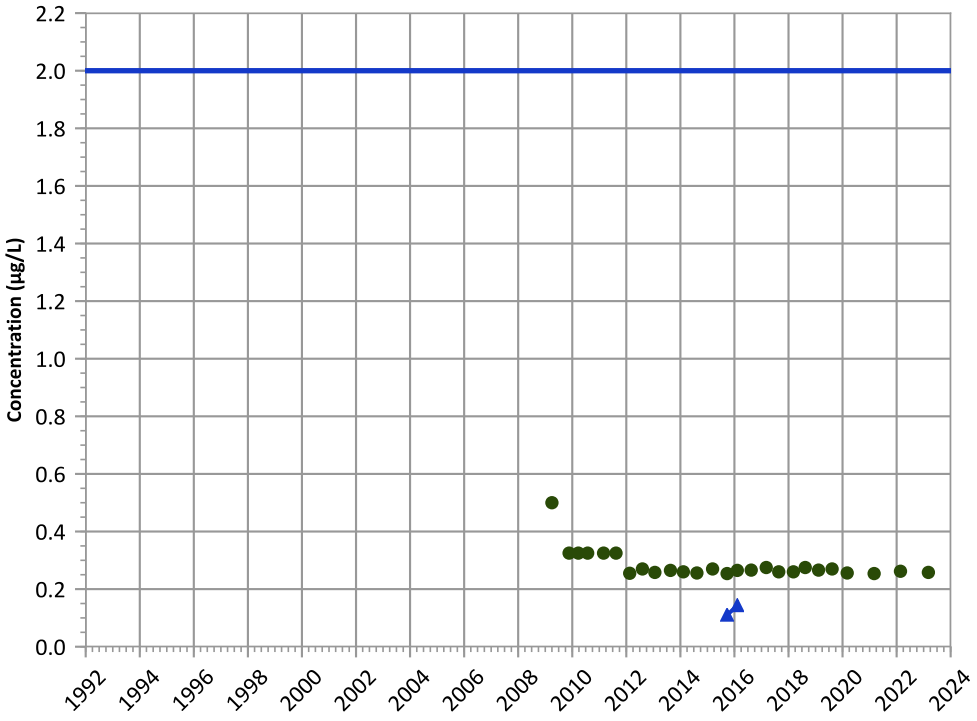


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

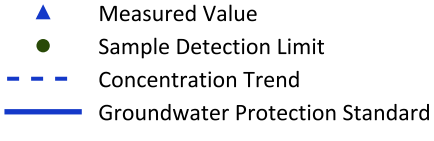


Concentration Trend

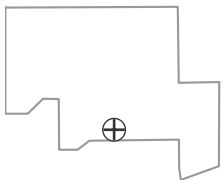
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

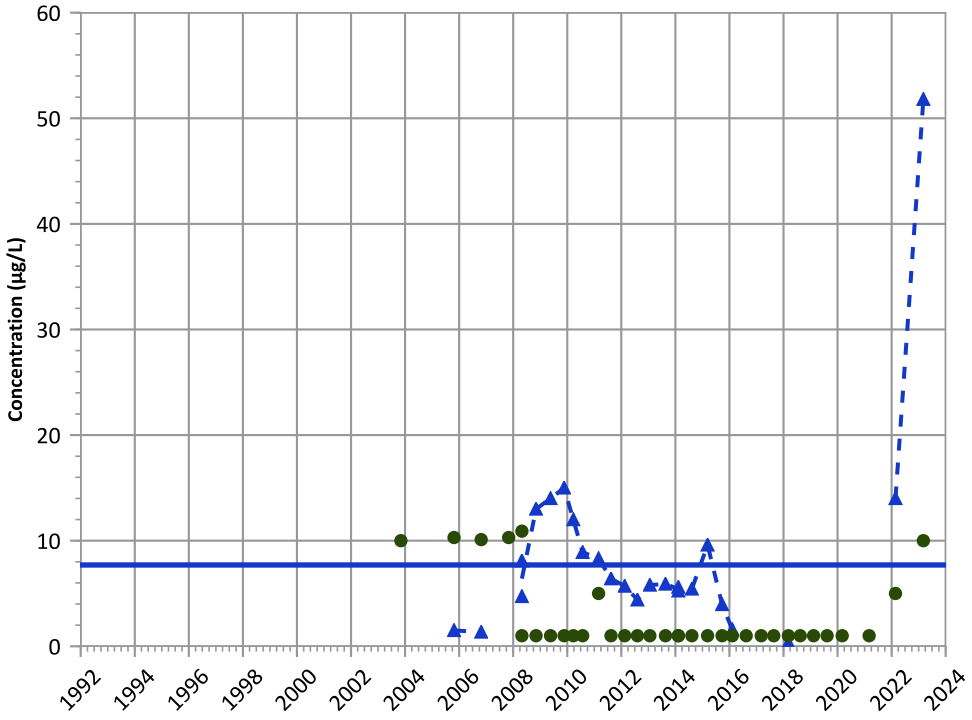


Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

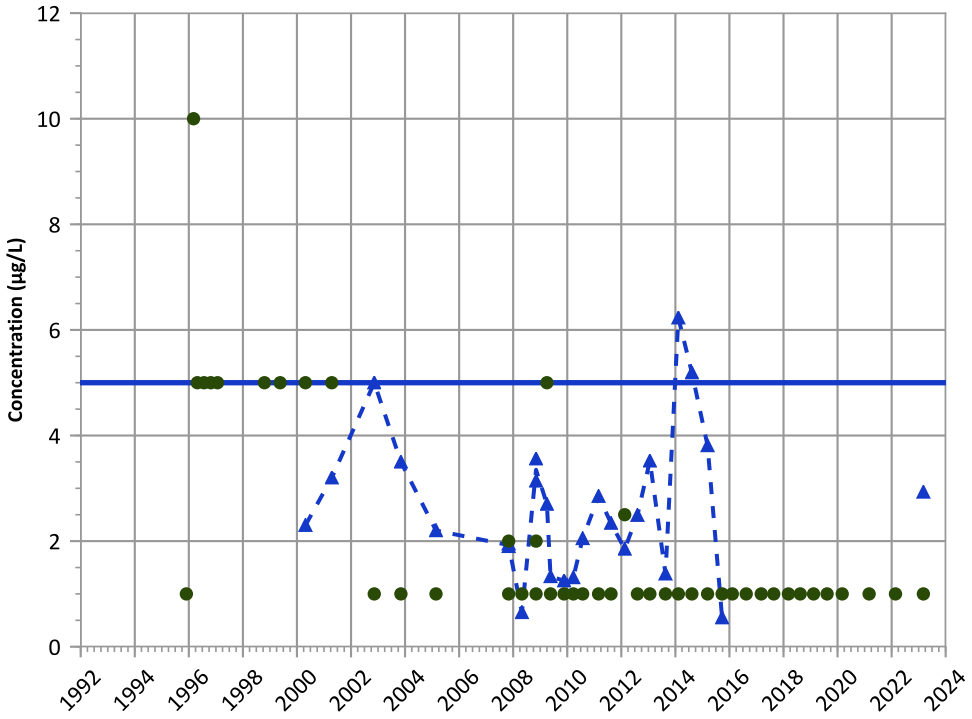


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

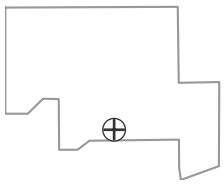
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

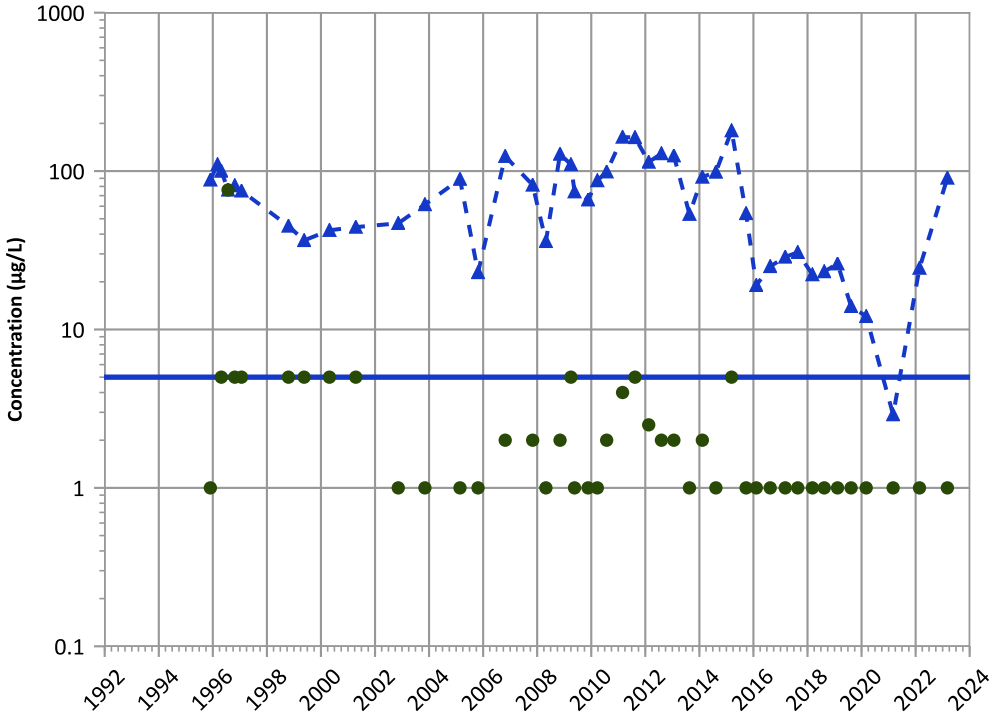
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

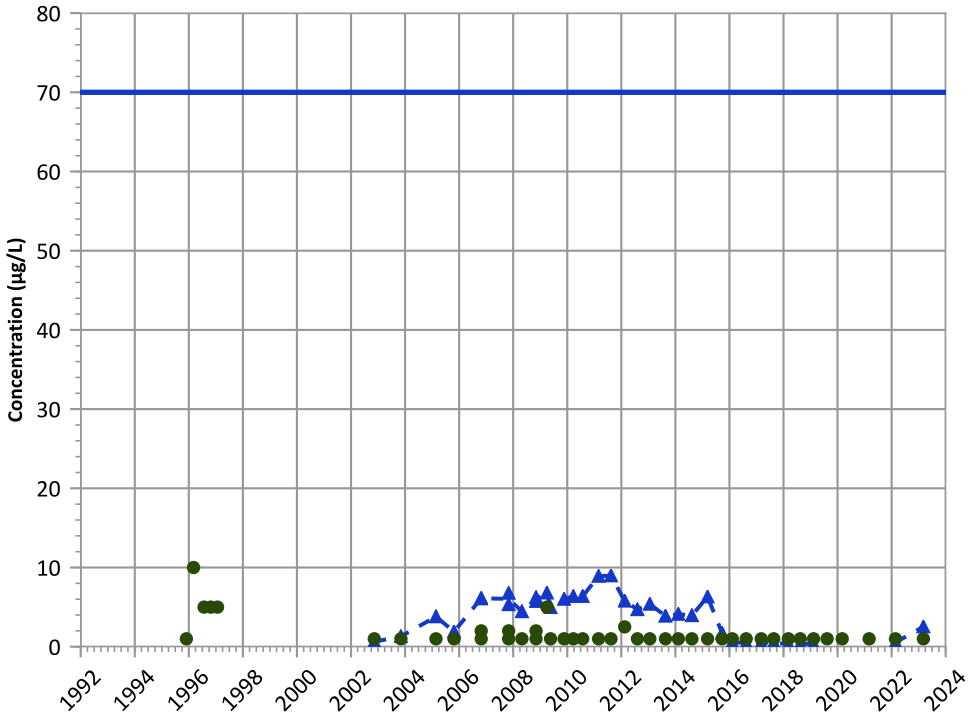


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

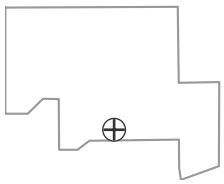
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

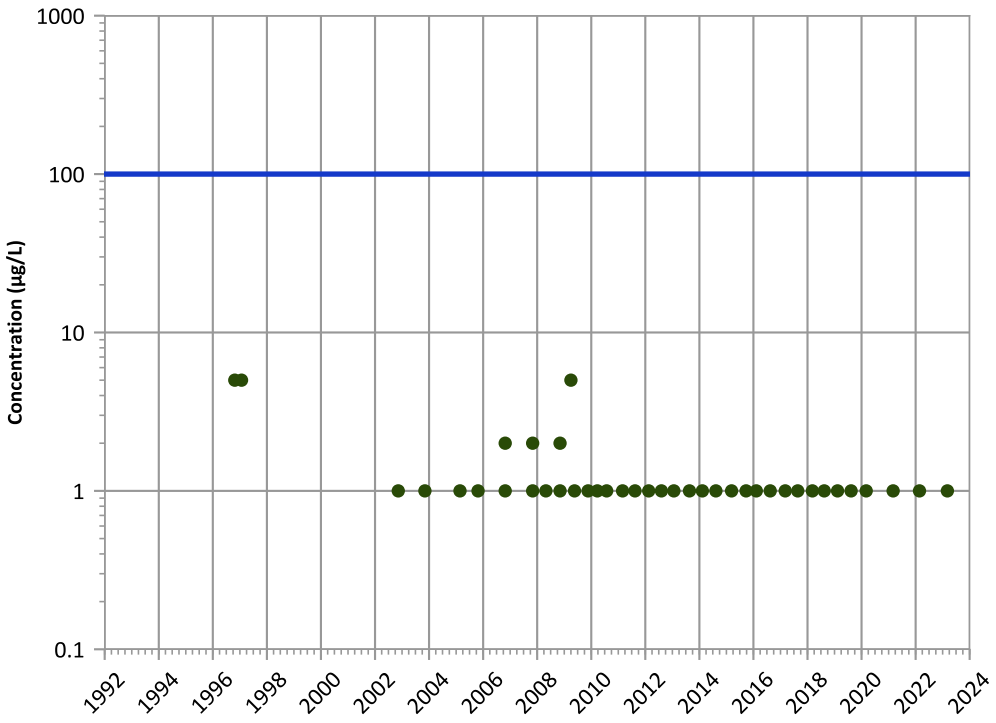
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

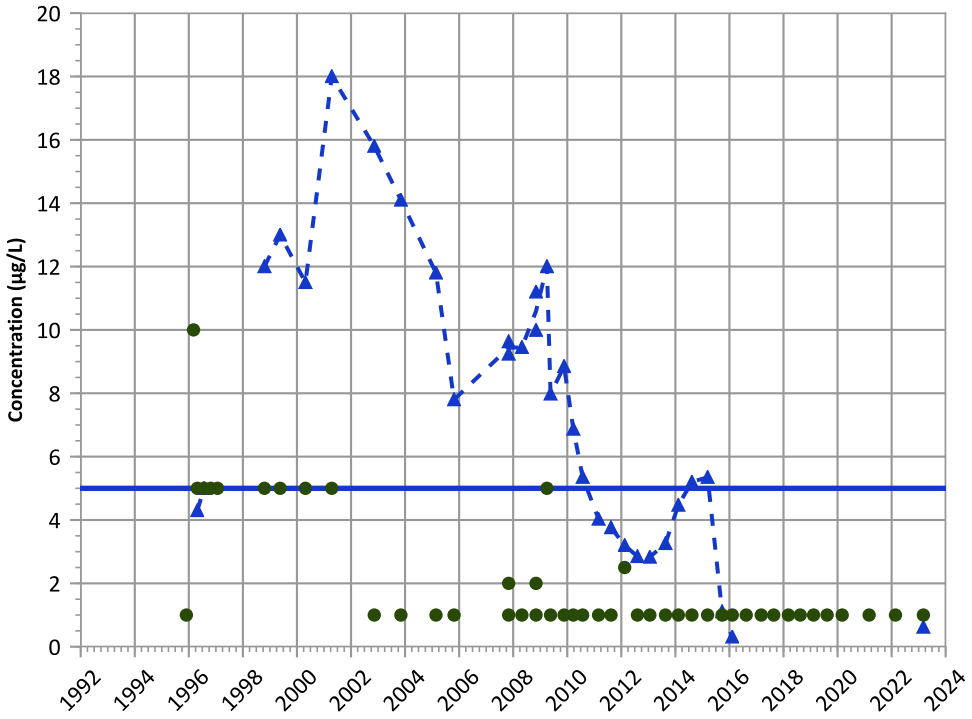


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

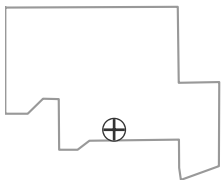
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

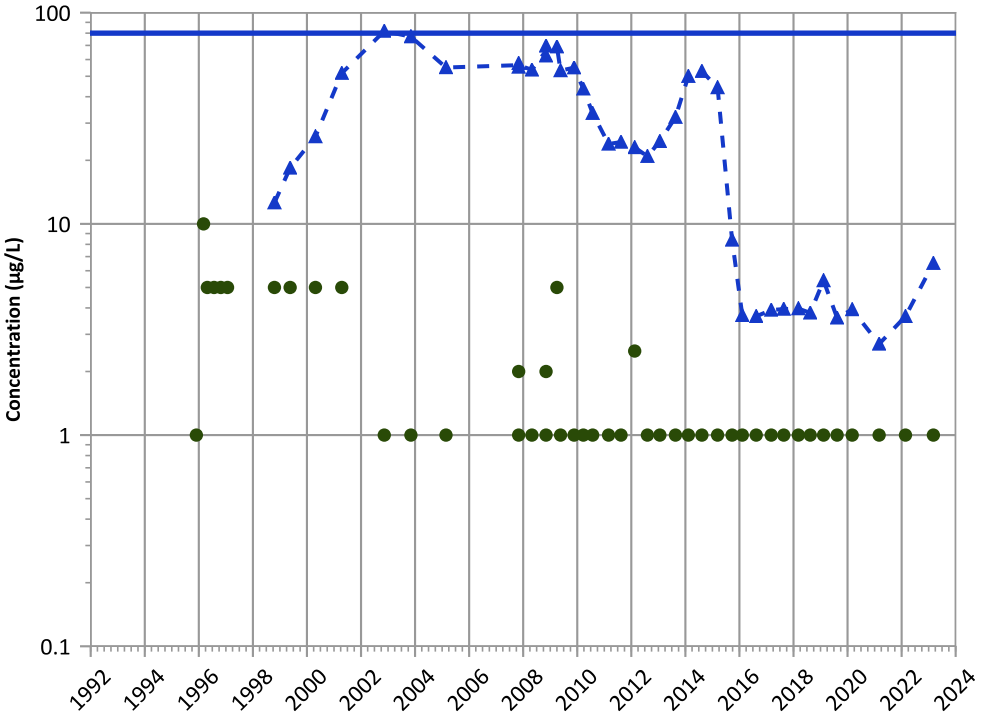
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

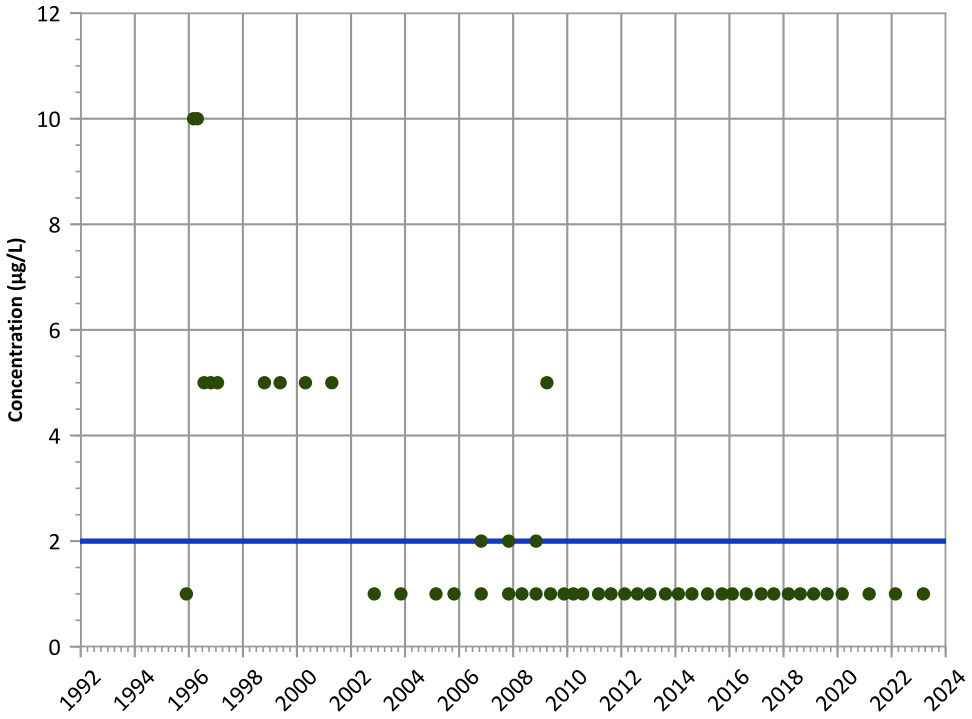


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

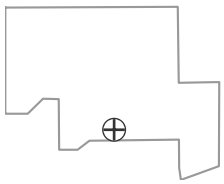
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

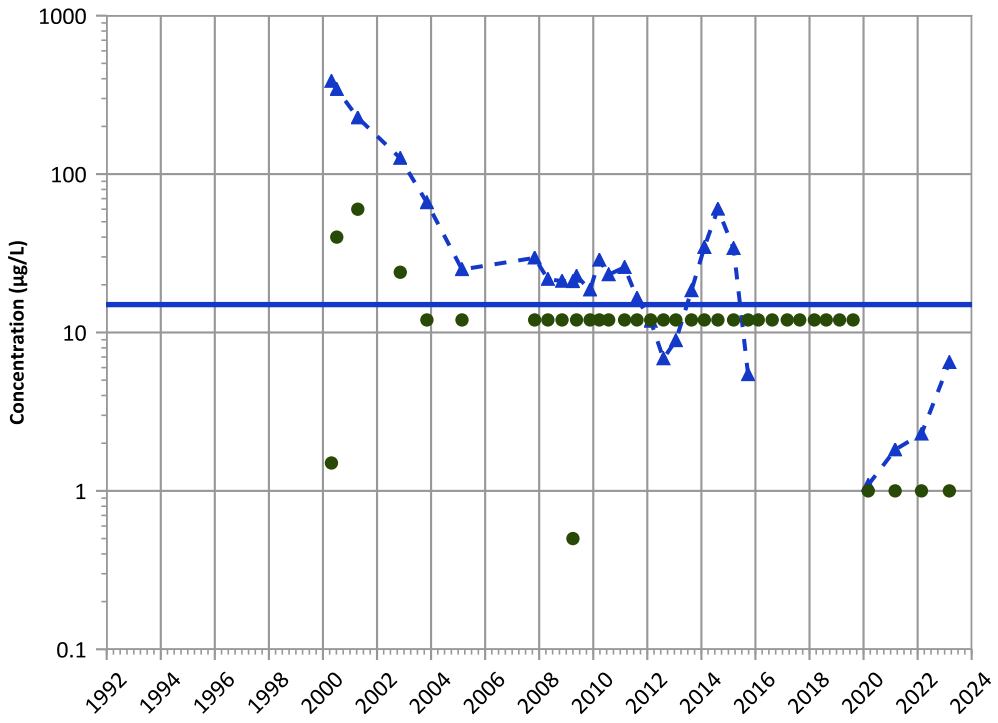
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

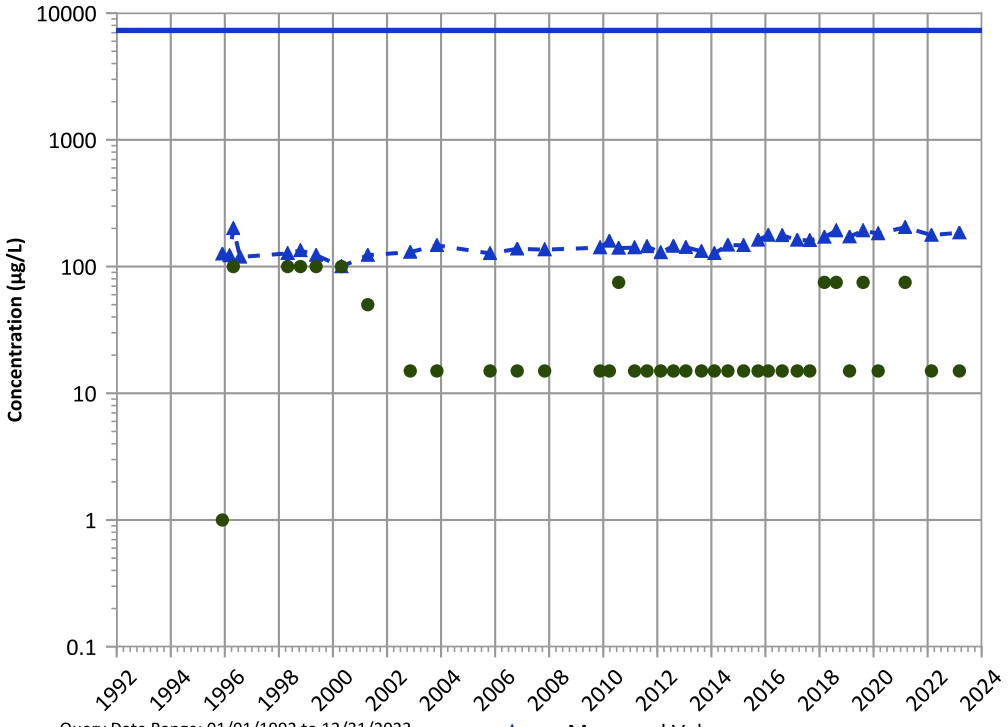


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

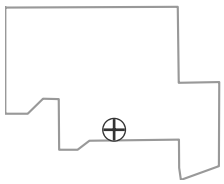
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

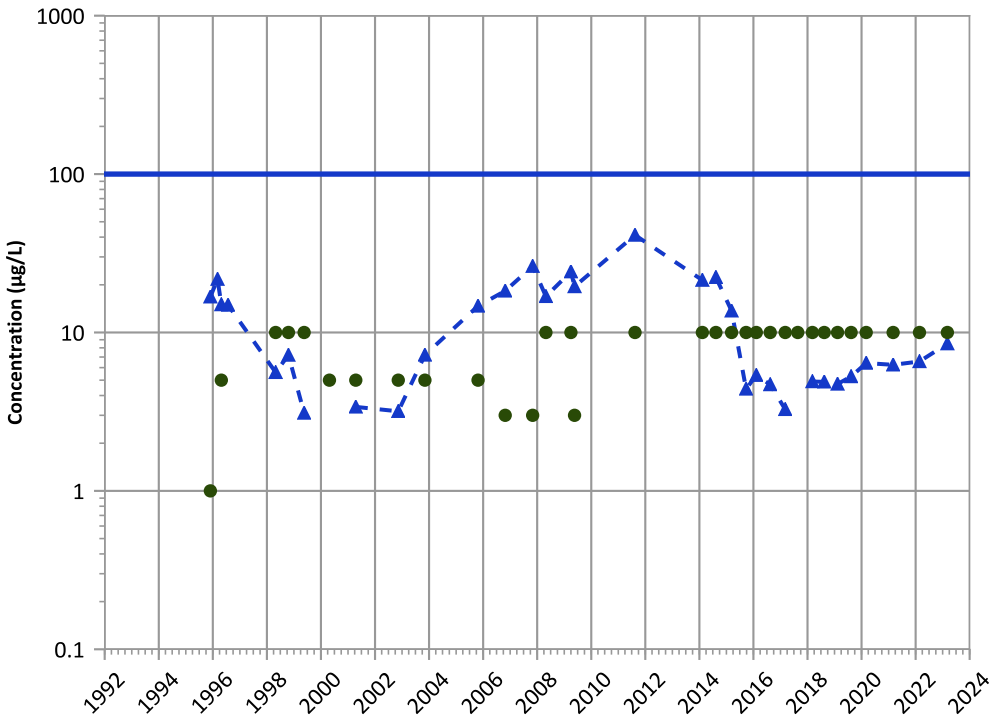
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

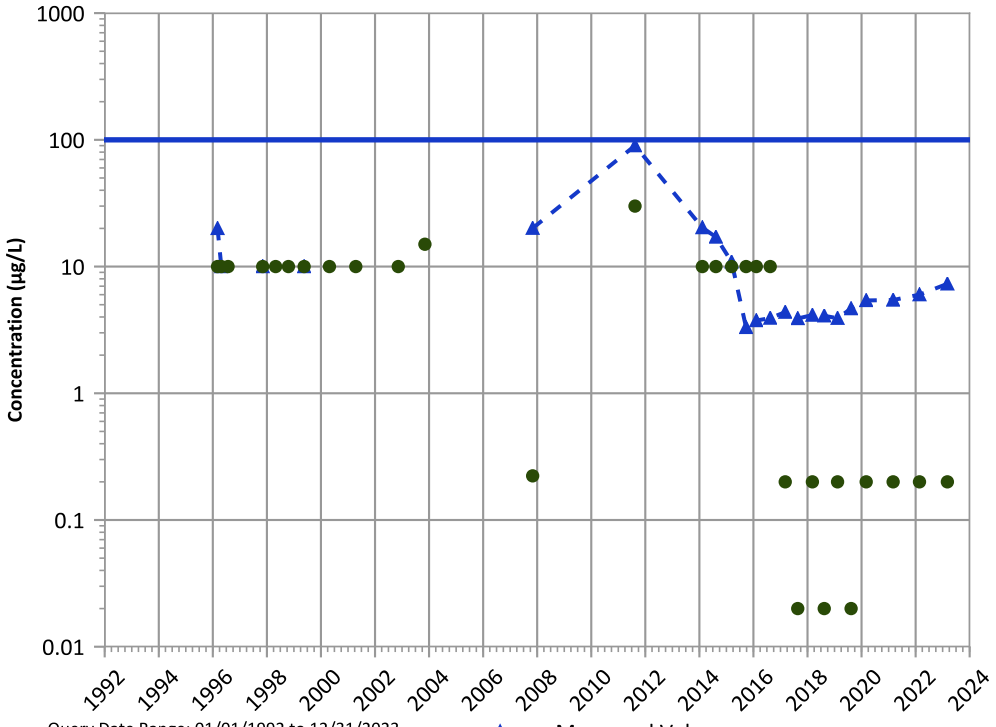


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Chromium, Hexavalent Trend



Concentration Trend

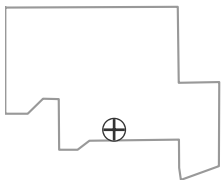
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

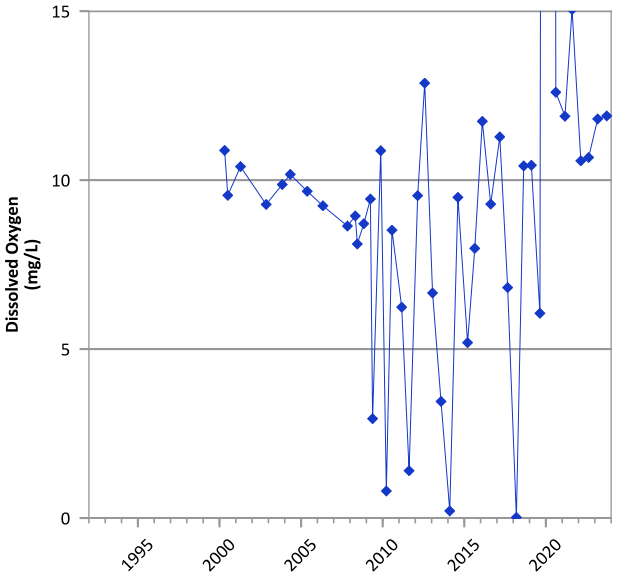
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/29/1995 to 03/06/2023
Analysis Date: 04/01/2024

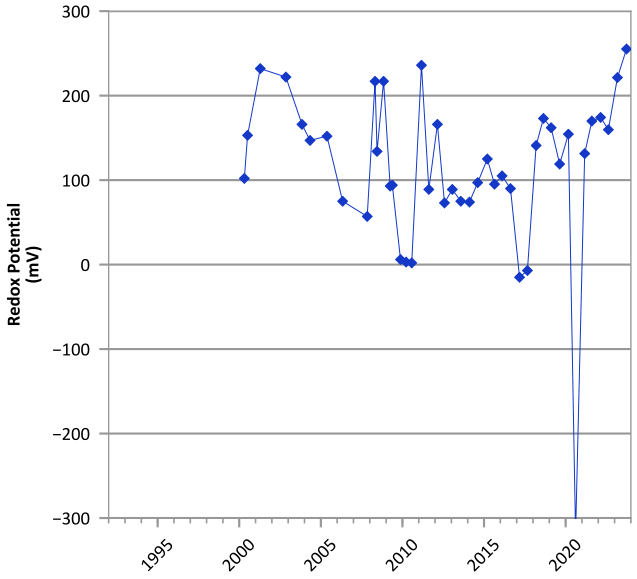
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

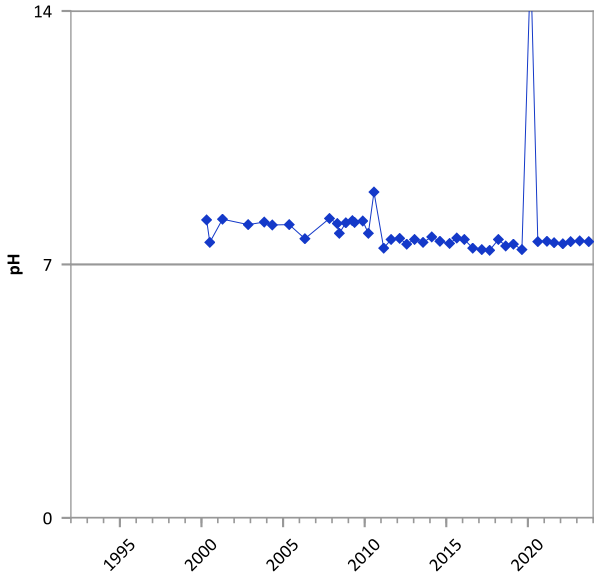
Well Location

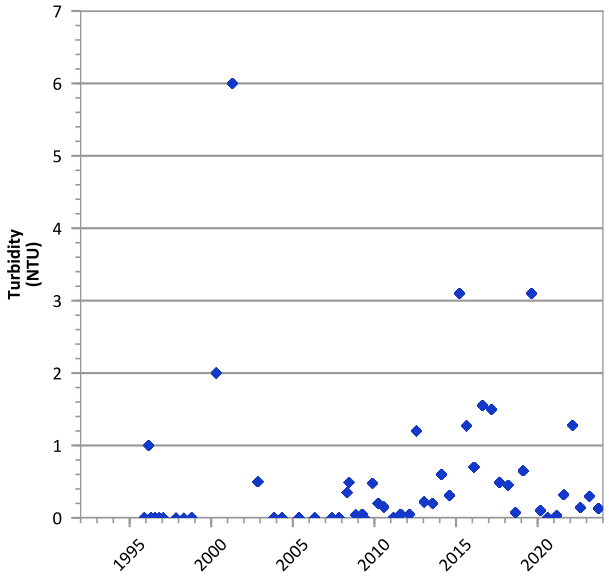


PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

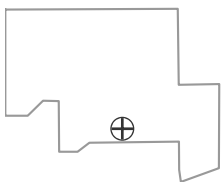






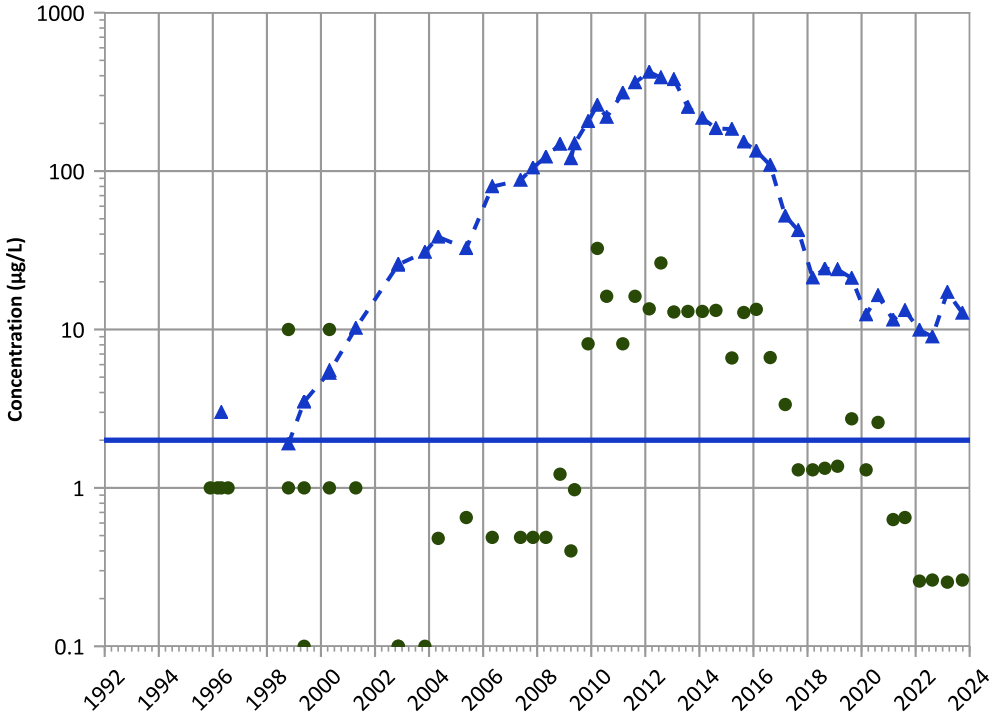


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

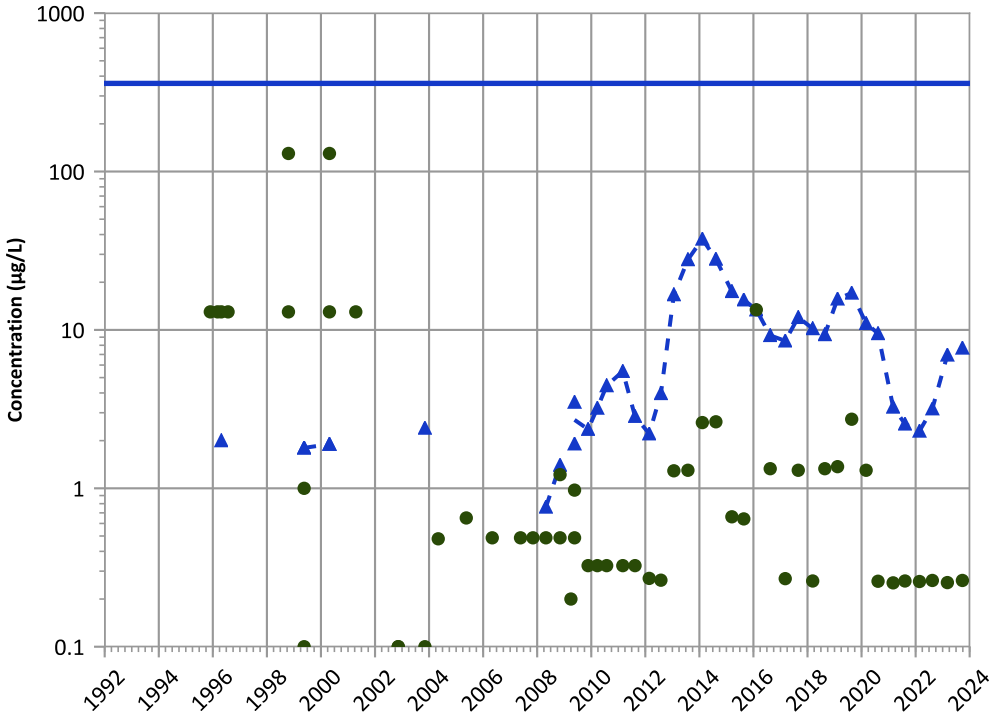


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

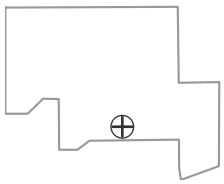
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

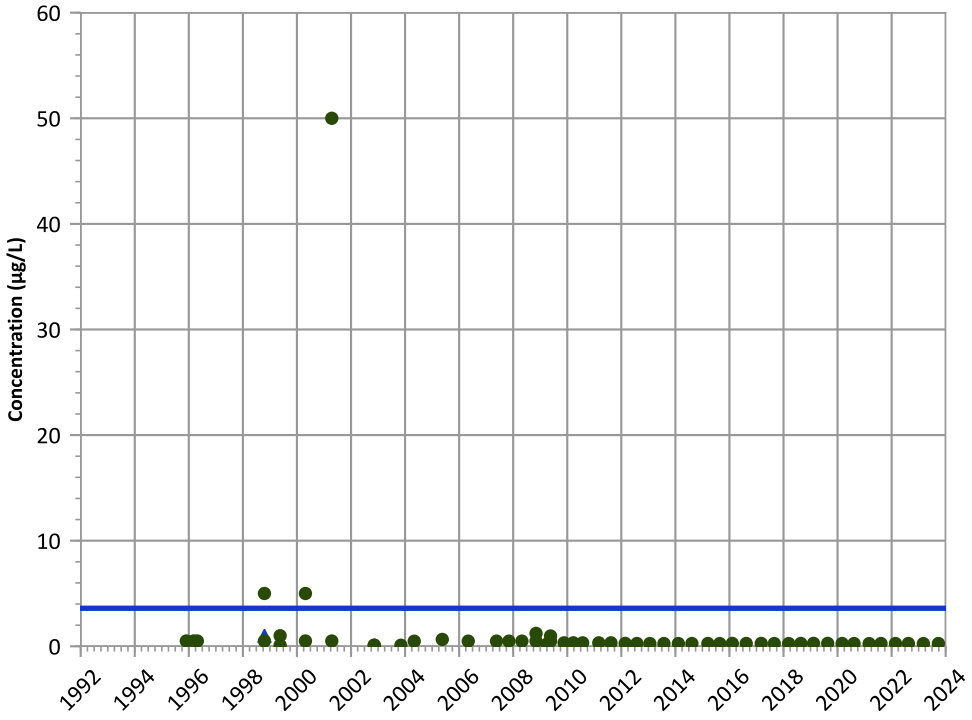
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

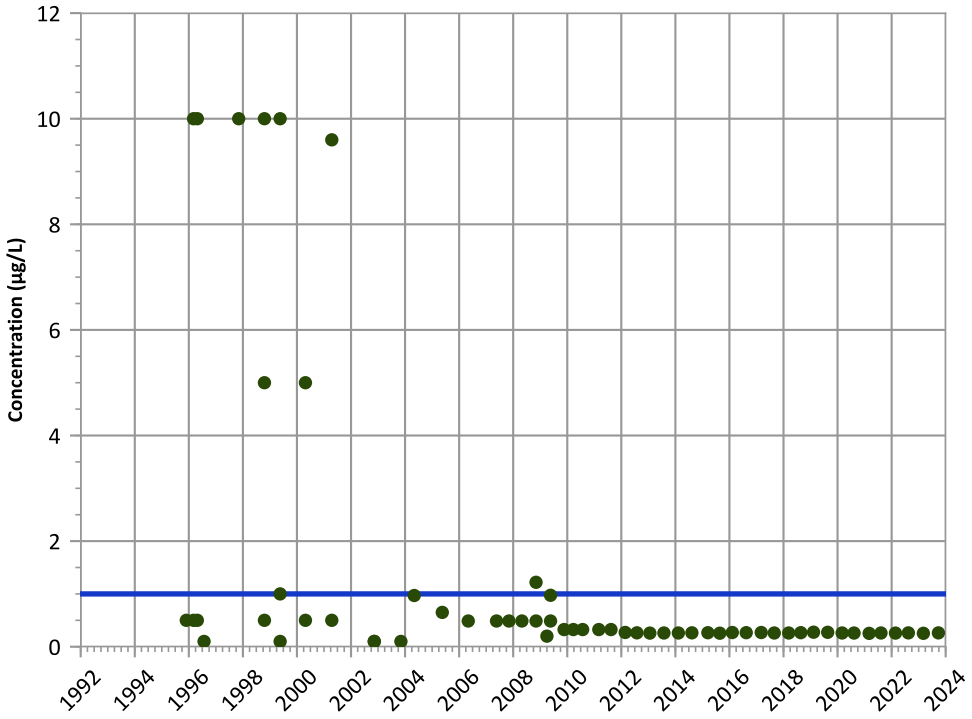


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

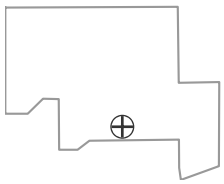
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

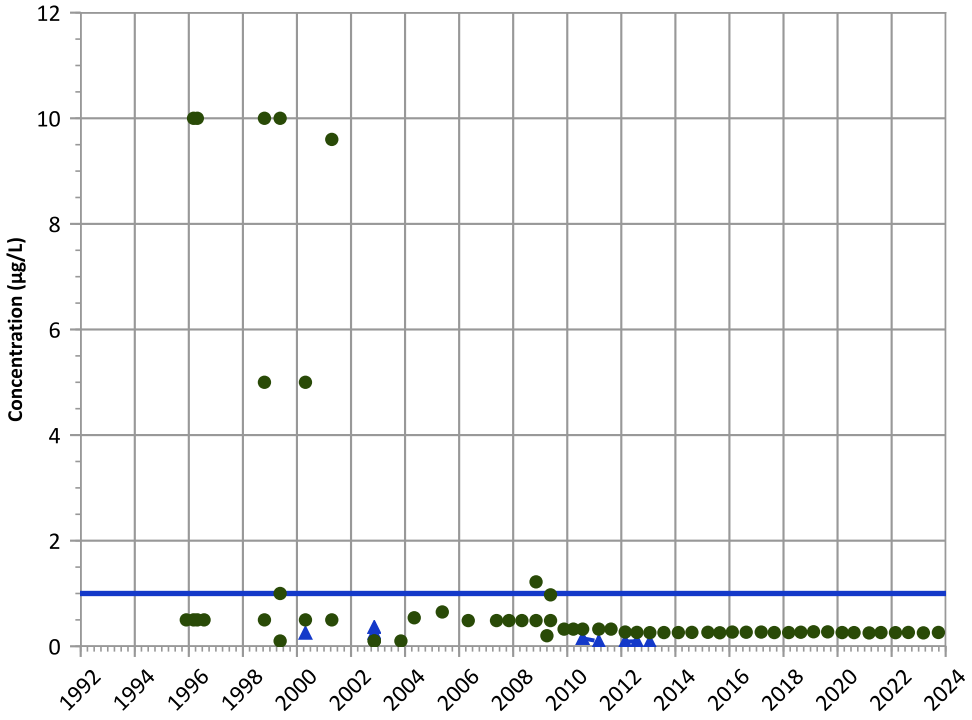
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

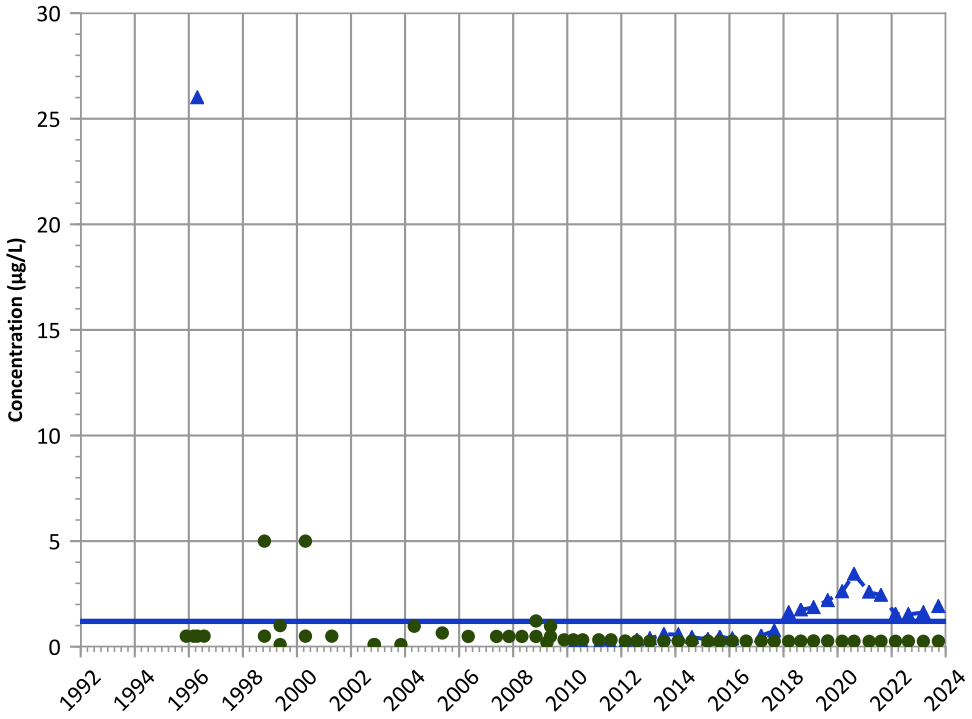


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

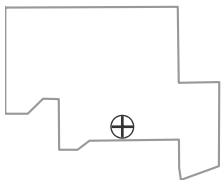
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

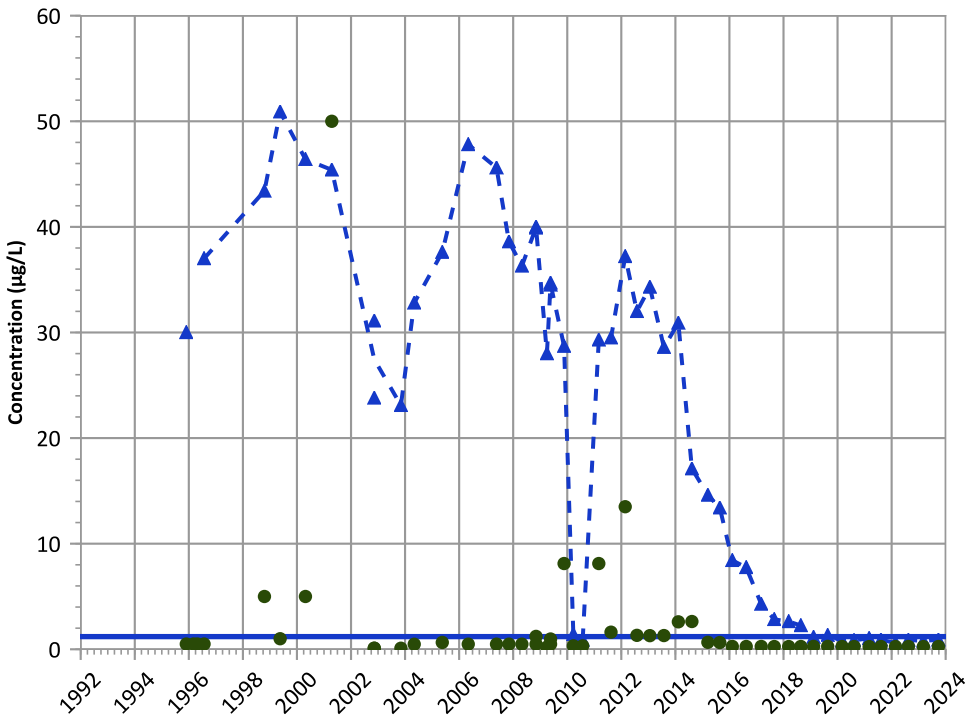
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

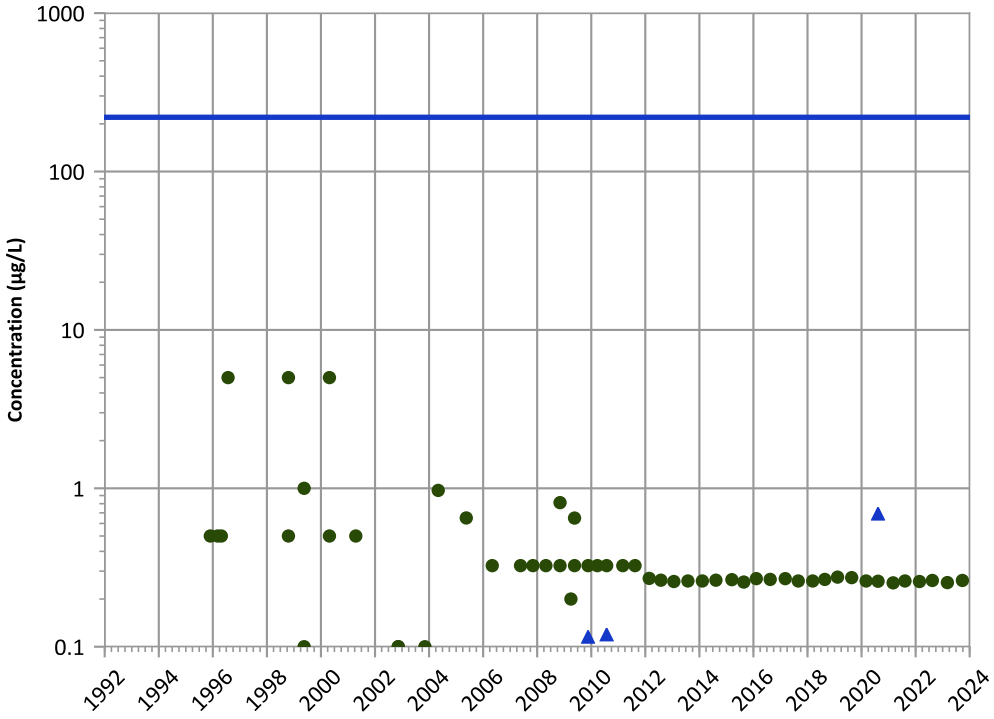


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

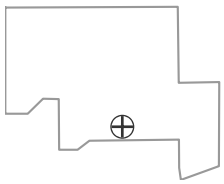
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

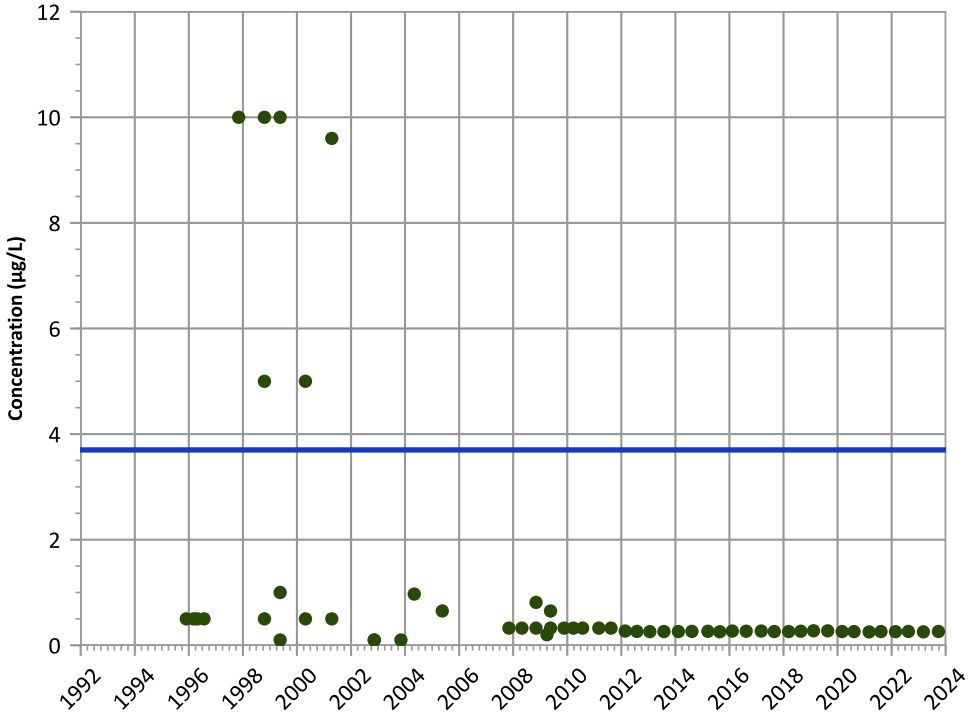
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

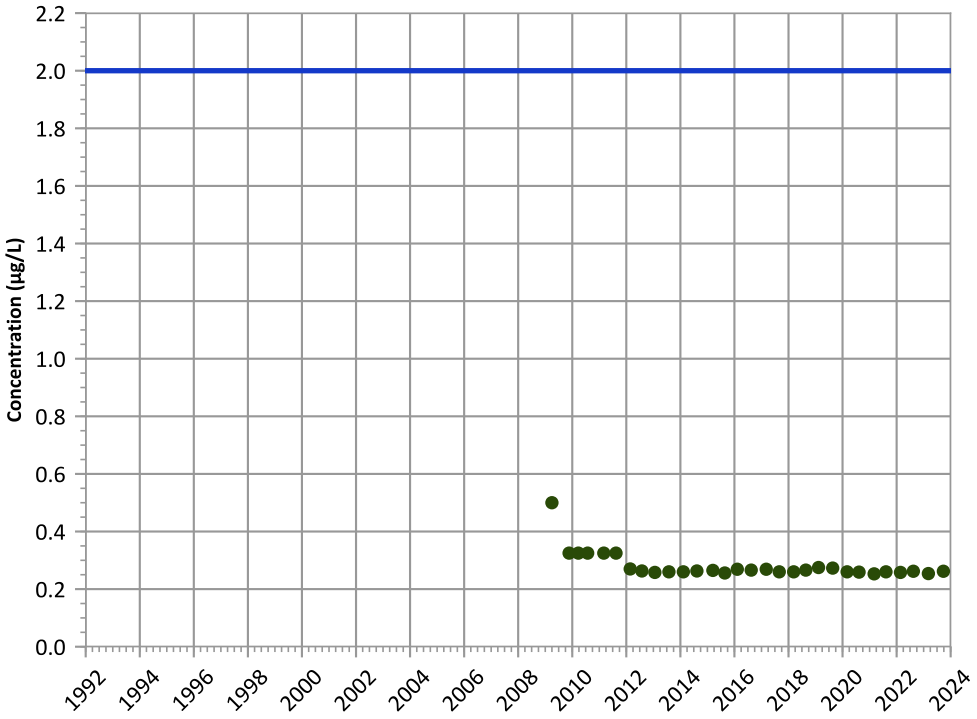
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



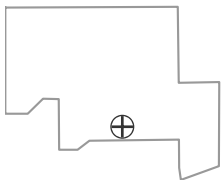
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

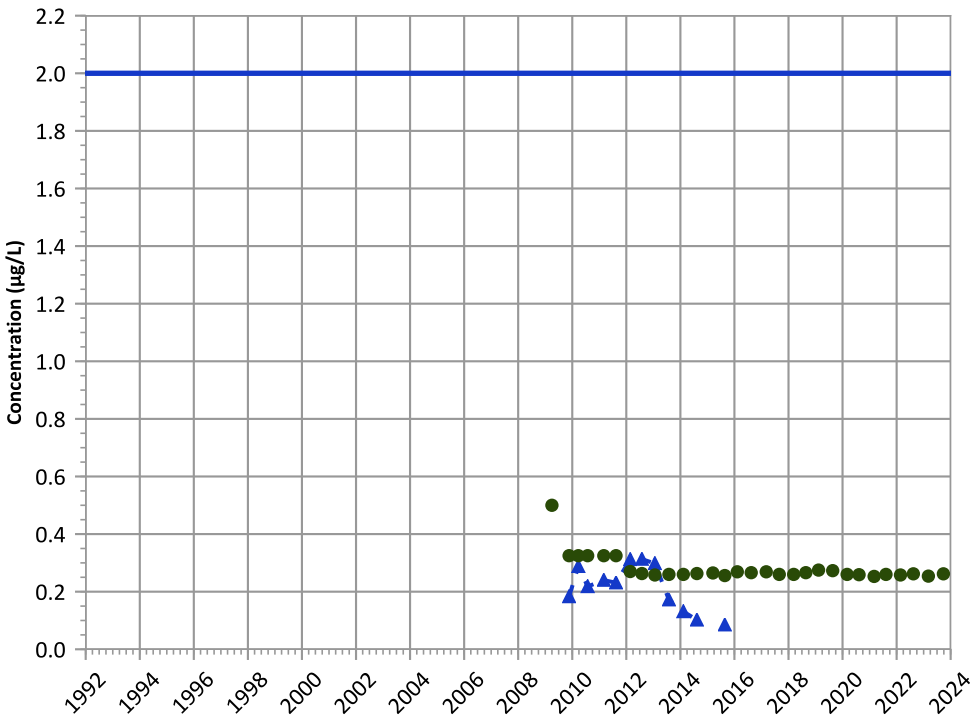
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

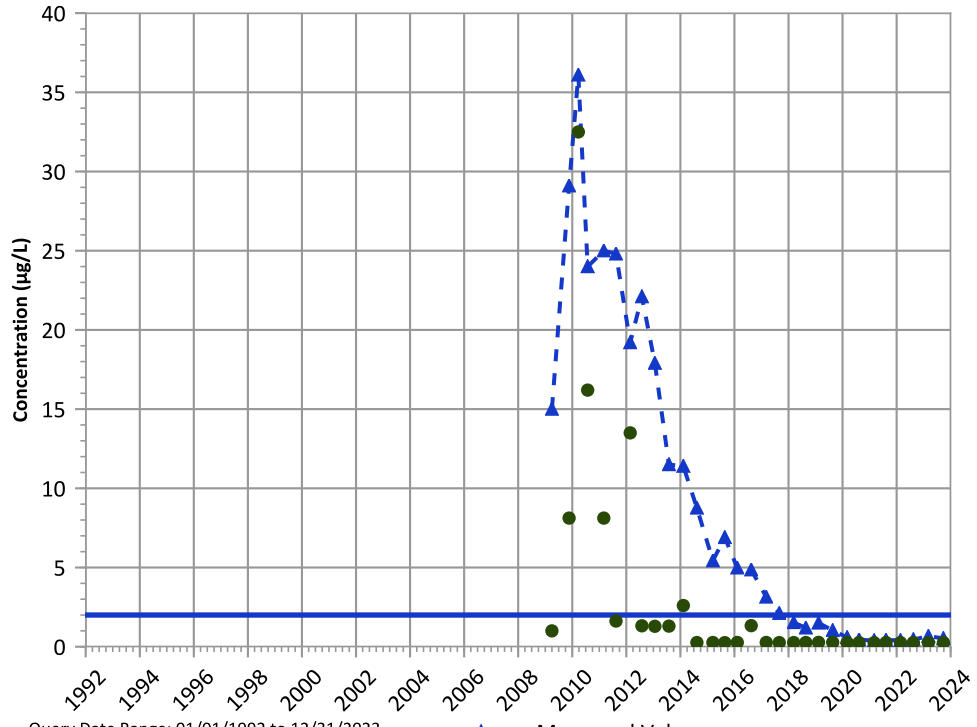


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

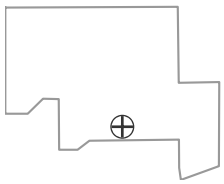
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

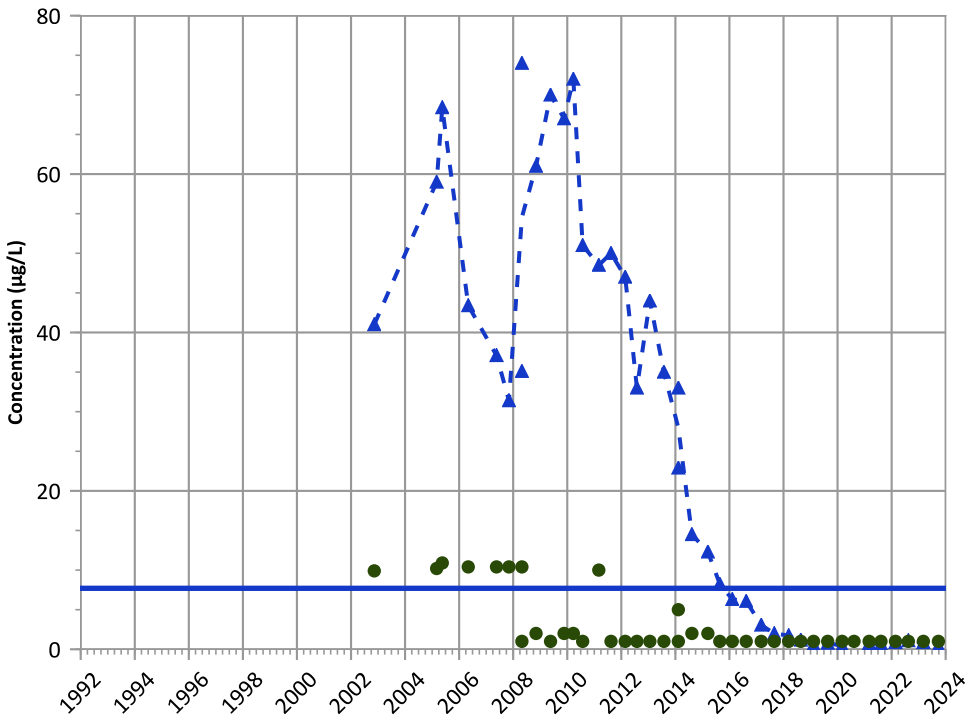
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

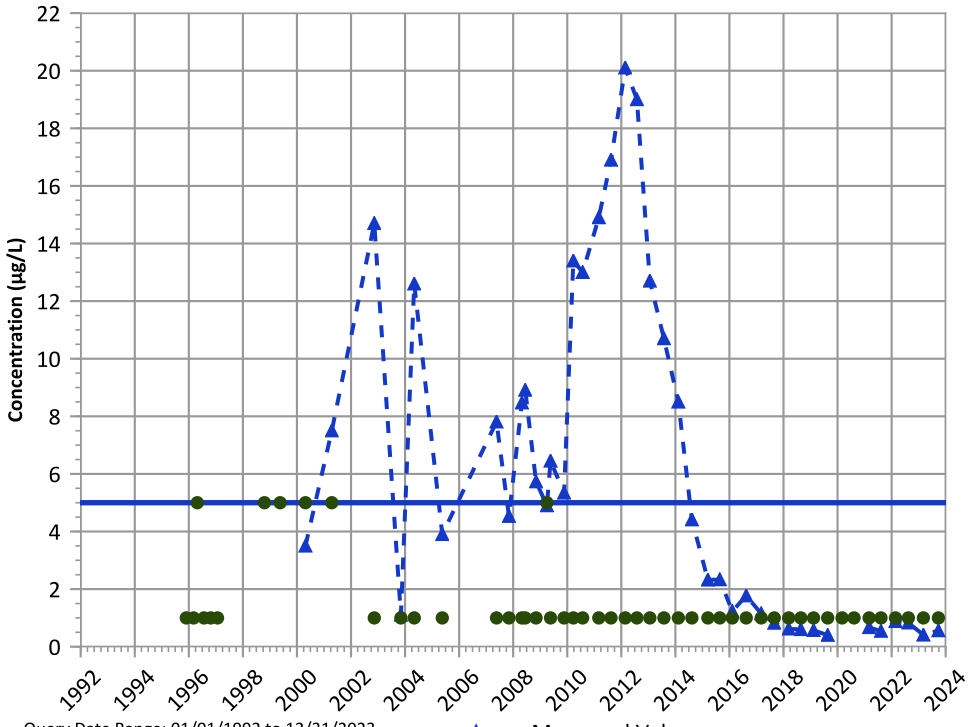


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

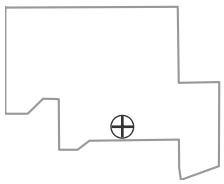
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

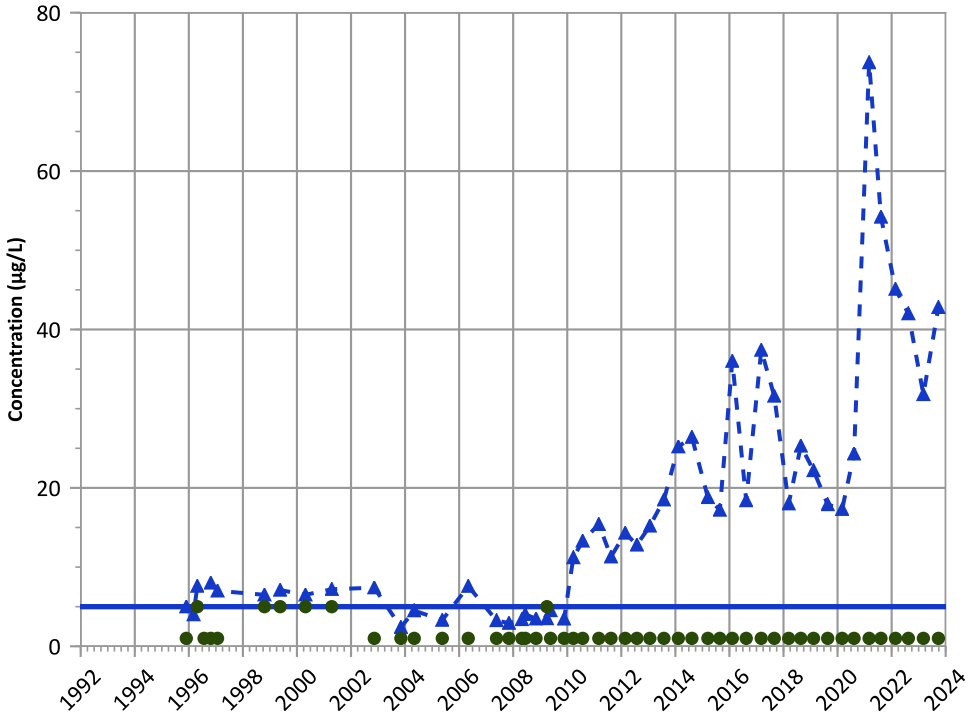
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

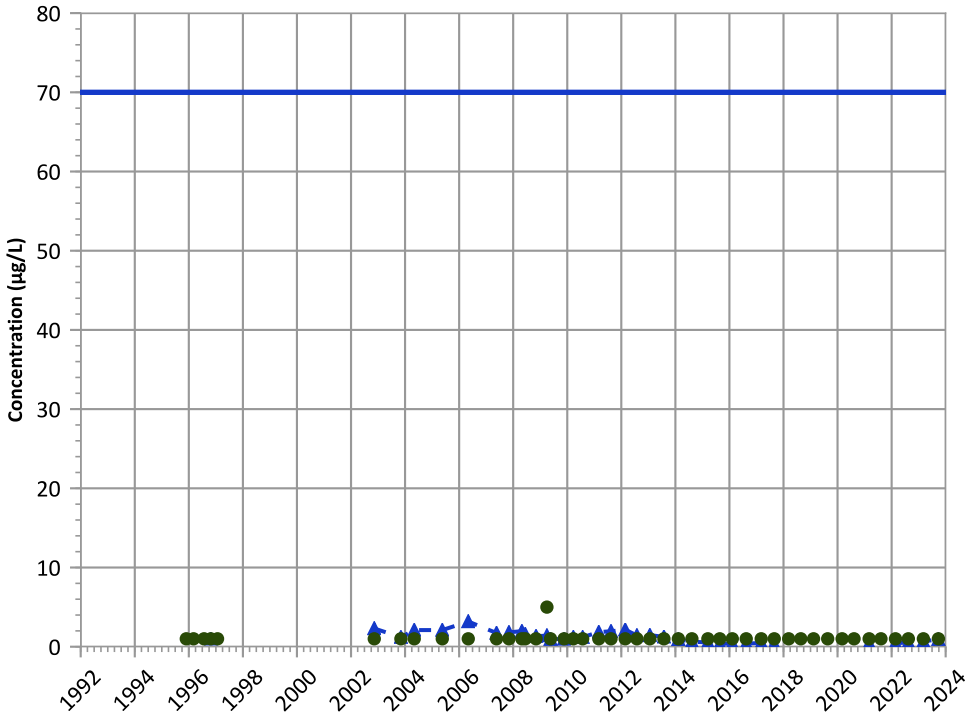


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

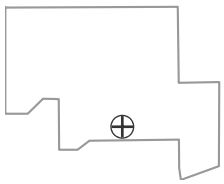
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

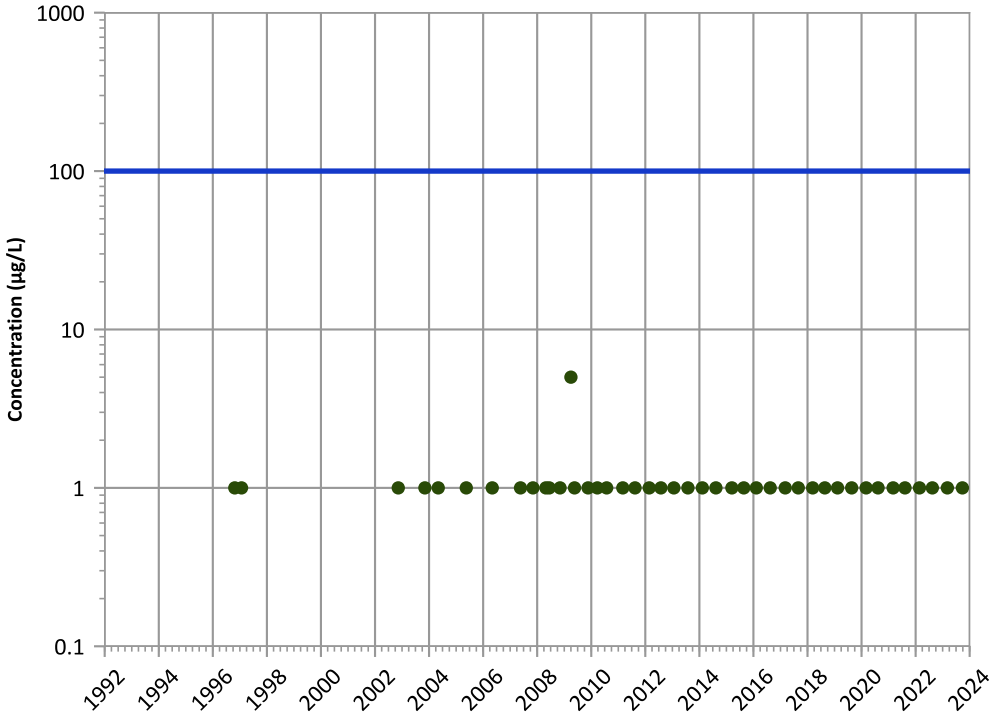
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

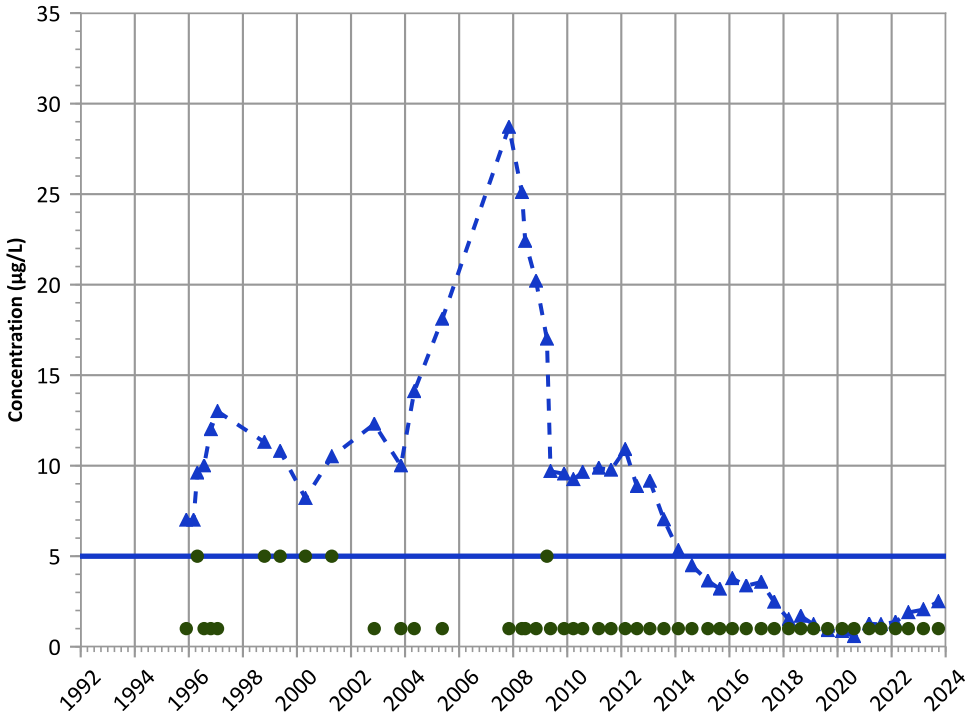


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

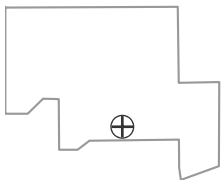
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

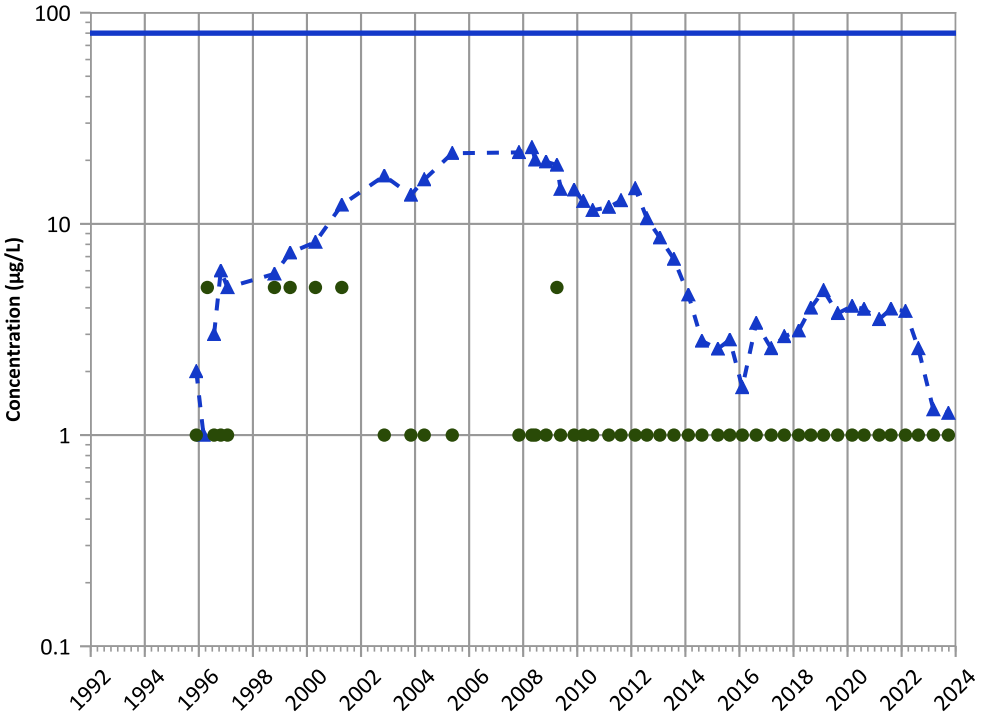
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

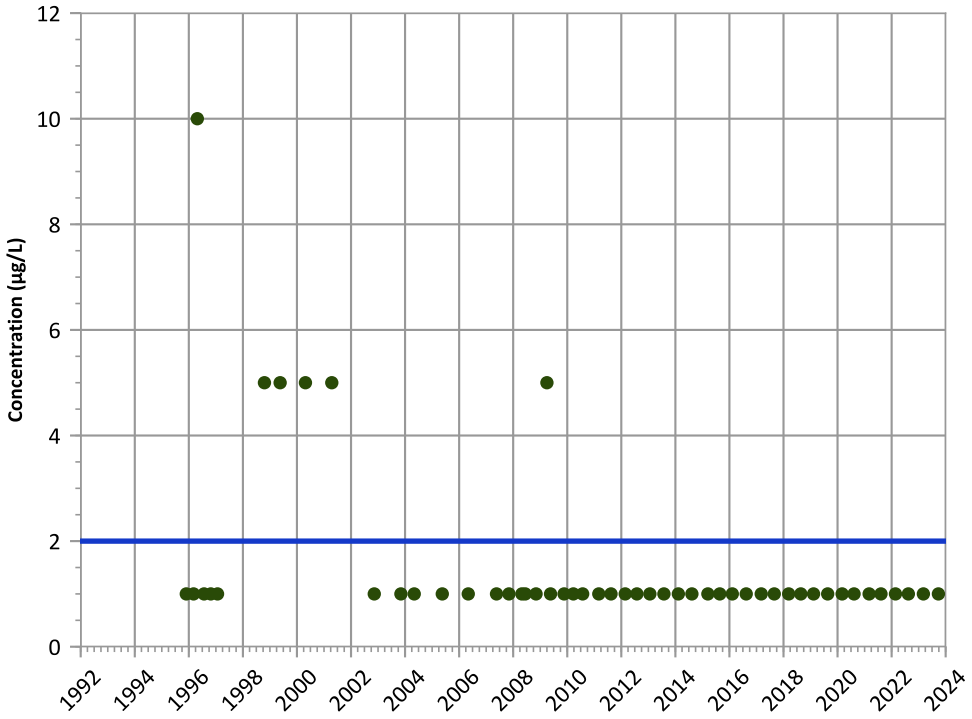


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Vinyl Chloride Trend



Concentration Trend

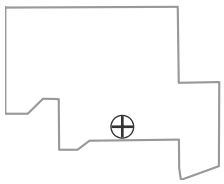
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

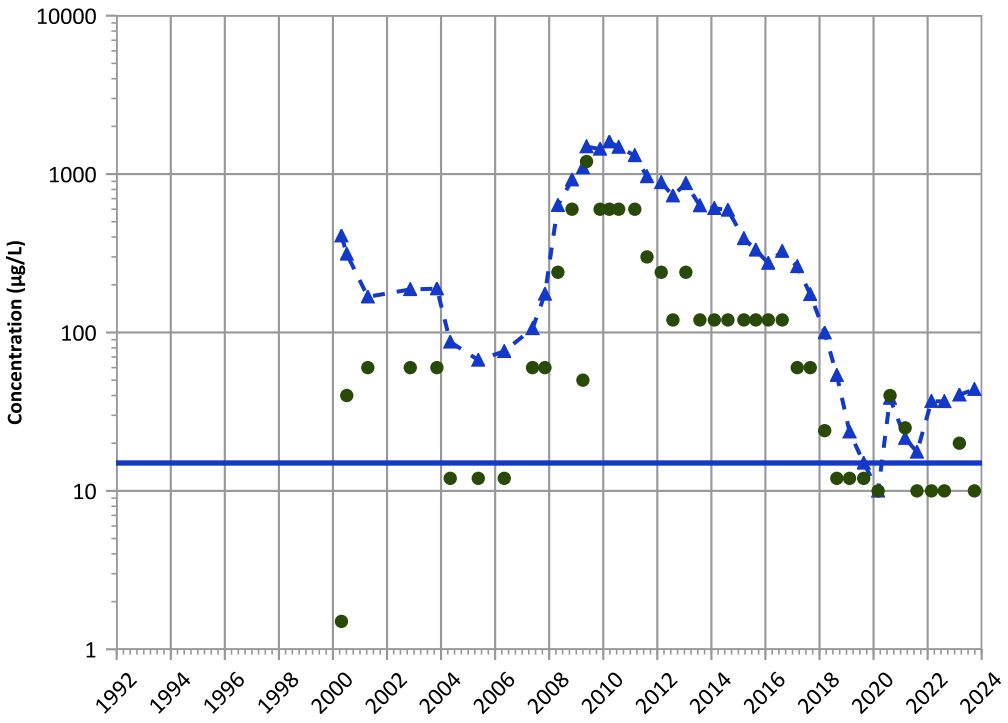
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

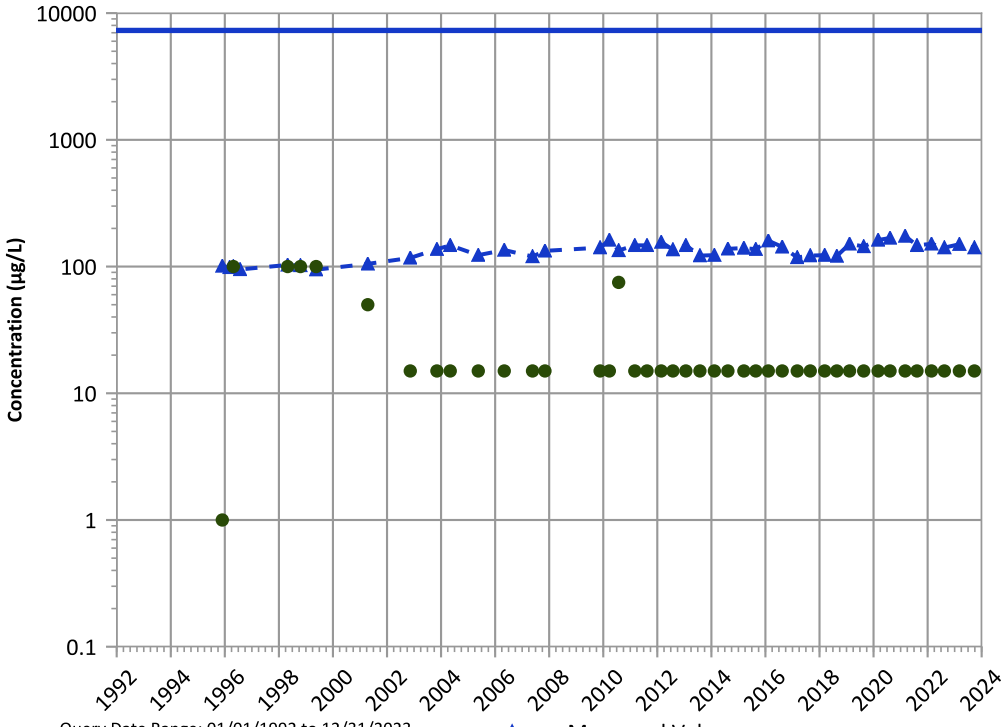


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

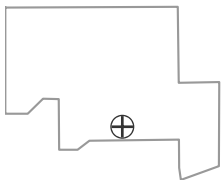
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

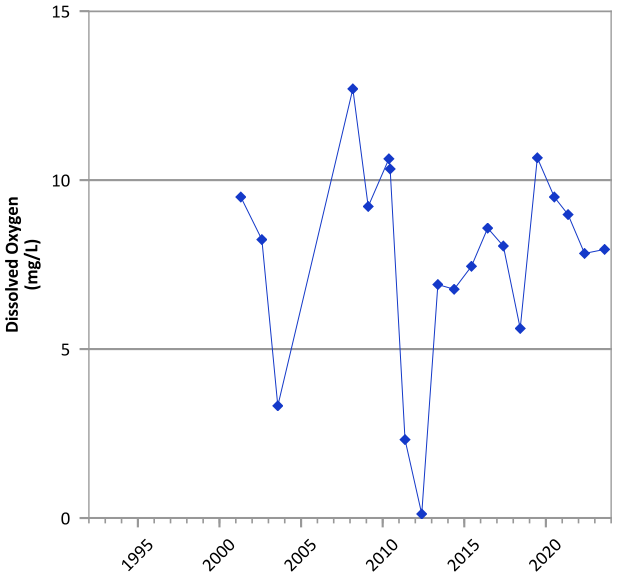
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/28/1995 to 09/25/2023
Analysis Date: 04/01/2024

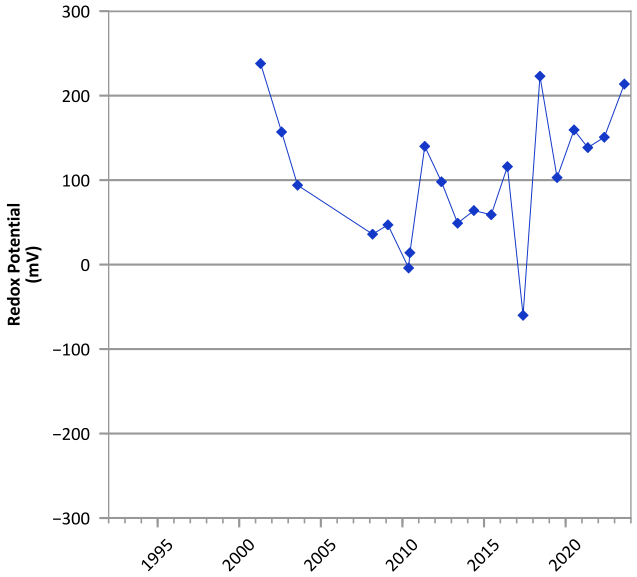
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

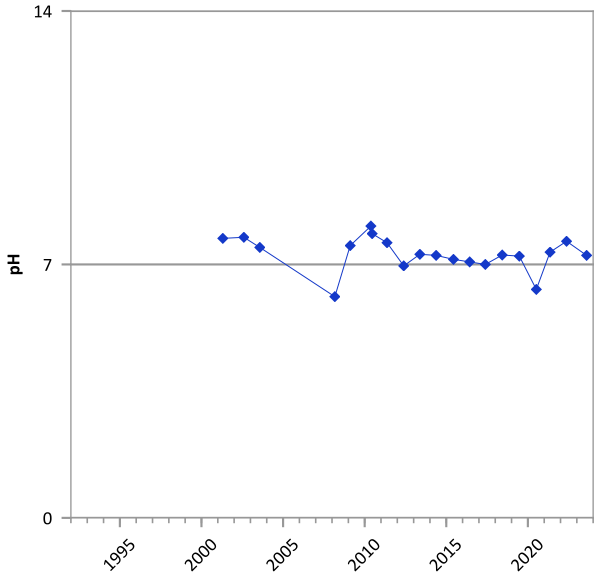
Well Location

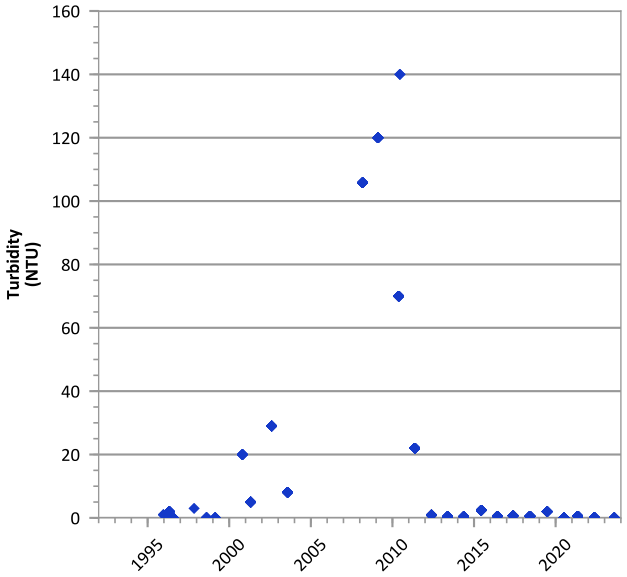


PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

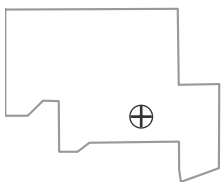






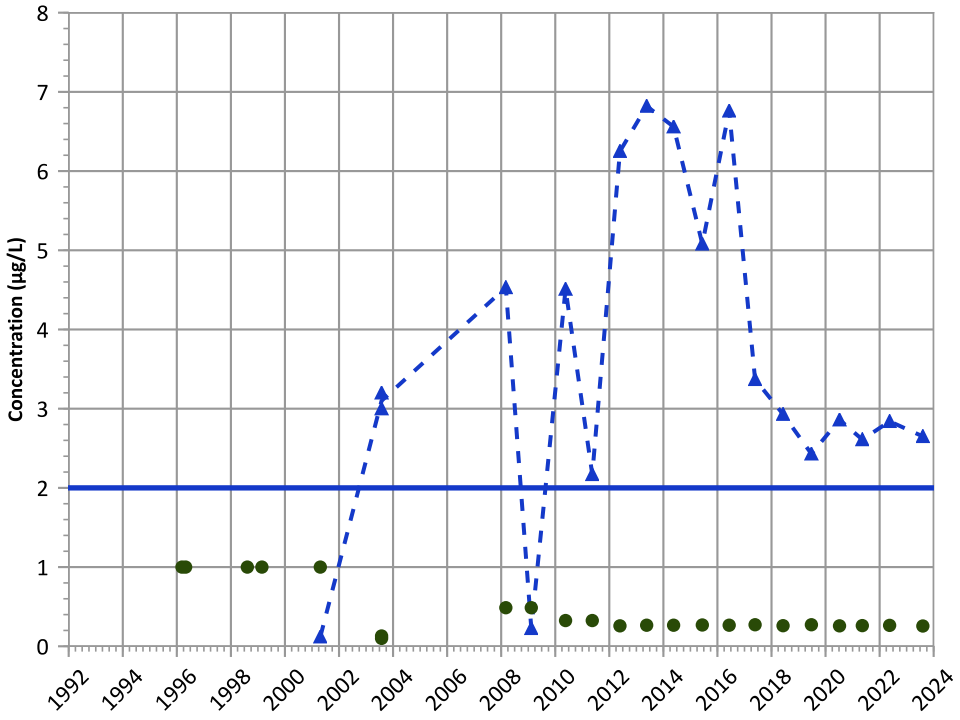


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

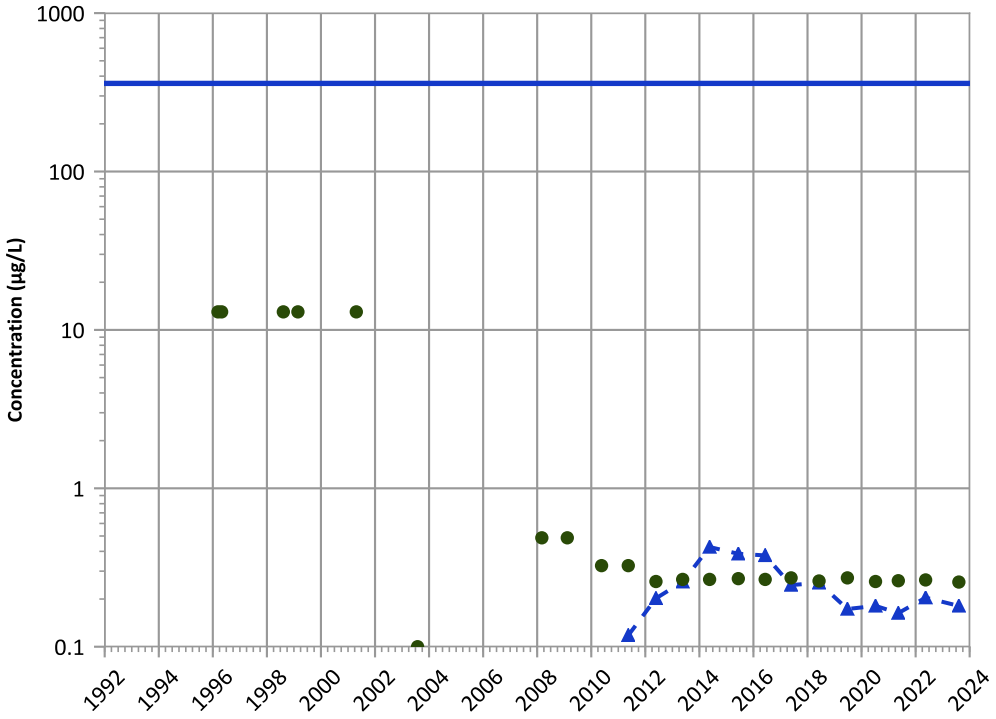


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

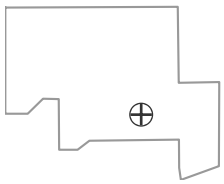
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

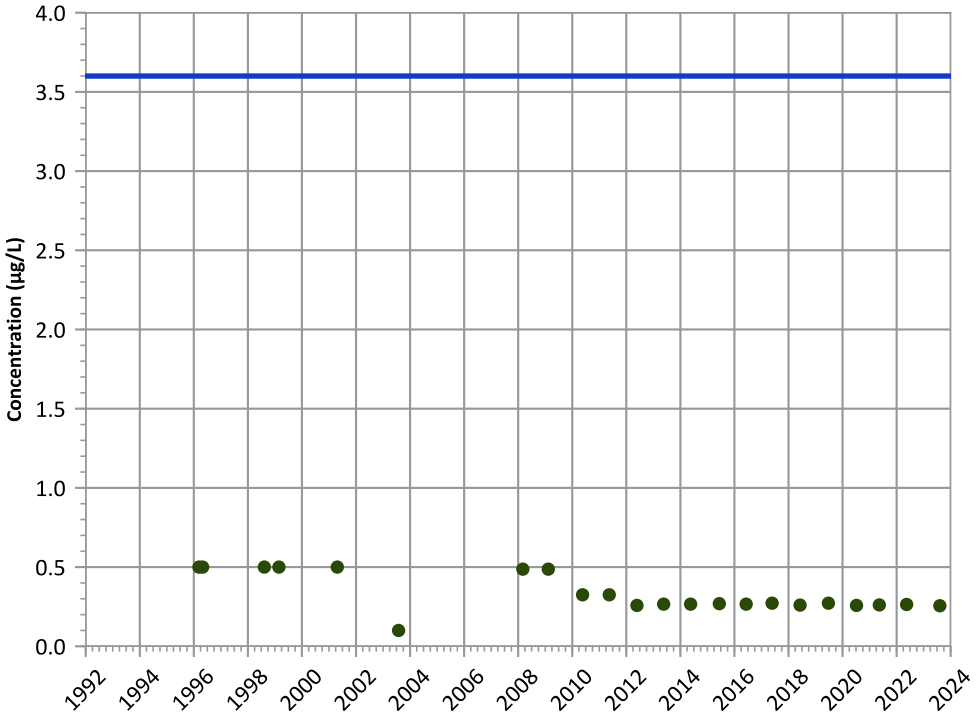
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

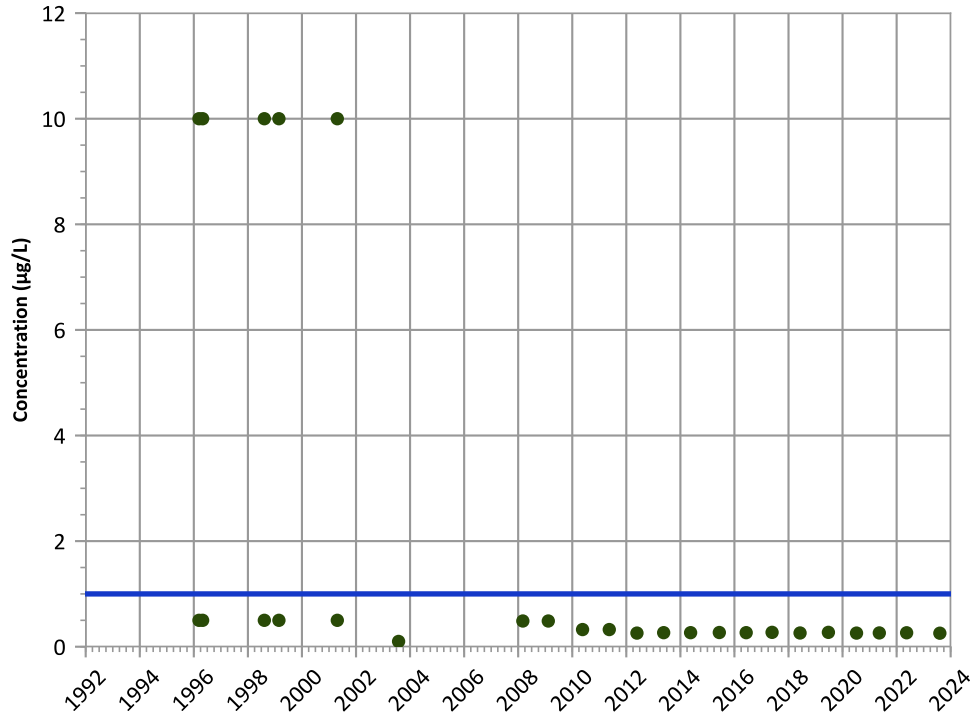


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

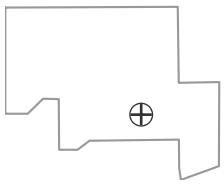
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

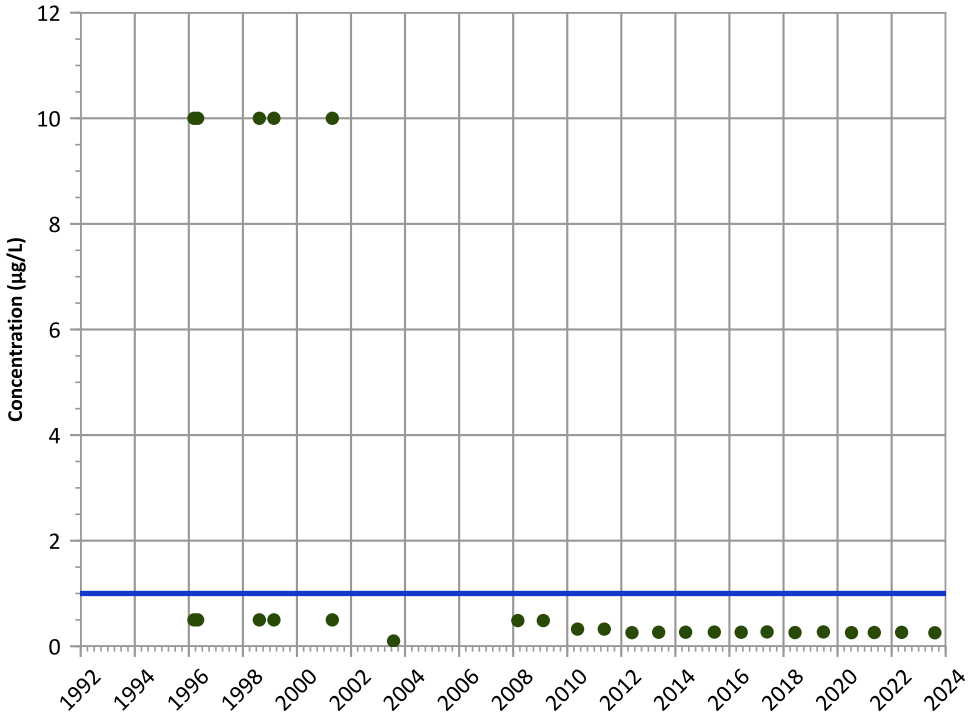
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

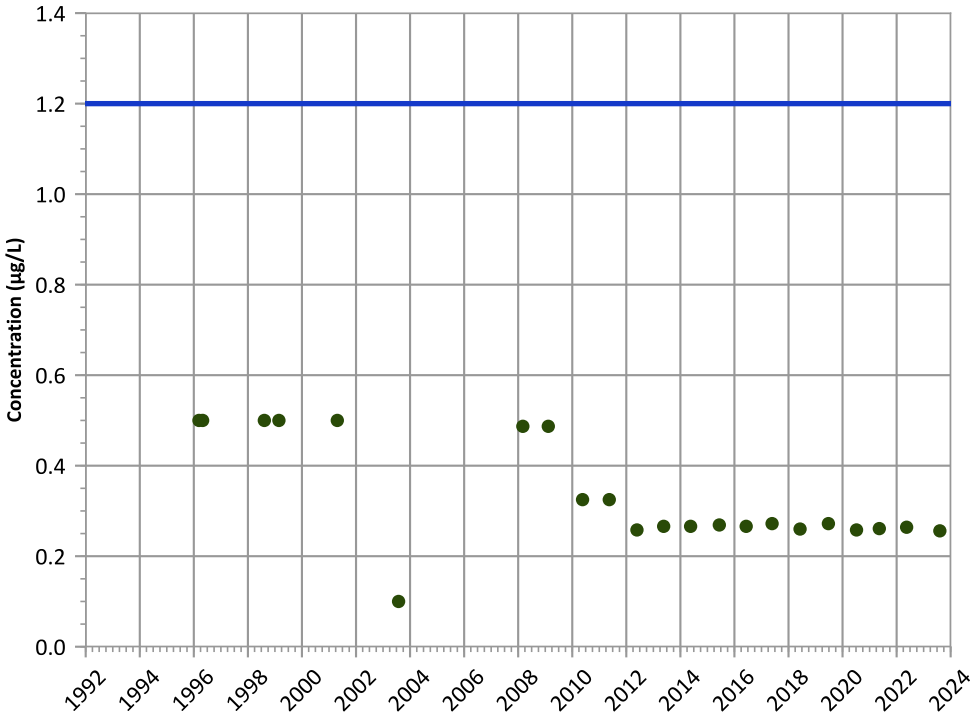


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

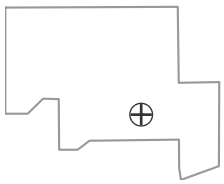
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

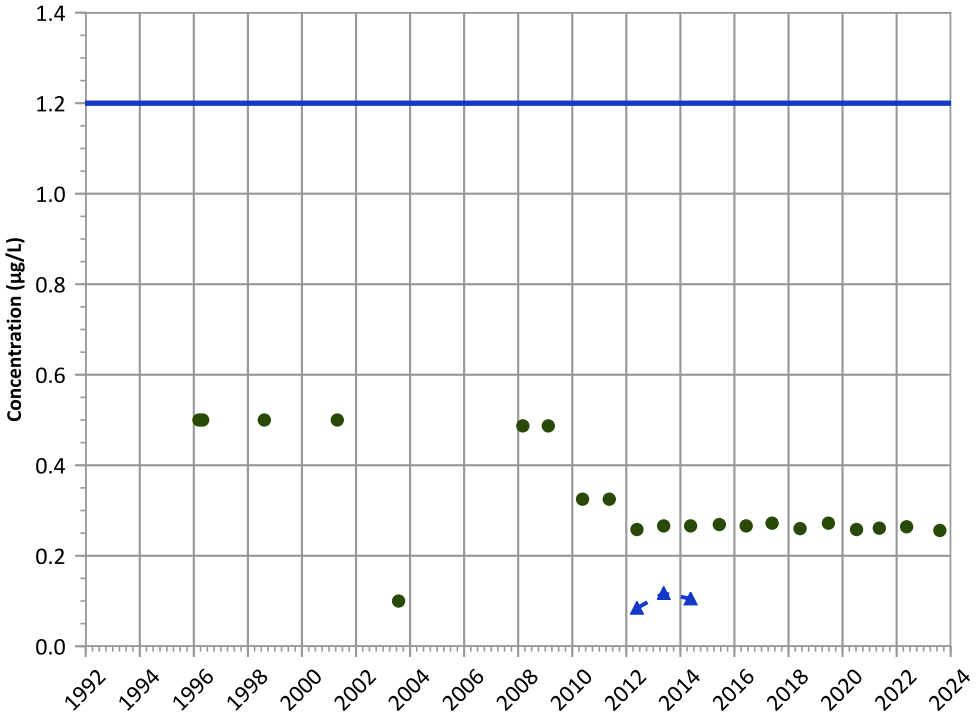
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

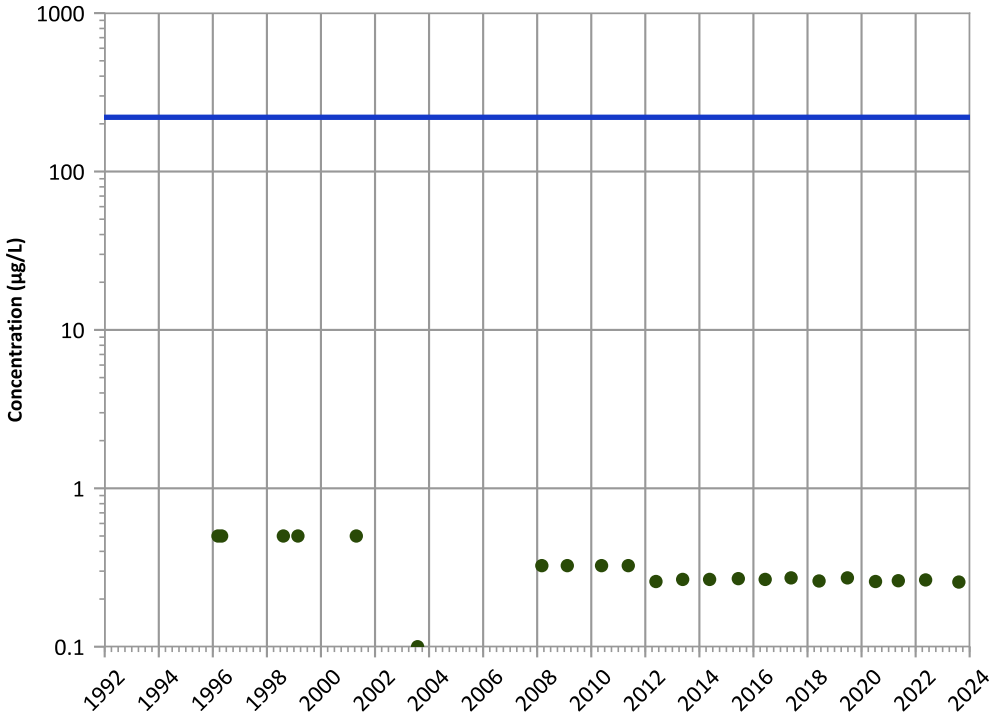


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

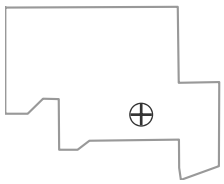
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

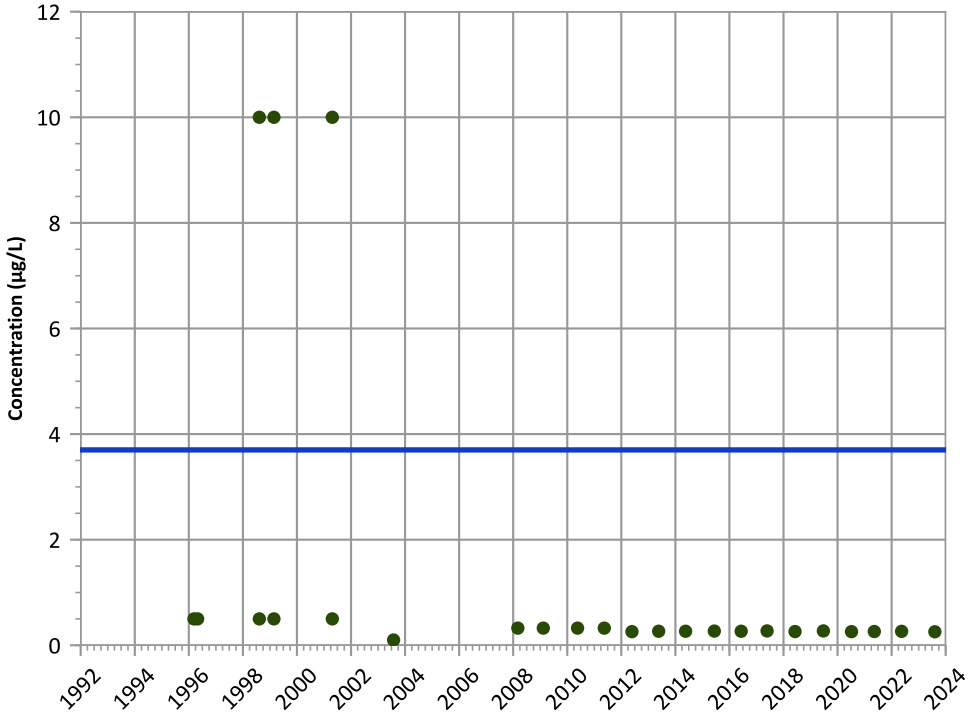
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

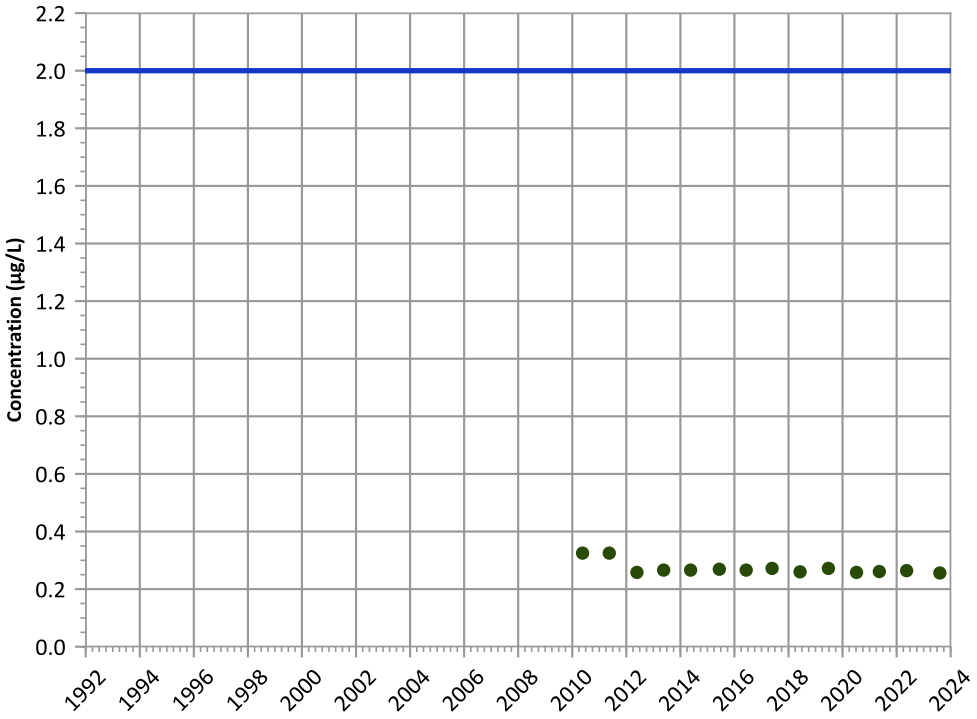


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

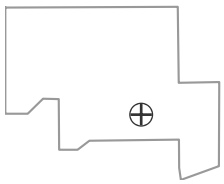
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

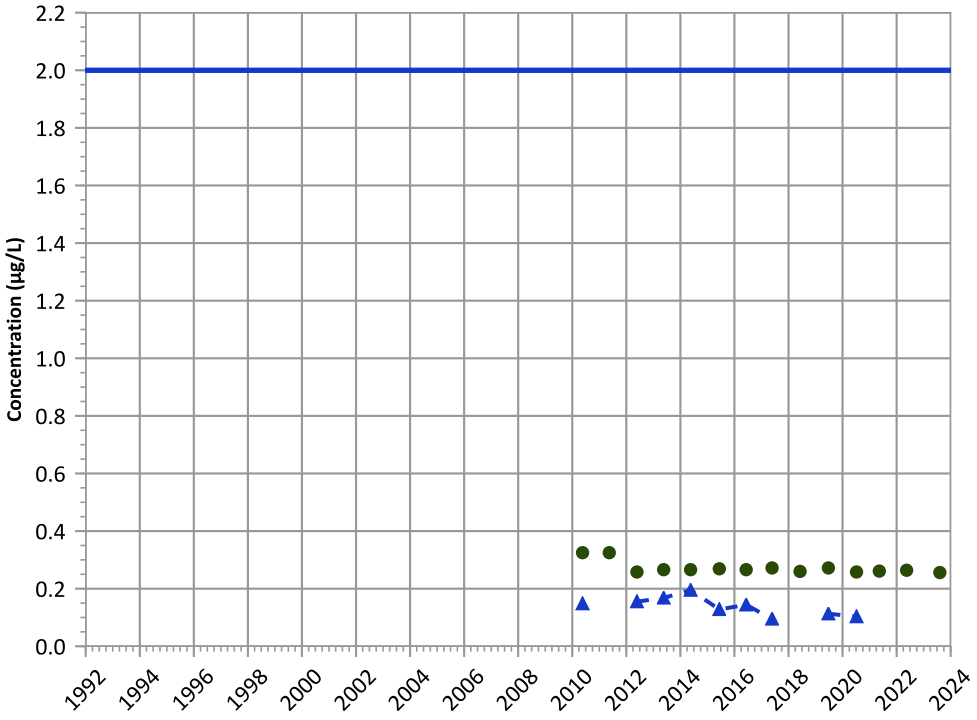
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

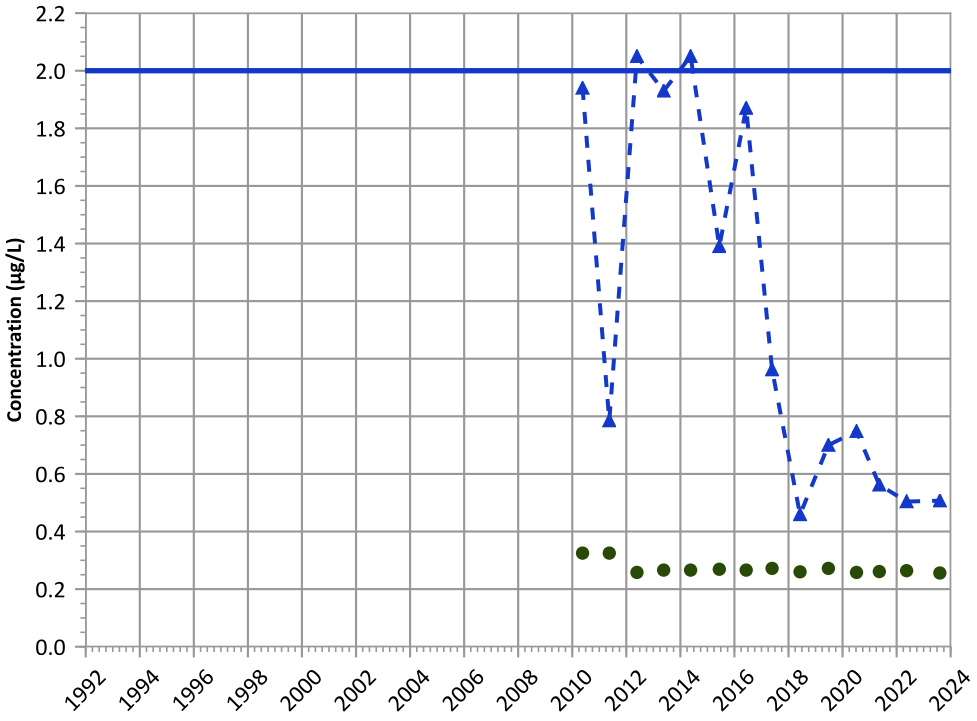


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

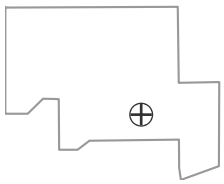
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

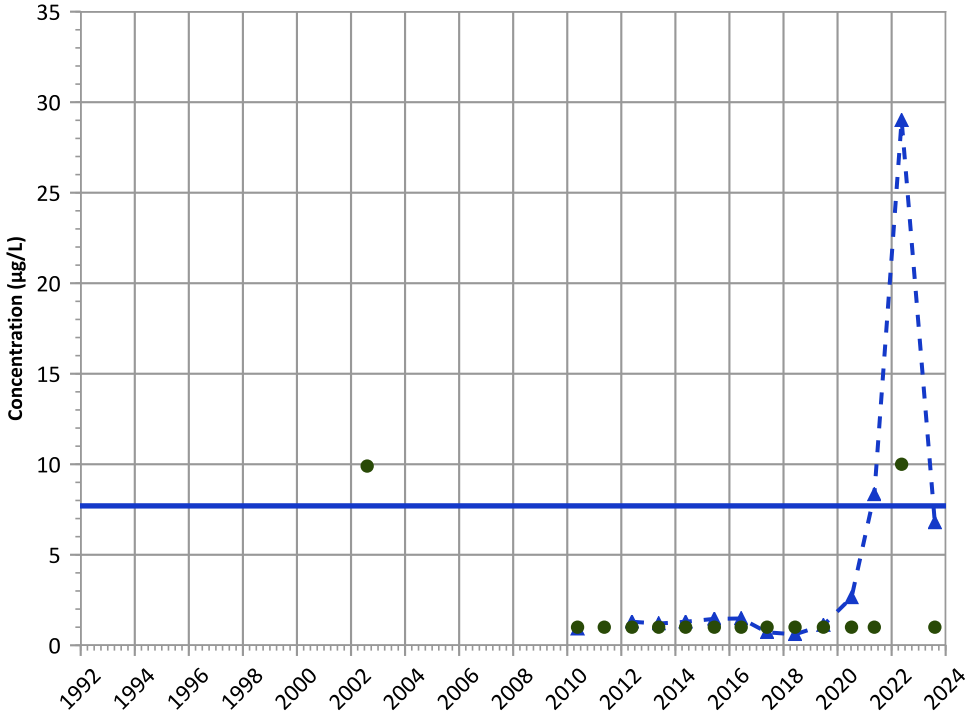
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

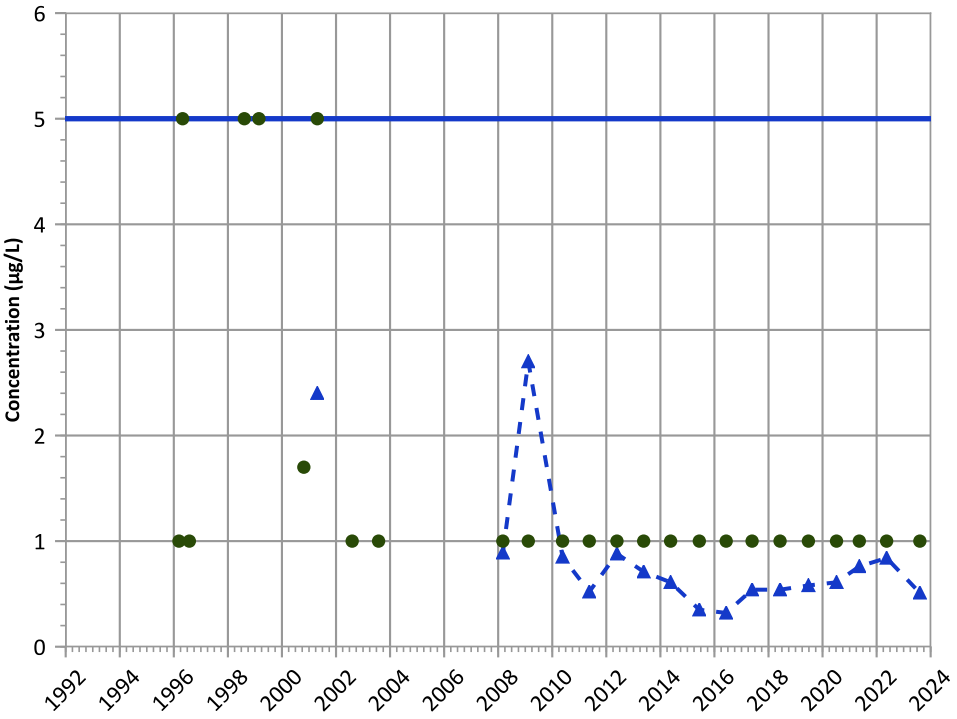


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

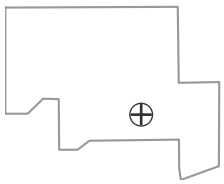
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

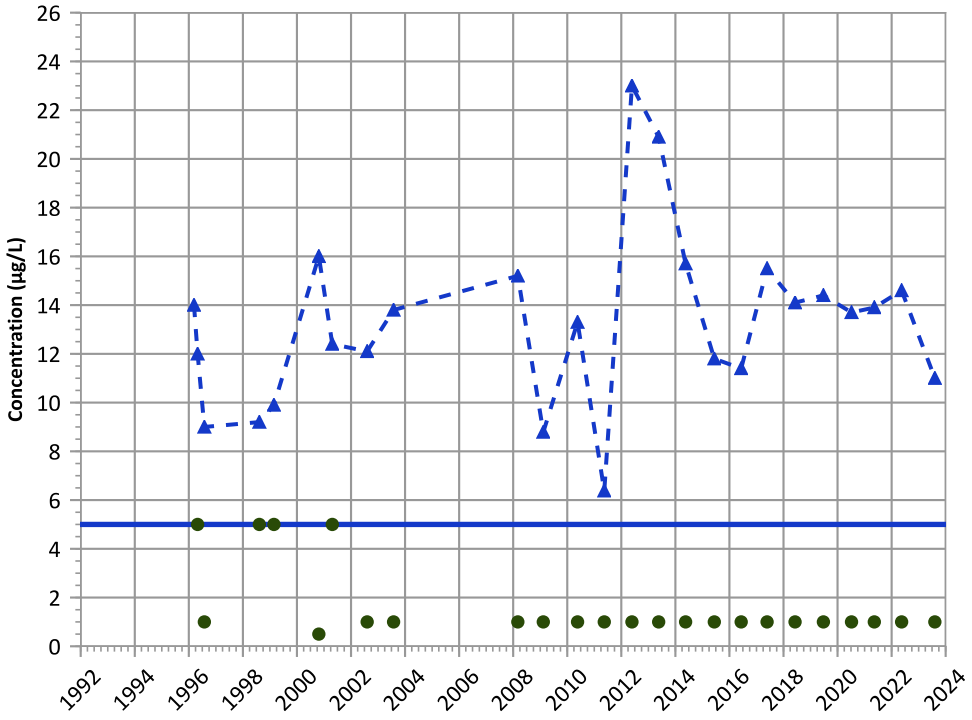
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

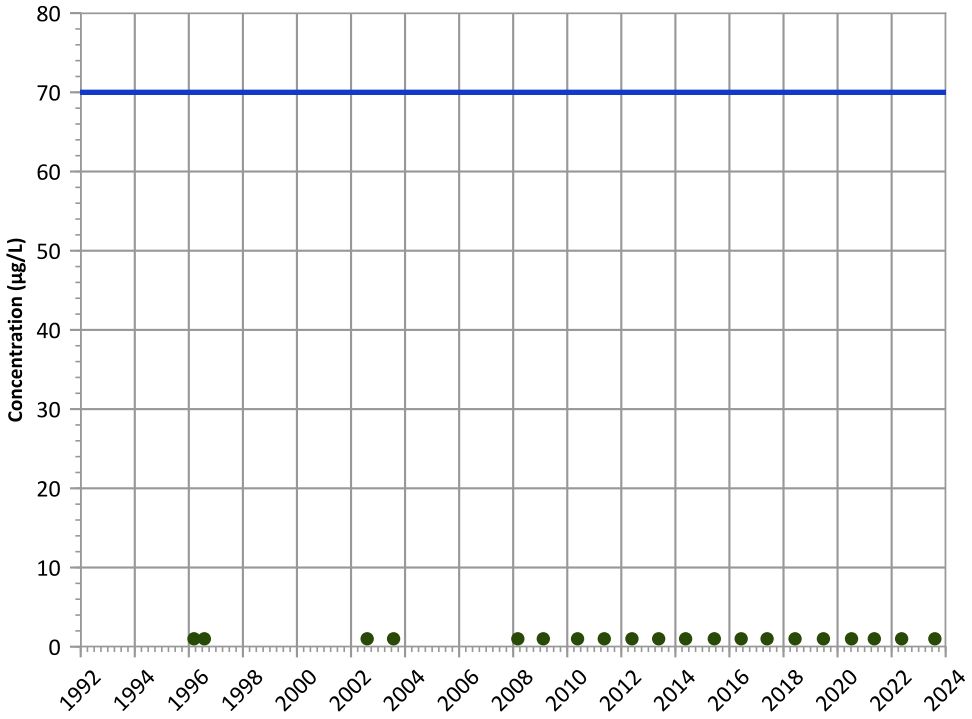


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

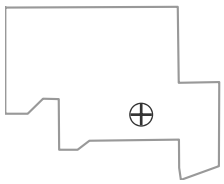
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

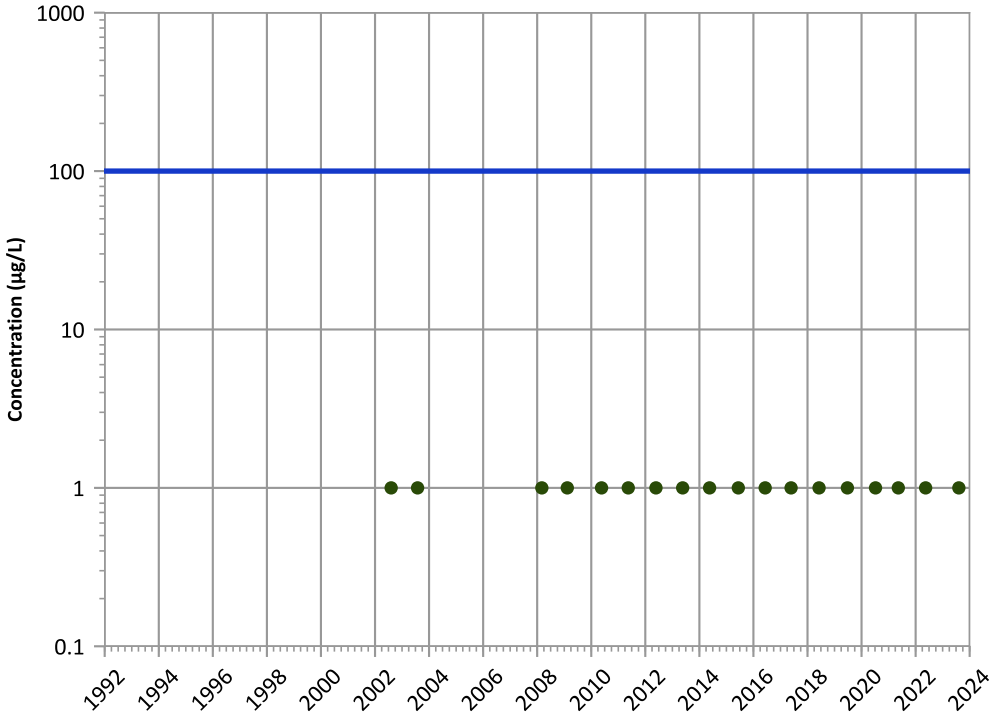
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

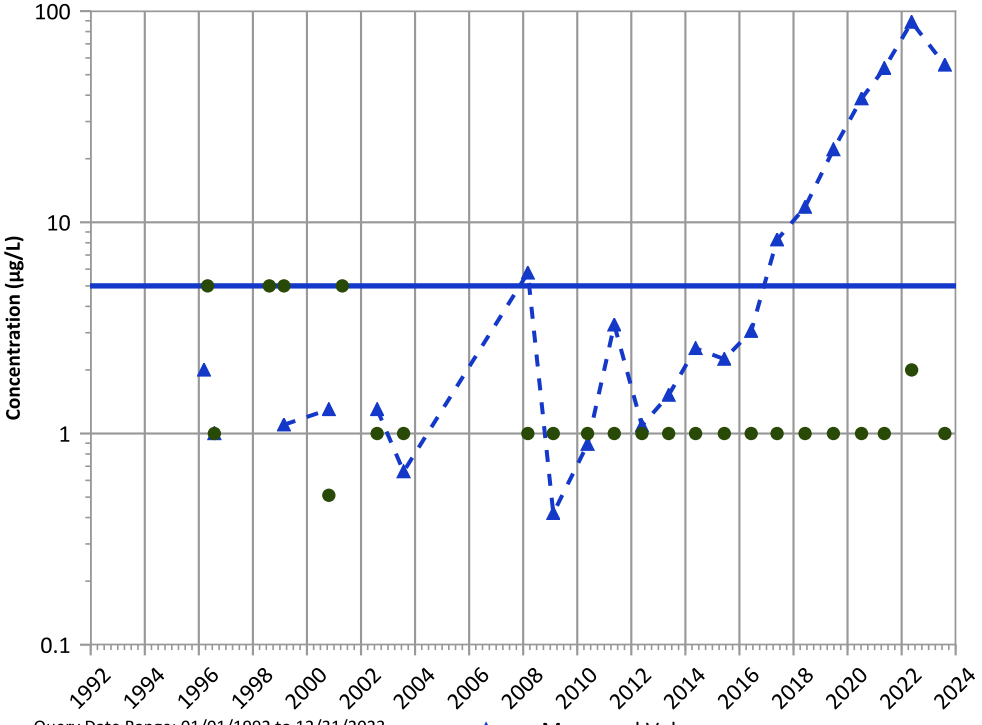


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

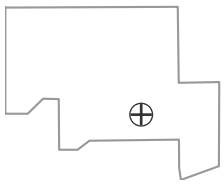
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

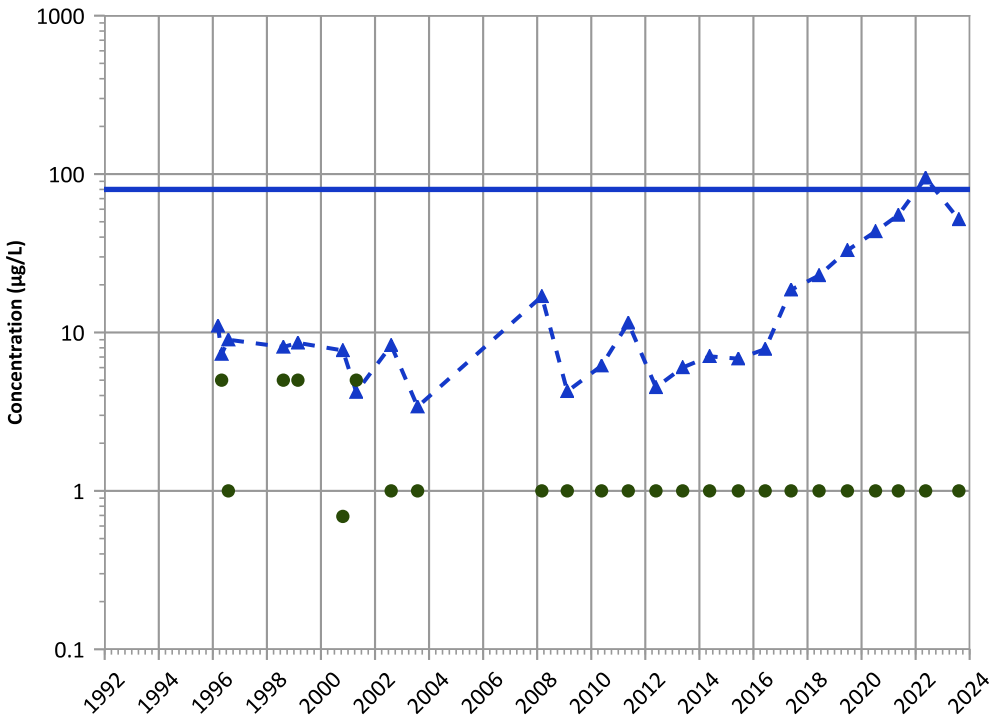
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

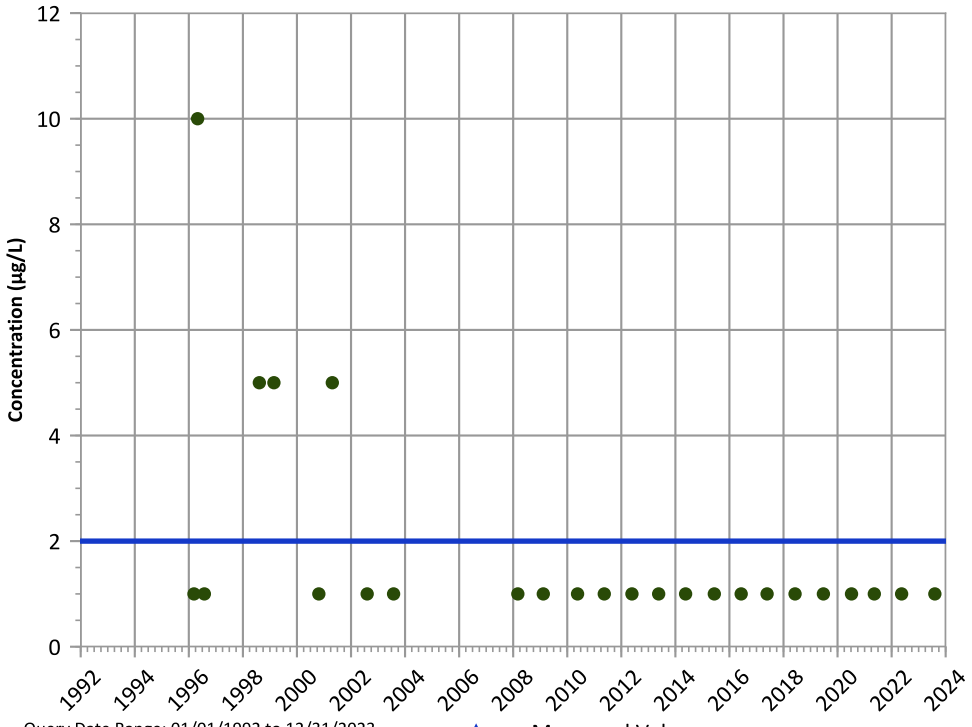


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

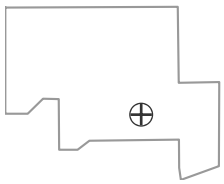
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

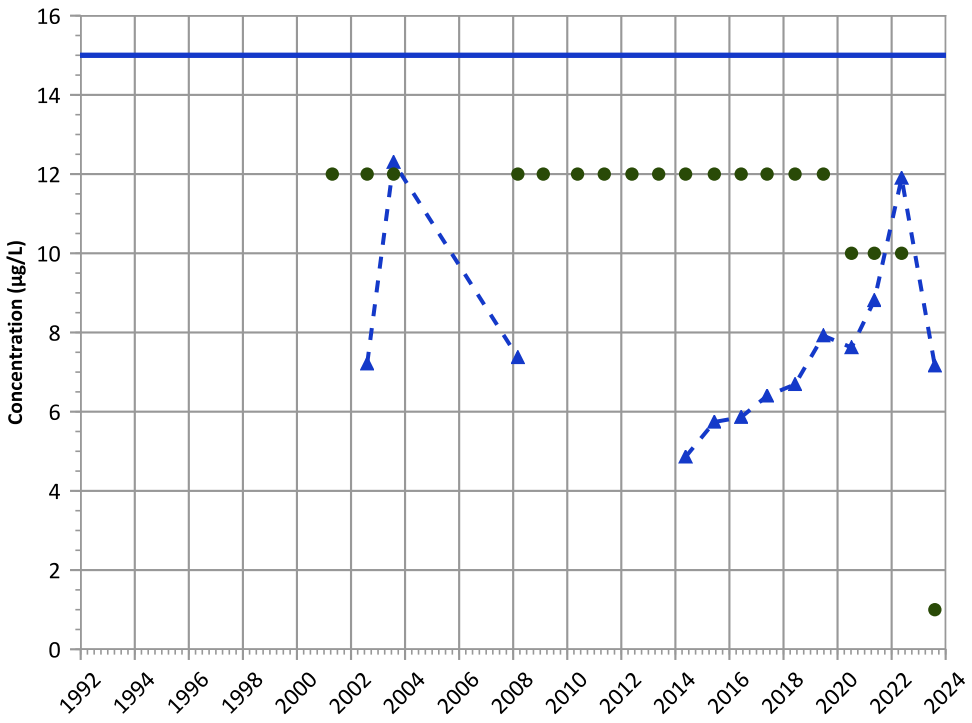
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

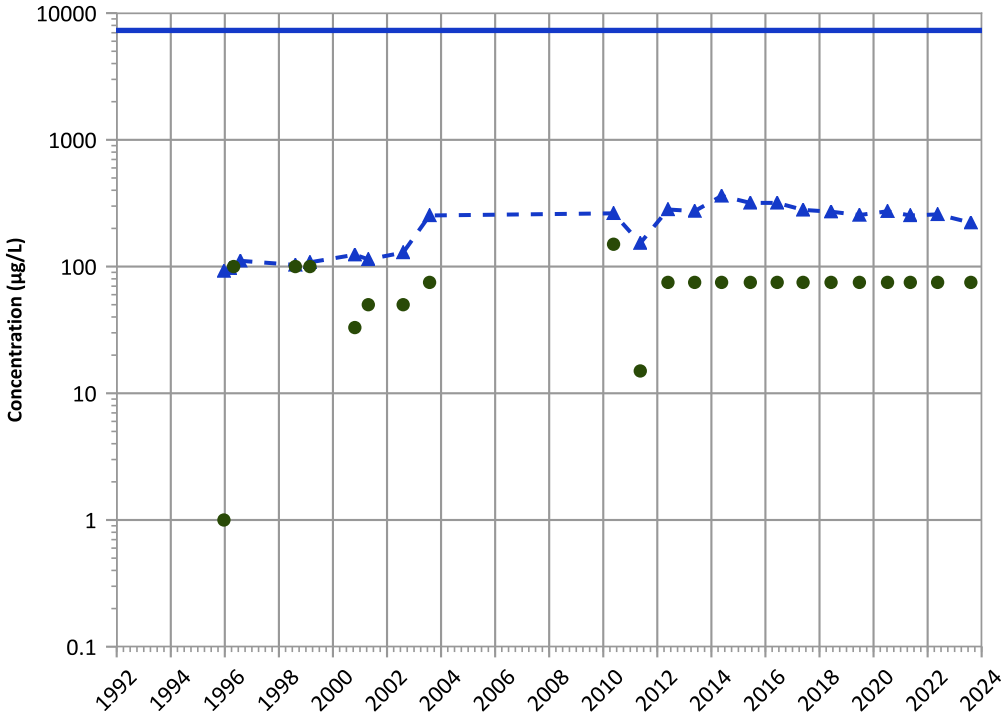


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

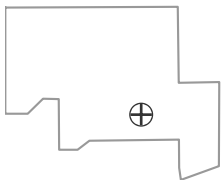
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

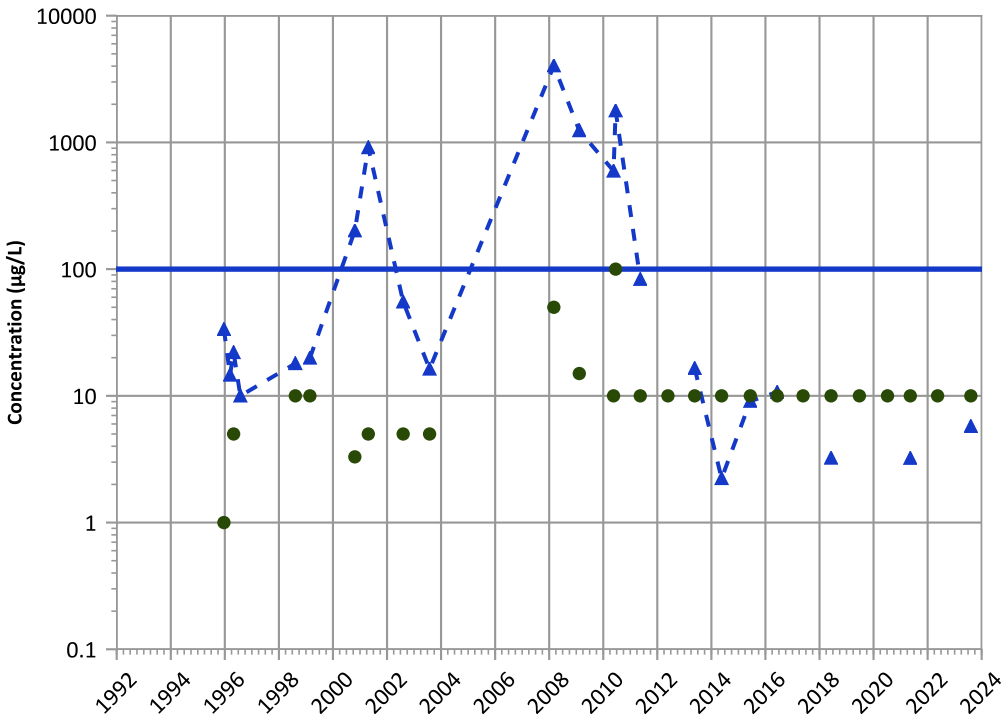
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

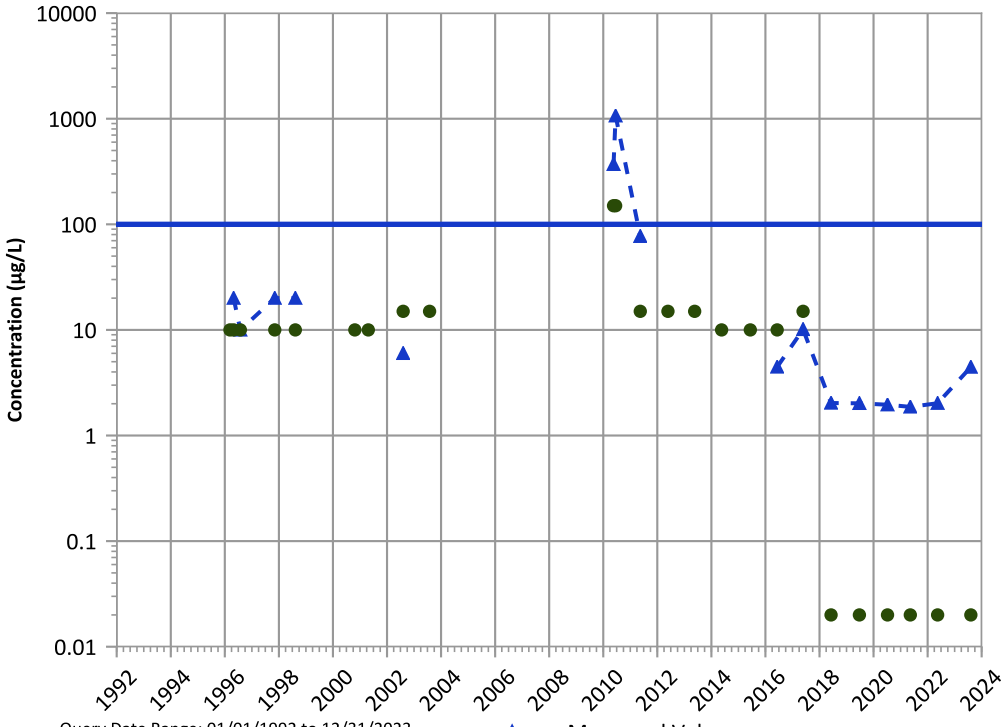


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

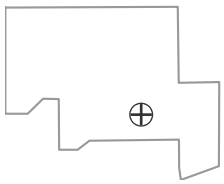
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

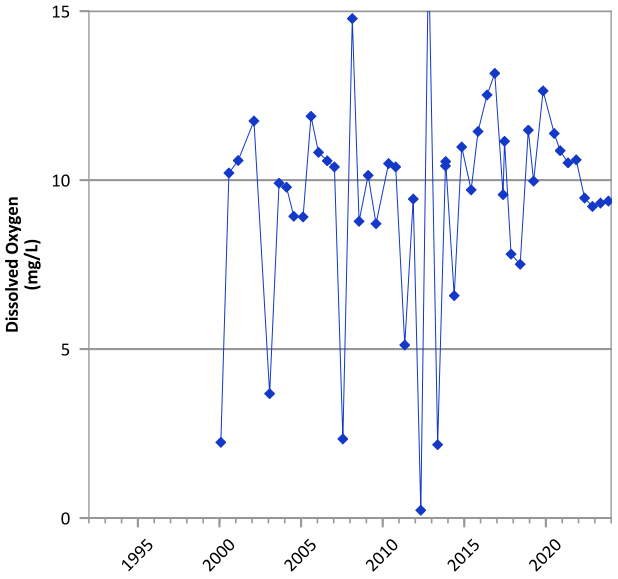
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/20/1995 to 08/08/2023
Analysis Date: 04/01/2024

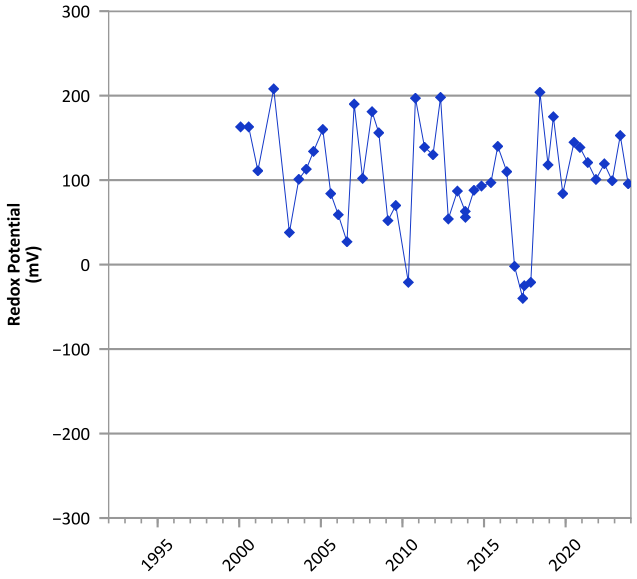
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

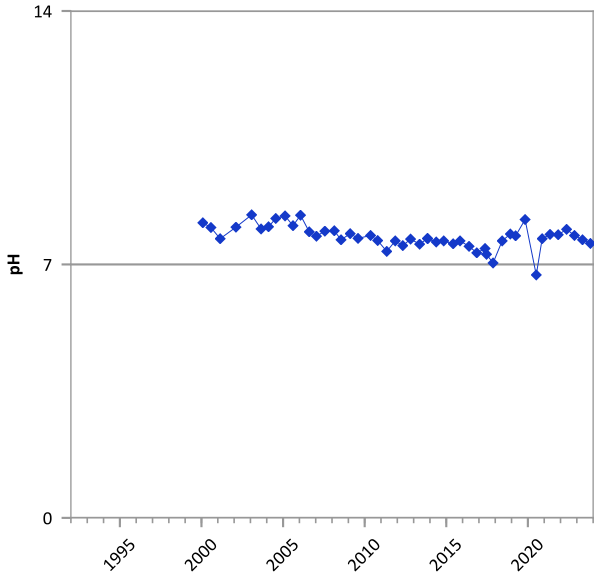
Well Location

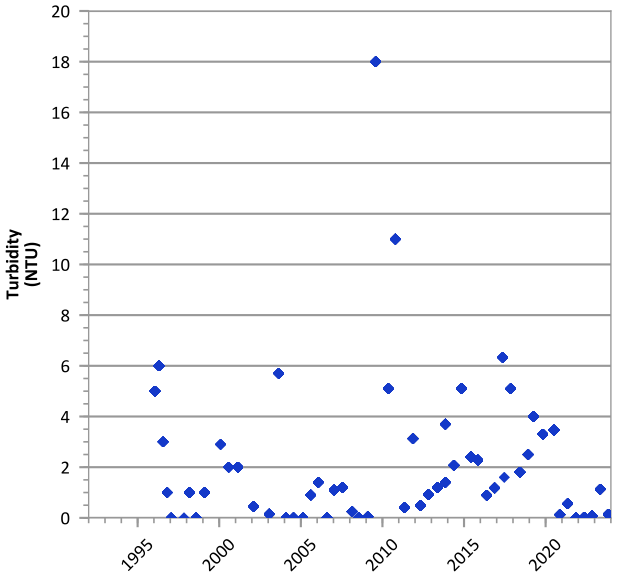


PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

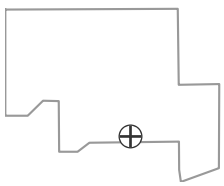






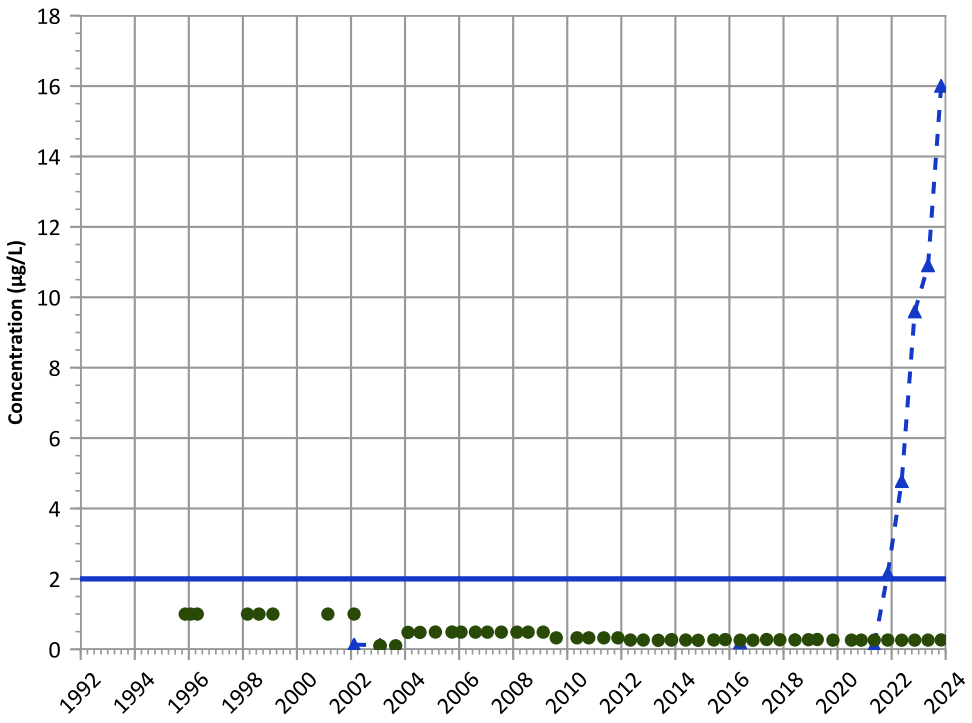


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

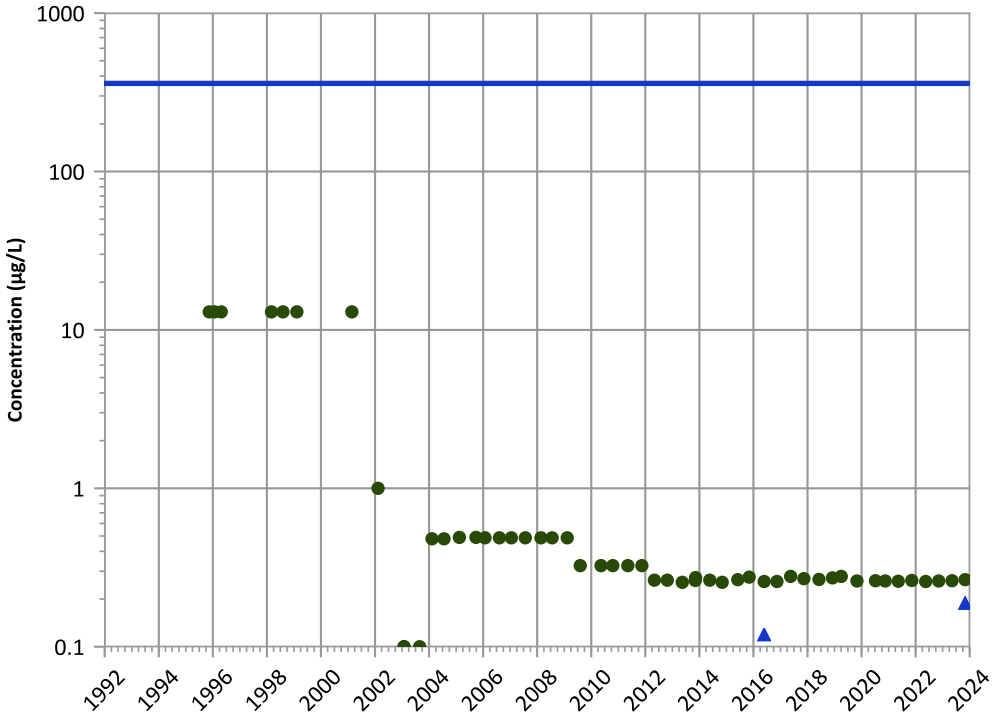


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

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



Concentration Trend

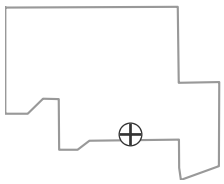
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

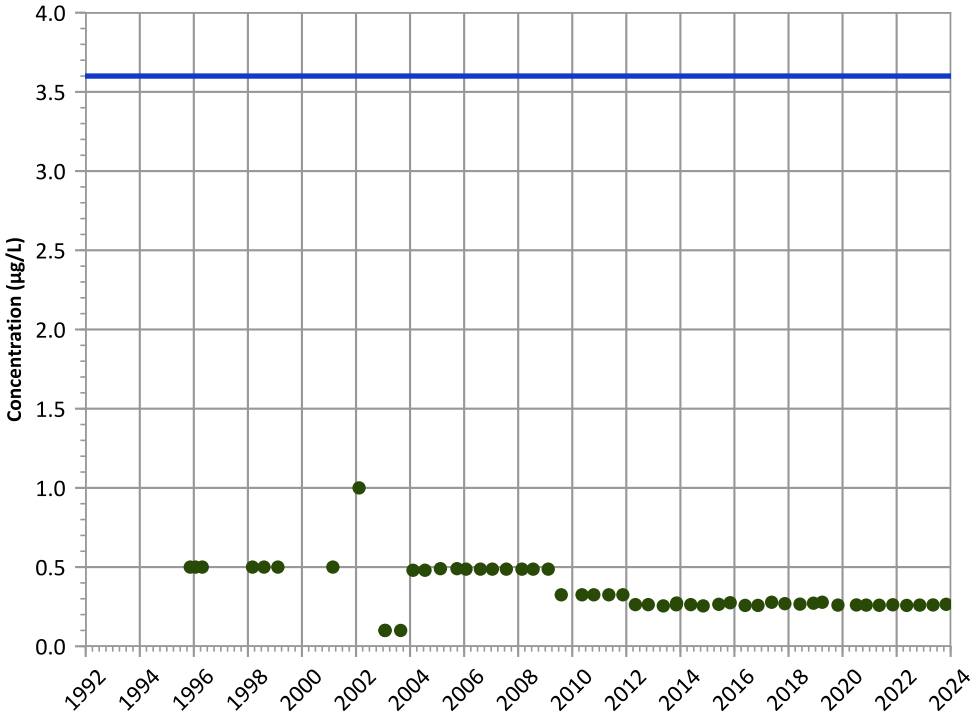
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

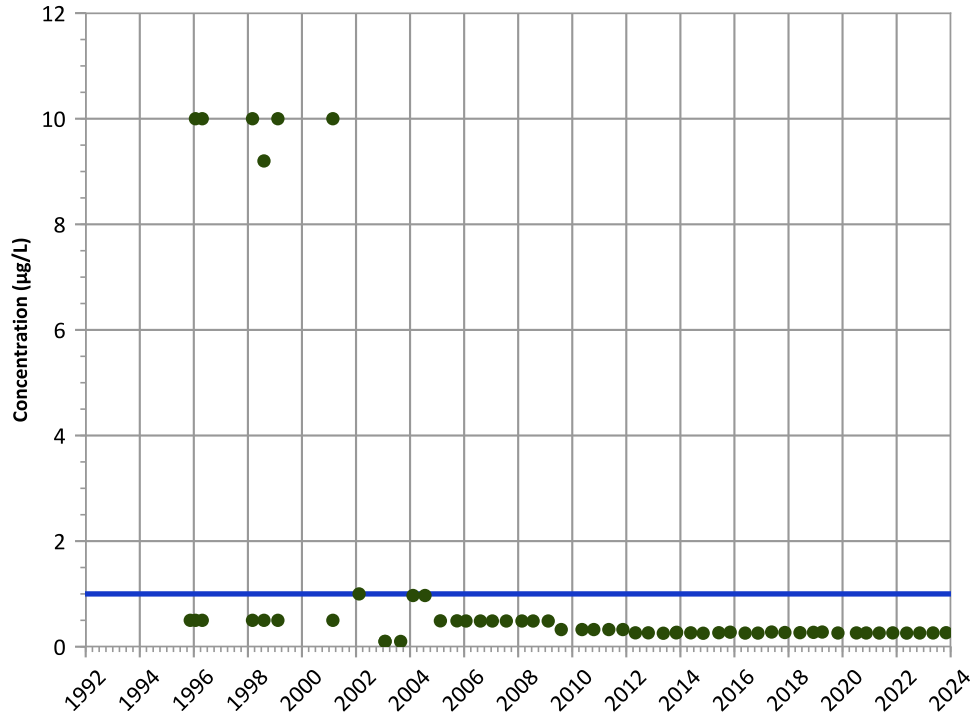


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

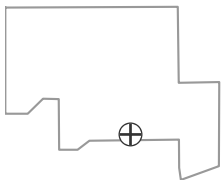
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

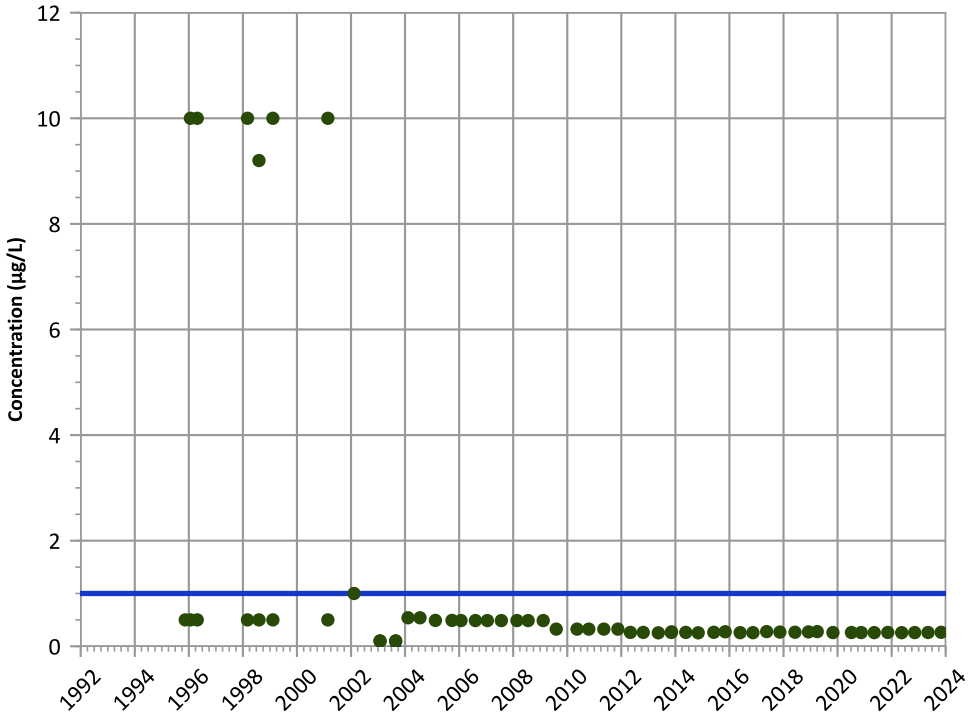
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

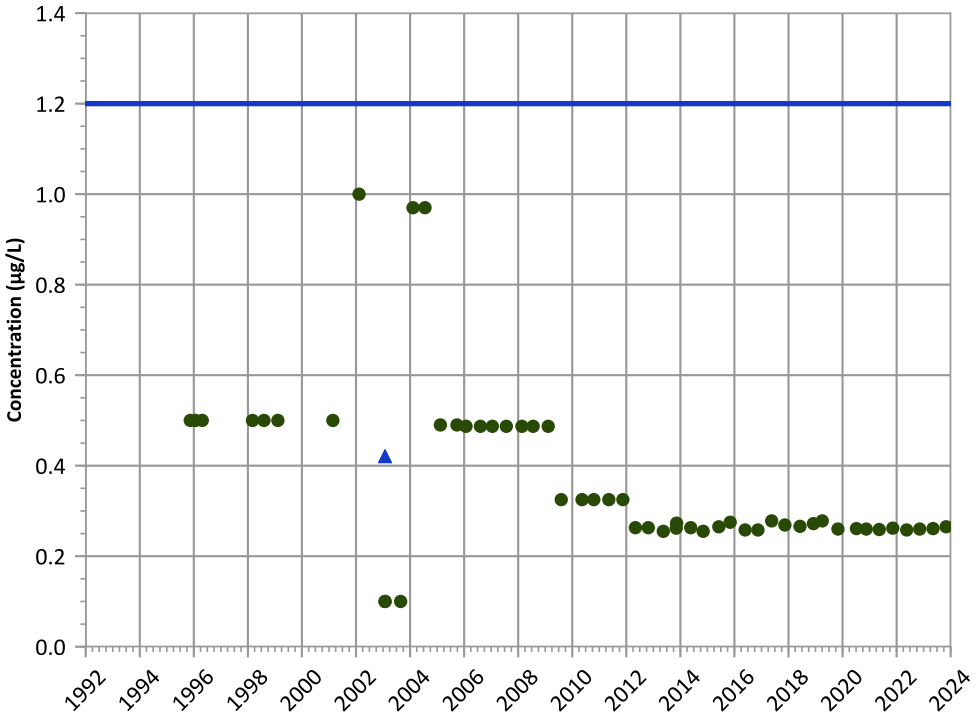


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

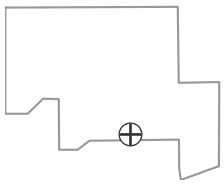
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

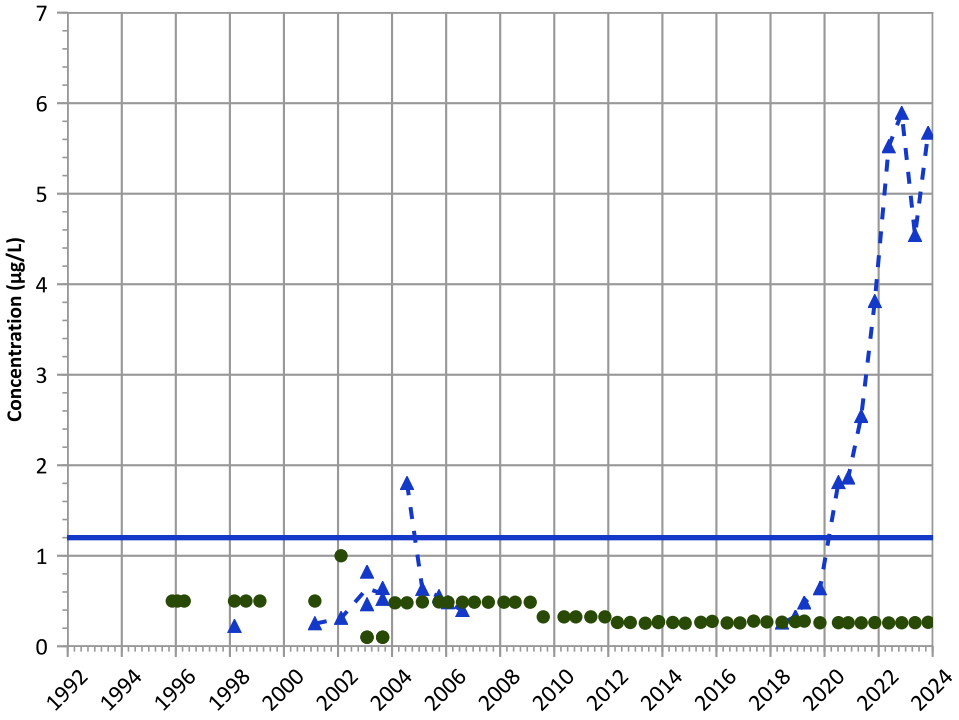
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

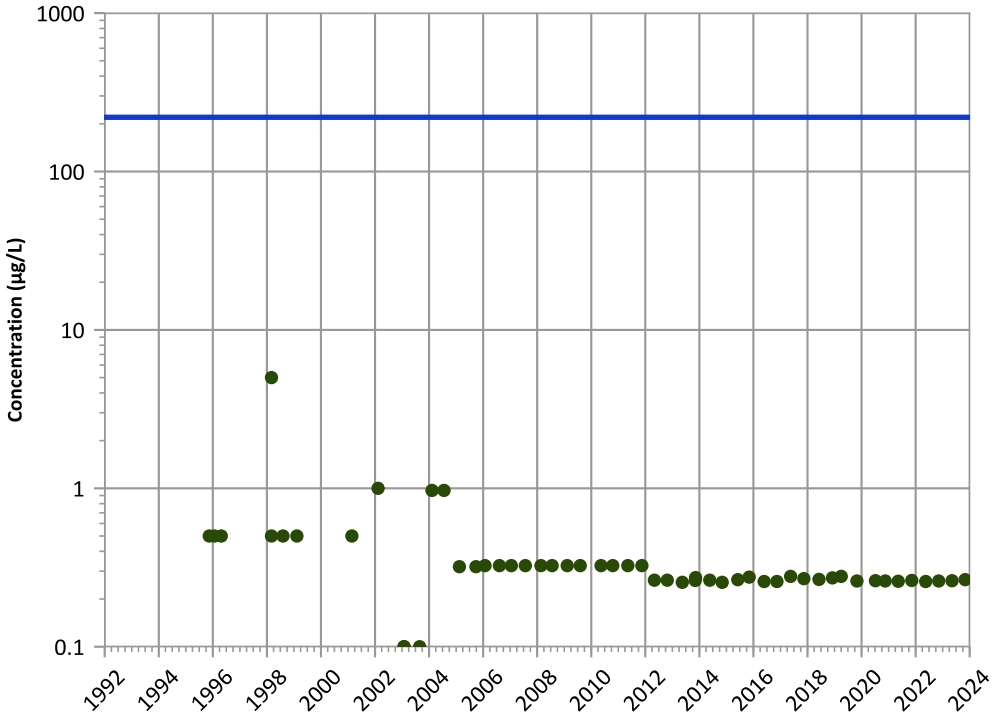


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

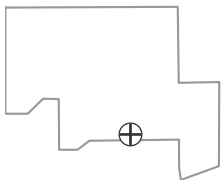
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

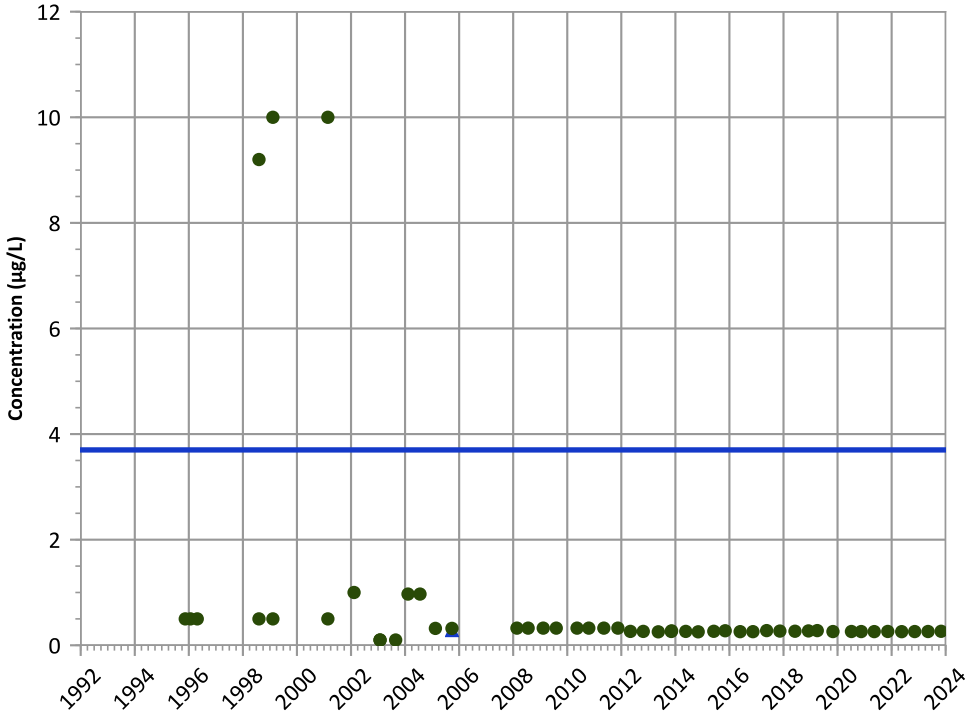
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

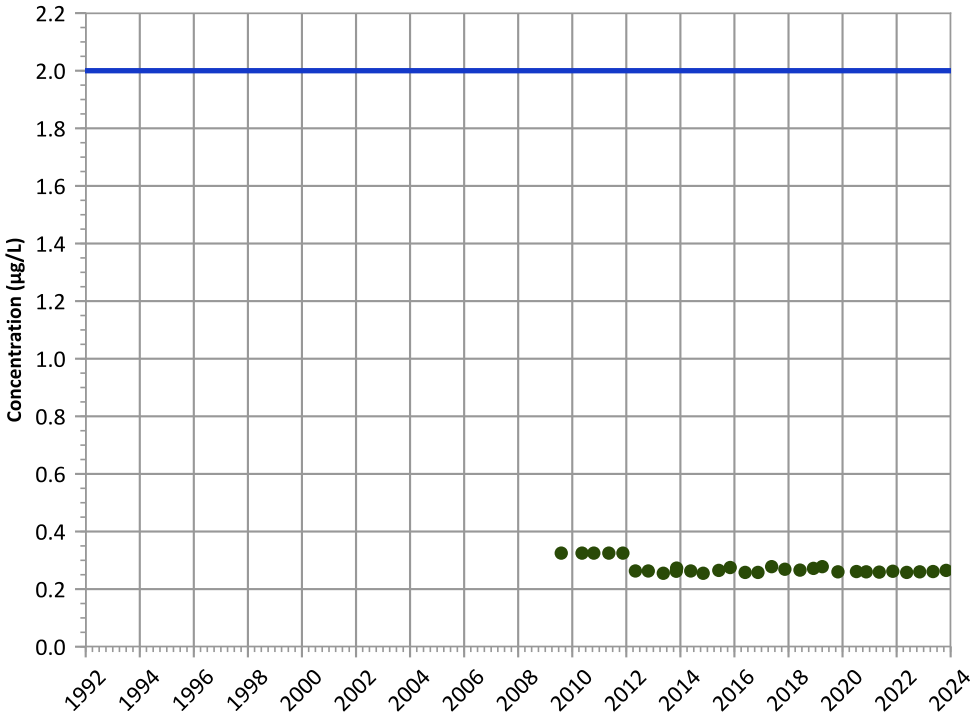


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

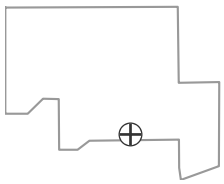
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

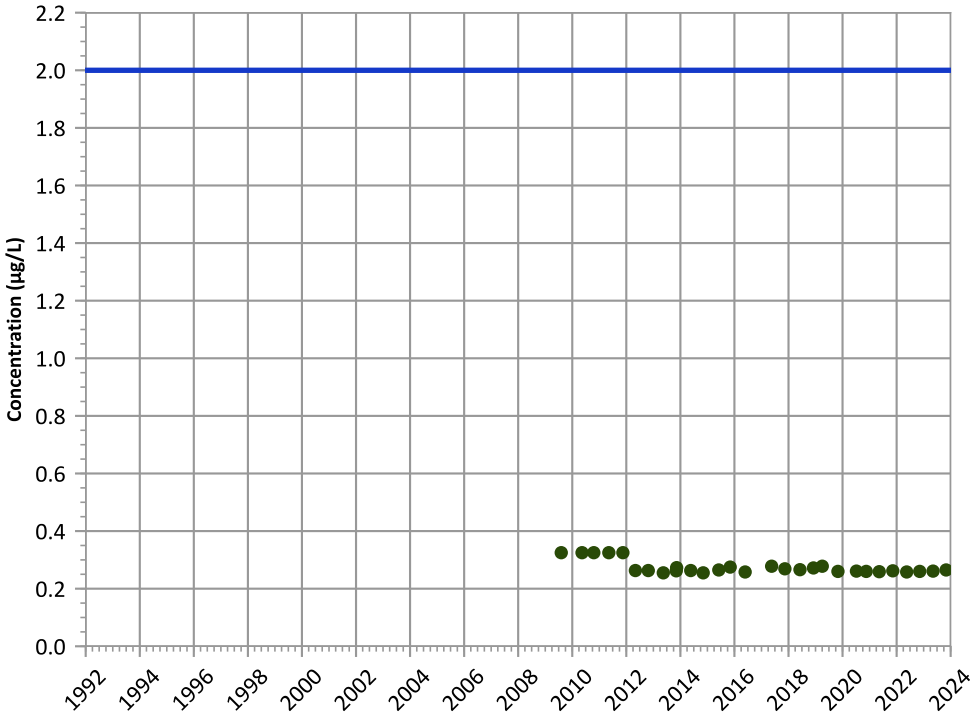
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

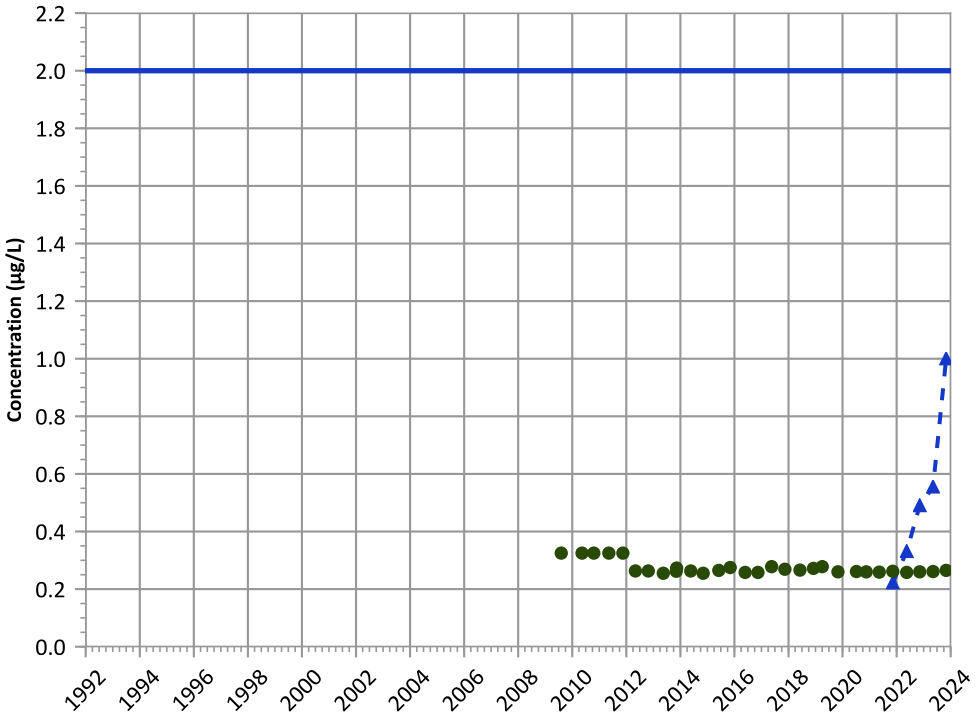


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

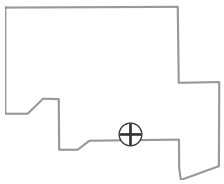
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

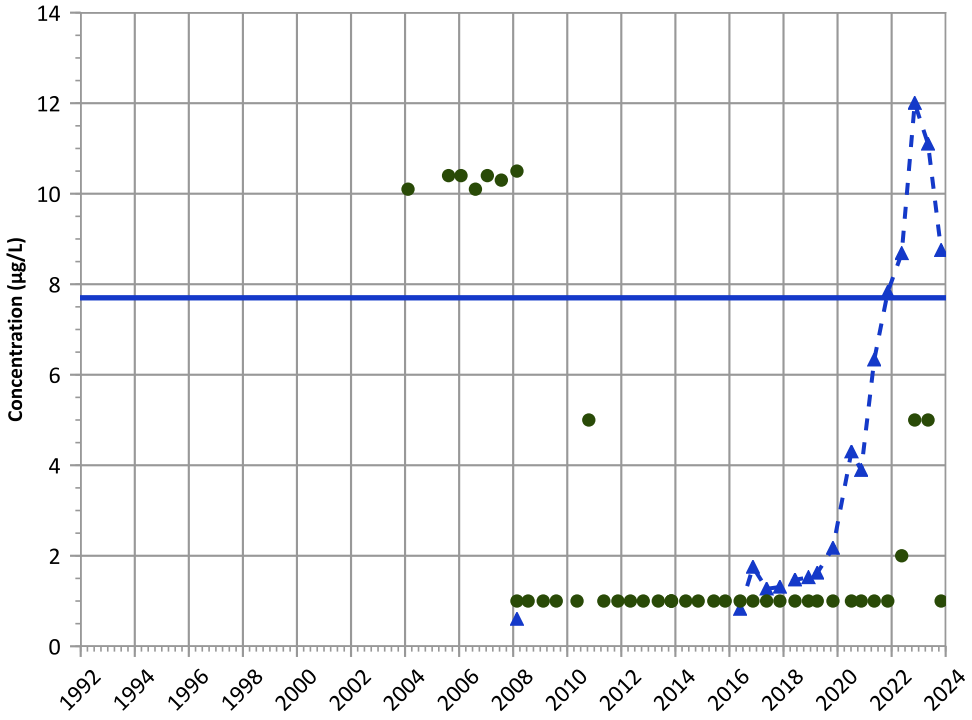
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

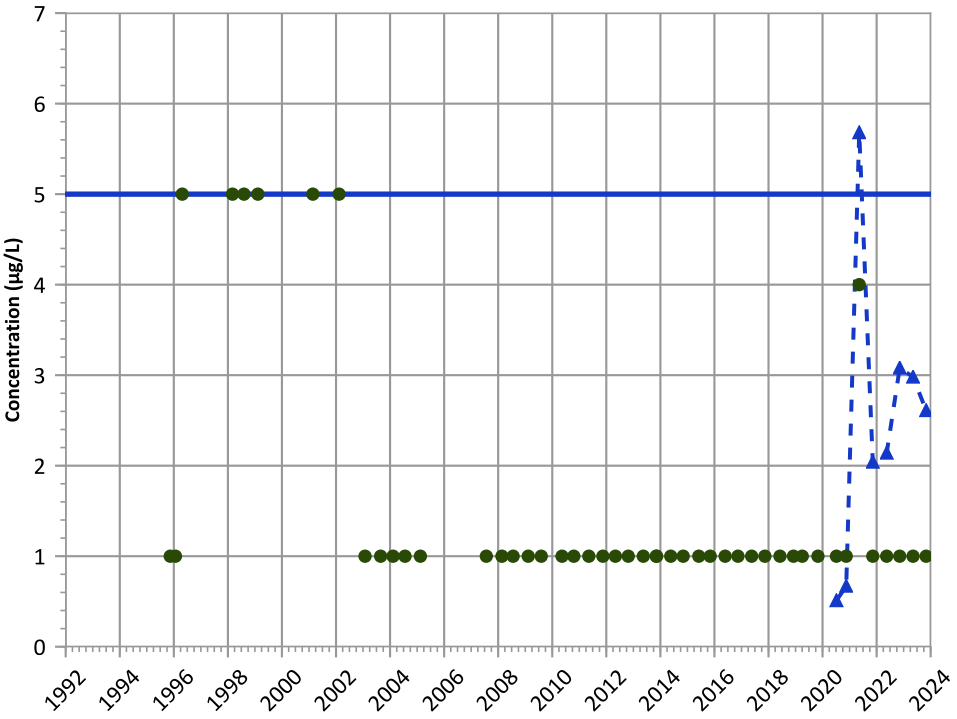


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

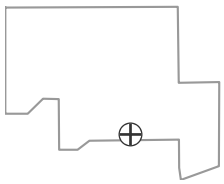
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

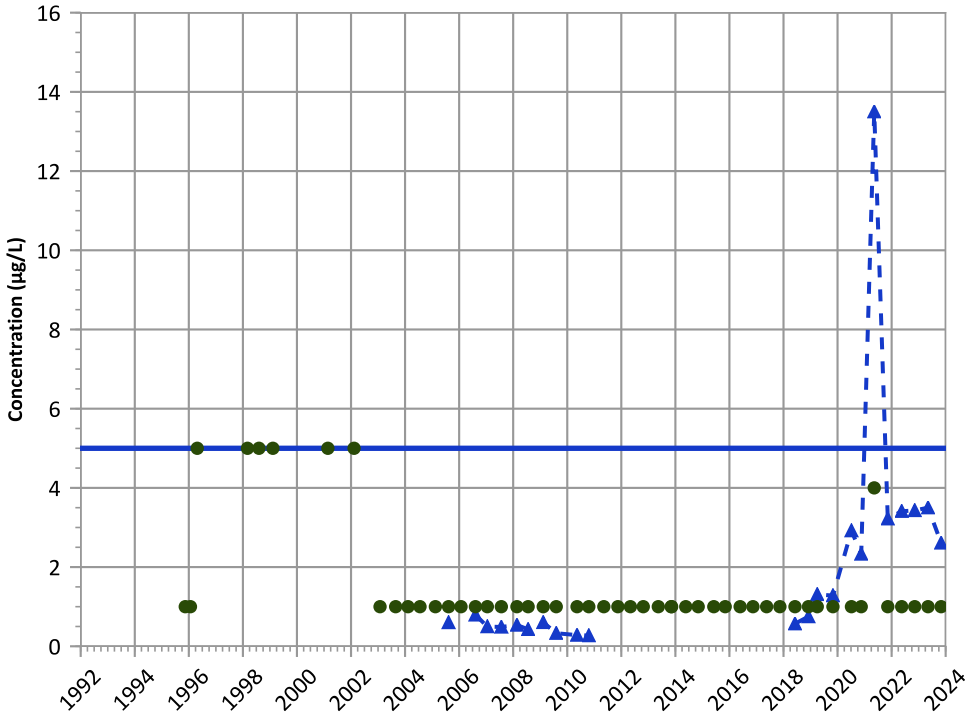
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

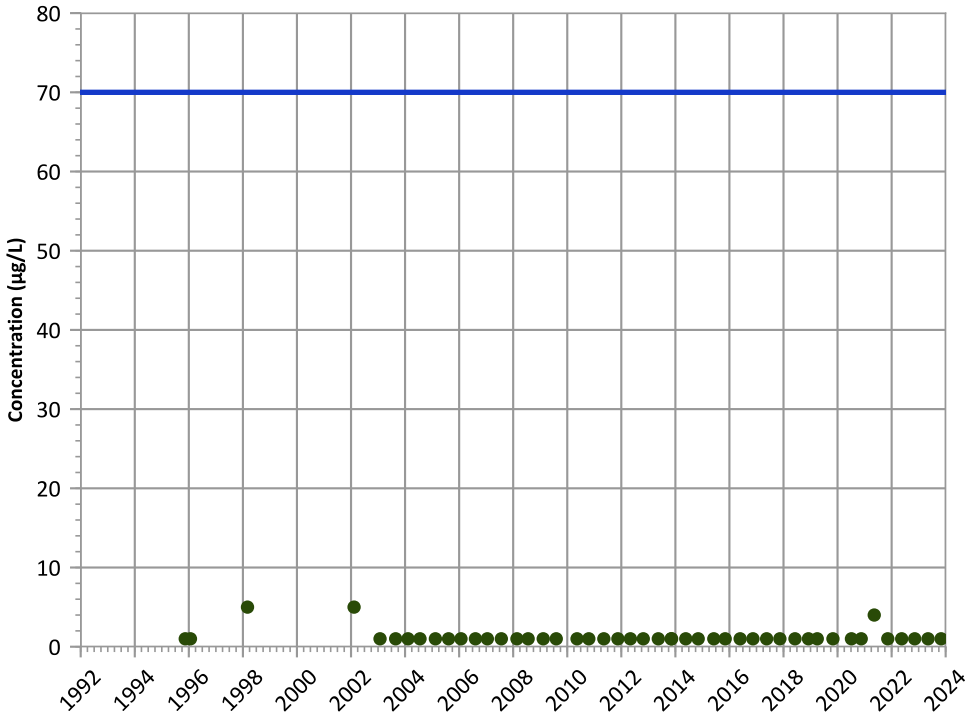


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

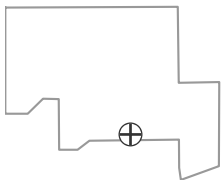
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

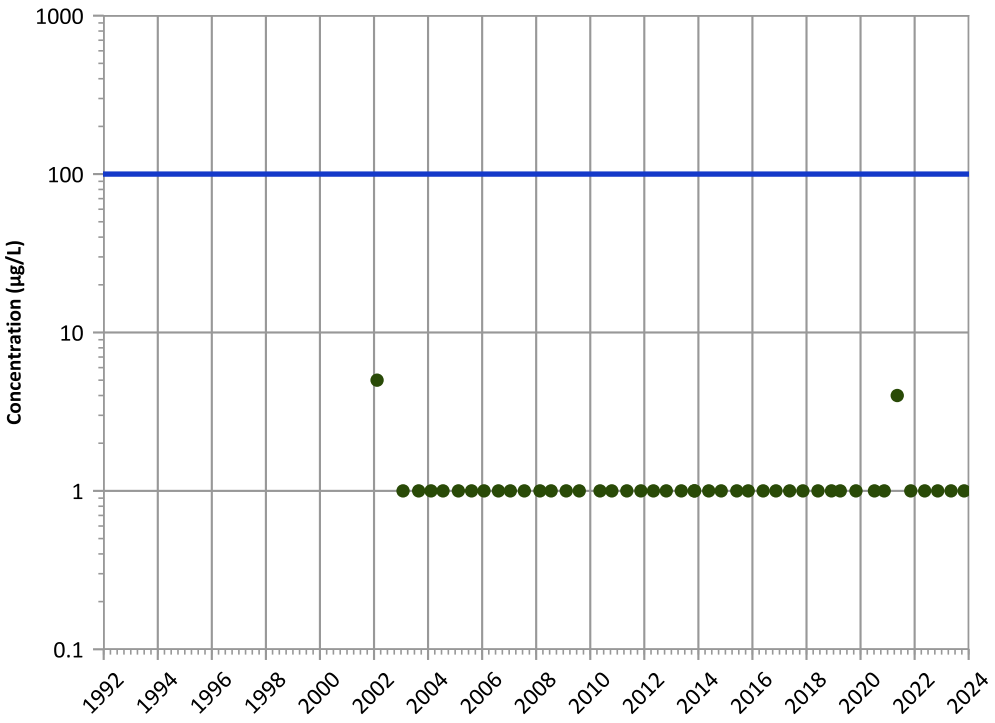
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

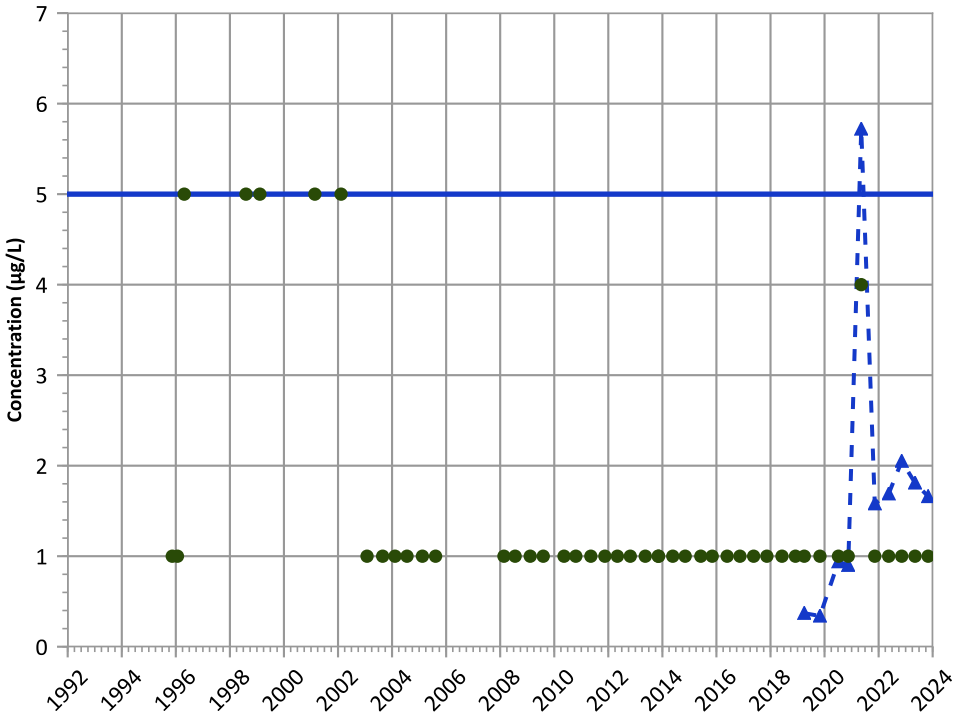


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

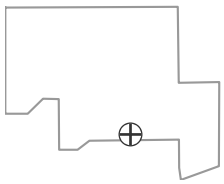
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

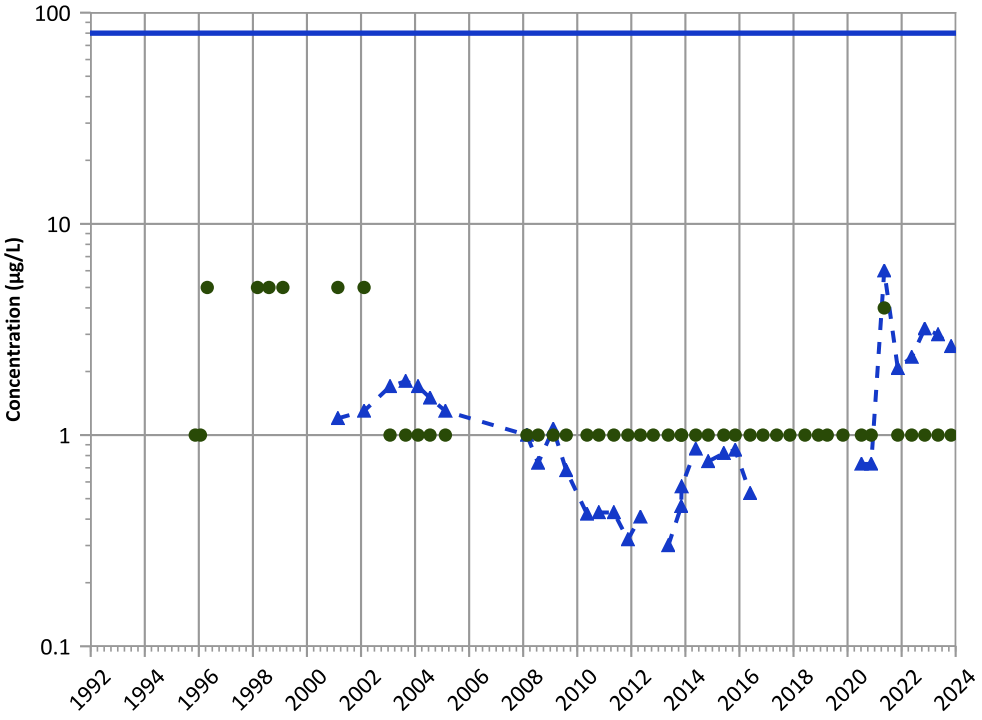
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

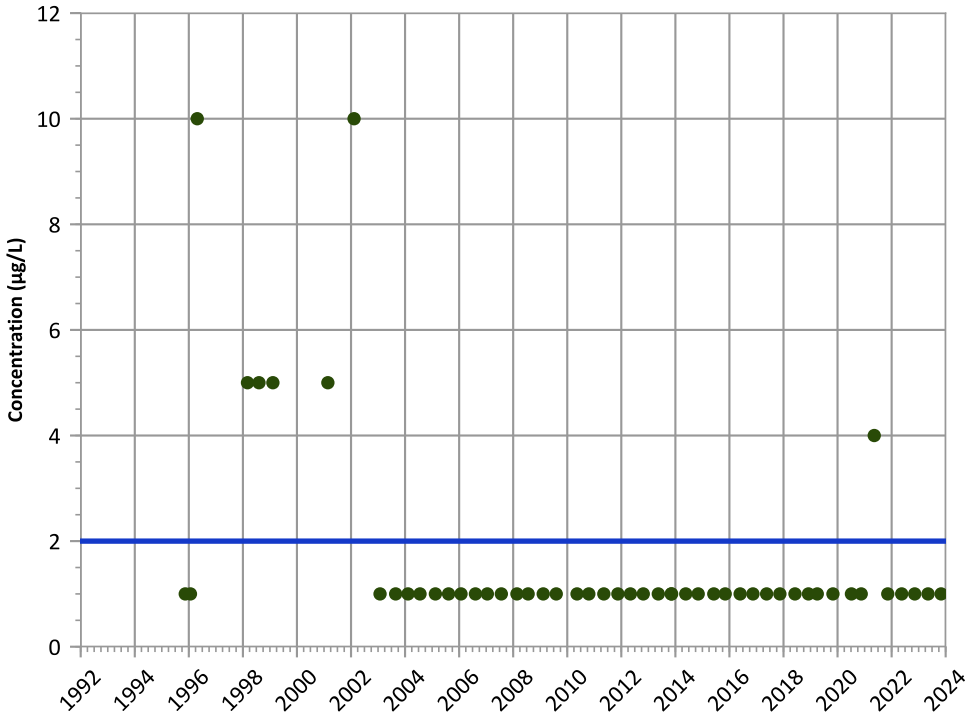


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

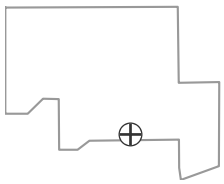
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

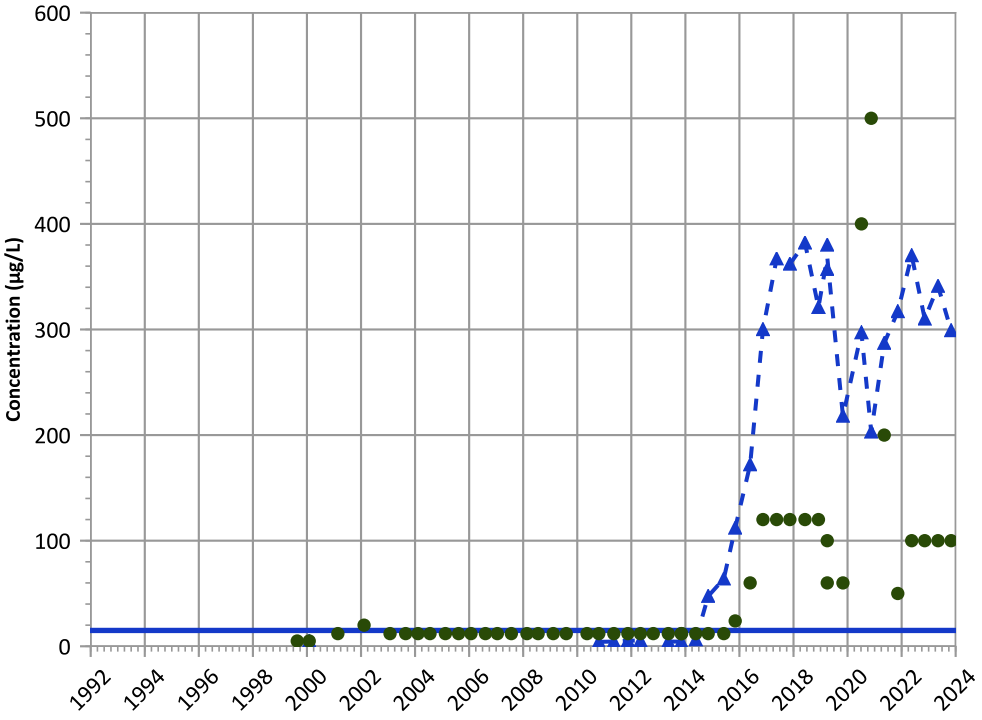
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

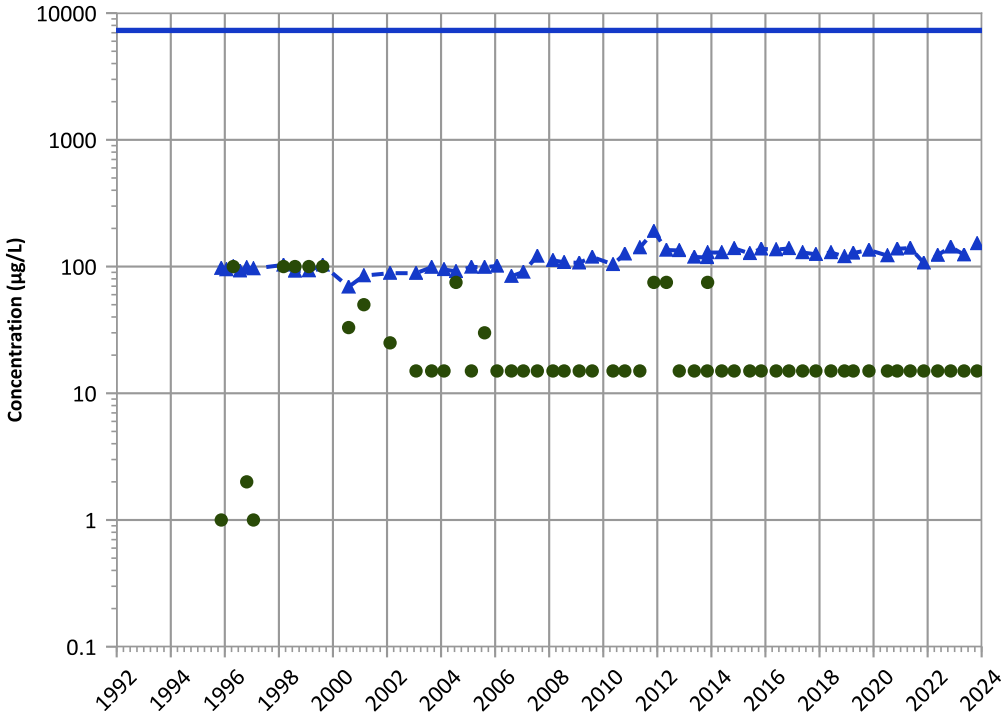


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Boron Trend



Concentration Trend

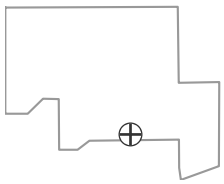
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

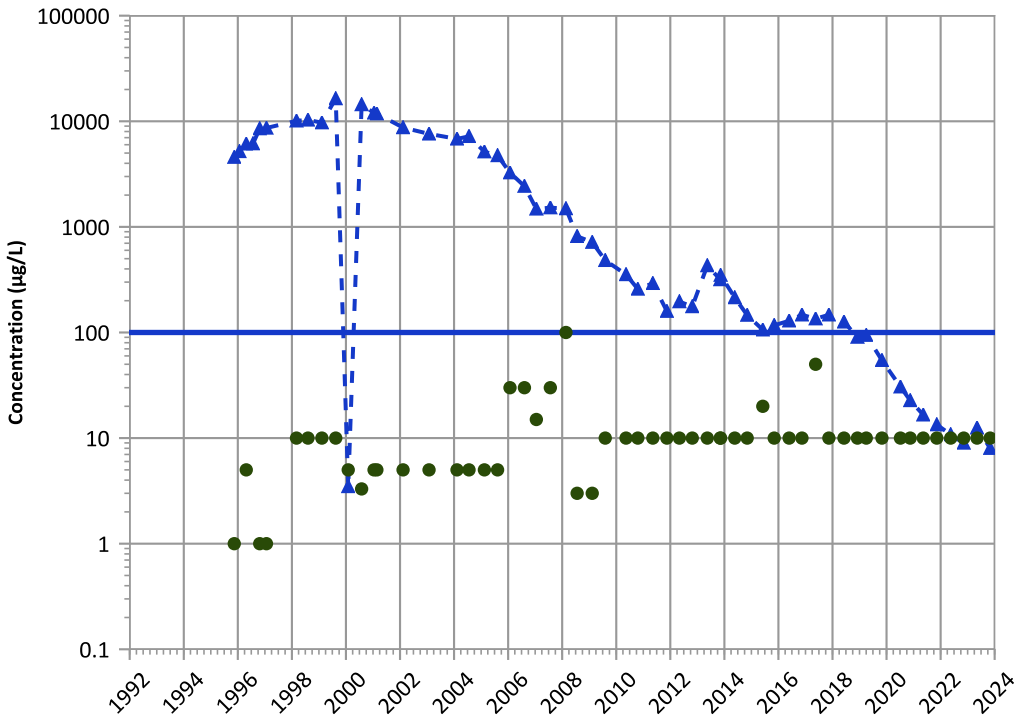
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

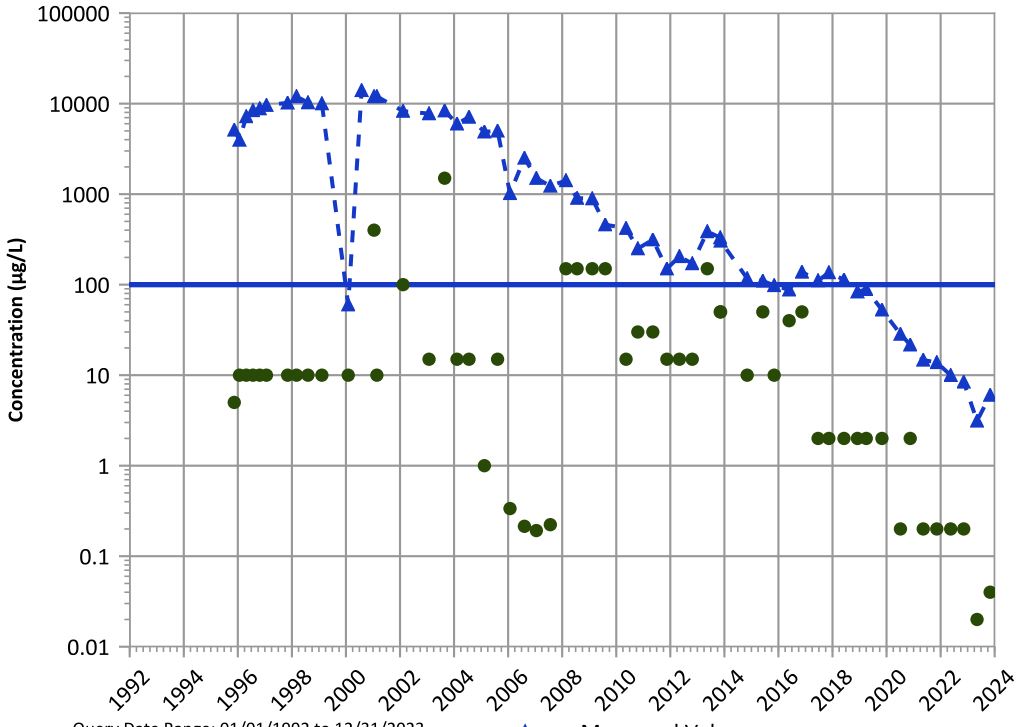


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

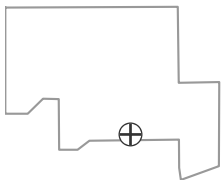
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

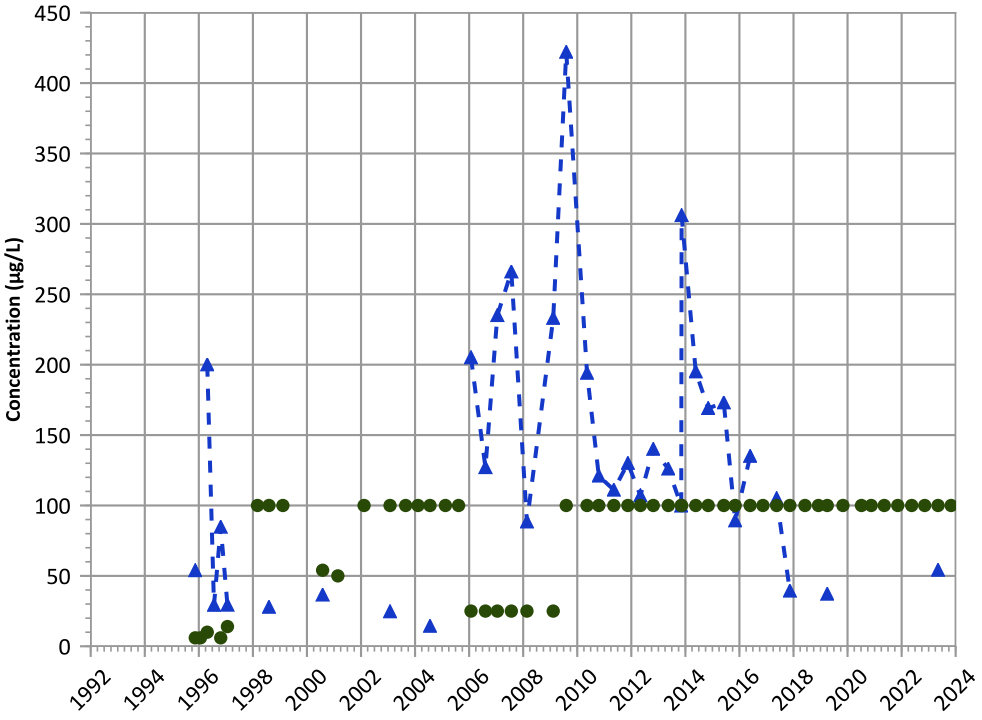
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

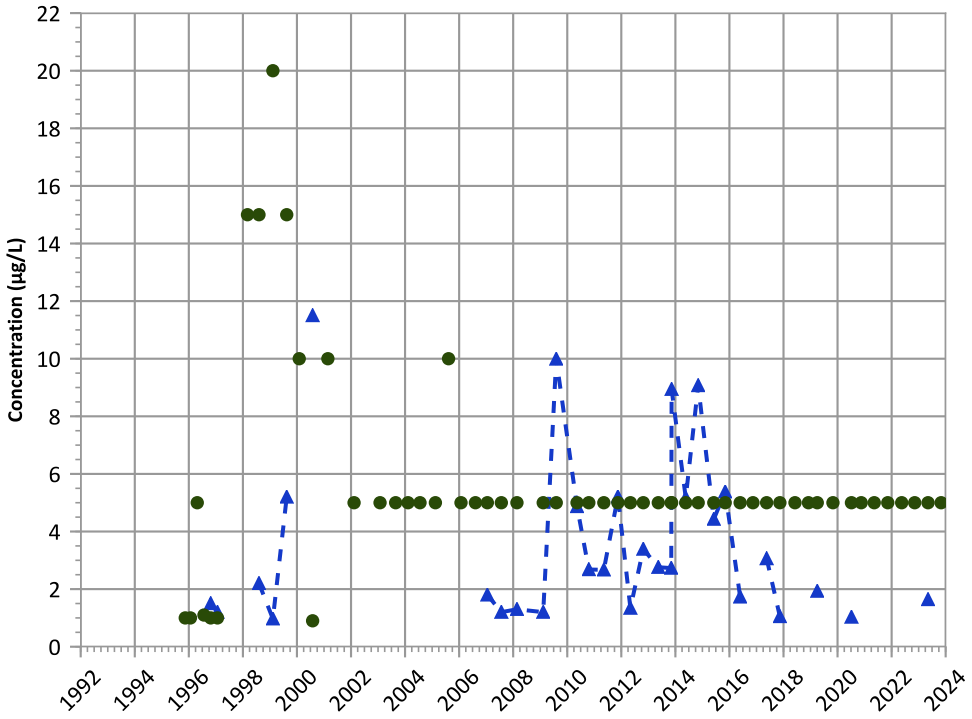


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

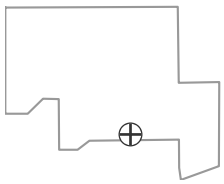
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

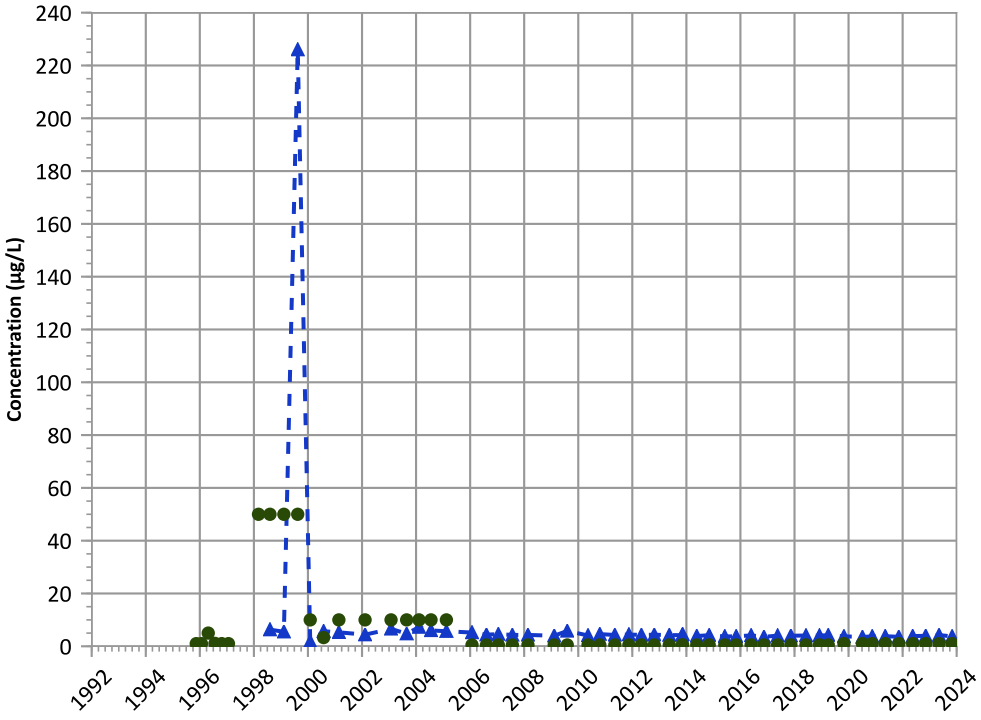
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

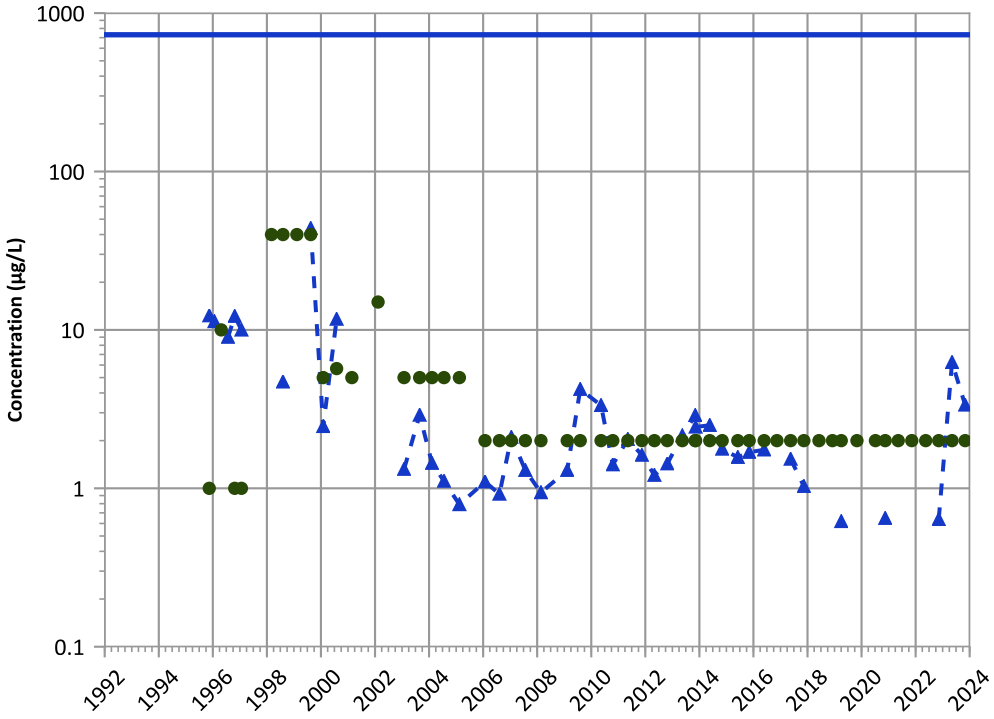


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Nickel Trend



Concentration Trend

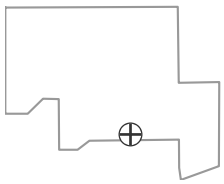
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

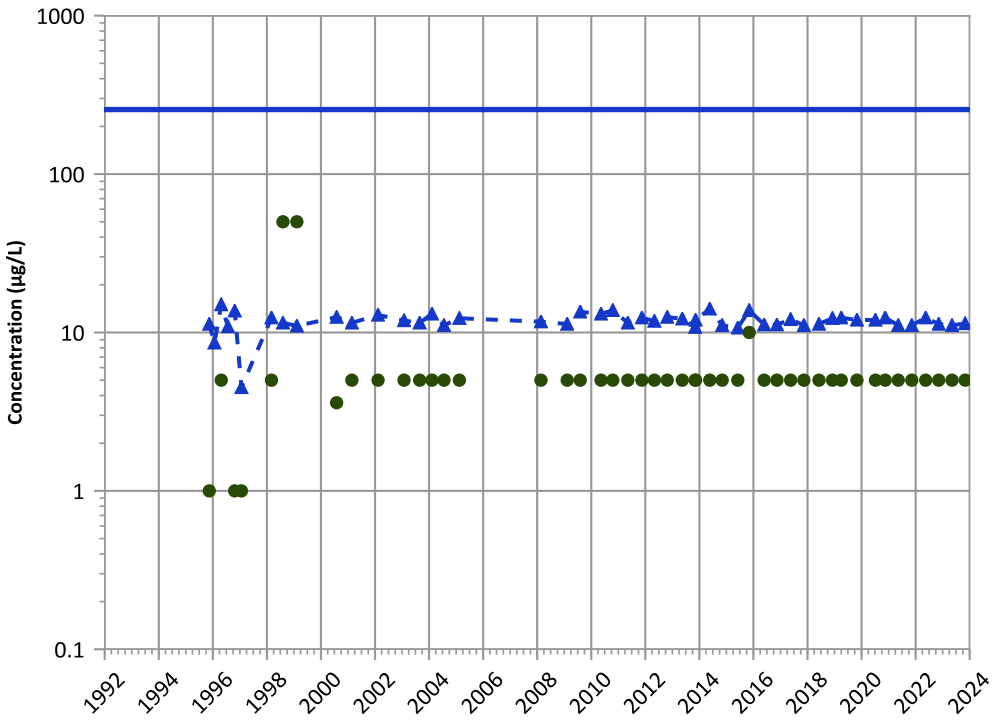
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

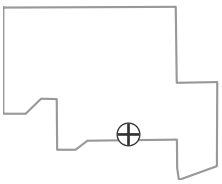
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

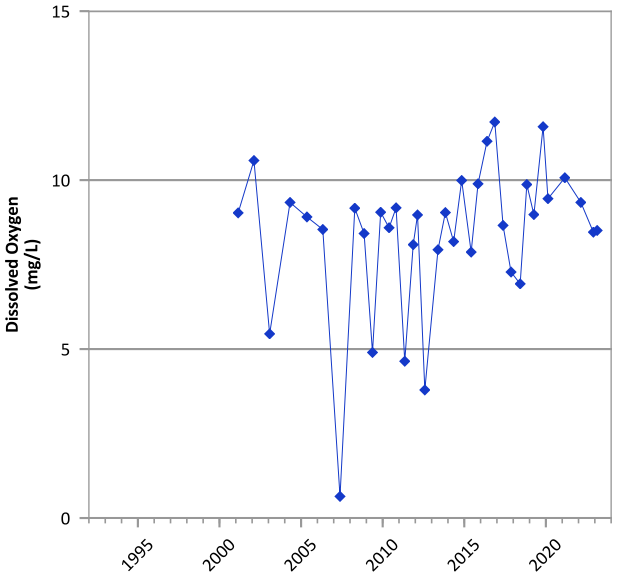
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

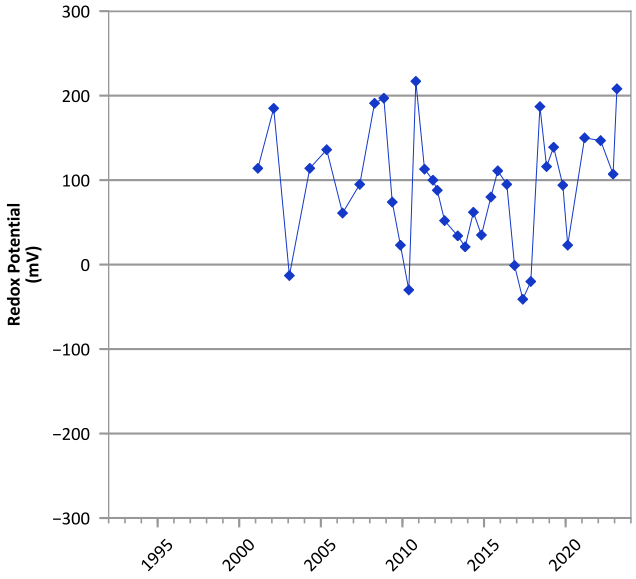
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

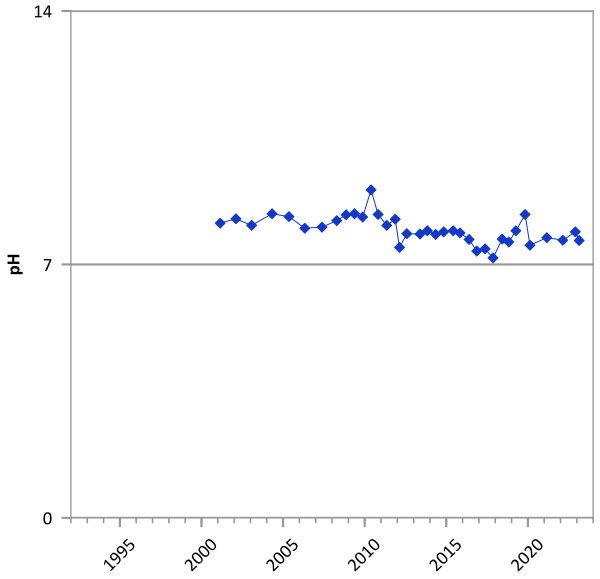
Well Location

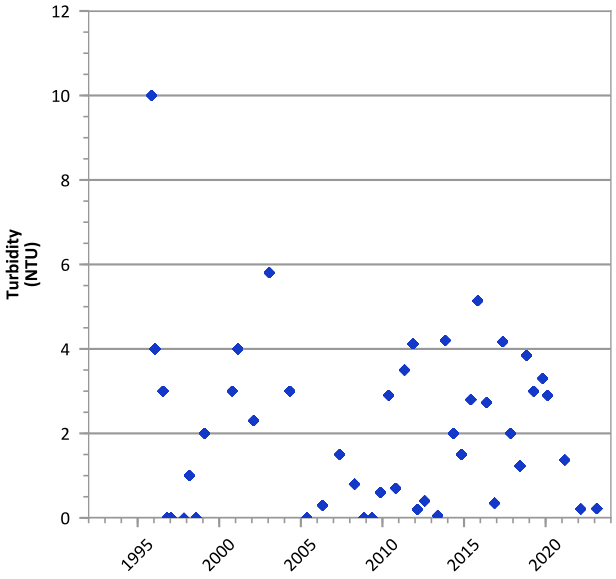


PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

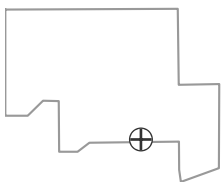






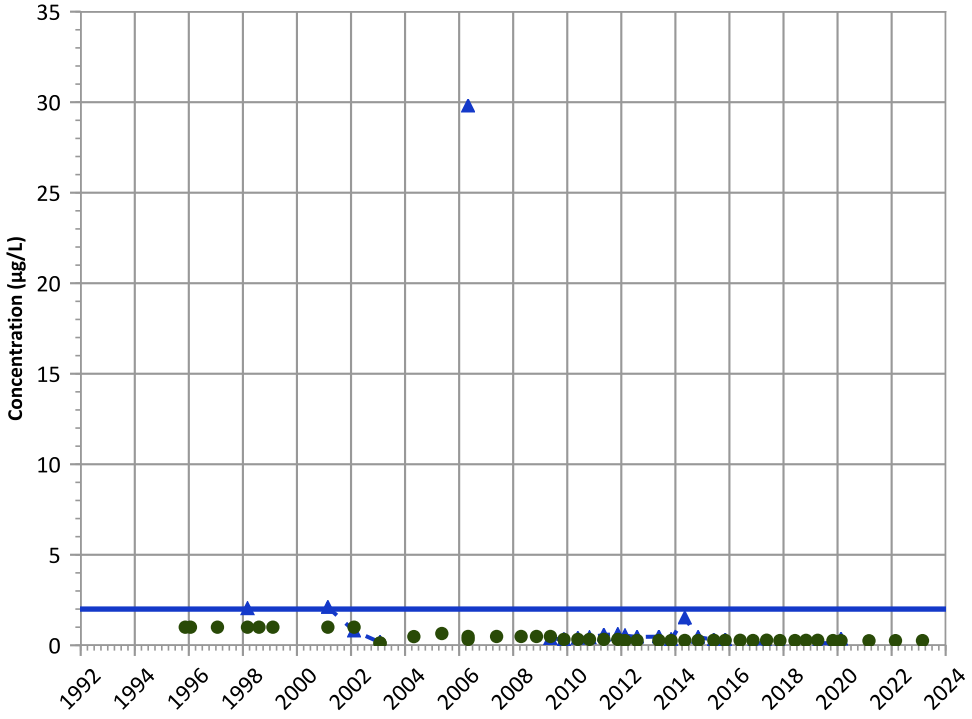


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

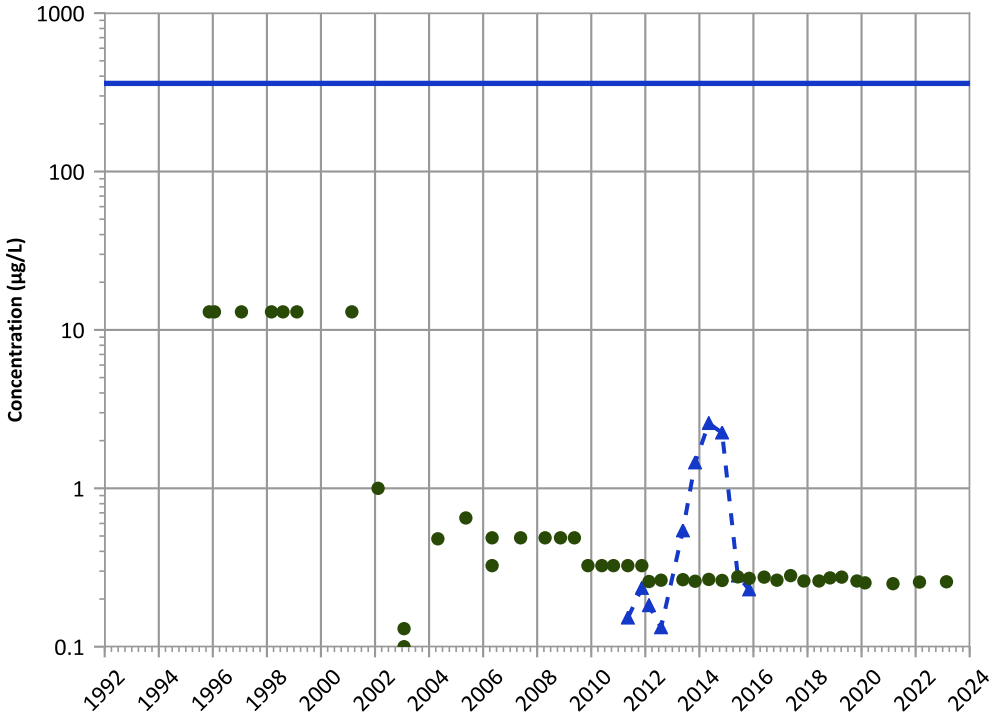


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

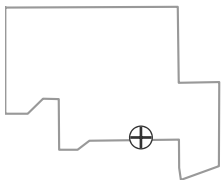
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

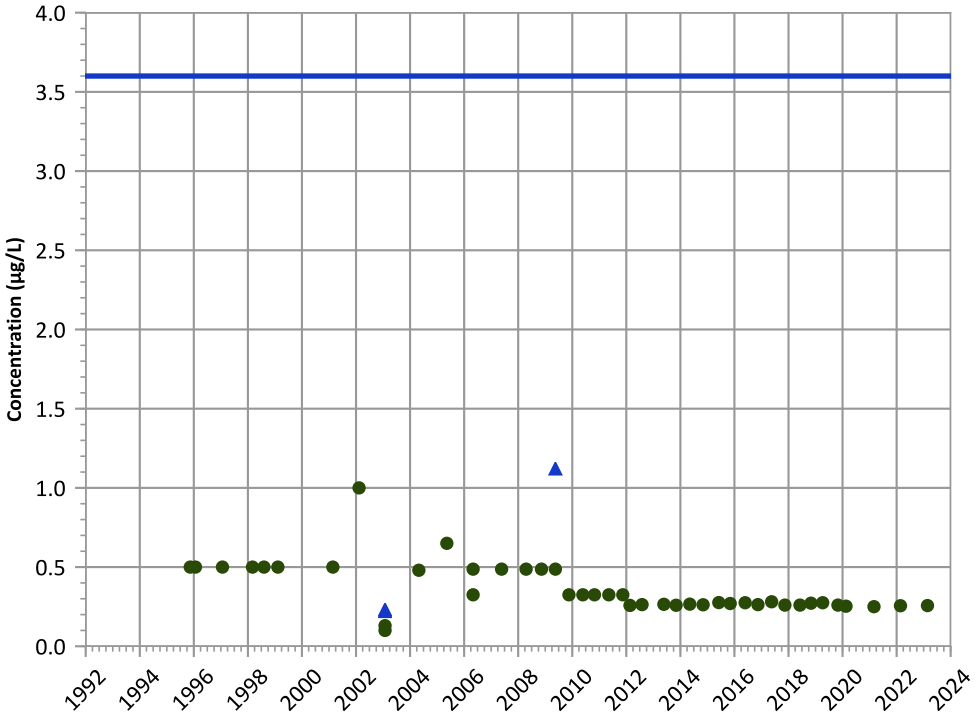
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

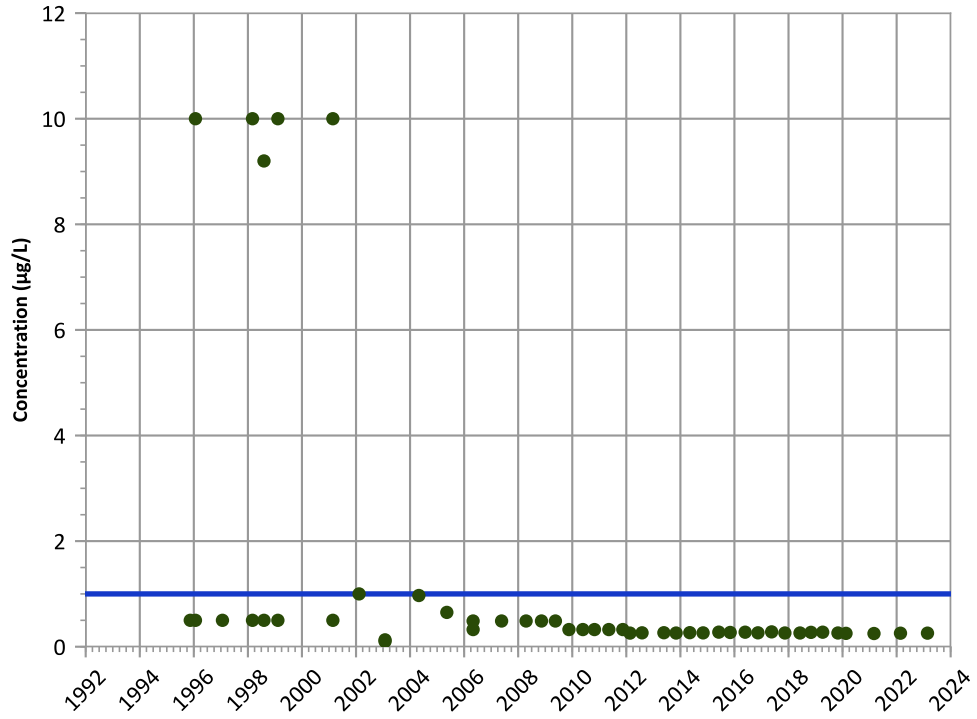


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

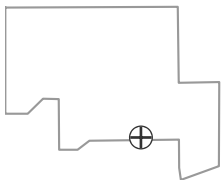
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

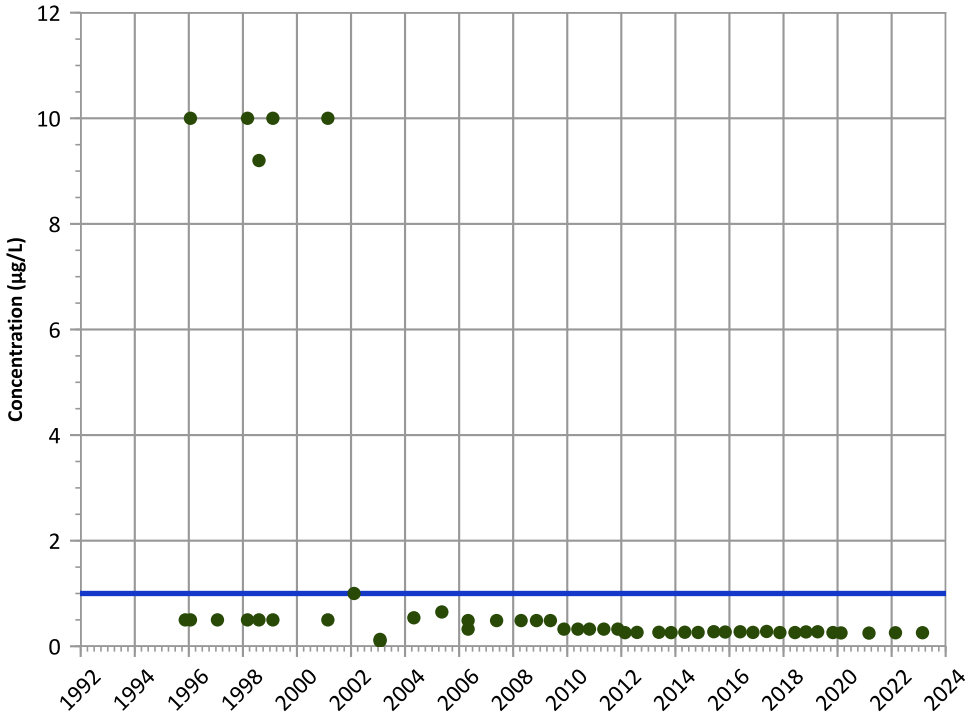
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

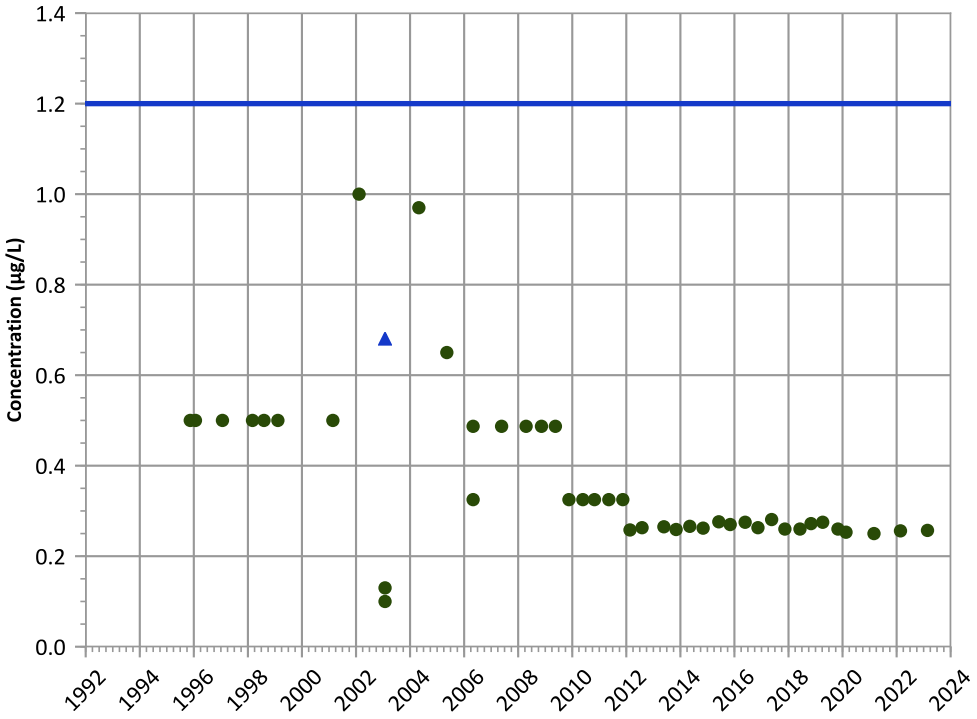
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



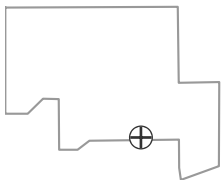
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

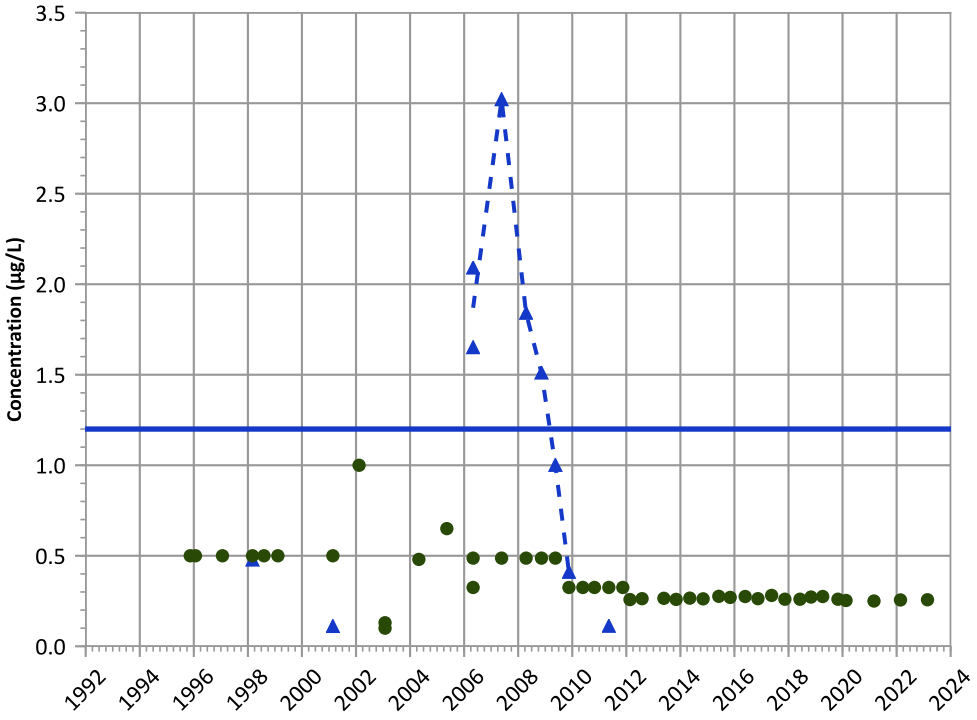
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

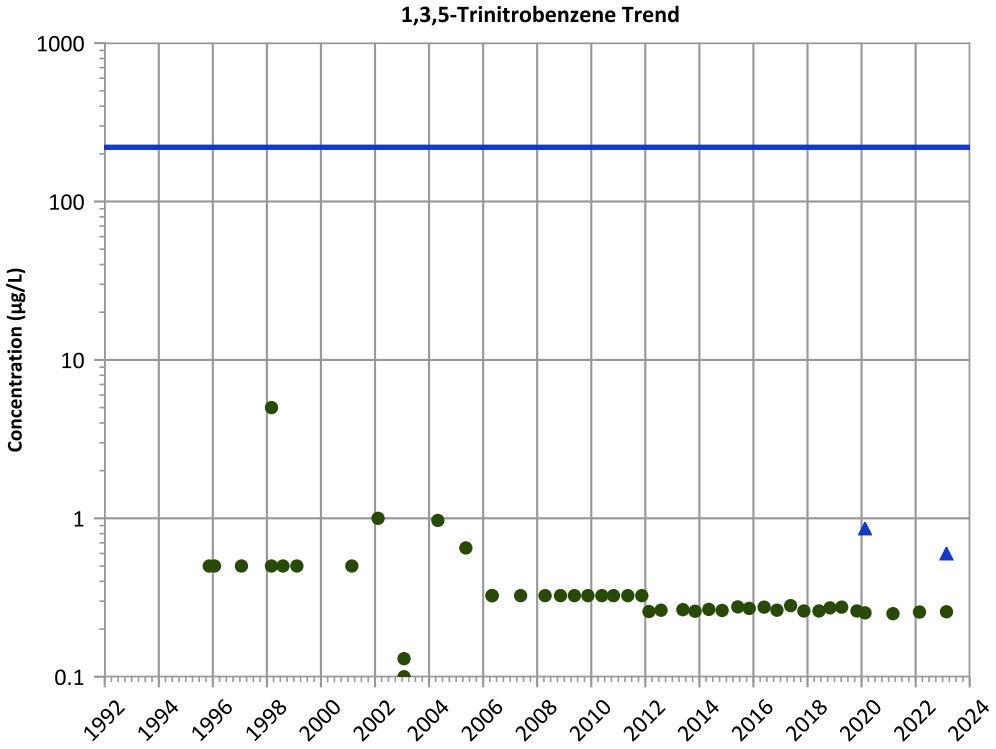


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

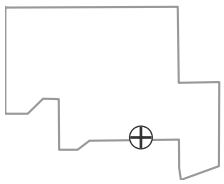
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

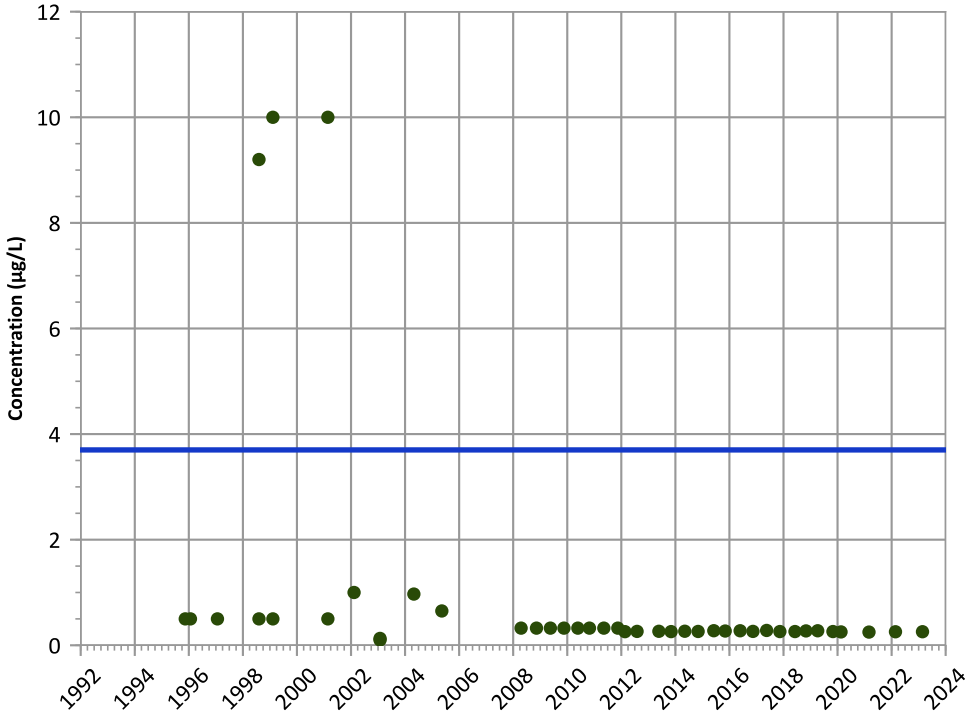
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

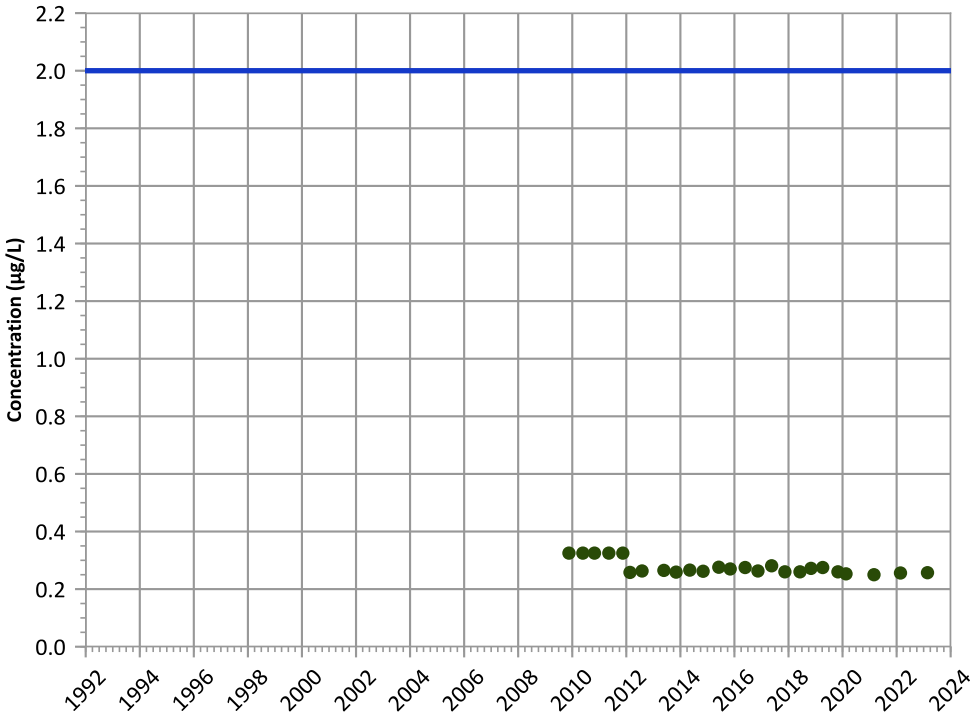


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

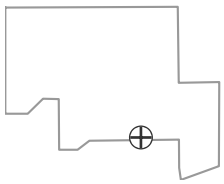
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

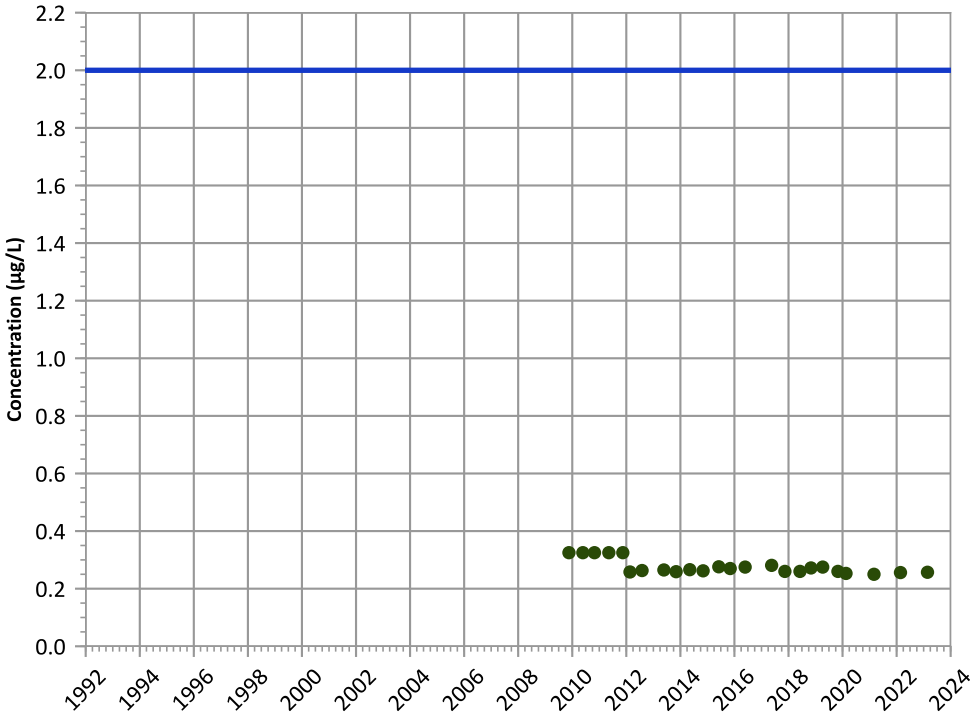
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

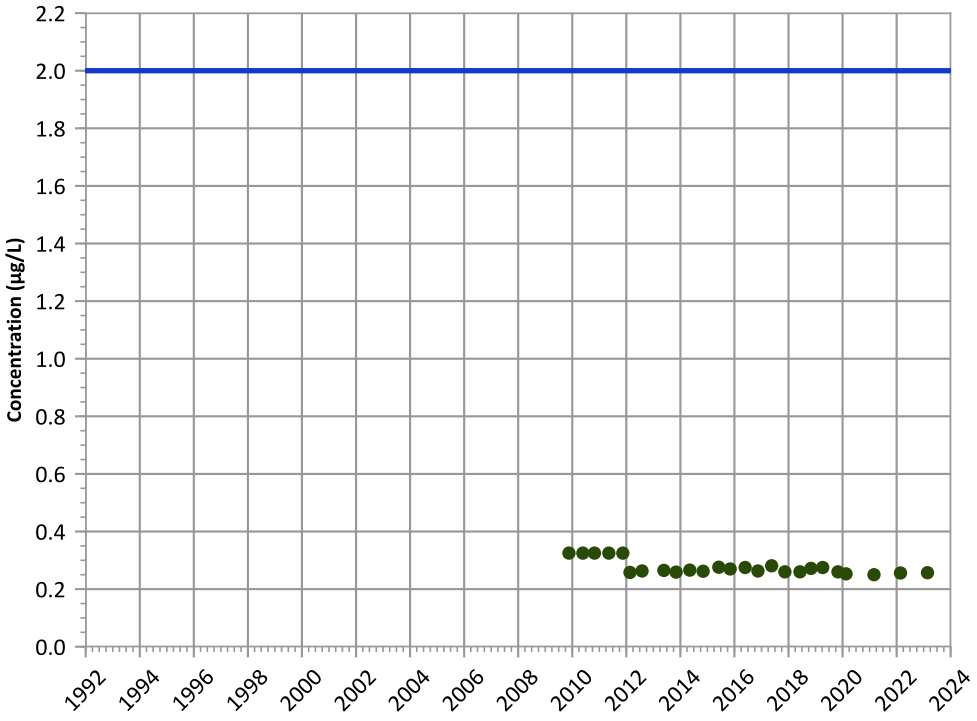


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

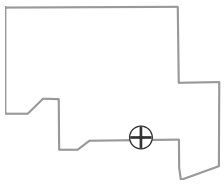
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

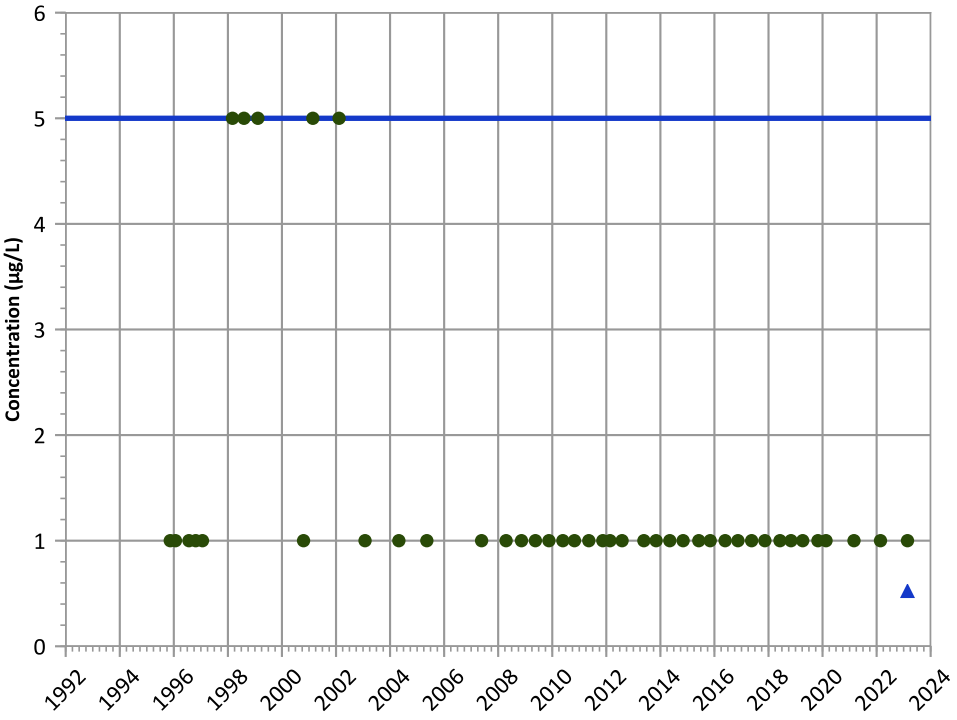
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

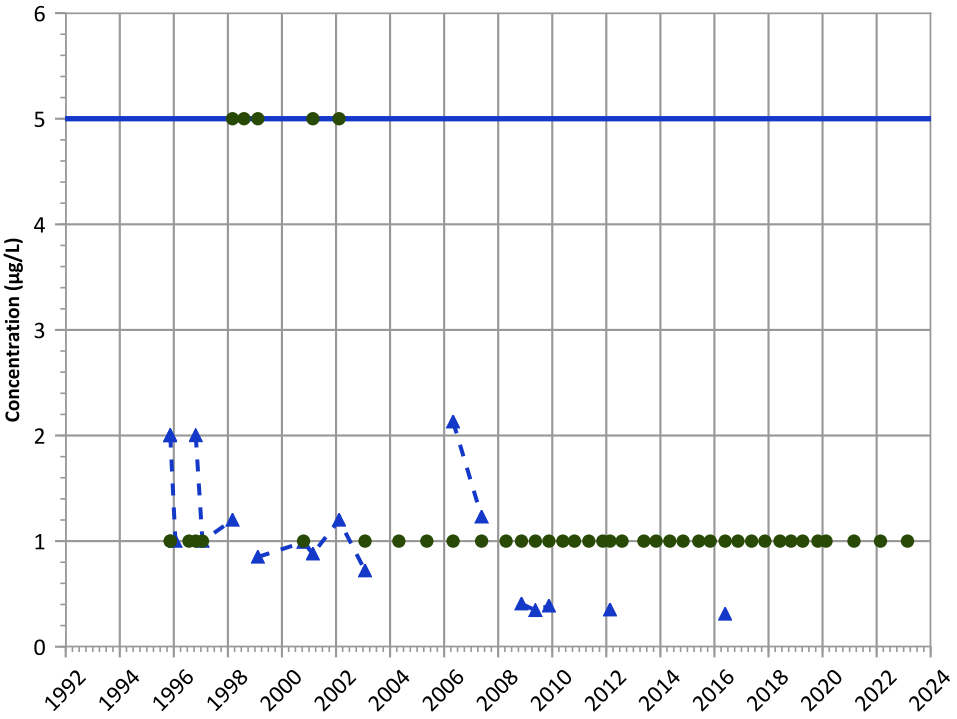


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

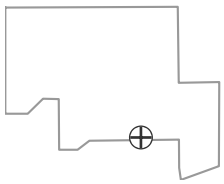
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

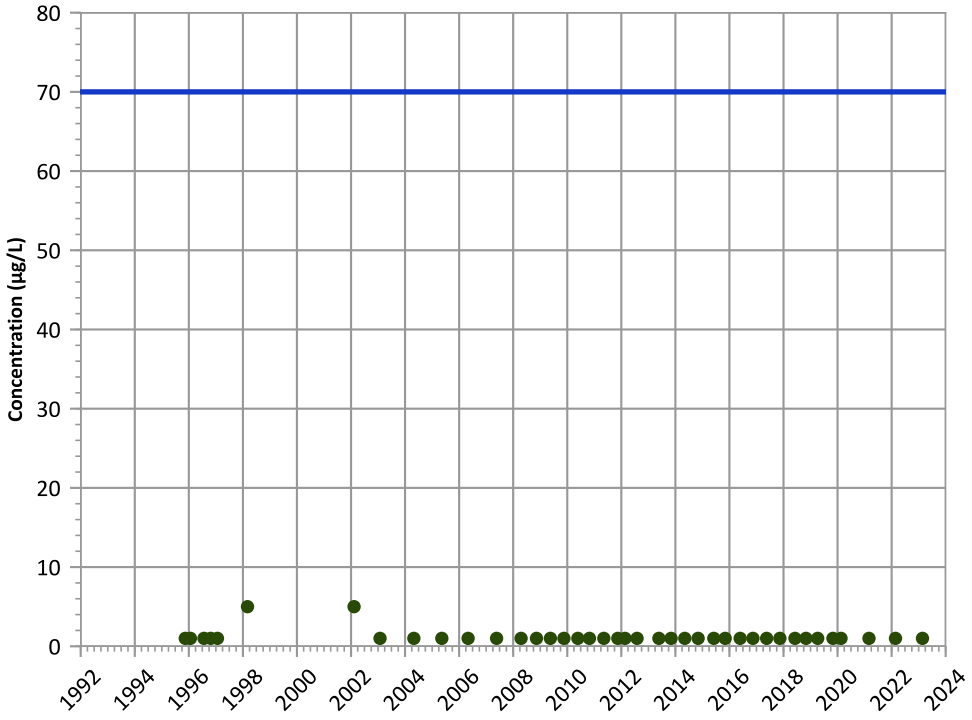
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

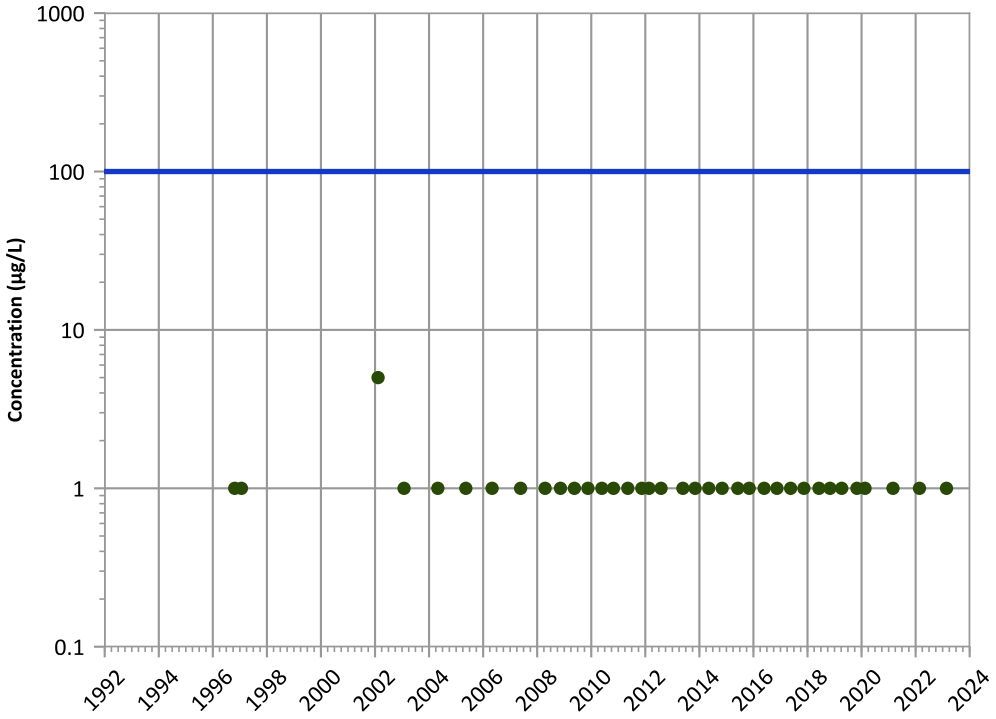
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



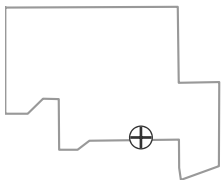
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

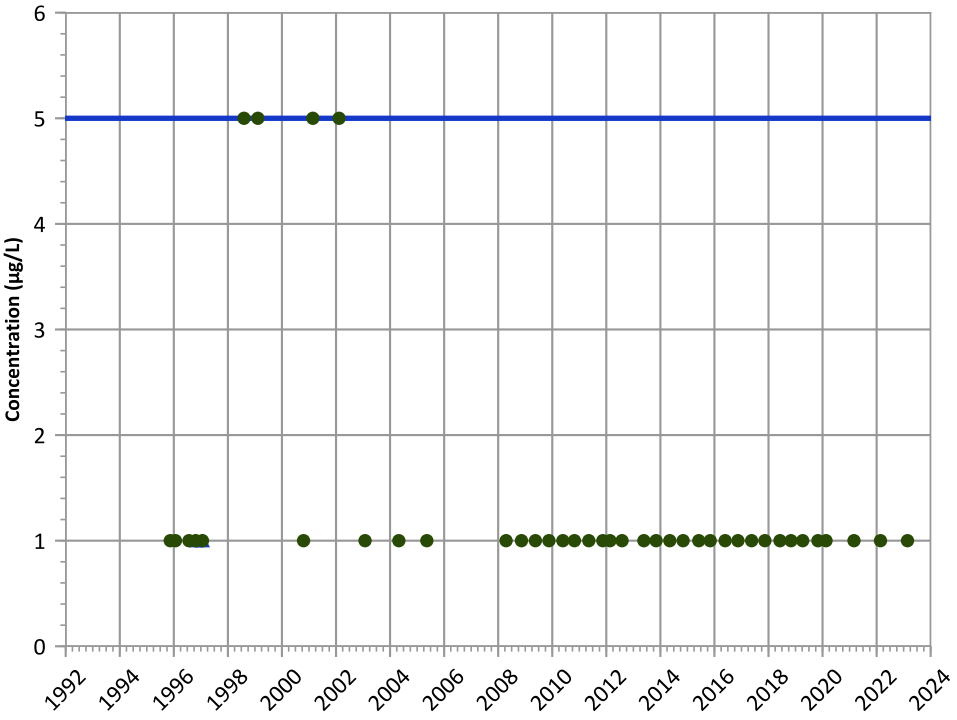
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

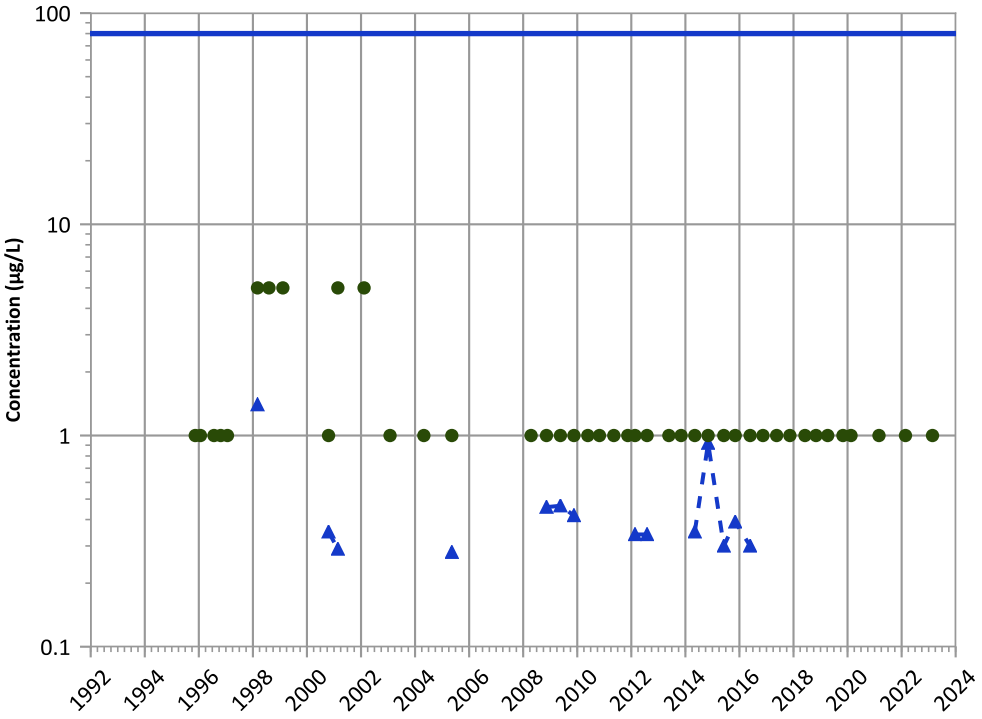


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

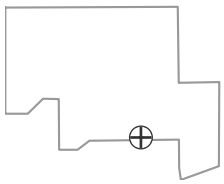
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

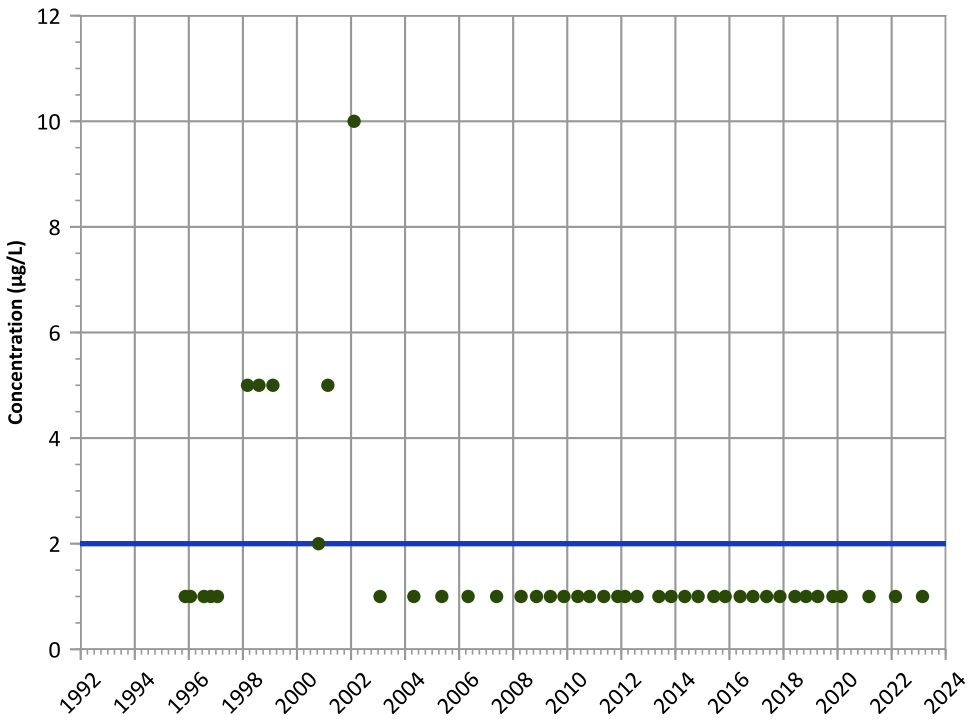
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

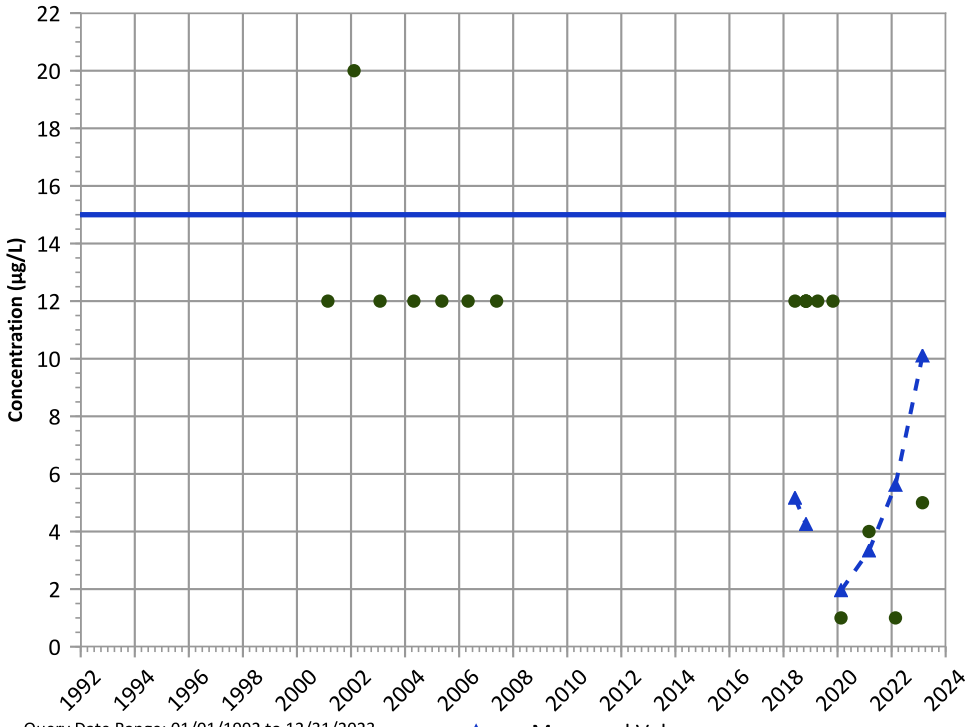


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

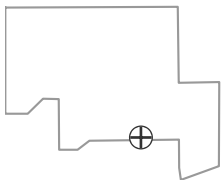
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

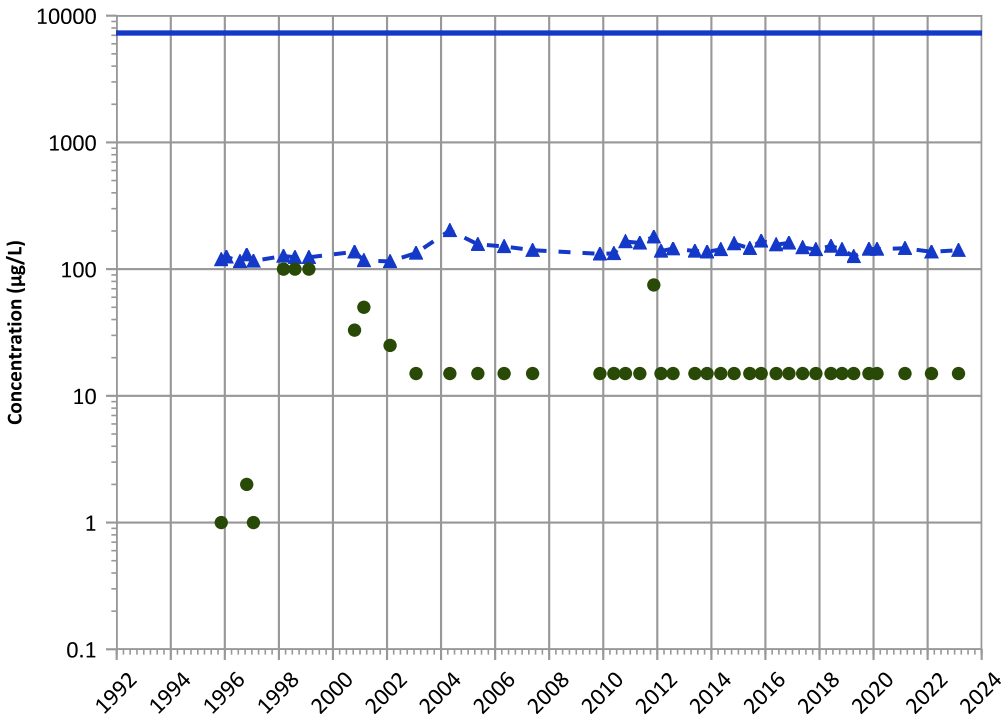
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

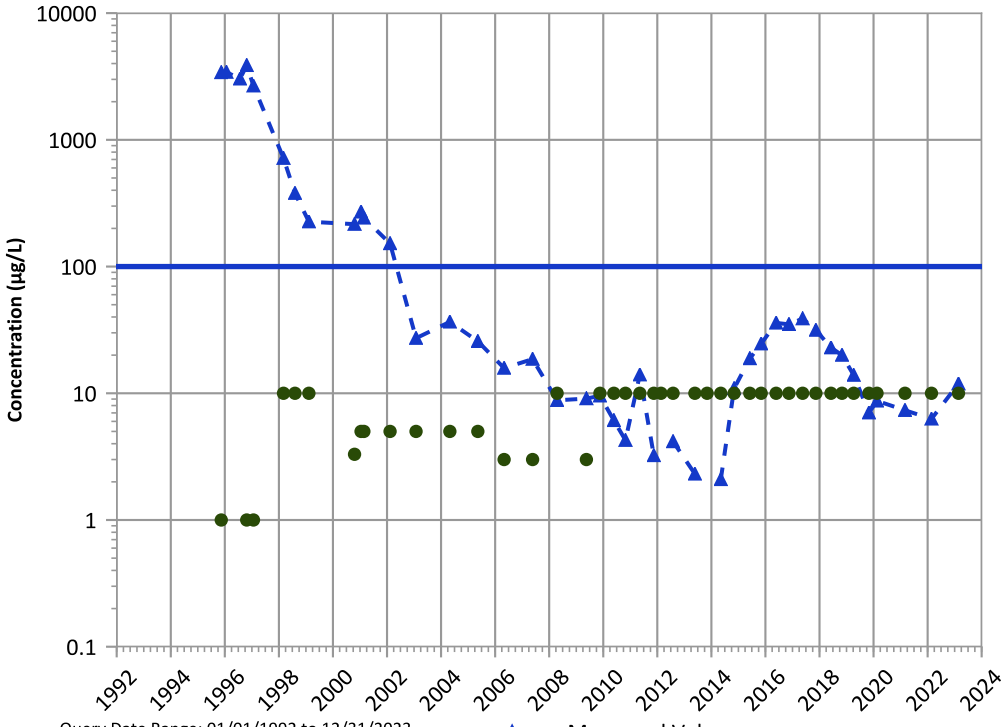


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chromium, Total Trend



Concentration Trend

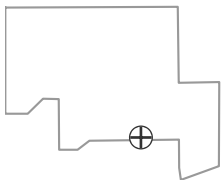
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

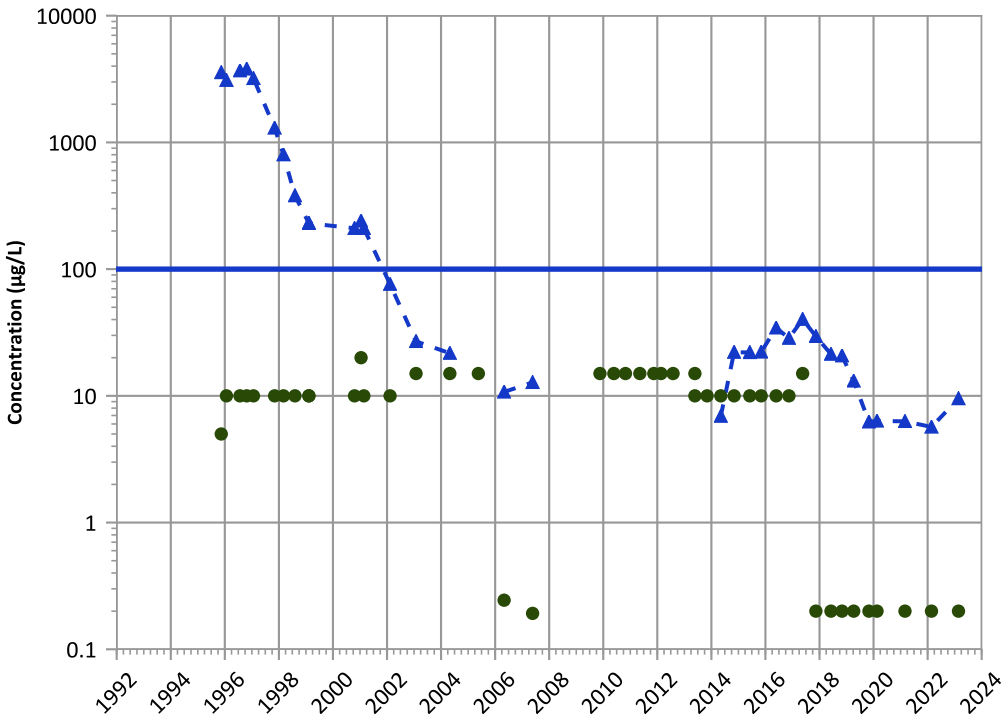
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

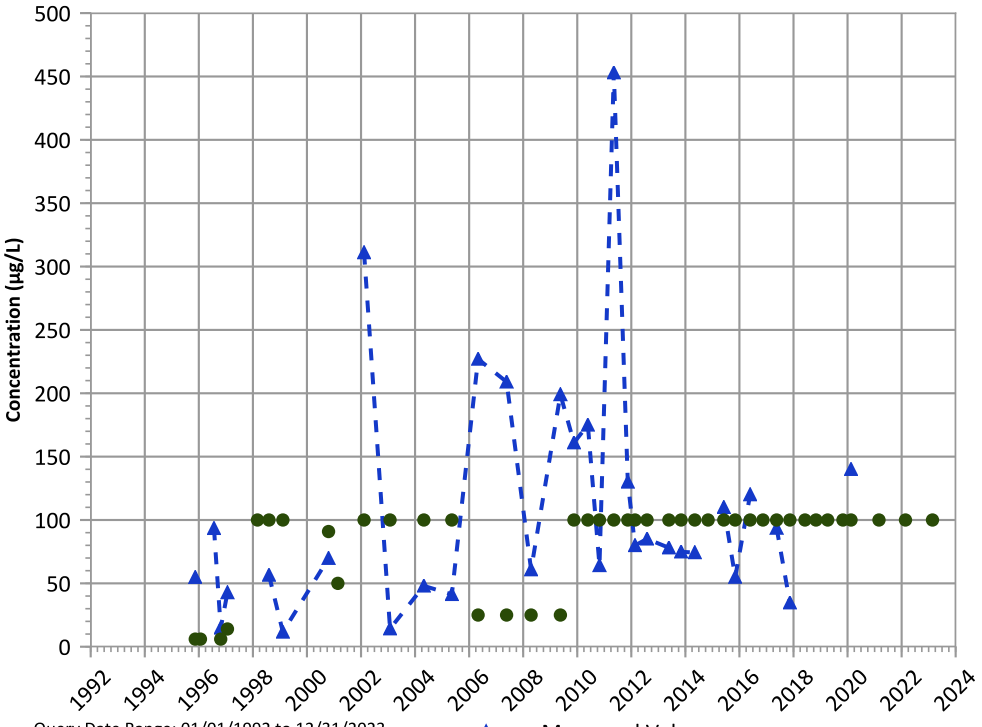


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Iron Trend



Concentration Trend

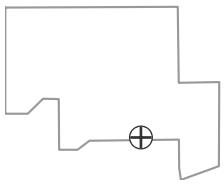
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

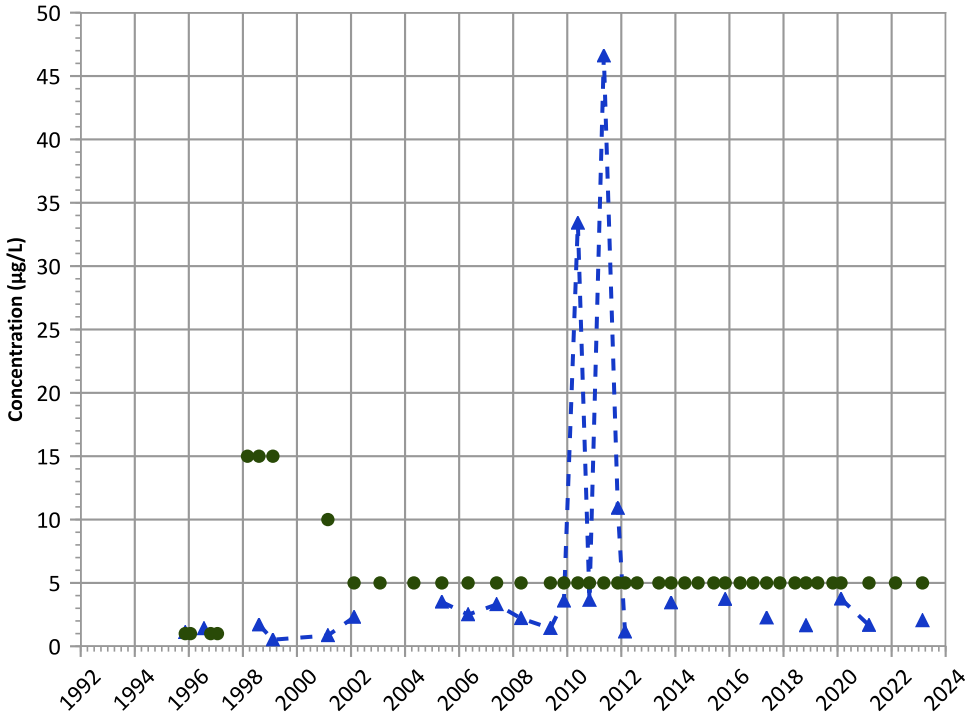
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

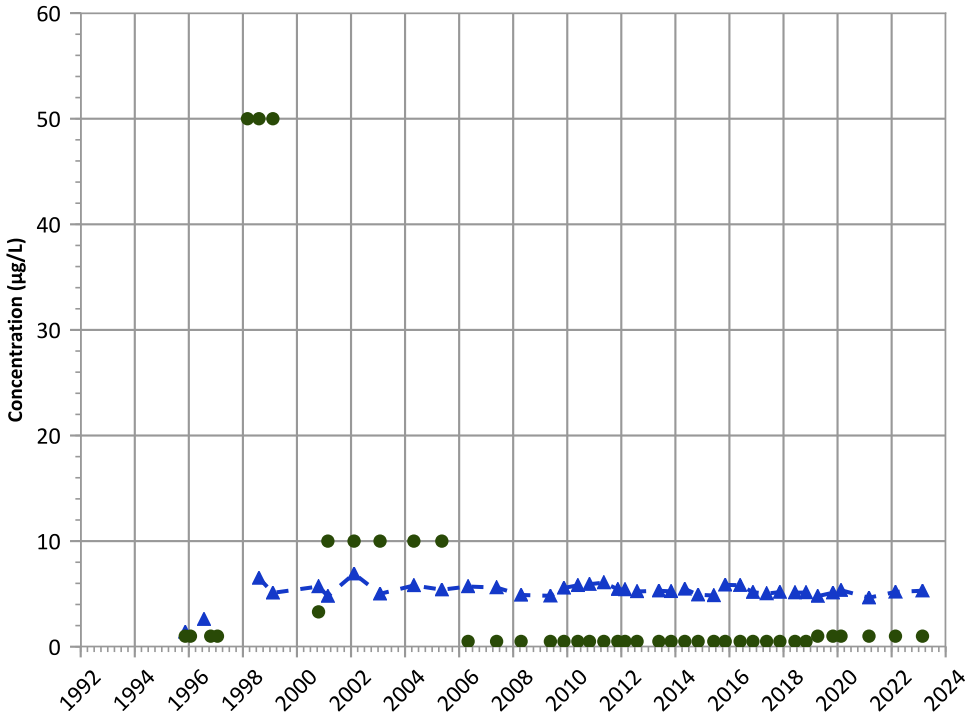


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Molybdenum Trend



Concentration Trend

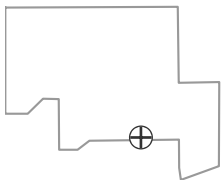
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

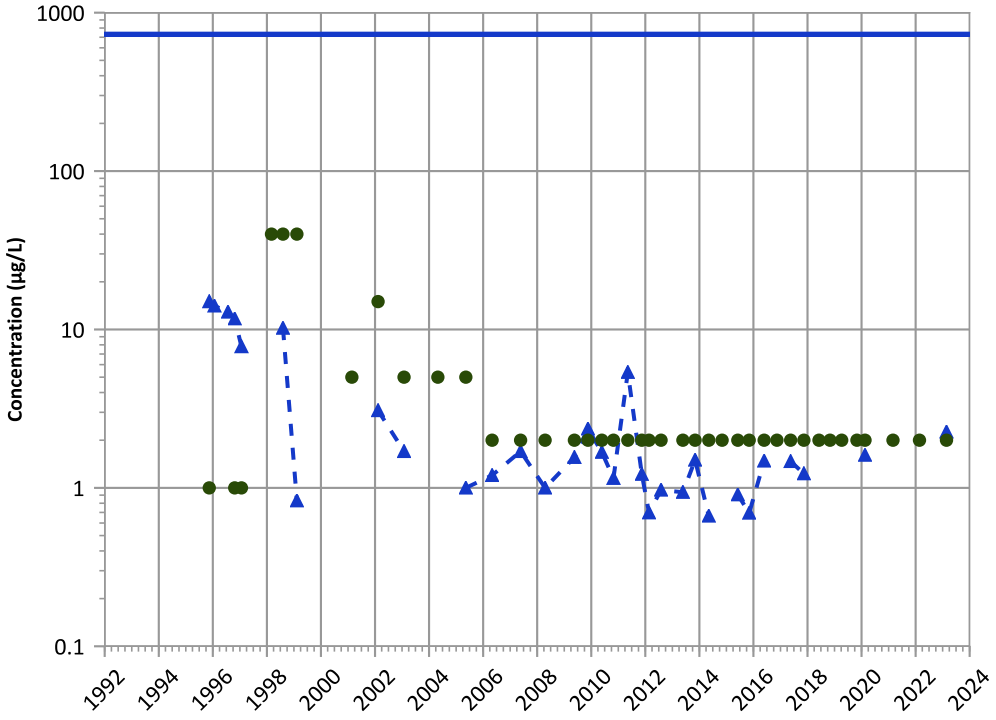
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

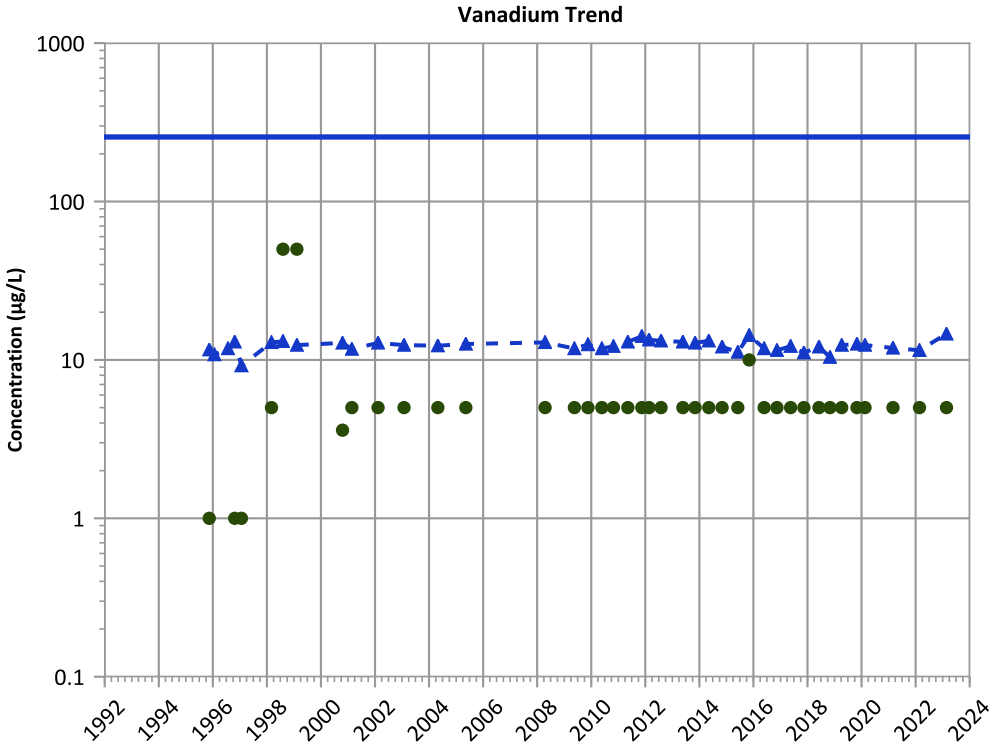


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Vanadium Trend



Concentration Trend

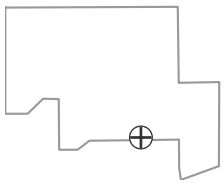
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

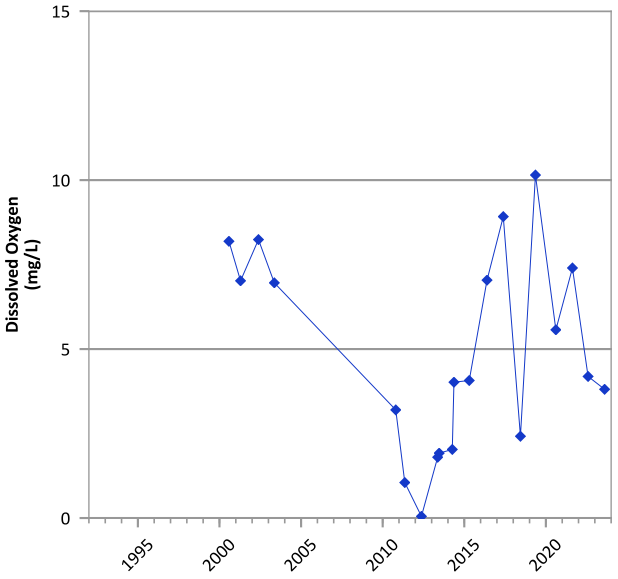
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 02/22/2023
Analysis Date: 04/01/2024

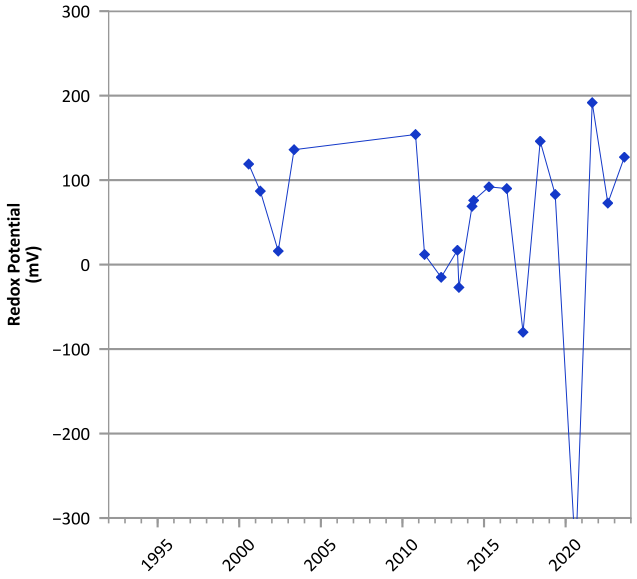
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

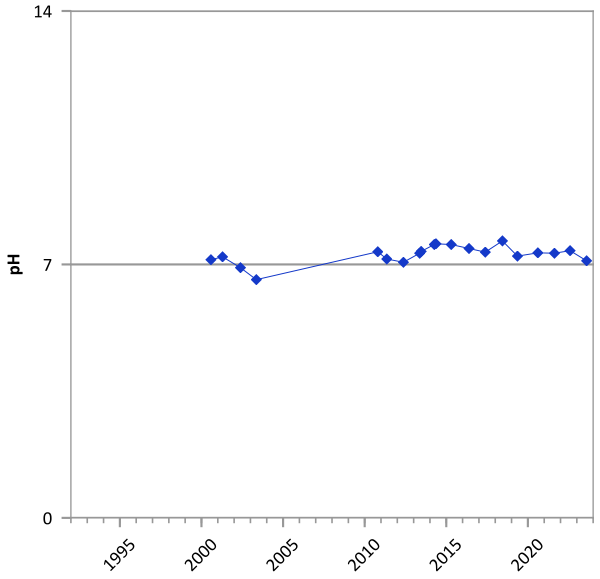
Well Location

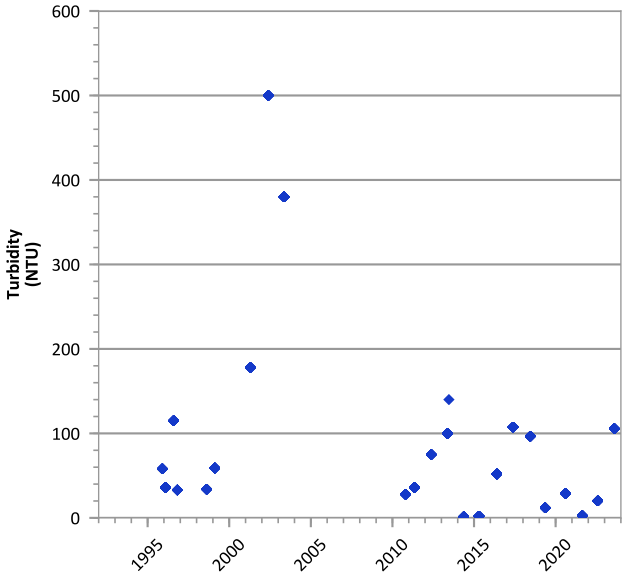


PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

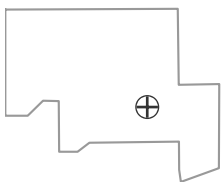






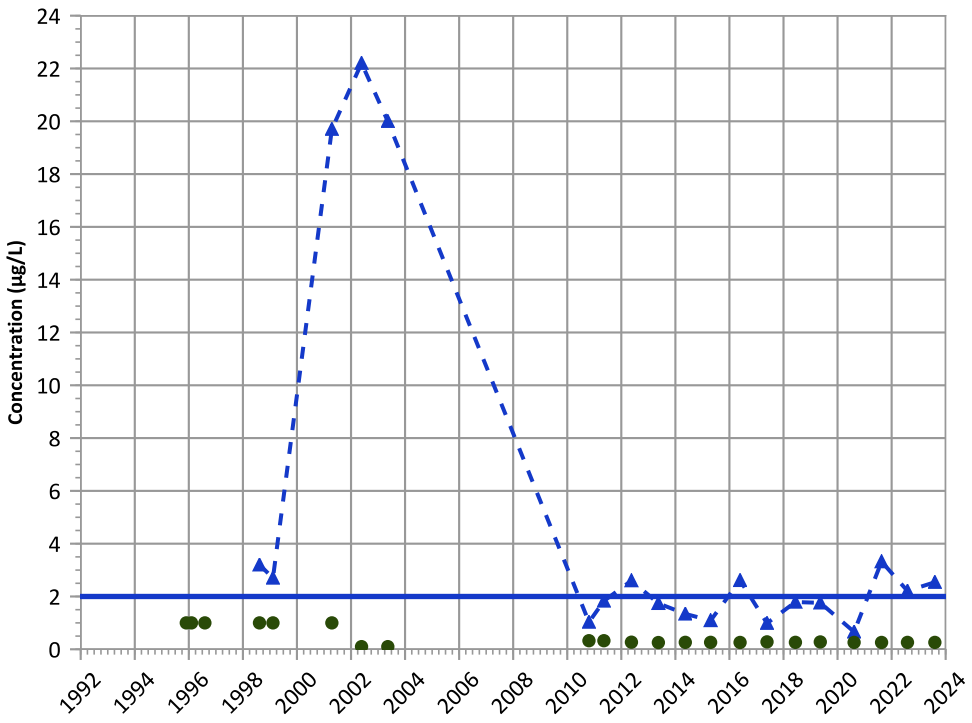


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

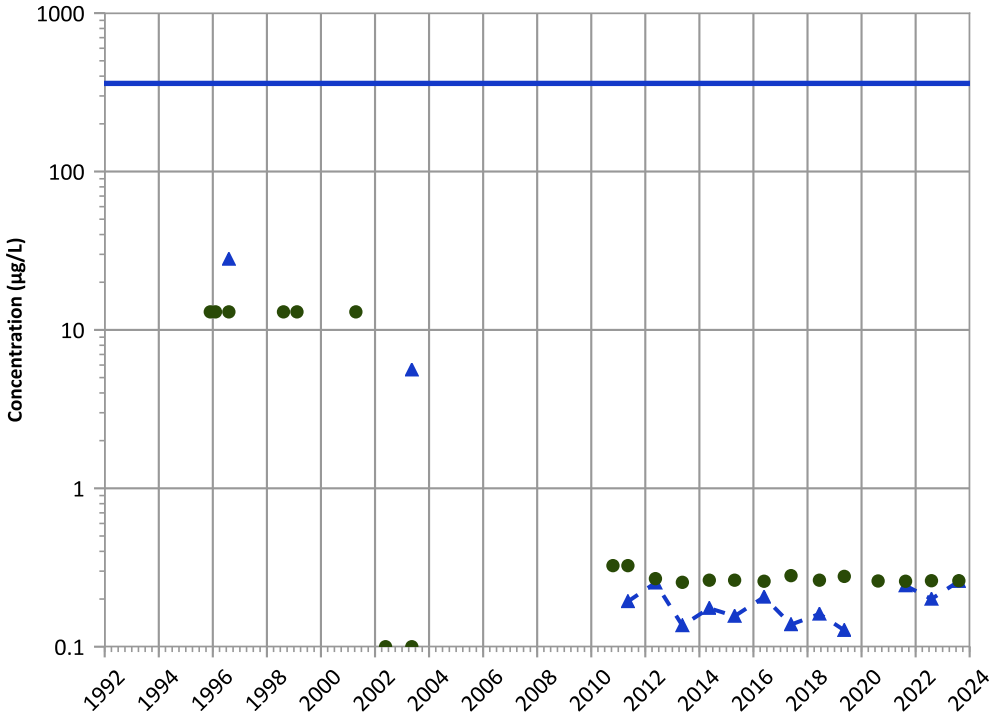


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

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



Concentration Trend

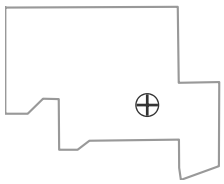
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

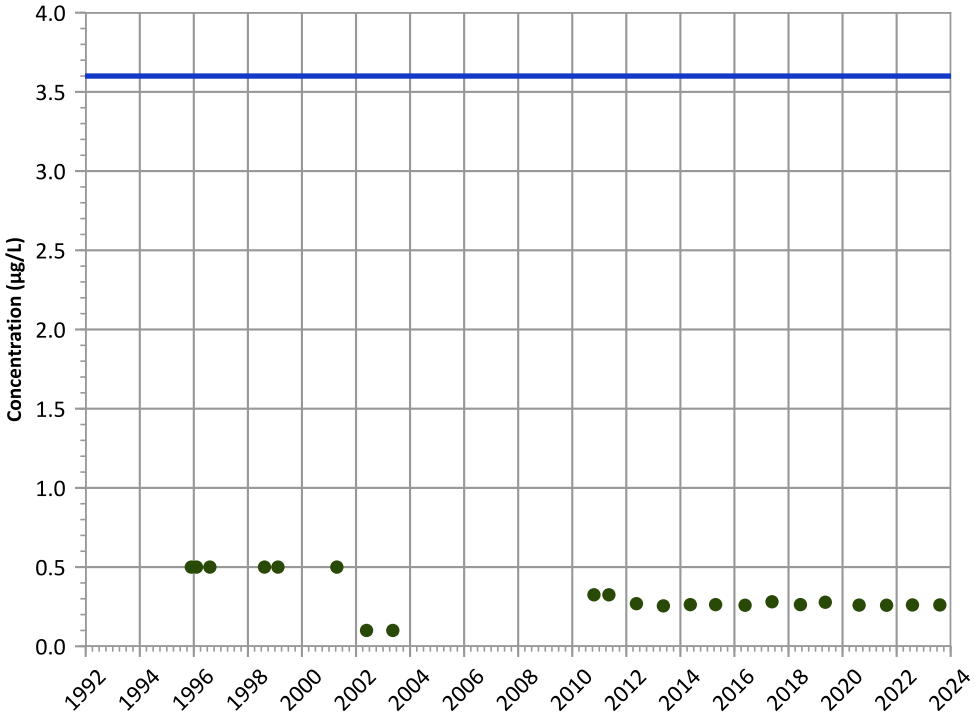
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

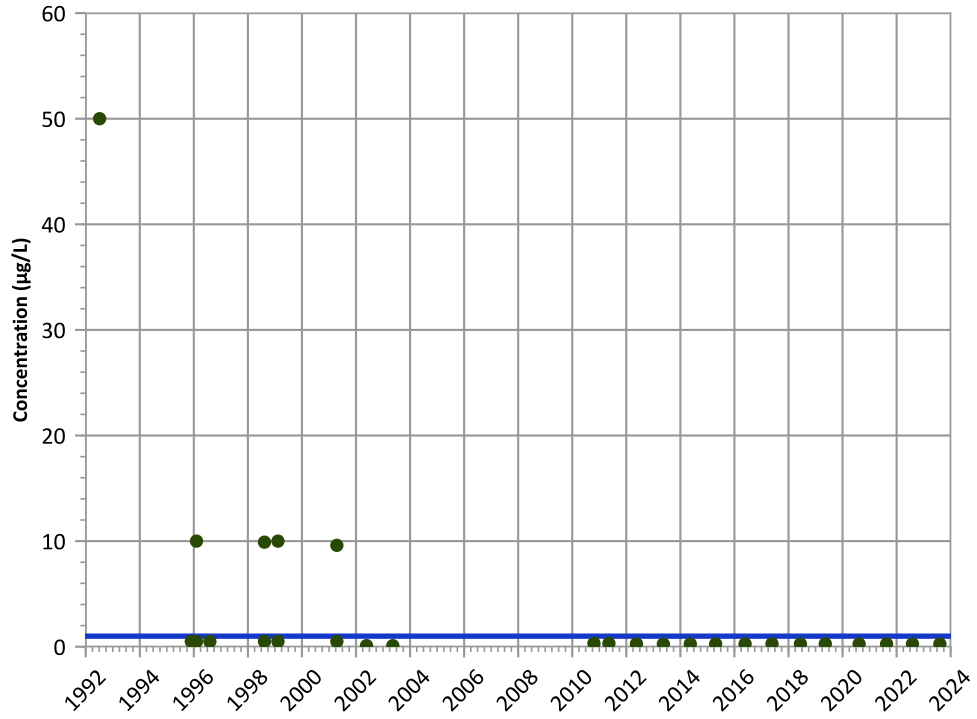


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

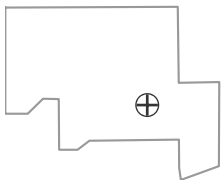
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

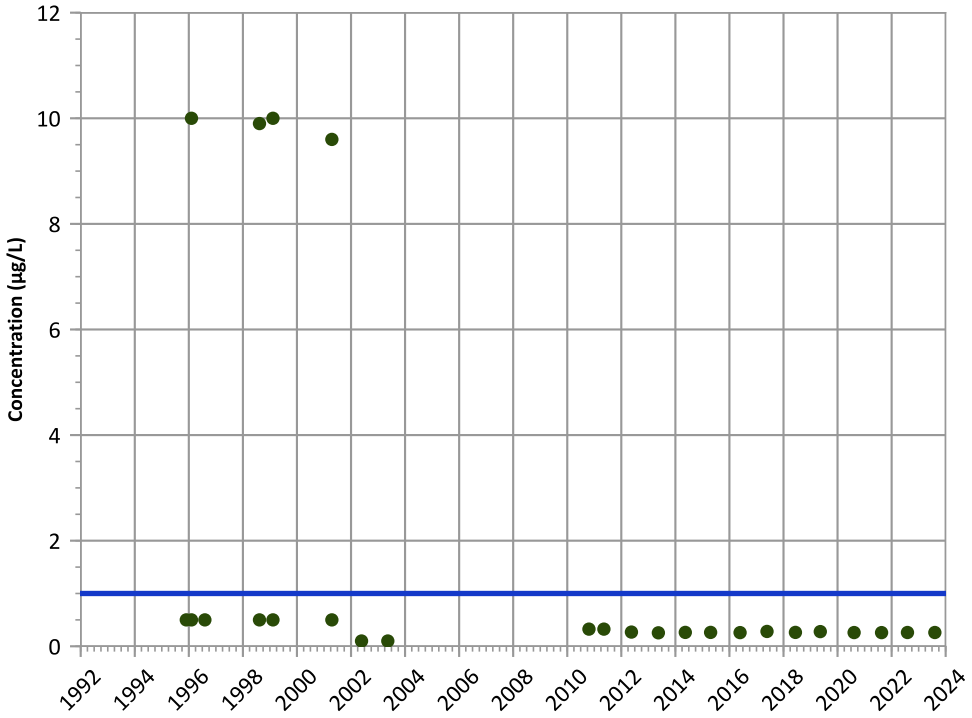
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

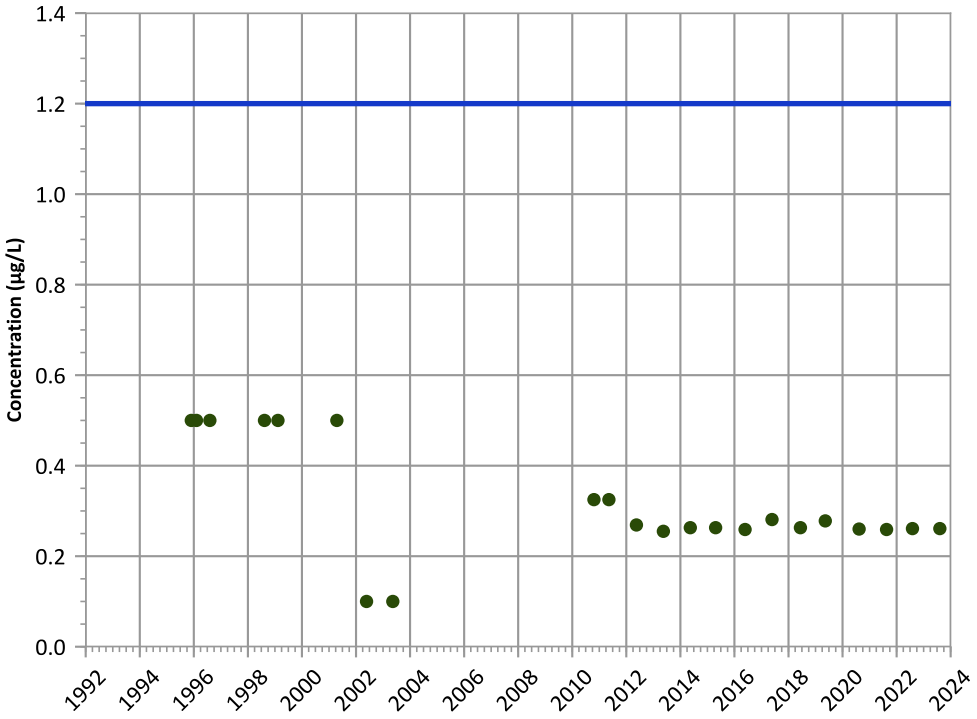
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



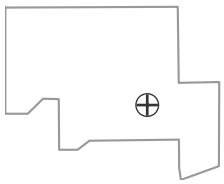
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

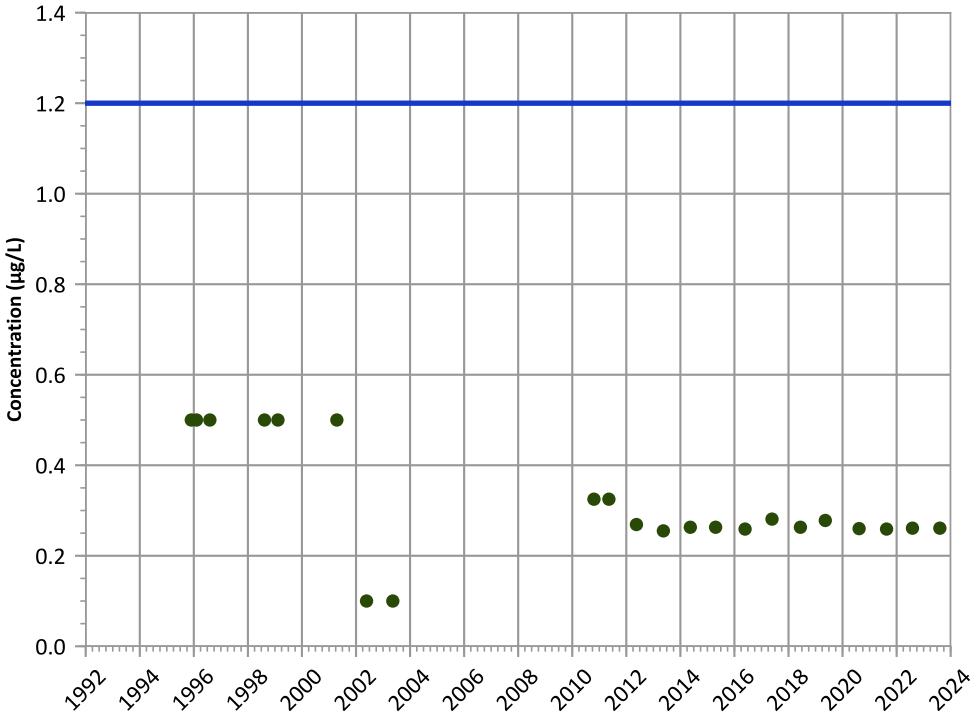
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

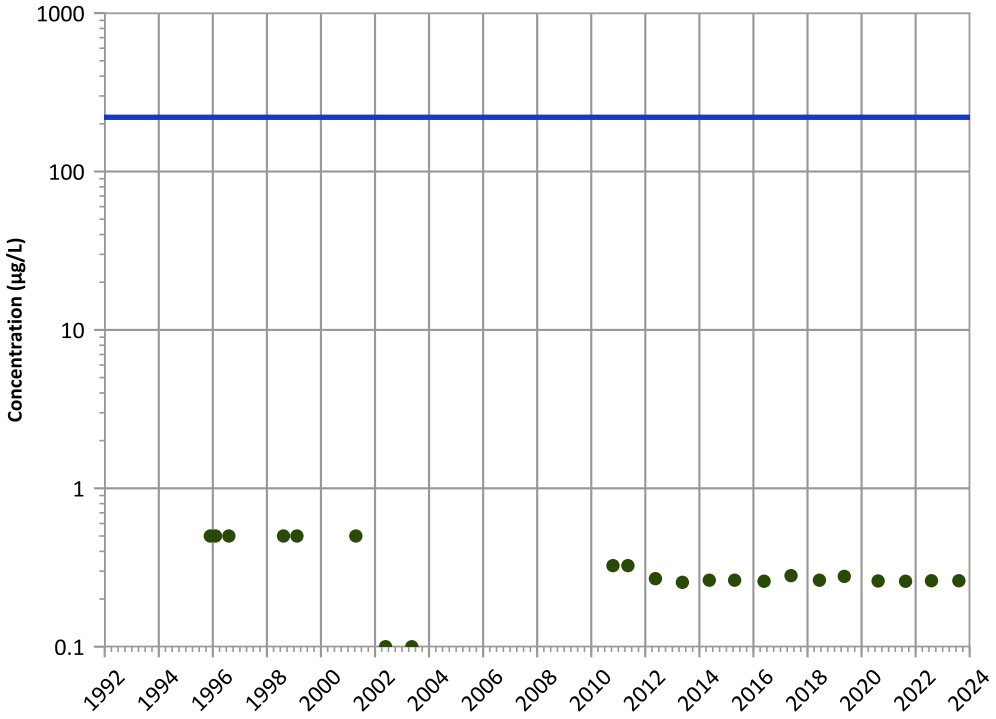


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

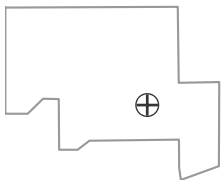
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

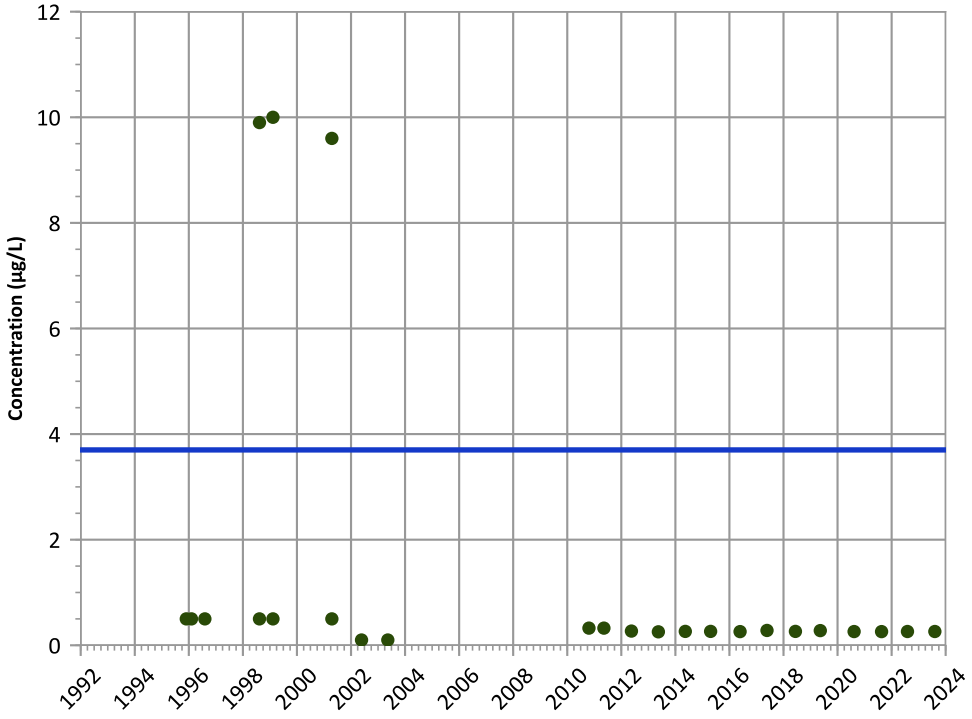
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

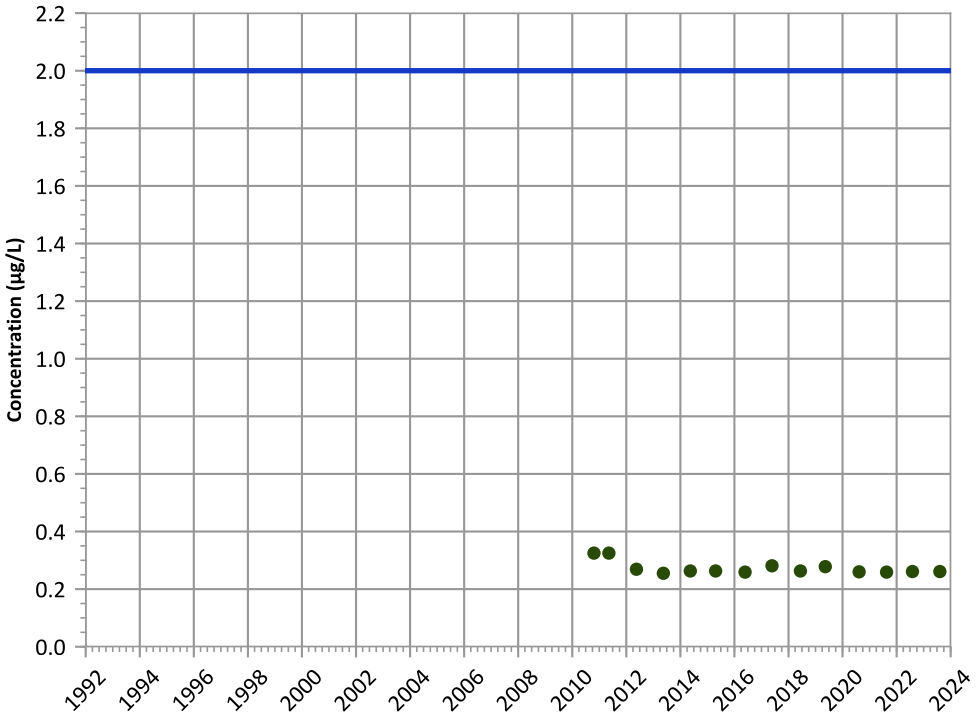


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

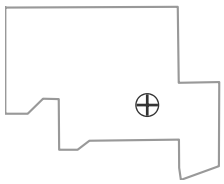
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

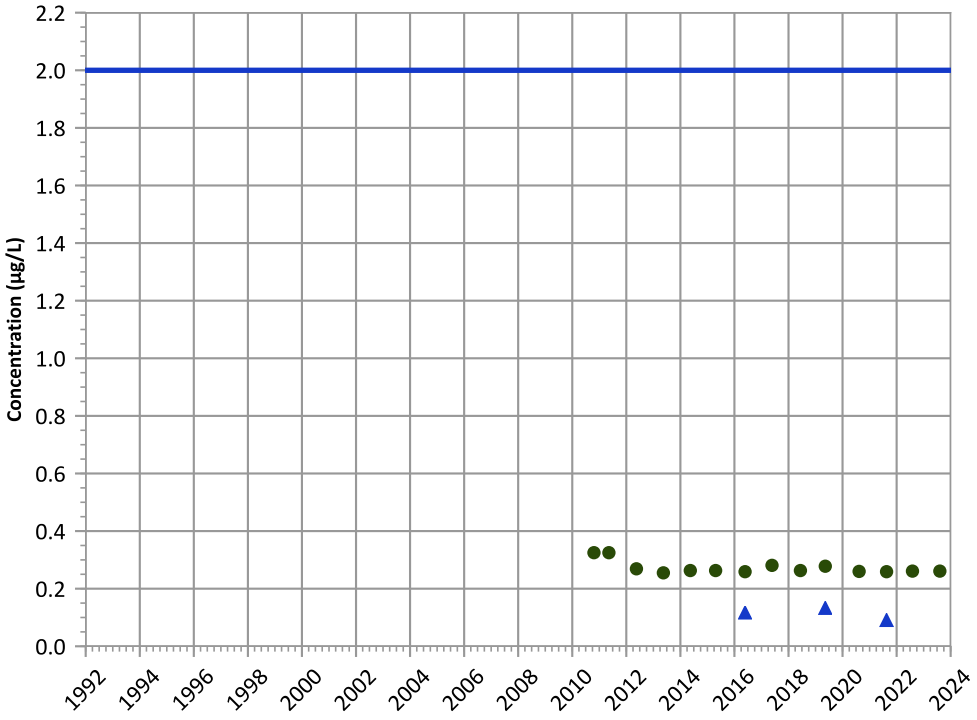
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

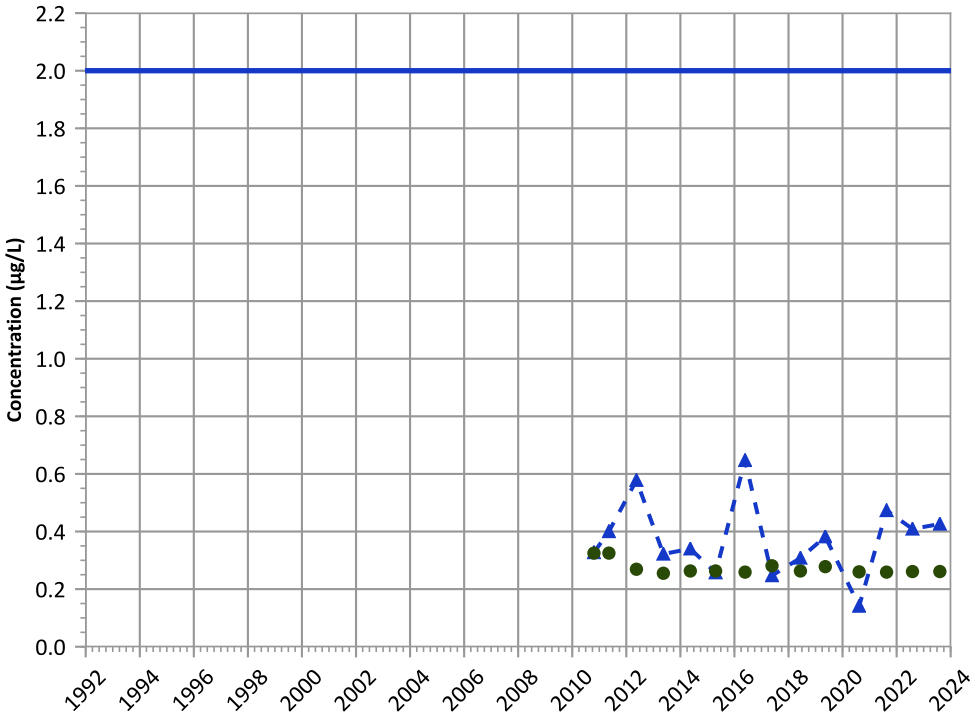


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

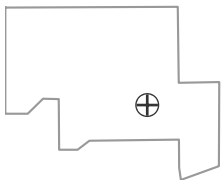
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

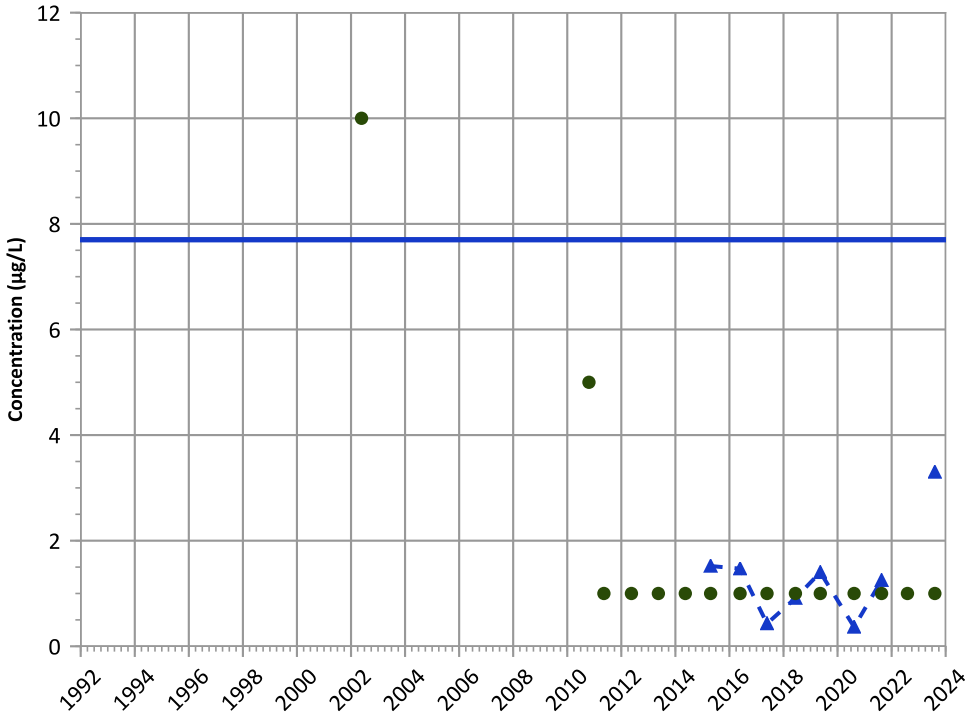
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

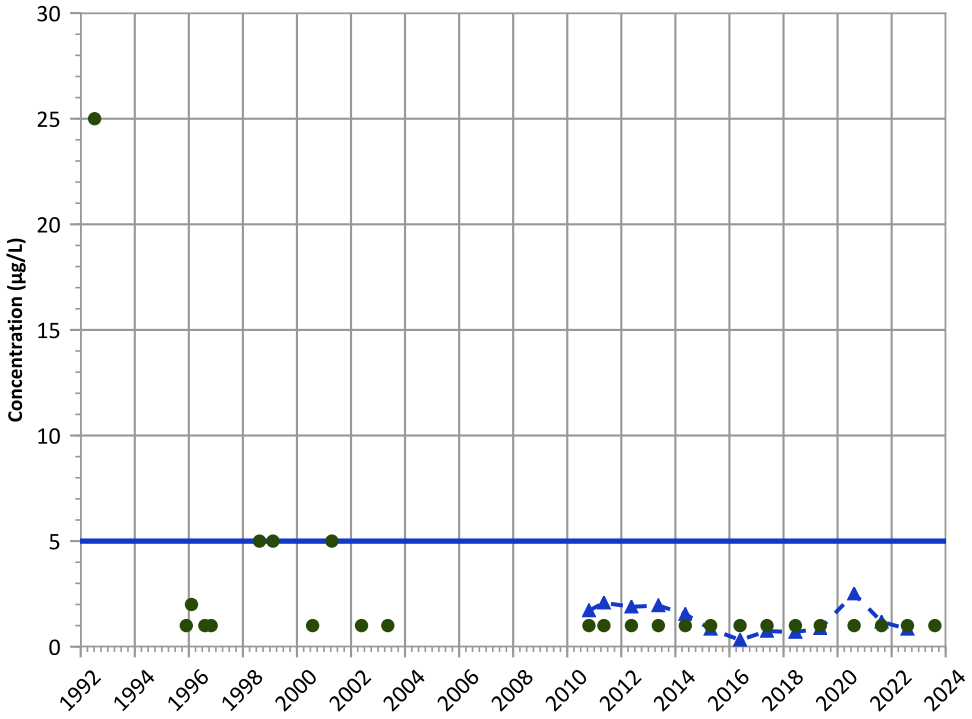


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

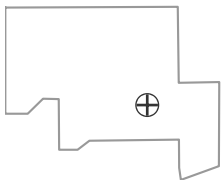
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

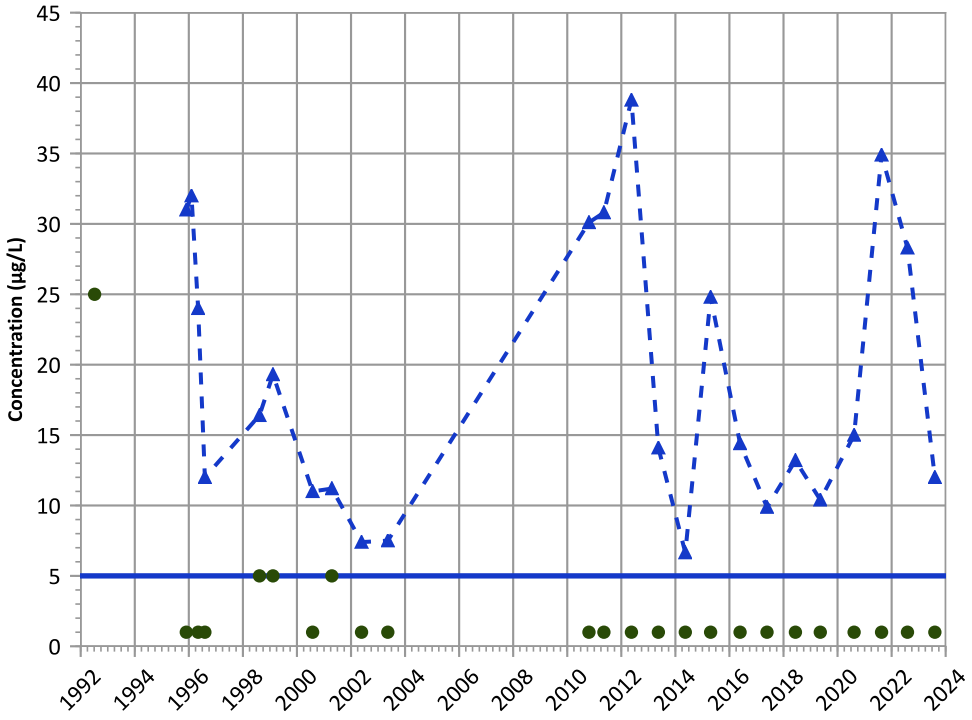
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

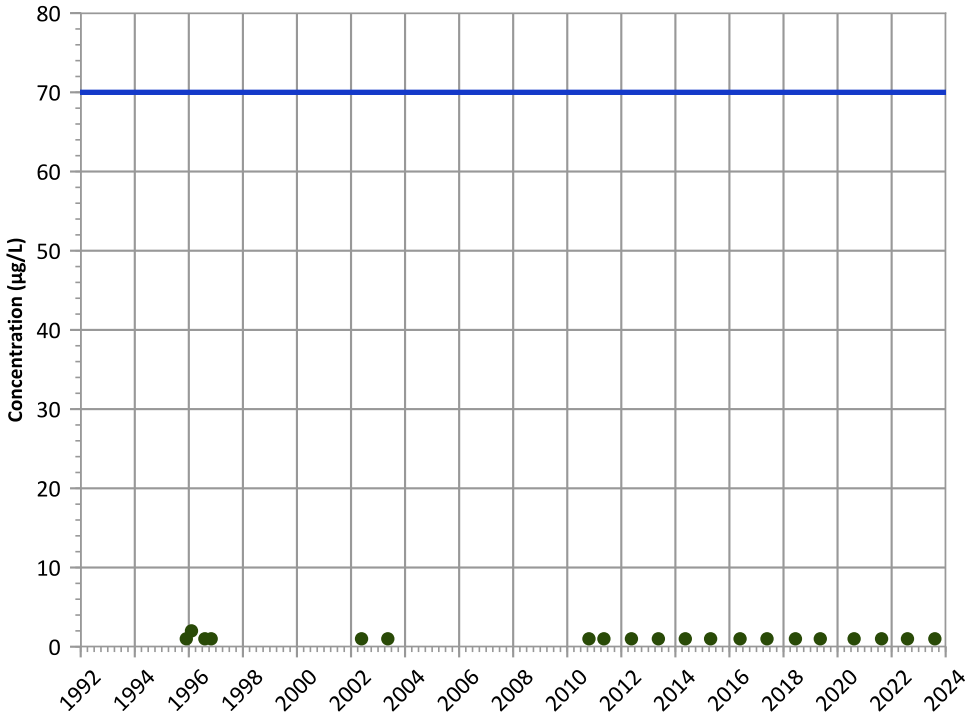


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

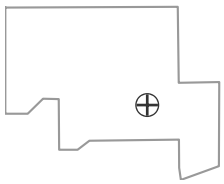
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

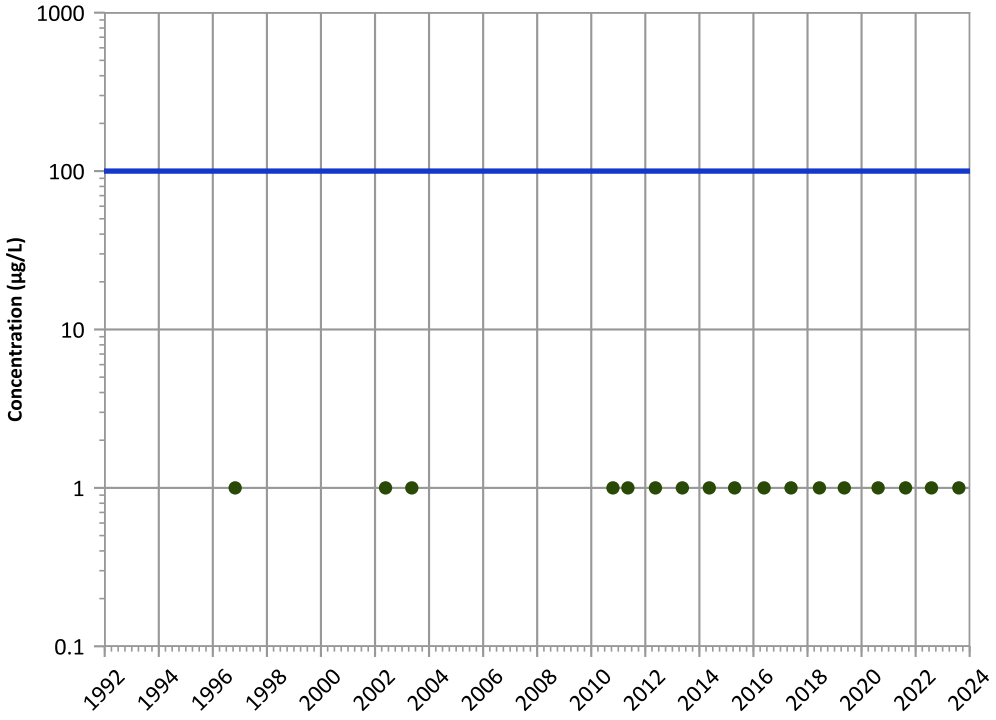
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

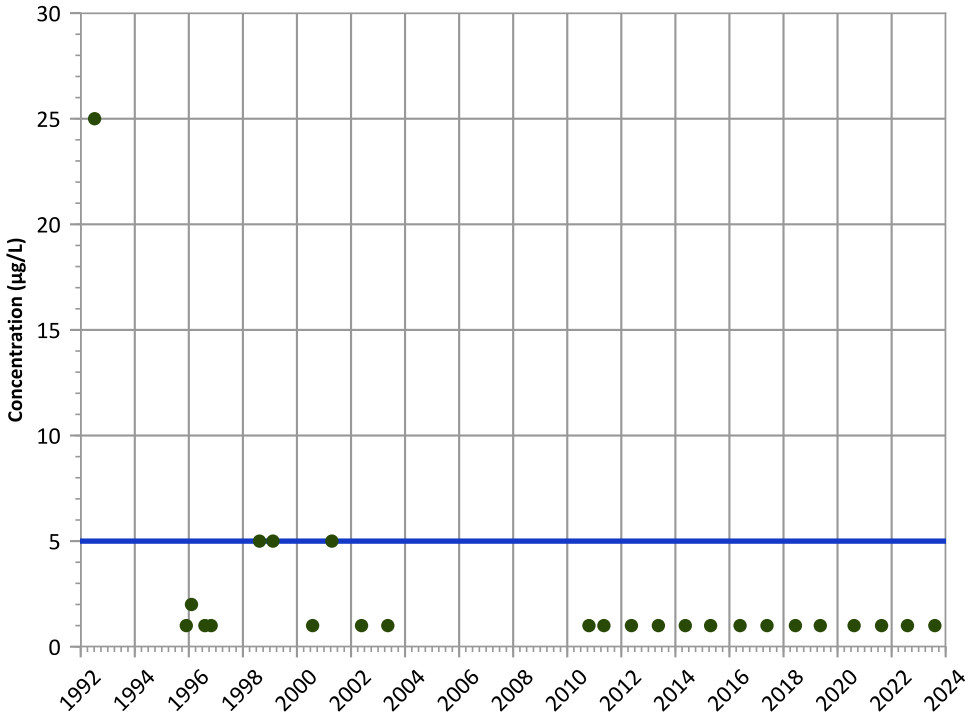


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

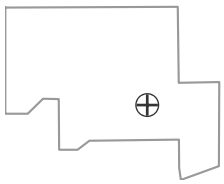
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

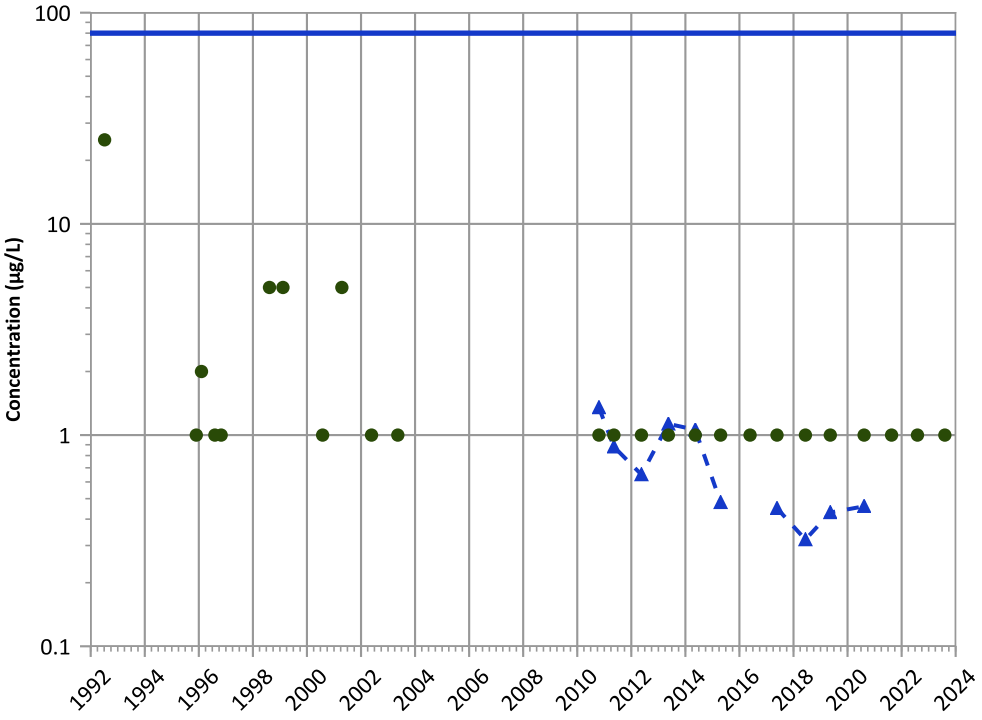
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

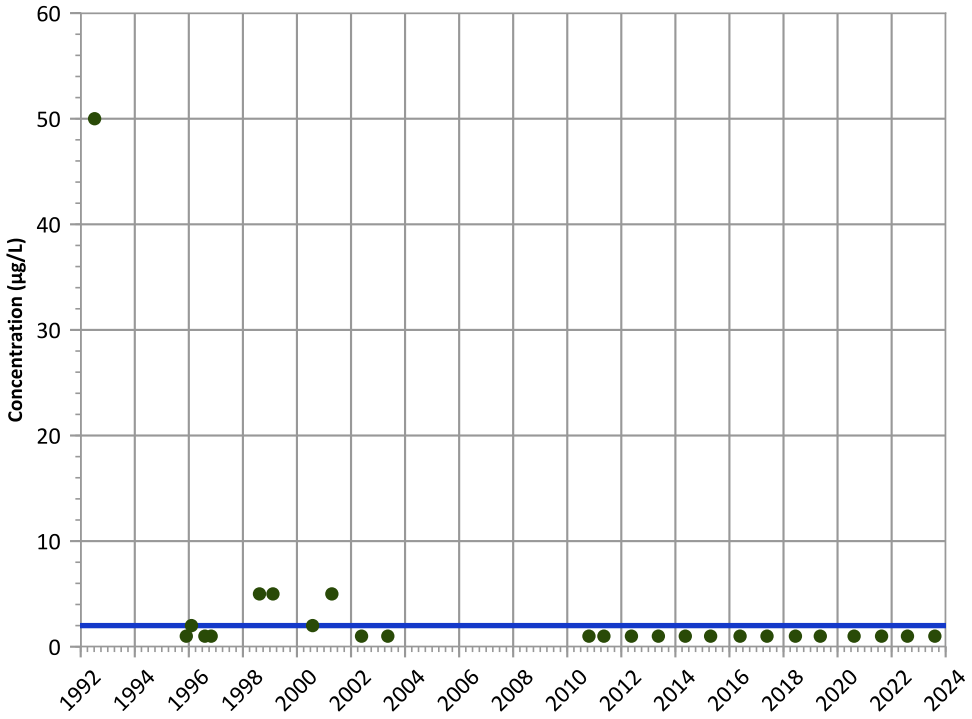


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

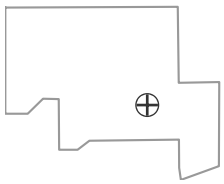
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

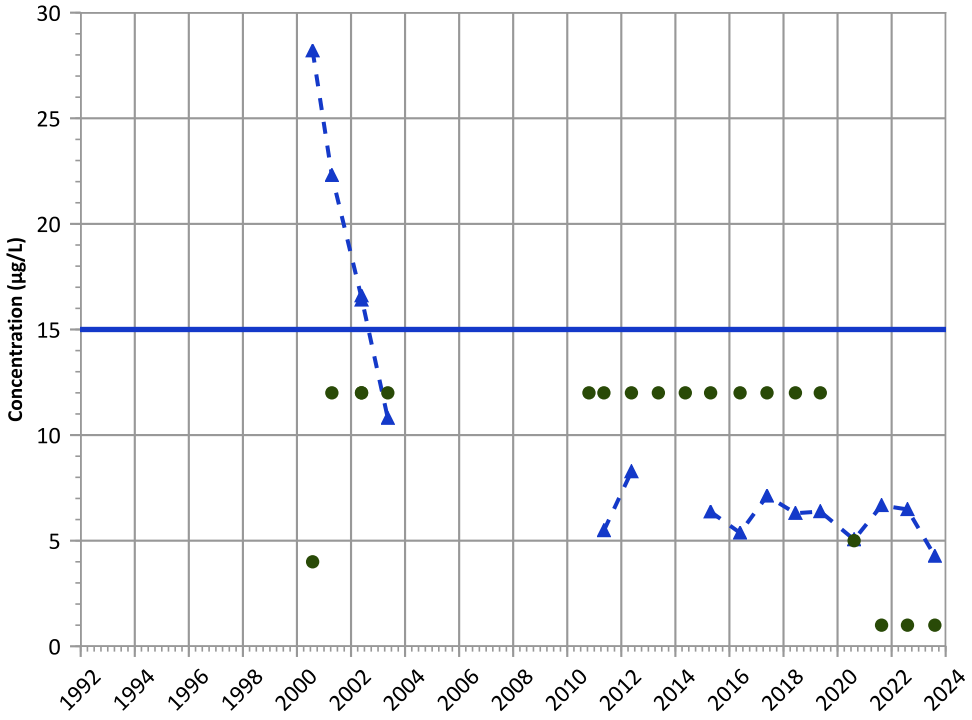
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

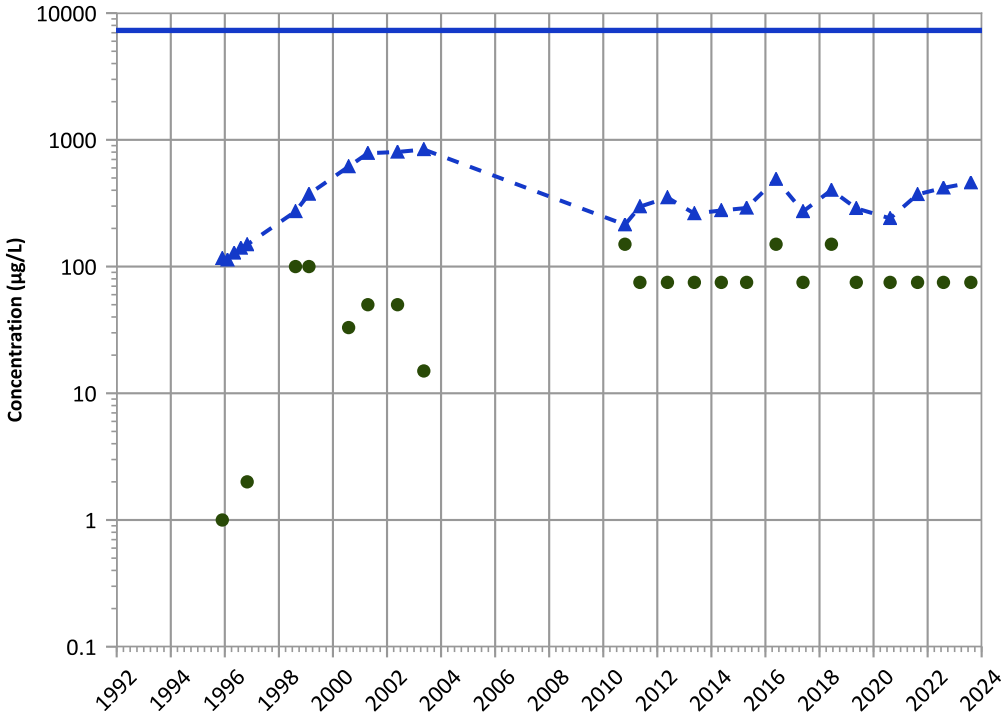


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

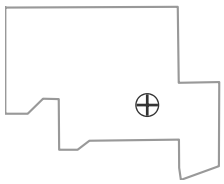
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

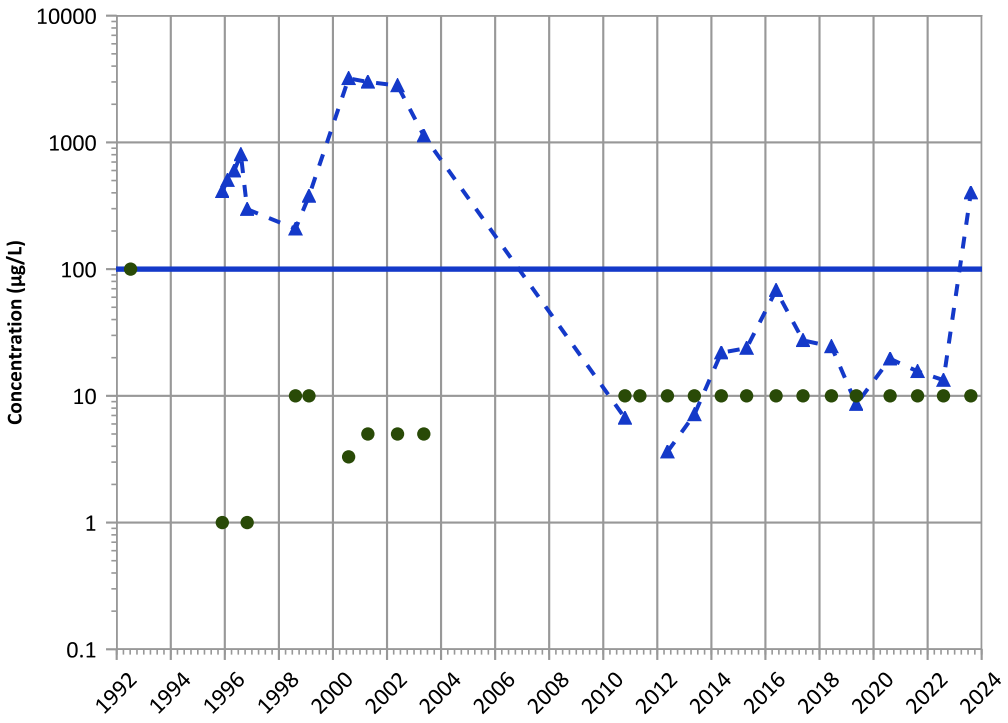
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

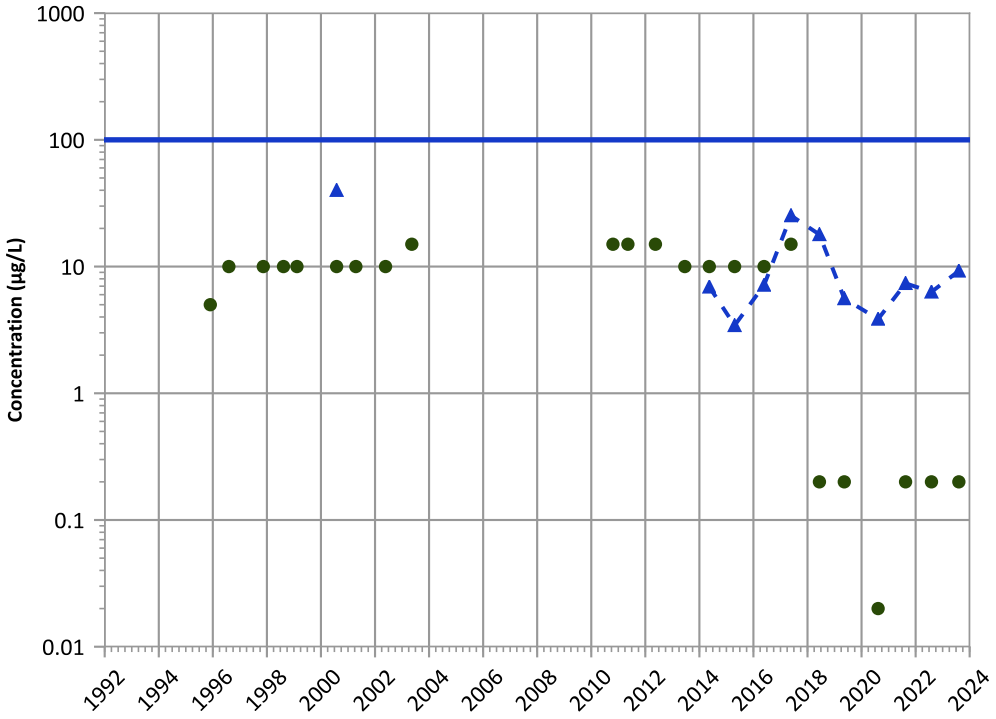


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

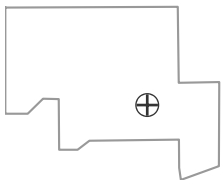
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

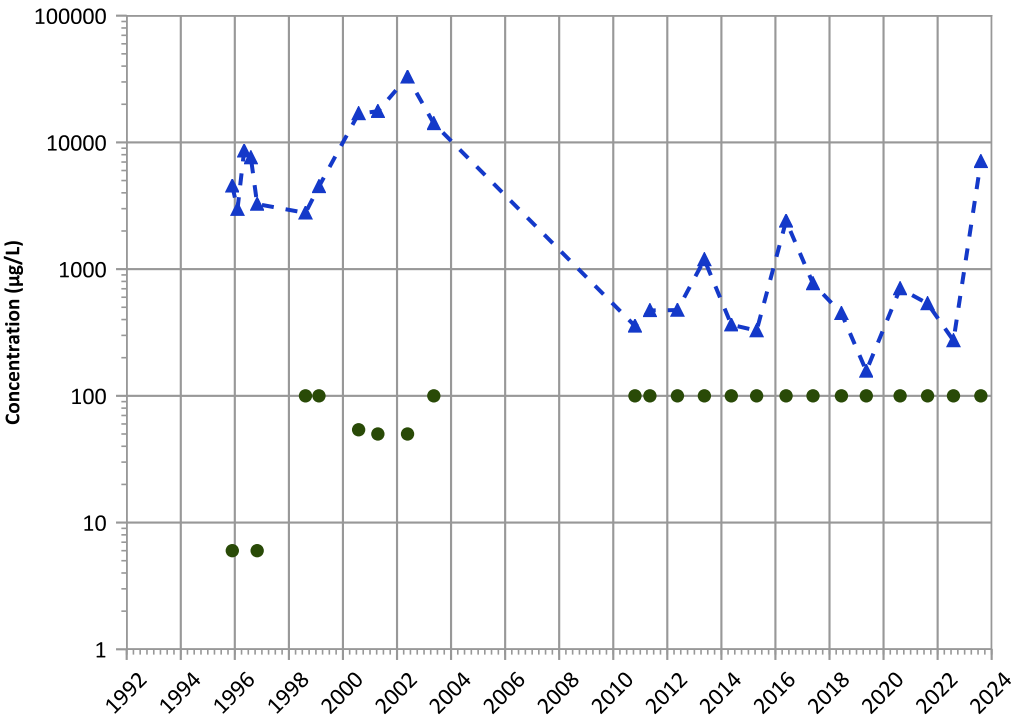
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

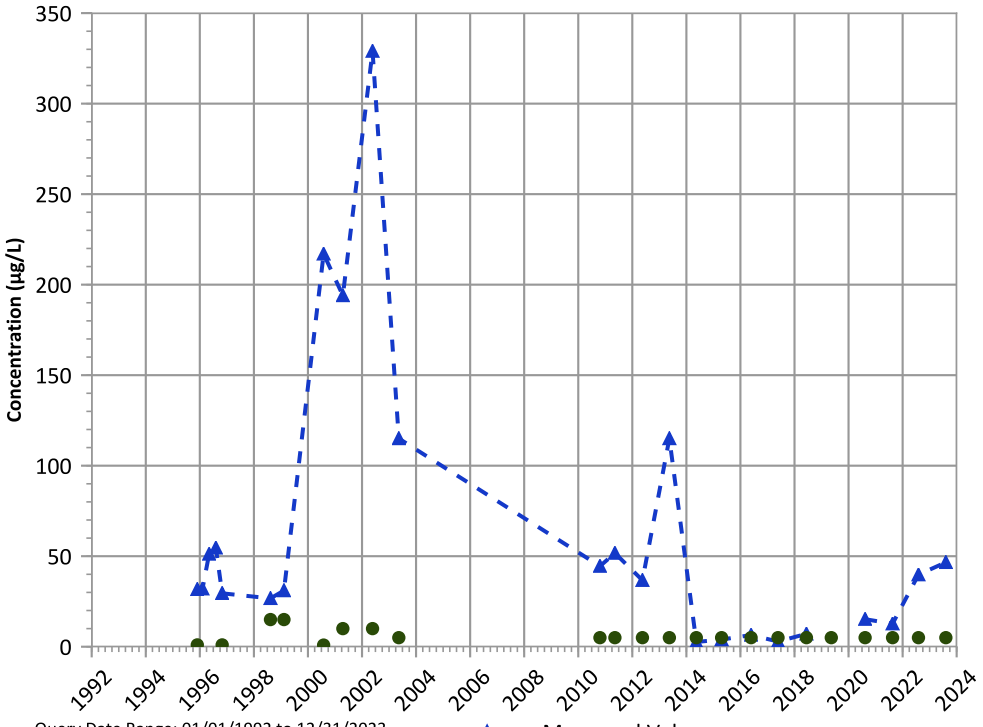


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

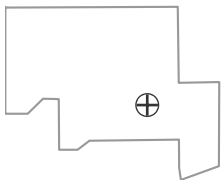
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

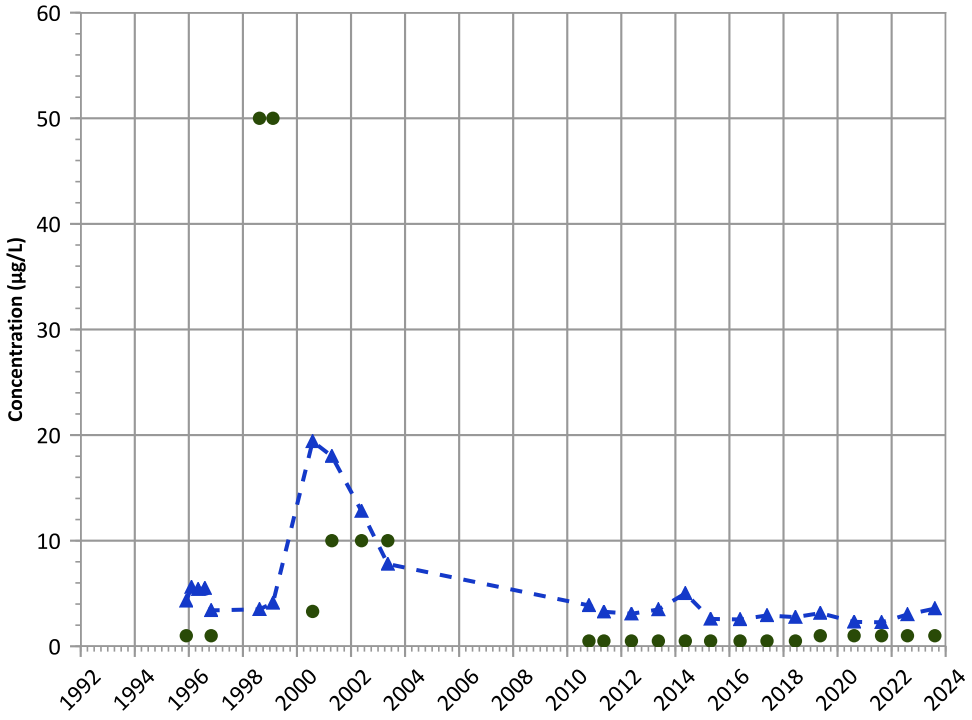
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

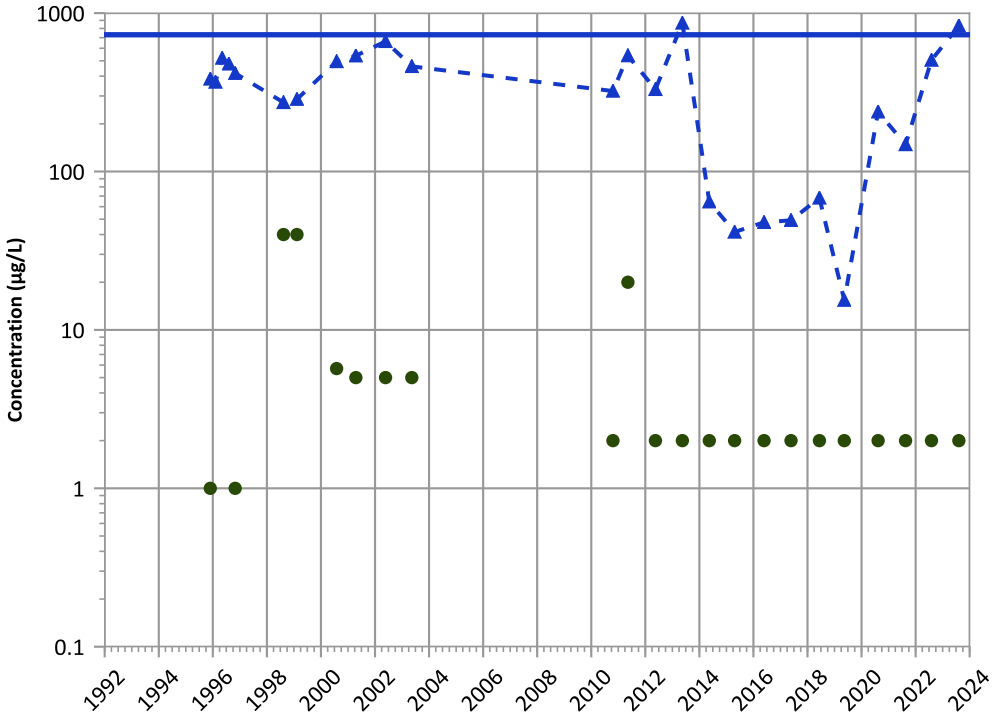


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Nickel Trend



Concentration Trend

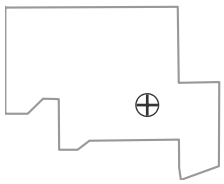
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

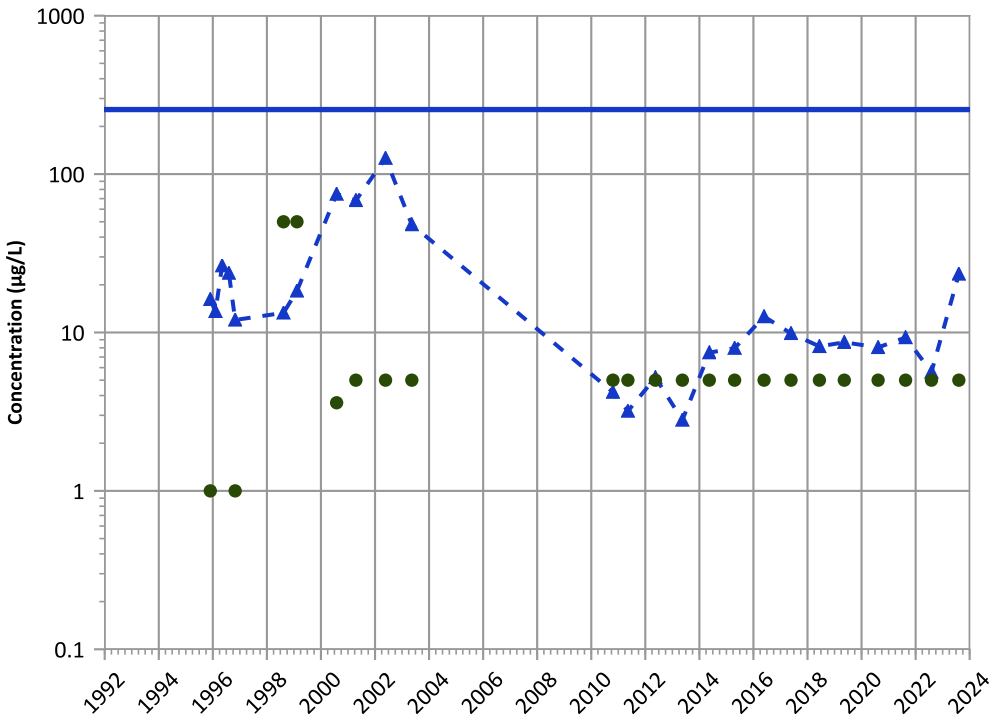
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

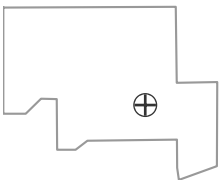
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 07/07/1992 to 08/08/2023
Analysis Date: 04/01/2024

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

Well Location



ISB Treatment Zone Well and Performance Monitoring Well Analyte Concentration Trends

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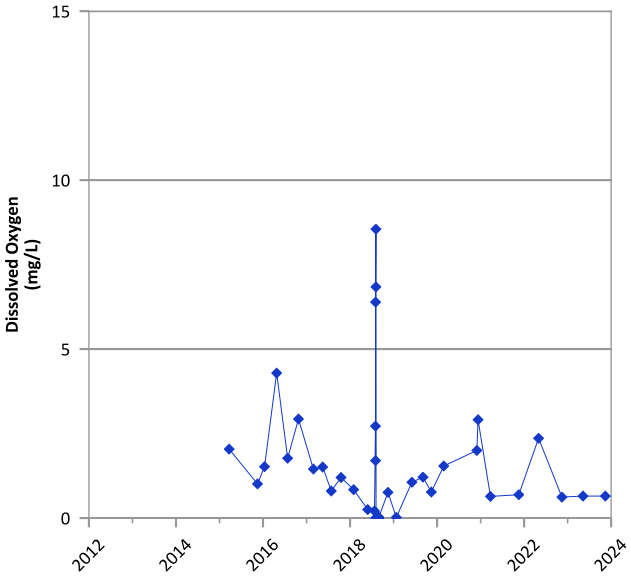
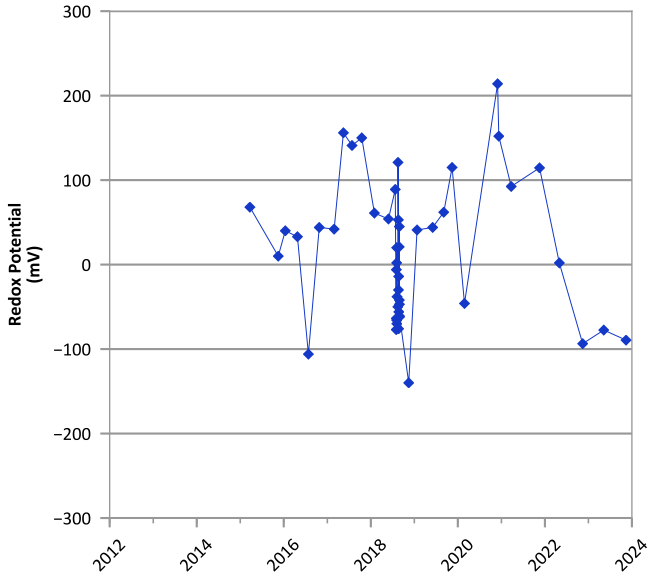
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP	Start_5YRP	End_5YRP
PTX06-1164	633987.48	3755722.37	DIOXANE14	5/10/2023	11/13/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	PCE	3/23/2015	11/13/2023	27	17	No	0.451794223	47.00	0.83	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	27	17	No	0.451794223	47.00	0.83	No Trend	16	12	No	0.410544933	22.00	0.825	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	TCE	3/23/2015	11/13/2023	27	27	No	0.517344834	-82.00	0.954	Decreasing	4	4	No	1.081721591	-4.00	0.833	No Trend	27	27	No	0.517344834	-82.00	0.954	Decreasing	16	16	No	0.481602607	-4.00	0.553	Stable	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	DCE12C	3/23/2015	11/13/2023	27	27	No	1.082964974	91.00	0.97	Increasing	4	4	No	0.637573408	2.00	0.625	No Trend	27	27	No	1.082964974	91.00	0.97	Increasing	16	16	No	1.216734328	29.00	0.8945	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	DCA12	3/23/2015	11/13/2023	27	27	No	0.247500959	65.00	0.908	Probably Increasing	4	4	No	0.179198959	-4.00	0.833	Stable	27	27	No	0.247500959	65.00	0.908	Probably Increasing	16	16	No	0.235803335	49.00	0.9855	Increasing	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	TCLME	3/23/2015	11/13/2023	27	23	No	0.246820235	25.00	0.69	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	27	23	No	0.246820235	25.00	0.69	No Trend	16	15	No	0.29018557	-20.00	0.801	Stable	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	VC	3/23/2015	11/13/2023	27	12	No	1.286991362	158.00	1	Increasing	4	4	No	0.900566887	6.00	0.958	Increasing	27	12	No	1.286991362	158.00	1	Increasing	16	8	No	1.192750353	44.00	0.974	Increasing	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	PERC	3/23/2015	11/13/2023	26	19	No	0.873013899	-227.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	19	No	0.873013899	-227.00	1	Decreasing	16	13	No	0.870396922	-80.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	AS	3/23/2015	11/13/2023	26	10	No	4.597811212	25.00	0.7	No Trend	4	4	No	1.937659013	4.00	0.833	No Trend	26	10	No	4.597811212	25.00	0.7	No Trend	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	BA	3/23/2015	11/13/2023	18	18	No	0.542113745	37.00	0.912	Probably Increasing	4	4	No	0.673832649	2.00	0.625	No Trend	18	18	No	0.542113745	37.00	0.912	Probably Increasing	12	12	No	0.453918577	6.00	0.631	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	FE	3/23/2015	11/13/2023	26	26	No	2.245695586	25.00	0.7	No Trend	4	4	No	1.103895408	4.00	0.833	No Trend	26	26	No	2.245695586	25.00	0.7	No Trend	16	16	No	3.325448654	33.00	0.9235	Probably Increasing	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	MN	3/23/2015	11/13/2023	26	26	No	1.028830467	63.00	0.913	Probably Increasing	4	4	No	0.743867401	0.00	0.375	Stable	26	26	No	1.028830467	63.00	0.913	Probably Increasing	16	16	No	1.067339806	14.00	0.718	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	TVFA	1/14/2016	11/14/2019	16	14	No	1.480615401	-3.00	0.5355	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	14	No	1.480615401	-3.00	0.5355	No Trend	12	10	No	1.388375524	-3.00	0.5535	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	TOC	3/23/2015	11/13/2023	26	24	No	2.512831685	47.00	0.843	No Trend	4	4	No	1.060706787	2.00	0.625	No Trend	26	24	No	2.512831685	47.00	0.843	No Trend	16	15	No	0.809136397	23.00	0.836	No Trend	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	DOC	3/23/2015	11/13/2023	26	26	No	2.438084791	91.00	0.977	Increasing	4	4	No	0.974977583	2.00	0.625	No Trend	26	26	No	2.438084791	91.00	0.977	Increasing	16	16	No	0.714516633	44.00	0.974	Increasing	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	NITRATE	3/23/2015	11/13/2023	26	19	No	0.928050915	-112.00	0.9935	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	19	No	0.928050915	-112.00	0.9935	Decreasing	16	12	No	0.918438277	-26.00	0.867	Stable	1/1/2017	12/31/2021
PTX06-1164	633987.48	3755722.37	SO4	3/23/2015	11/13/2023	26	26	No	0.248142368	48.00	0.848	No Trend	4	4	No	0.19780523	-2.00	0.625	Stable	26	26	No	0.248142368	48.00	0.848	No Trend	16	16	No	0.293848251	19.00	0.788	No Trend	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	DIOXANE14	6/7/2017	11/14/2023	4	4	No	0.209380721	-4.00	0.833	Stable	4	4	No	0.209380721	-4.00	0.833	Stable	4	4	No	0.209380721	-4.00	0.833	Stable	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	PCE	2/22/2016	11/14/2023	11	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	6	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	TCE	2/22/2016	11/14/2023	11	11	No	1.134009876	5.00	0.619	No Trend	4	4	No	0.856114427	2.00	0.625	No Trend	11	11	No	1.134009876	5.00	0.619	No Trend	6	6	No	1.358614227	7.00	0.864	No Trend	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	DCE12C	2/22/2016	11/14/2023	11	11	No	0.250543855	20.00	0.929	Probably Increasing	4	4	No	0.208762552	4.00	0.833	No Trend	11	11	No	0.250543855	20.00	0.929	Probably Increasing	6	6	No	0.142562895	0.00	0.422666667	Stable	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	DCA12	2/22/2016	11/14/2023	11	11	No	0.335269417	-40.00	0.9995	Decreasing	4	4	No	0.18758093	6.00	0.958	Increasing	11	11	No	0.335269417	-40.00	0.9995	Decreasing	6	6	No	0.17221441	-12.00	0.982	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	TCLME	2/22/2016	11/14/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	VC	2/22/2016	11/14/2023	11	9	No	0.756059032	26.00	0.975	Increasing	4	4	No	0.513389215	4.00	0.833	No Trend	11	9	No	0.756059032	26.00	0.975	Increasing	6	5	No	0.829257934	1.00	0.5	No Trend	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	PERC	2/22/2016	11/14/2023	11	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	6	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	AS	2/22/2016	11/14/2023	11	11	No	0.066252121	-11.00	0.777	Stable	4	4	No	0.054306189	-2.00	0.625	Stable	11	11	No	0.066252121	-11.00	0.777	Stable	6	6	No	0.078899791	-12.00	0.982	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	BA	2/22/2016	11/14/2023	11	11	No	0.752463275	-41.00	1	Decreasing	4	4	No	0.062266217	0.00	0.375	Stable	11	11	No	0.752463275	-41.00	1	Decreasing	6	6	No	0.712808329	-12.00	0.982	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	FE	2/22/2016	11/14/2023	11	11	No	0.380152856	-8.00	0.7025	Stable	4	4	No	0.087227825	0.00	0.375	Stable	11	11	No	0.380152856	-8.00	0.7025	Stable	6	6	No	0.476487821	-11.00	0.972	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	MN	2/22/2016	11/14/2023	11	11	No	0.177658991	22.00	0.9485	Probably Increasing	4	4	No	0.114654393	4.00	0.833	No Trend	11	11	No	0.177658991	22.00	0.9485	Probably Increasing	6	6	No	0.121603887	0.00	0.422666667	Stable	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	TVFA	2/22/2016	9/25/2018	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	TOC	2/22/2016	11/14/2023	11	11	No	0.644217987	-34.00	0.996	Decreasing	4	4	No	0.33353519	2.00	0.625	No Trend	11	11	No	0.644217987	-34.00	0.996	Decreasing	6	6	No	0.563342323	-15.00	0.999	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	DOC	2/22/2016	11/14/2023	11	11	No	0.665093761	-35.00	0.997	Decreasing	4	4	No	0.081862978	2.00	0.625	No Trend	11	11	No	0.665093761	-35.00	0.997	Decreasing	6	6	No	0.534032816	-14.00	0.9955	Decreasing	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	NITRATE	2/22/2016	11/14/2023	11	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	6	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1169	634889.61	3755241.66	SO4	2/22/2016	11/14/2023	11	11	No	0.673849767	41.00	1	Increasing	4	4	No	0.053609008	0.00	0.375	Stable	11	11	No	0.673849767	41.00	1	Increasing	6	6	No	0.762560275	11.00	0.972	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	DIOXANE14	6/7/2017	11/14/2023	4	4	No	0.444475392	-4.00	0.833	Stable	4	4	No	0.444475392	-4.00	0.833	Stable	4	4	No	0.444475392	-4.00	0.833	Stable	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	PCE	2/5/2015	11/14/2023	31	9	No	0.722698322	11.00	0.567	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	31	9	No	0.722698322	11.00	0.567	No Trend	18	5	No	0.844676888	-5.00	0.559	Stable	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	TCE	2/5/2015	11/14/2023	31	30	No	0.826217081	-210.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	31	30	No	0.826217081	-210.00	1	Decreasing	18	18	No	0.696958886	-49.00	0.966	Decreasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	DCE12C	2/5/2015	11/14/2023	31	31	No	0.60888086	-226.00	1	Decreasing	4	4	No	0.756056435	-5.00	0.8955	Stable	31	31	No	0.60888086	-226.00	1	Decreasing	18	18	No	0.474389033	-70.00	0.9965	Decreasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	DCA12	2/5/2015	11/14/2023	31	29	No	0.447033124	18.00	0.6125	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	31	29	No	0.447033124	18.00	0.6125	No Trend	18	17	No	0.462404812	59.00	0.987	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	TCLME	2/5/2015	11/14/2023	31	4	No	0.785289425	157.00	0.996	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	31	4	No	0.785289425	157.00	0.996	Increasing	18	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	VC	2/5/2015	11/14/2023	31	10	No	1.802890263	213.00	1	Increasing	4	4	No	1.111886421	0.00	0.375	No Trend	31	10	No	1.802890263	213.00	1	Increasing	18	6	No	1.6413691	82.00	0.999	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	PERC	2/5/2015	11/14/2023	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	28	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	AS	2/5/2015	11/14/2023	28	28	No	0.601132334	16.00	0.615	No Trend	4	4	No	0.426093655	6.00	0.958	Increasing	28	28	No	0.601132334	16.00	0.615	No Trend	16	16	No	0.284491205	20.00	0.801	No Trend	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	BA	1/30/2018	11/14/2023	16	16	No	0.846404813	101.00	1	Increasing	4	4	No	0.211921595	2.00	0.625	No Trend	16	16	No	0.846404813	101.00	1	Increasing	12	12	No	0.639827638	51.00	1	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	FE	2/5/2015	11/14/2023	28	28	No	1.636894623	213.00	1	Increasing	4	4	No	0.427992975	6.00	0.958	Increasing	28	28	No	1.636894623	213.00	1	Increasing	16	16	No	0.834556728	37.00	0.947	Probably Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	MN	2/5/2015	11/14/2023	28	28	No	0.65075353	196.00	1	Increasing	4	4	No	0.28352488	-2.00	0.625	Stable	28	28	No	0.65075353	196.00	1	Increasing	16	16	No	0.375163764	44.00	0.974	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	TVFA	2/5/2015	11/18/2019	20	18	No	2.358234439	-11.00	0.6255	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	20	18	No	2.358234439	-11.00	0.6255	No Trend	12	10	No	1.137825819	25.00	0.9495	Probably Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	TOC	2/5/2015	11/14/2023	28	28	No	1.673639794	69.00	0.9095	Probably Increasing	4	4	No	0.431355843	2.00	0.625	No Trend	28	28	No	1.673639794	69.00	0.9095	Probably Increasing	16	16	No	1.057085264	28.00	0.886	No Trend	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	DOC	2/5/2015	11/14/2023	28	28	No	1.646354133	82.00	0.945	Probably Increasing	4	4	No	0.467007541	0.00	0.375	Stable	28	28	No	1.646354133	82.00	0.945	Probably Increasing	16	16	No	1.013489607	44.00	0.974	Increasing	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	NITRATE	2/5/2015	11/14/2023	28	5	No	0.613617887	96.00	0.97	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	28	5	No	0.613617887	96.00	0.97	Increasing	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1170	634569.69	3755442.71	SO4	2/5/2015	11/14/2023	27	26	No	1.173685467	-180.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	27	26	No	1.173685467	-180.00	1	Decreasing	16	16	No	0.430542024	-41.00	0.9645	Decreasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	DIOXANE14	4/19/2023	11/13/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	PCE	3/17/2015	11/13/2023	26	5	No	0.317389338	5.00	0.535	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	26	5	No	0.317389338	5.00	0.535	No Trend	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	TCE	3/17/2015	11/13/2023	26	19	No	1.436263078	-192.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	26	19	No	1.436263078	-192.00	1	Decreasing	16	13	No	1.420100332	-71.00	0.9995	Decreasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	DCE12C	3/17/2015	11/13/2023	26	23	No	1.083471306	-125.00	0.997	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	23	No	1.083471306	-125.00	0.997	Decreasing	16	16	No	0.842151581	-89.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	DCA12	3/17/2015	11/13/2023	26	25	No	0.526683577	-169.00	1	Decreasing	4	4	No	0.187389839	-2.00	0.625	Stable	26	25	No	0.526683577	-169.00	1	Decreasing	16	15	No	0.485243631	-52.00	0.99	Decreasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	TCLME	3/17/2015	11/13/2023	26	12	No	0.650796041	-8.00	0.5605	Stable	4	0	Yes	0	0.00	0	All Non-Detect	26	12	No	0.650796041	-8.00	0.5605	Stable	16	6	No	0.254493011	47.00	0.9815	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	VC	3/17/2015	11/13/2023	26	7	No	1.66788179	6.00	0.5435	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	7	No	1.66788179	6.00	0.5435	No Trend	16	6	No	1.608825058	19.00	0.788	No Trend	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	PERC	3/17/2015	11/13/2023	25	10	No	1.676595453	-226.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	10	No	1.676595453	-226.00	1	Decreasing	16	5	No	1.069618104	-82.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	AS	3/17/2015	11/13/2023	25	23	No	0.978949567	204.00	1	Increasing	4	4	No	0.149875766	2.00	0.625	No Trend	25	23	No	0.978949567	204.00	1	Increasing	16	15	No	0.924254657	69.00	0.999	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	BA	3/17/2015	11/13/2023	17	17	No	0.765498031	104.00	1	Increasing	4	4	No	0.231693272	2.00	0.625	No Trend	17	17	No	0.765498031	104.00	1	Increasing	12	12	No	0.699344179	41.00	0.9975	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	FE	3/17/2015	11/13/2023	25	21	No	1.354172565	182.00	1	Increasing	4	4	No	0.196448997	6.00	0.958	Increasing	25	21	No	1.354172565	182.00	1	Increasing	16	16	No	1.285037115	63.00	0.998	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	MN	3/17/2015	11/13/2023	25	25	No	2.165064109	66.00	0.935	Probably Increasing	4	4	No	0.428751108	2.00	0.625	No Trend	25	25	No	2.165064109	66.00	0.935	Probably Increasing	16	16	No	1.914936387	-8.00	0.622	No Trend	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	TVFA	1/18/2016	11/18/2019	16	15	No	3.898202964	30.00	0.903	Probably Increasing	4	4	No	1.778185059	-4.00	0.833	No Trend	16	15	No	3.898202964	30.00	0.903	Probably Increasing	12	11	No	3.379163474	18.00	0.875	No Trend	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	TOC	3/17/2015	11/13/2023	25	22	No	1.804484636	224.00	1	Increasing	4	4	No	0.608179582	6.00	0.958	Increasing	25	22	No	1.804484636	224.00	1	Increasing	16	16	No	1.957713947	74.00	1	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	DOC	3/17/2015	11/13/2023	25	25	No	1.863745533	227.00	1	Increasing	4	4	No	0.521994597	6.00	0.958	Increasing	25	25	No	1.863745533	227.00	1	Increasing	16	16	No	2.055234513	71.00	0.9995	Increasing	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	NITRATE	3/17/2015	11/13/2023	25	9	No	1.768280049	-88.00	0.979	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	9	No	1.768280049	-88.00	0.979	Decreasing	16	4	No	2.613158804	2.00	0.518	No Trend	1/1/2017	12/31/2021
PTX06-1176	634114.06	3755500.53	SO4	3/17/2015	11/13/2023	23	21	No	1.2028013	-207.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	21	No	1.2028013	-207.00	1	Decreasing	15	15	No	1.067619422	-71.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	DIOXANE14	4/19/2023	11/13/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	PCE	3/17/2015	11/13/2023	26	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	26	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	TCE	3/17/2015	11/13/2023	26	20	No	1.859484902	-117.00	0.995	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	20	No	1.859484902	-117.00	0.995	Decreasing	16	12	No	0.97799992	11.00	0.671	No Trend	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	DCE12C	3/17/2015	11/13/2023	26	25	No	0.953426865	-22.00	0.6765	Stable	4	4	No	0.760045485	-4.00	0.833	Stable	26	25	No	0.953426865	-22.00	0.6765	Stable	16	15	No	0.675563401	-75.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	DCA12	3/17/2015	11/13/2023	26	25	No	0.455828356	28.00	0.7225	No Trend	4	4	No	0.179928893	0.00	0.375	Stable	26	25	No	0.455828356	28.00	0.7225	No Trend	16	15	No	0.573916762	-11.00	0.671	Stable	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	TCLME	3/17/2015	11/13/2023	26	5	No	0.631029082	-93.00	0.979	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	26	5	No	0.631029082	-93.00	0.979	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	VC	3/17/2015	11/13/2023	26	5	No	1.619293198	111.00	0.993	Increasing	4	4	No	0.18737421	-4.00	0.833	Stable	26	5	No	1.619293198	111.00	0.993	Increasing	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	PERC	3/17/2015	11/13/2023	25	5	No	1.827105698	-150.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	5	No	1.827105698	-150.00	1	Decreasing	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	AS	3/17/2015	11/13/2023	25	25	No	0.930578786	134.00	0.999	Increasing	4	4	No	0.114357699	-2.00	0.625	Stable	25	25	No	0.930578786	134.00	0.999	Increasing	16	16	No	0.8421418	46.00	0.979	Increasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	BA	3/17/2015	11/13/2023	17	17	No	0.573382843	44.00	0.962	Increasing	4	4	No	0.170205602	0.00	0.375	Stable	17	17	No	0.573382843	44.00	0.962	Increasing	12	12	No	0.597236066	16.00	0.845	No Trend	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	FE	3/17/2015	11/13/2023	25	25	No	1.519619928	111.00	0.9955	Increasing	4	4	No	0.161064373	-2.00	0.625	Stable	25	25	No	1.519619928	111.00	0.9955	Increasing	16	16	No	1.425065512	40.00	0.961	Increasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	MN	3/17/2015	11/13/2023	25	25	No	1.879788731	-89.00	0.9805	Decreasing	4	4	No	0.150409642	-2.00	0.625	Stable	25	25	No	1.879788731	-89.00	0.9805	Decreasing	16	16	No	1.544127038	-73.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	TVFA	1/18/2016	11/14/2019	16	15	No	2.860081063	-24.00	0.847	No Trend	4	4	No	1.180510498	-4.00	0.833	No Trend	16	15	No	2.860081063	-24.00	0.847	No Trend	12	11	No	3.170723454	-4.00	0.58	No Trend	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	TOC	3/17/2015	11/13/2023	25	25	No	2.188958655	80.00	0.968	Increasing	4	4	No	0.585391442	2.00	0.625	No Trend	25	25	No	2.188958655	80.00	0.968	Increasing	16	16	No	2.046678853	34.00	0.93	Probably Increasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	DOC	3/17/2015	11/13/2023	25	25	No	2.221706485	79.00	0.966	Increasing	4	4	No	0.602098533	2.00	0.625	No Trend	25	25	No	2.221706485	79.00	0.966	Increasing	16	16	No	2.085801613	33.00	0.9235	Probably Increasing	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	NITRATE	3/17/2015	11/13/2023	25	5	No	1.427719471	-49.00	0.867	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	25	5	No	1.427719471	-49.00	0.867	No Trend	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1177	633524.62	3755818.55	SO4	3/17/2015	11/13/2023	25	23	No	1.319122368	-117.00	0.997	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	23	No	1.319122368	-117.00	0.997	Decreasing	16	15	No	1.51325837	-25.00	0.857	No Trend	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	RDX	8/20/2018	10/18/2023	11	9	No	0.567423464	7.00	0.676	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.567423464	7.00	0.676	No Trend	7	7	No	0.2643199	19.00	0.999	Increasing	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	HMX	8/20/2018	10/18/2023	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNX	8/20/2018	10/18/2023	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TNX	8/20/2018	10/18/2023	11	9	No	0.610350737	-3.00	0.56	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.610350737	-3.00	0.56	Stable	7	7	No	0.205802623	1.00	0.5	No Trend	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	MNX	8/20/2018	10/18/2023	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TNT	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNT24	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNT26	8/20/2018	10/18/2023	11	8	No	0.203489983	-7.00	0.676	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	8	No	0.203489983	-7.00	0.676	Stable	7	7	No	0.072299236	-3.00	0.614	Stable	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNT2A	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNT4A	8/20/2018	10/18/2023	11	9	No	0.520722011	-43.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.520722011	-43.00	1	Decreasing	7	7	No	0.110853226	-9.00	0.881	Stable	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TNB135	8/20/2018	10/18/2023	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DNB13	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	PCE	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TCE	8/20/2018	10/18/2023	11	4	No	0.460094838	24.00	0.9635	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	11	4	No	0.460094838	24.00	0.9635	Increasing	7	4	No	0.173094941	8.00	0.845	No Trend	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DCE12C	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DCA12	8/20/2018	10/18/2023	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TCLME	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	VC	8/20/2018	10/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	B	8/20/2018	2/7/2023	10	10	No	0.27494985	39.00	1	Increasing	4	4	No	0.343512584	6.00	0.958	Increasing	10	10	No	0.27494985	39.00	1	Increasing	7	7	No	0.068734329	17.00	0.995	Increasing	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	CR	8/20/2018	2/7/2023	10	8	No	0.232321853	-14.00	0.873	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	8	No	0.232321853	-14.00	0.873	Stable	7	6	No	0.250431806	-11.00	0.932	Probably Decreasing	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	CR-6	8/20/2018	2/7/2023	10	9	No	0.458050037	-3.00	0.569	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	9	No	0.458050037	-3.00	0.569	Stable	7	7	No	0.252970504	5.00	0.719	No Trend	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	AS	10/18/2023	10/18/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	BA	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	FE	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	MN	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	TOC	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	DOC	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	NITRATE	2/26/2020	10/18/2023	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1197	649782.14	3750355.29	SO4	2/26/2020	10/18/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	DIOXANE14	10/19/2021	11/8/2023	4	4	No	0.644143981	-2.00	0.625	Stable	4	4	No	0.644143981	-2.00	0.625	Stable	4	4	No	0.644143981	-2.00	0.625	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	PCE	10/19/2021	11/8/2023	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	TCE	10/19/2021	11/8/2023	5	4	No	1.941892127	-6.00	0.883	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	4	No	1.941892127	-6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	DCE12C	10/19/2021	11/8/2023	5	5	No	0.936680714	-4.00	0.758	Stable	4	4	No	0.800132887	-6.00	0.958	Decreasing	5	5	No	0.936680714	-4.00	0.758	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	DCA12	10/19/2021	11/8/2023	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	TCLME	10/19/2021	11/8/2023	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	VC	10/19/2021	11/8/2023	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	PERC	10/19/2021	11/8/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	AS	10/19/2021	11/8/2023	5	4	No	0.644868214	4.00	0.758	No Trend	4	4	No	0.38914064	0.00	0.375	Stable	5	4	No	0.644868214	4.00	0.758	No Trend	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	BA	10/19/2021	11/8/2023	5	5	No	0.633789962	6.00	0.883	No Trend	4	4	No	0.385543049	2.00	0.625	No Trend	5	5	No	0.633789962	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	FE	10/19/2021	11/8/2023	5	5	No	0.952593233	2.00	0.592	No Trend	4	4	No	0.727427251	-2.00	0.625	Stable	5	5	No	0.952593233	2.00	0.592	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	MN	10/19/2021	11/8/2023	5	5	No	0.965840878	4.00	0.758	No Trend	4	4	No	0.770640459	0.00	0.375	Stable	5	5	No	0.965840878	4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	TOC	10/19/2021	11/8/2023	5	5	No	1.052609637	6.00	0.883	No Trend	4	4	No	0.830460679	2.00	0.625	No Trend	5	5	No	1.052609637	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	DOC	5/2/2022	11/8/2023	4	4	No	0.896912399	2.00	0.625	No Trend	4	4	No	0.896912399	2.00	0.625	No Trend	4	4	No	0.896912399	2.00	0.625	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	NITRATE	10/19/2021	11/8/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1209	635261.07	3755063.54	SO4	10/19/2021	11/8/2023	5	4	No	1.16058549	-4.00	0.758	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	4	No	1.16058549	-4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	DIOXANE14	10/19/2021	11/8/2023	4	4	No	1.236957191	-4.00	0.833	No Trend	4	4	No	1.236957191	-4.00	0.833	No Trend	4	4	No	1.236957191	-4.00	0.833	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	PCE	10/19/2021	11/8/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	TCE	10/19/2021	11/8/2023	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	DCE12C	10/19/2021	11/8/2023	5	5	No	0.729589639	-2.00	0.592	Stable	4	4	No	0.788105771	-2.00	0.625	Stable	5	5	No	0.729589639	-2.00	0.592	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	DCA12	10/19/2021	11/8/2023	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021

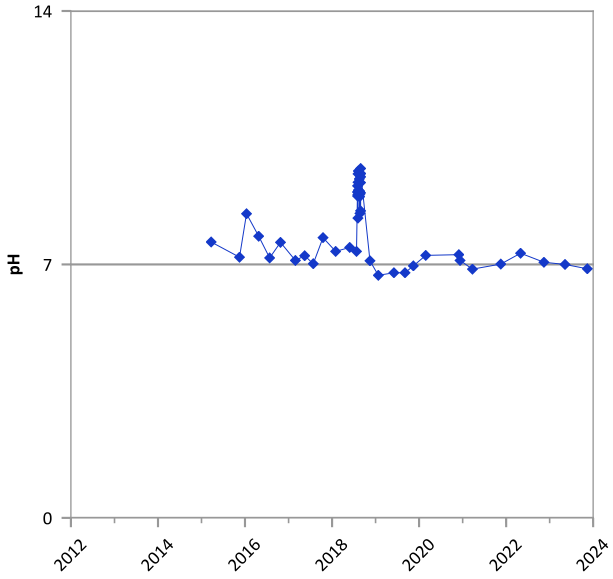
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP	Start_5YRP	End_5YRP
PTX06-1210	635995.51	3755042.86	TCLME	10/19/2021	11/8/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	VC	10/19/2021	11/8/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	PERC	10/19/2021	11/8/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	AS	10/19/2021	11/8/2023	5	5	No	0.43347801	2.00	0.592	No Trend	4	4	No	0.151325427	-2.00	0.625	Stable	5	5	No	0.43347801	2.00	0.592	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	BA	10/19/2021	11/8/2023	5	5	No	0.794083756	8.00	0.958	Increasing	4	4	No	0.63583312	4.00	0.833	No Trend	5	5	No	0.794083756	8.00	0.958	Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	FE	10/19/2021	11/8/2023	5	5	No	0.950547474	6.00	0.883	No Trend	4	4	No	0.729875073	2.00	0.625	No Trend	5	5	No	0.950547474	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	MN	10/19/2021	11/8/2023	5	5	No	1.503994016	10.00	0.992	Increasing	4	4	No	1.36625195	6.00	0.958	Increasing	5	5	No	1.503994016	10.00	0.992	Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	TOC	10/19/2021	11/8/2023	5	5	No	1.023293129	8.00	0.958	Increasing	4	4	No	0.797068042	4.00	0.833	No Trend	5	5	No	1.023293129	8.00	0.958	Increasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	DOC	5/2/2022	11/8/2023	4	4	No	0.823831724	4.00	0.833	No Trend	4	4	No	0.823831724	4.00	0.833	No Trend	4	4	No	0.823831724	4.00	0.833	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	NITRATE	10/19/2021	11/8/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1210	635995.51	3755042.86	SO4	10/19/2021	11/8/2023	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	RDX	11/15/2021	11/28/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	HMX	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNX	11/15/2021	11/28/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TNX	11/15/2021	11/28/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	MNX	11/15/2021	11/28/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TNT	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNT24	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNT26	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNT2A	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNT4A	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TNB135	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DNB13	11/15/2021	11/28/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	PCE	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TCE	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DCE12C	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DCA12	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TCLME	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	VC	2/15/2022	11/28/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	AS	11/15/2021	11/28/2023	5	5	No	0.296065255	-4.00	0.758	Stable	4	4	No	0.289511714	0.00	0.375	Stable	5	5	No	0.296065255	-4.00	0.758	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	BA	11/15/2021	11/28/2023	5	5	No	0.645240088	2.00	0.592	No Trend	4	4	No	0.5197104	-2.00	0.625	Stable	5	5	No	0.645240088	2.00	0.592	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	FE	11/15/2021	11/28/2023	5	5	No	0.606234841	0.00	0.408	Stable	4	4	No	0.536263115	-2.00	0.625	Stable	5	5	No	0.606234841	0.00	0.408	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	MN	11/15/2021	11/28/2023	5	5	No	1.981686797	-6.00	0.883	No Trend	4	4	No	0.543486907	-2.00	0.625	Stable	5	5	No	1.981686797	-6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	TOC	11/15/2021	11/28/2023	5	5	No	1.780137514	-4.00	0.758	No Trend	4	4	No	0.717885458	0.00	0.375	Stable	5	5	No	1.780137514	-4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	DOC	2/15/2022	11/28/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	NITRATE	11/15/2021	11/28/2023	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1213	647847.08	3750845.56	SO4	11/15/2021	11/28/2023	5	5	No	2.108376782	-4.00	0.758	No Trend	4	4	No	1.284458868	0.00	0.375	No Trend	5	5	No	2.108376782	-4.00	0.758	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	RDX	11/15/2021	7/10/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	HMX	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNX	11/15/2021	7/10/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TNX	11/15/2021	7/10/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	MNX	11/15/2021	7/10/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TNT	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNT24	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNT26	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNT2A	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNT4A	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TNB135	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DNB13	11/15/2021	7/10/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	PCE	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TCE	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DCE12C	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DCA12	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TCLME	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	VC	2/15/2022	7/10/2023	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	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	AS	11/15/2021	7/10/2023	5	5	No	0.321520392	1.00	0.5	No Trend	4	4	No	0.250505058	-3.00	0.729	Stable	5	5	No	0.321520392	1.00	0.5	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	BA	11/15/2021	7/10/2023	5	5	No	0.597516211	-2.00	0.592	Stable	4	4	No	0.593292618	-4.00	0.833	Stable	5	5	No	0.597516211	-2.00	0.592	Stable	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	FE	11/15/2021	7/10/2023	5	5	No	1.887037136	-8.00	0.958	Decreasing	4	4	No	0.622631591	-4.00	0.833	Stable	5	5	No	1.887037136	-8.00	0.958	Decreasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	MN	11/15/2021	7/10/2023	5	5	No	0.337856499	-8.00	0.958	Decreasing	4	4	No	0.367636057	-4.00	0.833	Stable	5	5	No	0.337856499	-8.00	0.958	Decreasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	TOC	11/15/2021	7/10/2023	5	5	No	1.053823889	0.00	0.408	No Trend	4	4	No	0.915994452	-4.00	0.833	Stable	5	5	No	1.053823889	0.00	0.408	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	DOC	2/15/2022	7/10/2023	4	4	No	0.909866165	-4.00	0.833	Stable	4	4	No	0.909866165	-4.00	0.833	Stable	4	4	No	0.909866165	-4.00	0.833	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	NITRATE	11/15/2021	7/10/2023	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	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1214	648550.59	3751106.97	SO4	11/15/2021	7/10/2023	5	5	No	0.978971901	6.00	0.883	No Trend	4	4	No	0.819894935	2.00	0.625	No Trend	5	5	No	0.978971901	6.00	0.883	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	RDX	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	HMX	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNX	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TNX	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	MNX	11/1/2022	10/17/2023	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TNT	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNT24	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNT26	11/1/2022	10/17/2023	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNT2A	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNT4A	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TNB135	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DNB13	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	PCE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TCE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DCE12C	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DCA12	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TCLME	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	VC	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	AS	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	BA	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	FE	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	MN	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	TOC	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	DOC	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	NITRATE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1218	649667.96	3749890.07	SO4	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	RDX	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	HMX	11/1/2022	10/17/2023	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNX	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TNX	11/1/2022	10/17/2023	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	MNX	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TNT	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNT24	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNT26	11/1/2022	10/17/2023	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNT2A	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNT4A	11/1/2022	10/17/2023	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TNB135	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DNB13	11/1/2022	10/17/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	PCE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TCE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DCE12C	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DCA12	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TCLME	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	VC	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	AS	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	BA	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	FE	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	MN	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	TOC	11/1/2022	10/17/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	DOC	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	NITRATE	6/26/2023	10/17/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1219	650185.72	3750054.28	SO4	6/26/2023	10/17/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	RDX	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	HMX	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNX	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TNX	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	MNX	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TNT	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNT24	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNT26	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNT2A	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNT4A	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TNB135	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DNB13	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	PCE	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TCE	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DCE12C	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DCA12	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TCLME	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	VC	11/20/2023	11/20/2023	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	AS	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	BA	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021

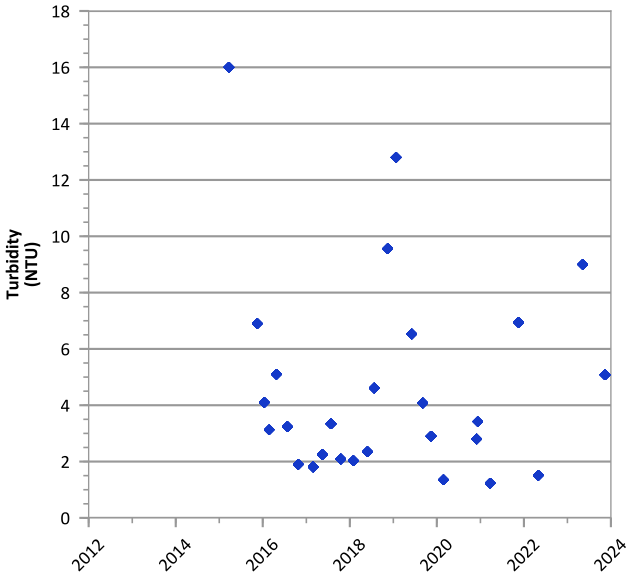
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AIIND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AIIND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AIIND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AIIND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP	Start_5YRP	End_5YRP
PTX06-1221	650875.74	3750521.45	FE	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	MN	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	TOC	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	DOC	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	NITRATE	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1221	650875.74	3750521.45	SO4	11/20/2023	11/20/2023	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1230			DIOXANE14	3/6/2013	12/6/2023	4	4	No	0.397208045	0.00	0.375	Stable	4	4	No	0.397208045	0.00	0.375	Stable	4	4	No	0.397208045	0.00	0.375	Stable	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1/1/2017	12/31/2021
PTX06-1230			PCE	11/5/2012	12/6/2023	38	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	38	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1230			TCE	11/5/2012	12/6/2023	38	34	No	1.274813624	-36.00	0.6685	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	38	34	No	1.274813624	-36.00	0.6685	No Trend	18	17	No	0.852168538	-40.00	0.929	Probably Decreasing	1/1/2017	12/31/2021
PTX06-1230			DCE12C	11/5/2012	12/6/2023	37	37	No	0.612018635	-407.00	1	Decreasing	4	4	No	1.569186671	-4.00	0.833	No Trend	37	37	No	0.612018635	-407.00	1	Decreasing	17	17	No	0.487916034	-86.00	1	Decreasing	1/1/2017	12/31/2021
PTX06-1230			DCA12	11/5/2012	12/6/2023	38	36	No	0.625696372	-297.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	38	36	No	0.625696372	-297.00	1	Decreasing	18	18	No	0.276327067	-3.00	0.53	Stable	1/1/2017	12/31/2021
PTX06-1230			TCLME	11/5/2012	12/6/2023	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	38	0	Yes	0	0.00	0	All Non-Detect	18	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1230			VC	11/5/2012	12/6/2023	38	33	No	1.206894512	283.00	1	Increasing	4	4	No	0.814251259	-4.00	0.833	Stable	38	33	No	1.206894512	283.00	1	Increasing	18	17	No	0.778365672	86.00	1	Increasing	1/1/2017	12/31/2021
PTX06-1230			PERC	11/5/2012	12/6/2023	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	35	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1230			AS	11/5/2012	12/6/2023	35	35	No	0.512391855	188.00	0.9965	Increasing	4	4	No	0.121551848	2.00	0.625	No Trend	35	35	No	0.512391855	188.00	0.9965	Increasing	16	16	No	0.258204248	6.00	0.588	No Trend	1/1/2017	12/31/2021
PTX06-1230			BA	1/30/2018	12/6/2023	16	16	No	0.307402978	57.00	0.995	Increasing	4	4	No	0.135769924	0.00	0.375	Stable	16	16	No	0.307402978	57.00	0.995	Increasing	12	12	No	0.234318487	9.00	0.704	No Trend	1/1/2017	12/31/2021
PTX06-1230			FE	11/5/2012	12/6/2023	35	35	No	0.535522234	-79.00	0.865	Stable	4	4	No	0.232552334	-2.00	0.625	Stable	35	35	No	0.535522234	-79.00	0.865	Stable	16	16	No	0.190630149	12.00	0.687	No Trend	1/1/2017	12/31/2021
PTX06-1230			MN	11/5/2012	12/6/2023	35	35	No	1.555825248	-355.00	1	Decreasing	4	4	No	0.24177992	-4.00	0.833	Stable	35	35	No	1.555825248	-355.00	1	Decreasing	16	16	No	0.204902075	-17.00	0.761	Stable	1/1/2017	12/31/2021
PTX06-1230			TVFA	11/5/2012	11/19/2019	27	27	No	2.945769331	-147.00	0.999	Decreasing	4	4	No	1.199280415	4.00	0.833	No Trend	27	27	No	2.945769331	-147.00	0.999	Decreasing	12	12	No	1.115292053	8.00	0.681	No Trend	1/1/2017	12/31/2021
PTX06-1230			TOC	11/5/2012	12/6/2023	35	35	No	1.47324993	-56.00	0.781	No Trend	4	4	No	0.222505375	2.00	0.625	No Trend	35	35	No	1.47324993	-56.00	0.781	No Trend	16	16	No	0.763453374	-14.00	0.718	Stable	1/1/2017	12/31/2021
PTX06-1230			DOC	11/5/2012	12/6/2023	32	32	No	1.782271274	-131.00	0.983	Decreasing	4	4	No	0.69433356	0.00	0.375	Stable	32	32	No	1.782271274	-131.00	0.983	Decreasing	16	16	No	0.872338511	-6.00	0.588	Stable	1/1/2017	12/31/2021
PTX06-1230			NITRATE	3/6/2013	12/6/2023	32	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	32	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	0	Yes	0	0.00	0	All Non-Detect	1/1/2017	12/31/2021
PTX06-1230			SO4	11/5/2012	12/6/2023	35	35	No	1.59068283	312.00	1	Increasing	4	4	No	1.634320805	0.00	0.375	No Trend	35	35	No	1.59068283	312.00	1	Increasing	16	16	No	0.512928185	10.00	0.655	No Trend	1/1/2017	12/31/2021

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

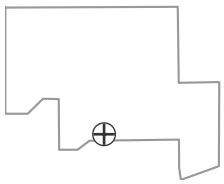






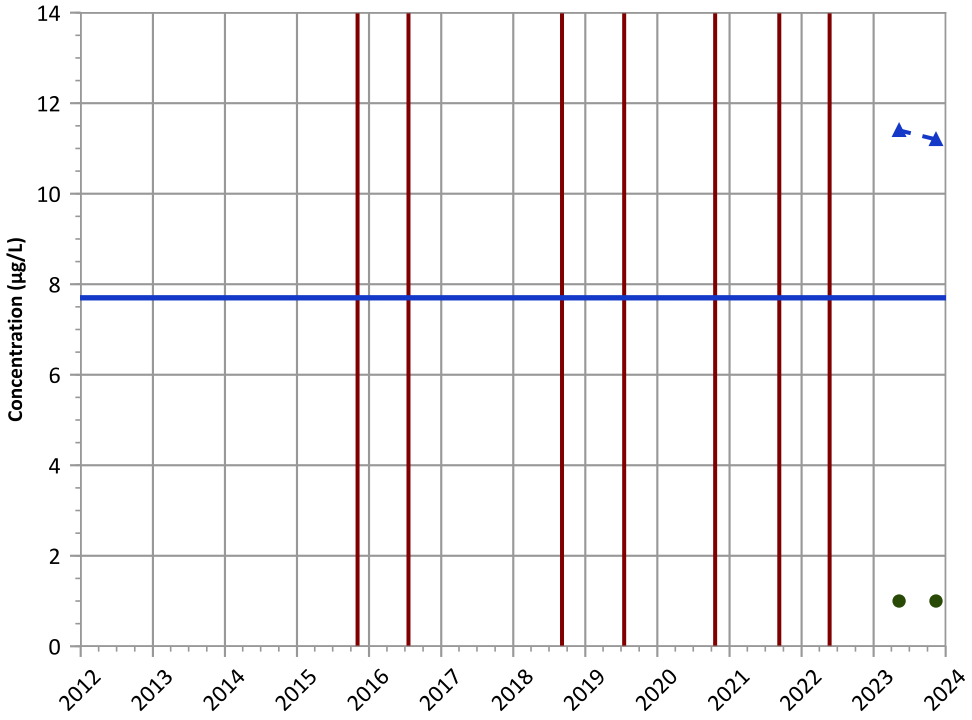


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

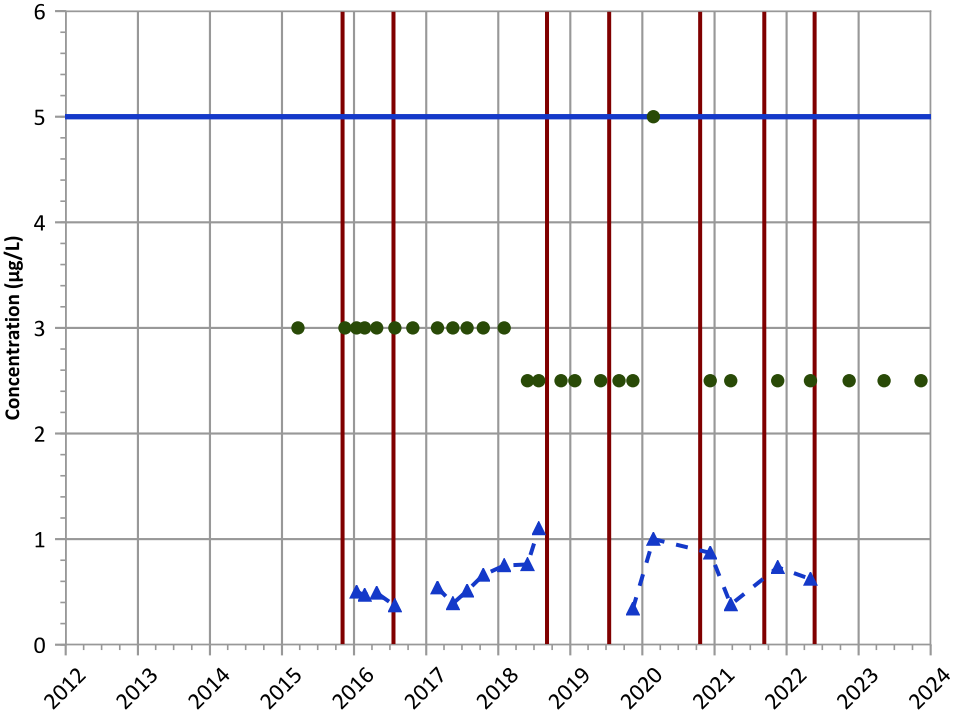


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

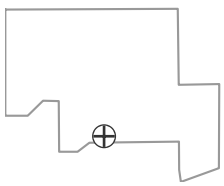
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

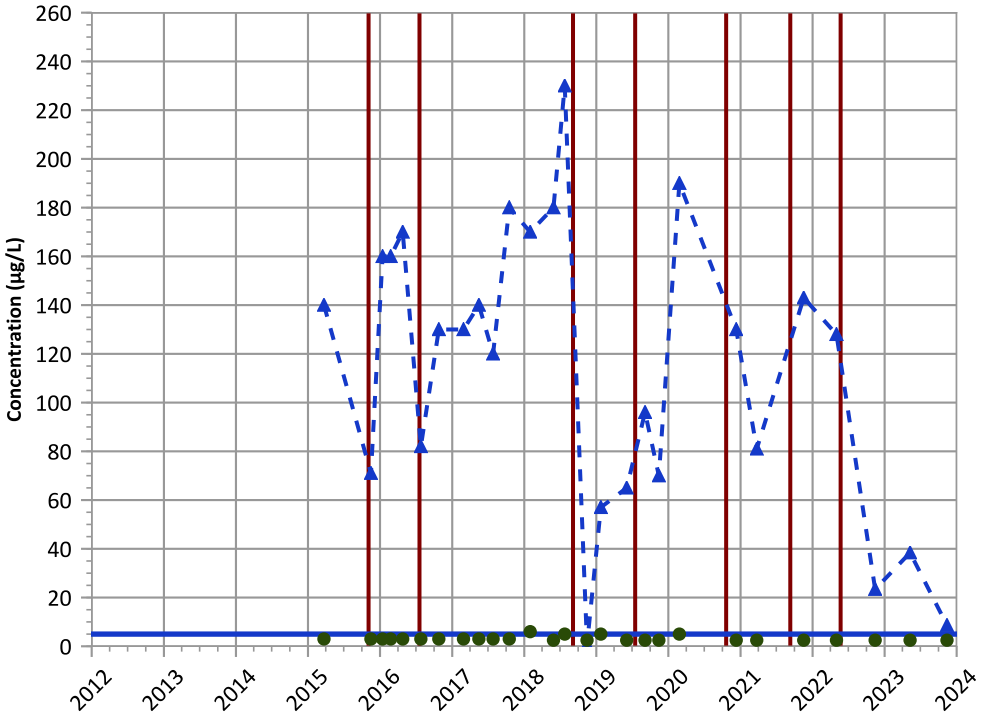
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

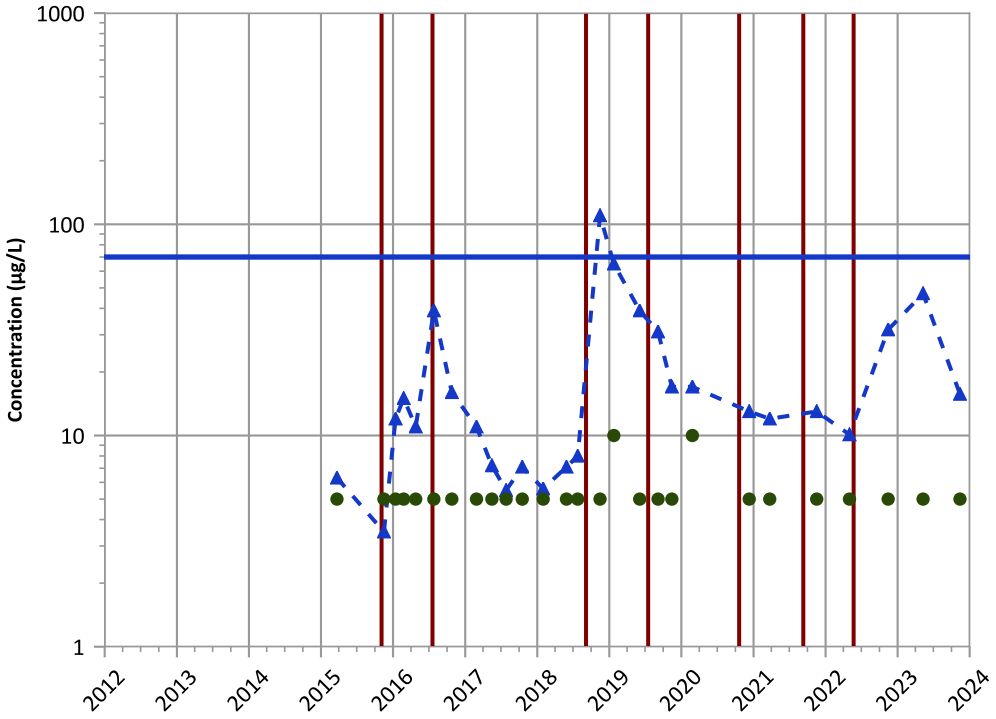


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

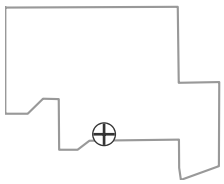
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

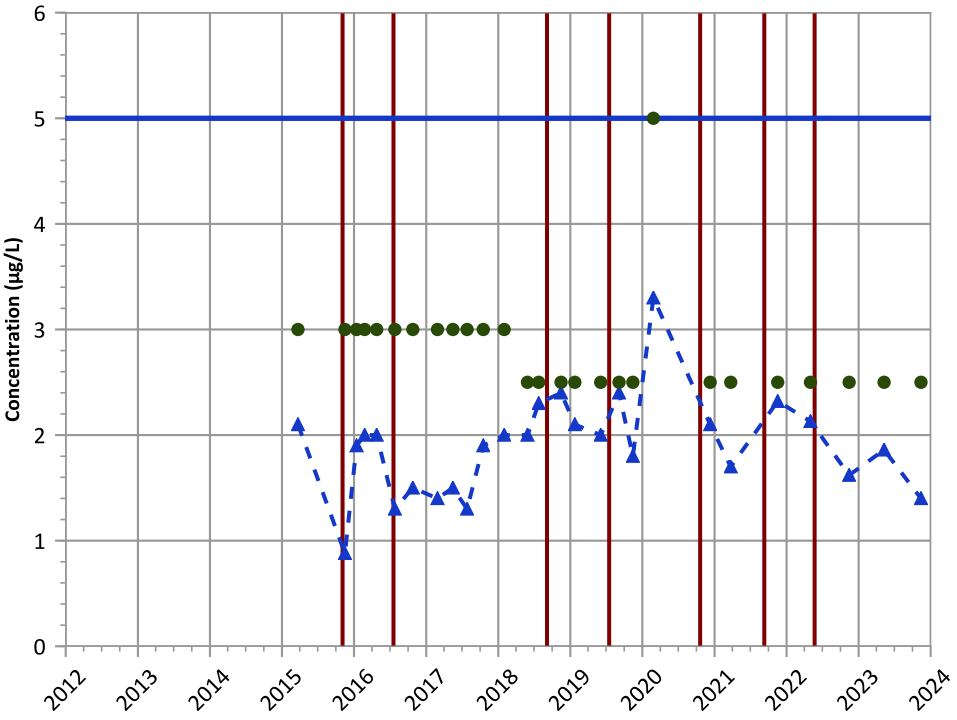
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

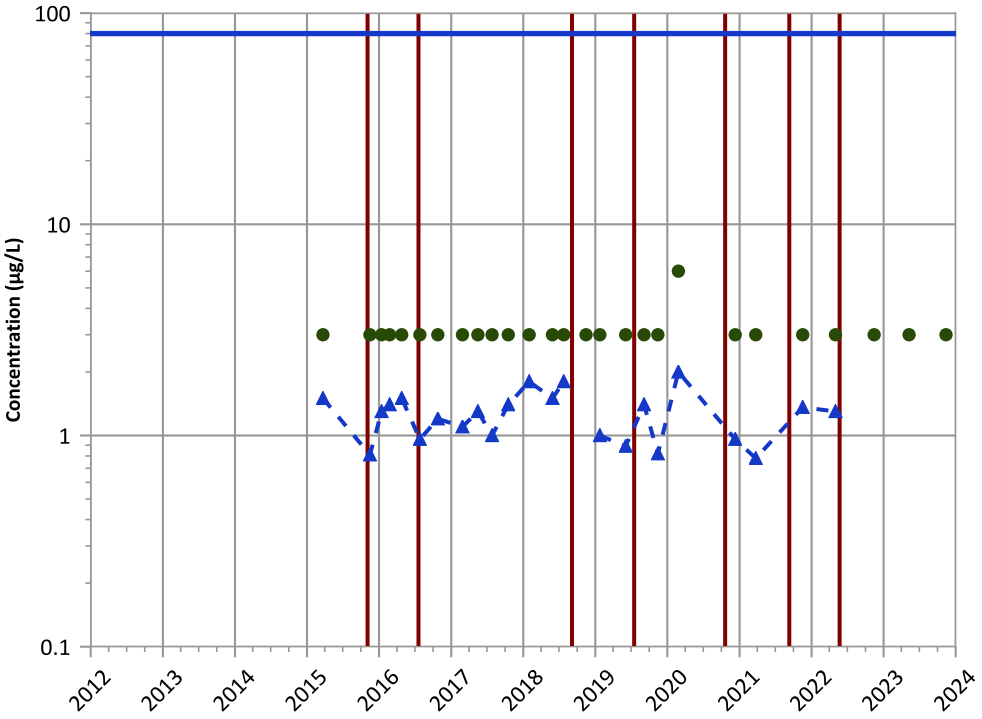


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Chloroform Trend



Concentration Trend

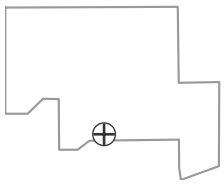
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

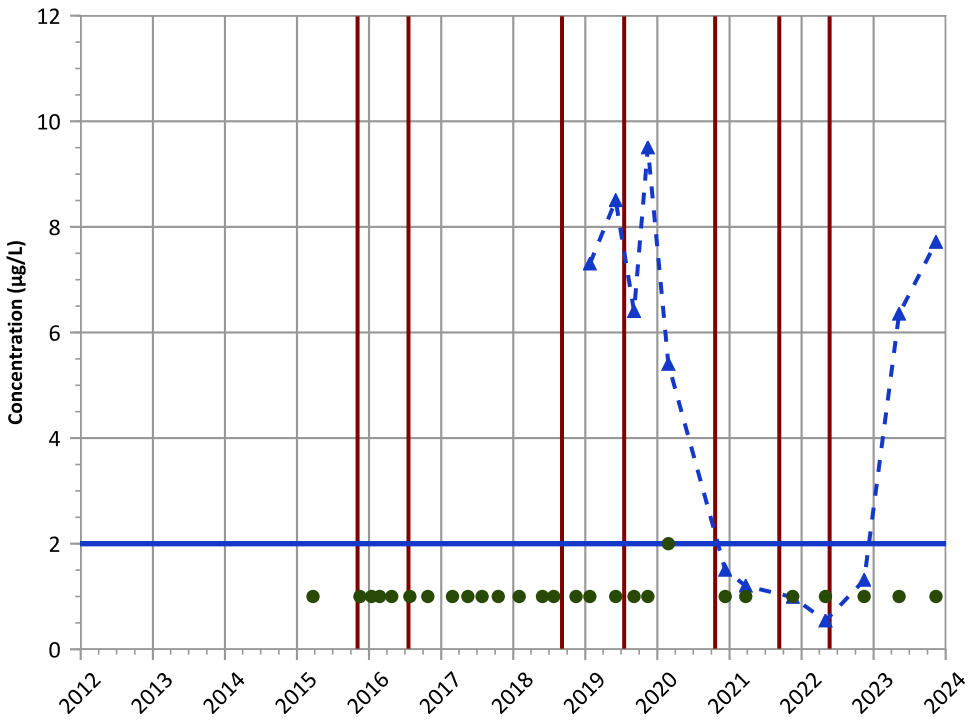
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

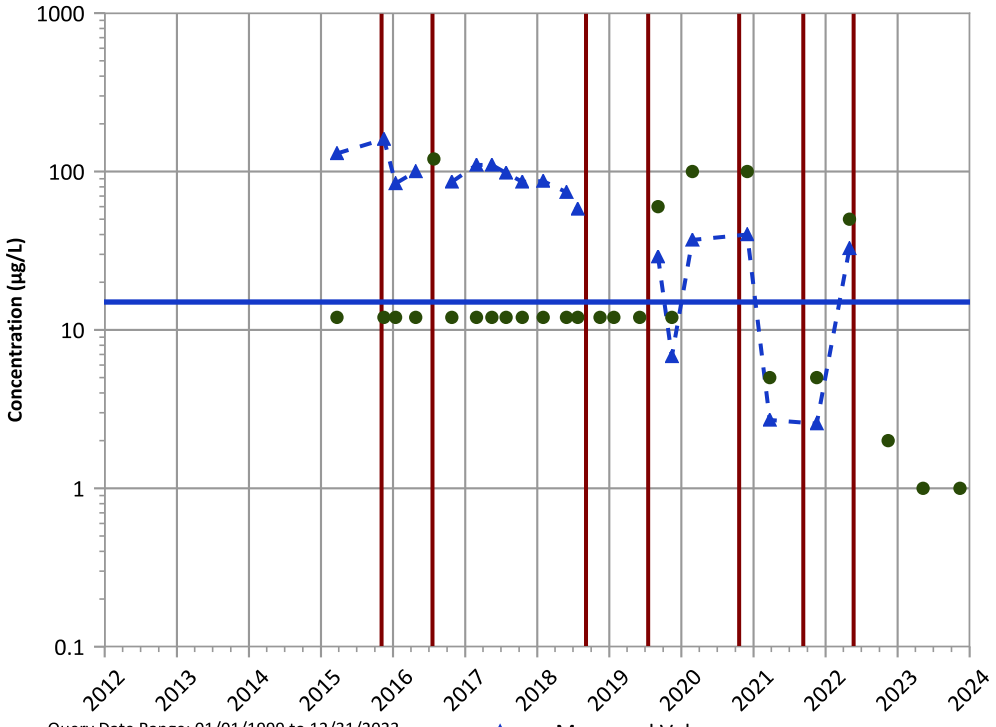


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Perchlorate Trend



Concentration Trend

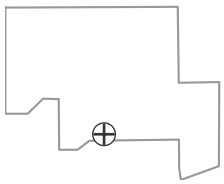
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

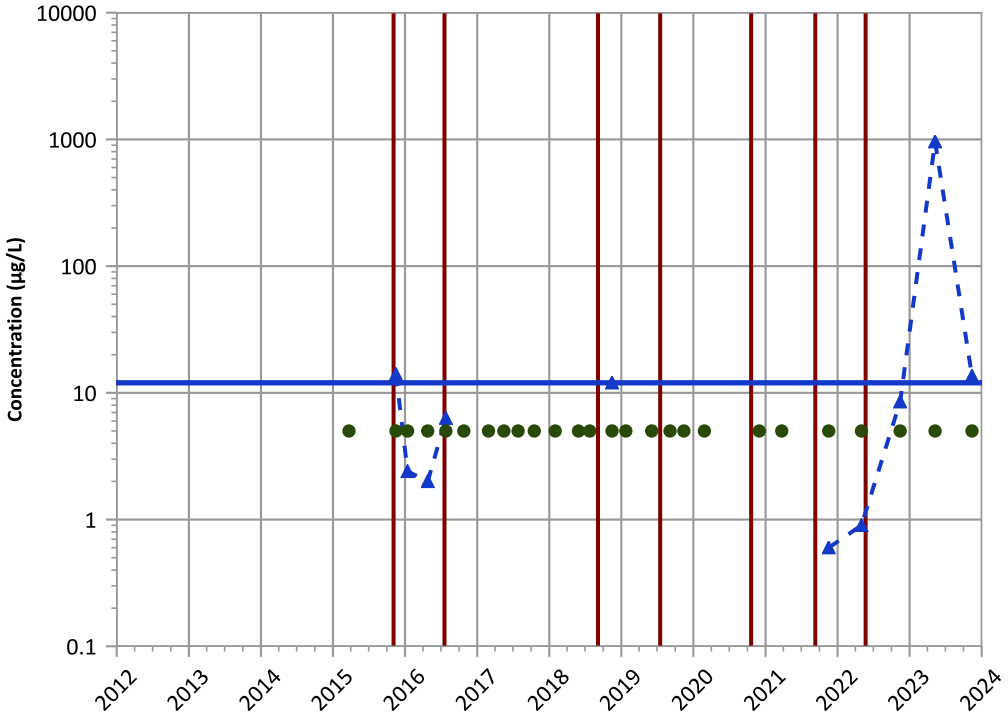
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

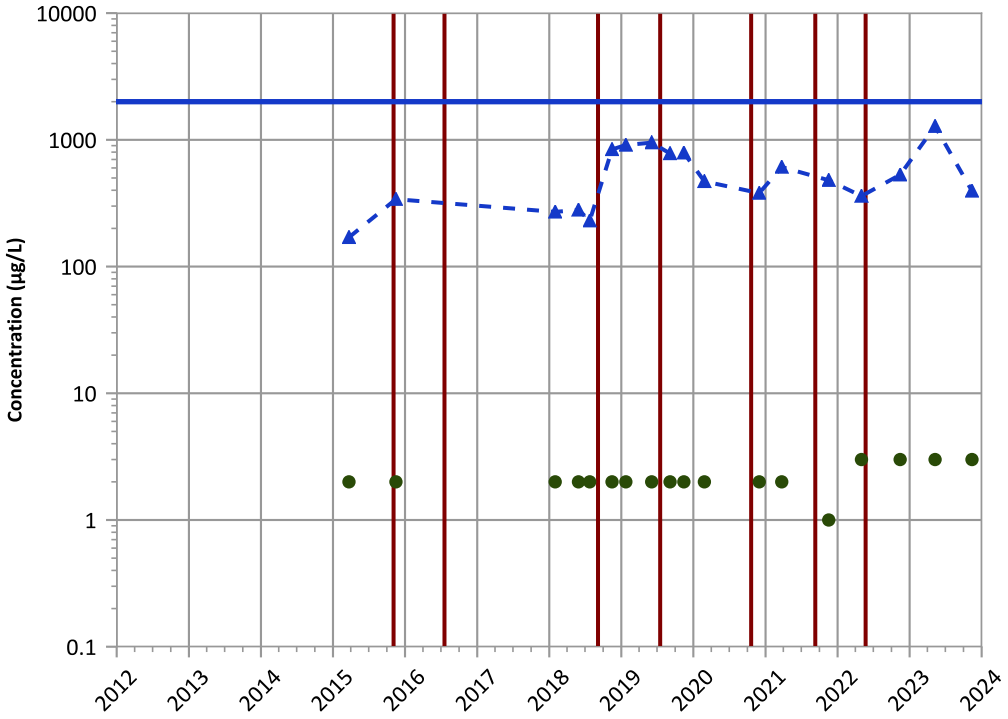
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Barium Trend



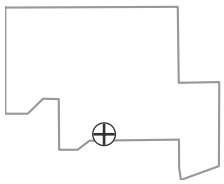
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

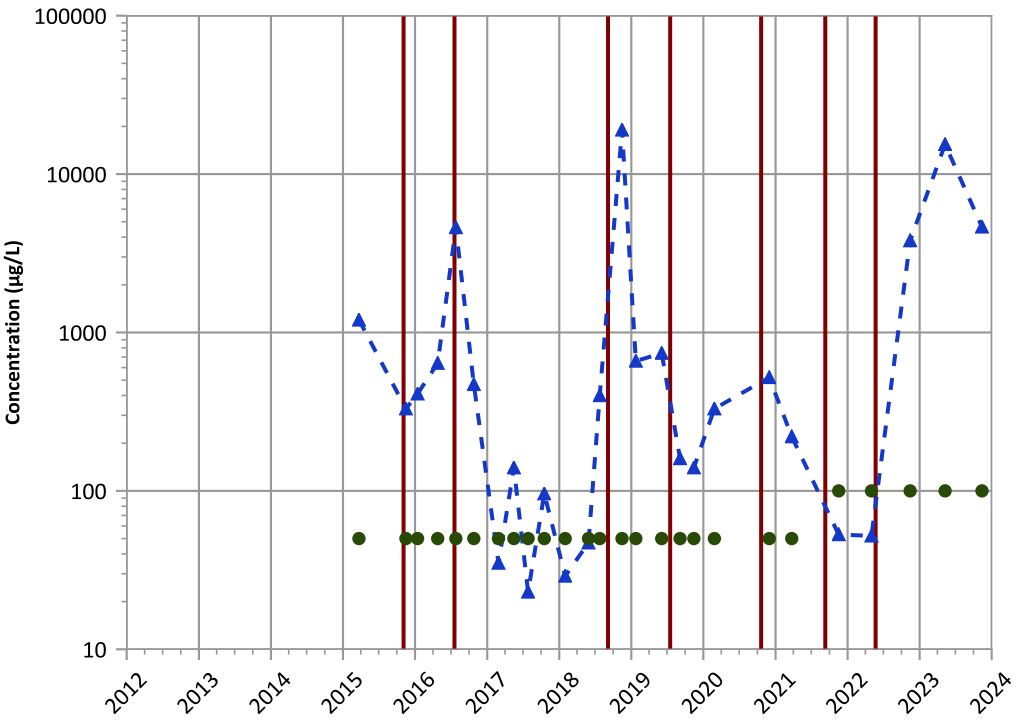
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

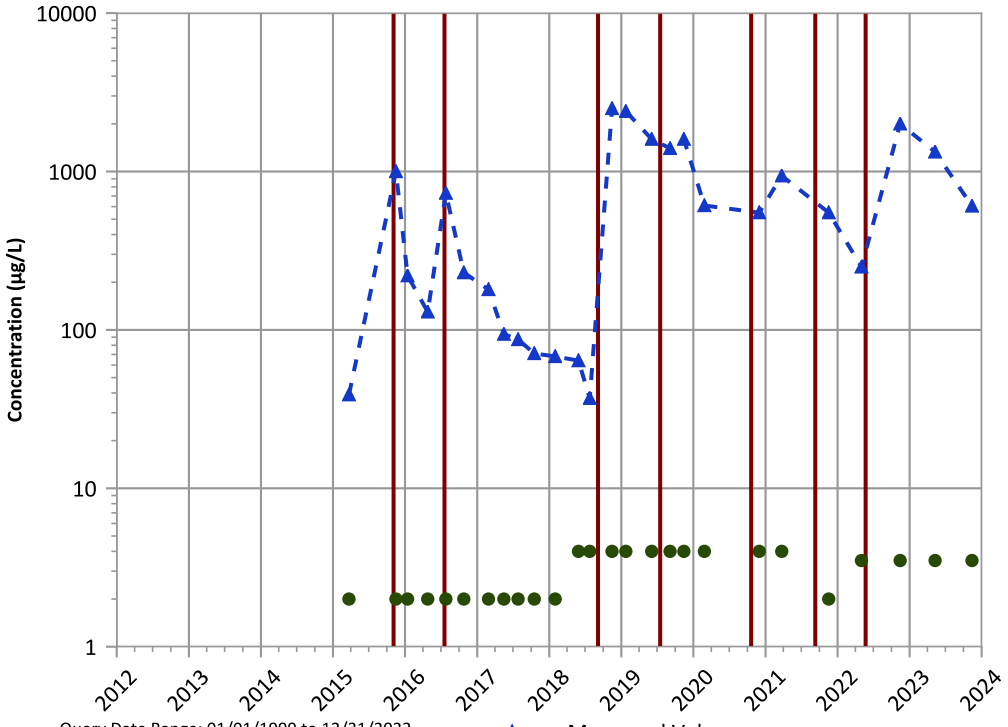


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Manganese Trend



Concentration Trend

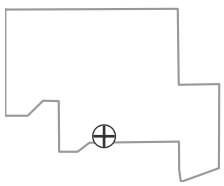
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

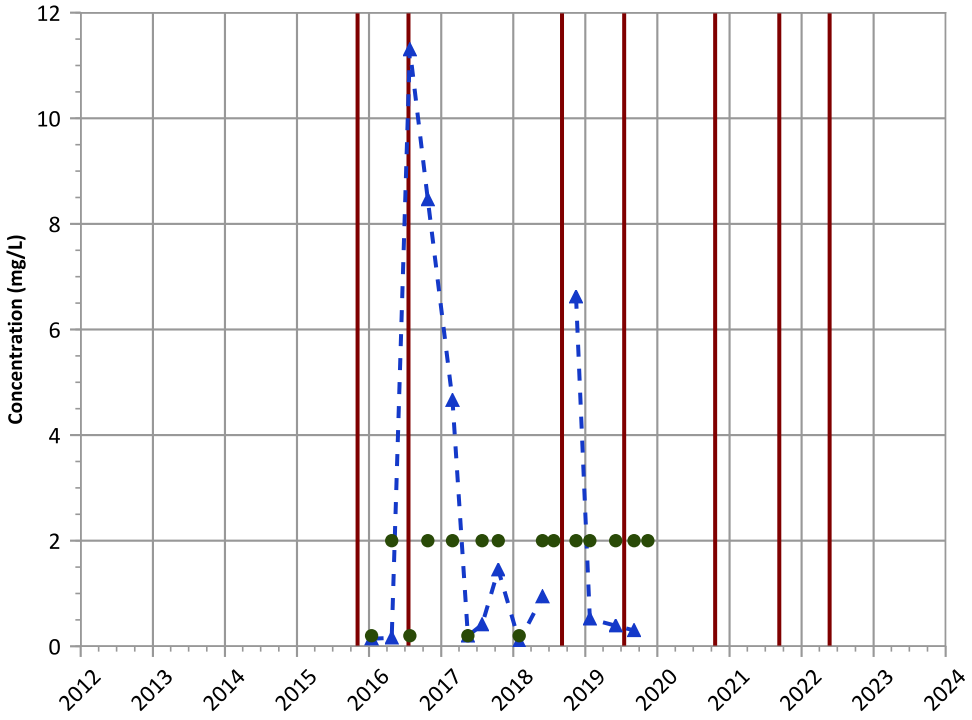
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

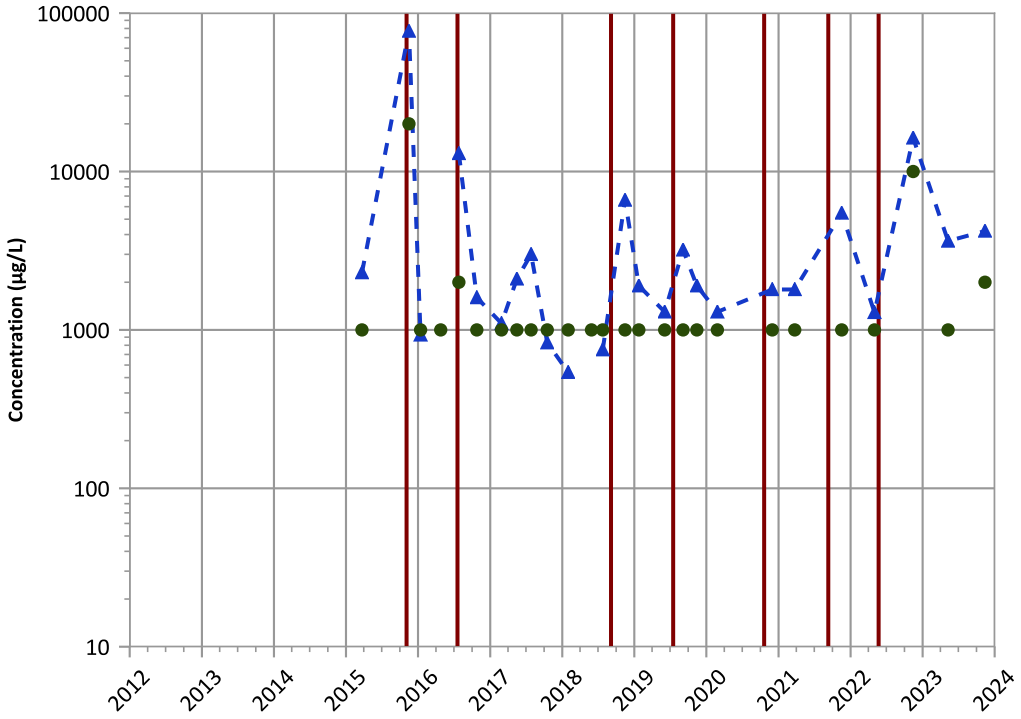


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Total Organic Carbon Trend

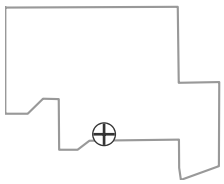


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Well Location

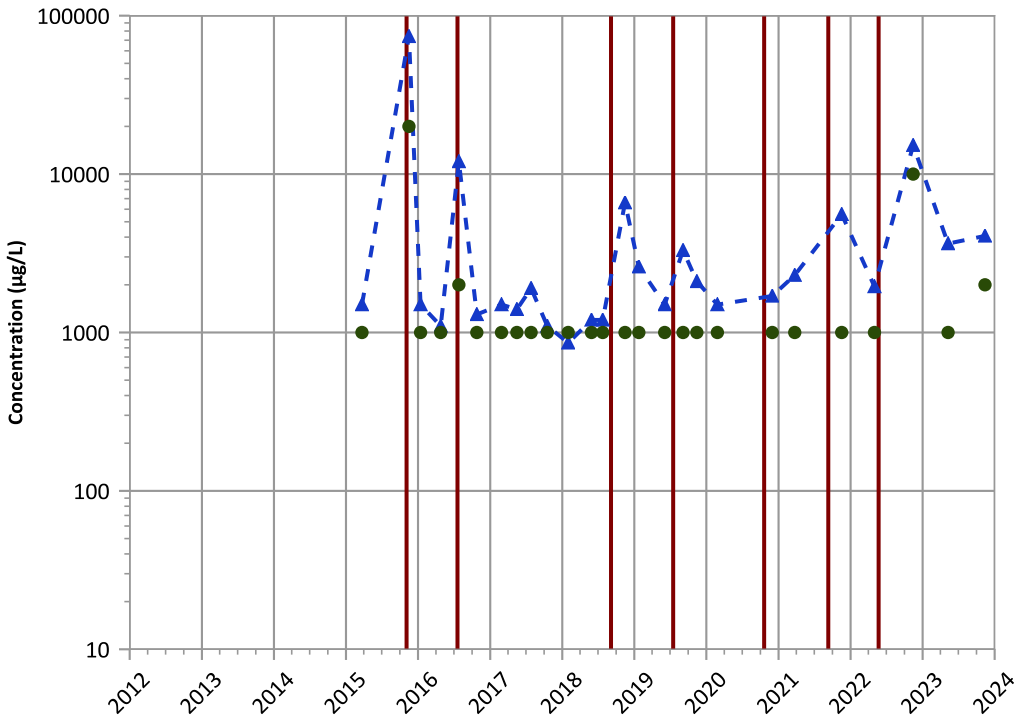


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

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

PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

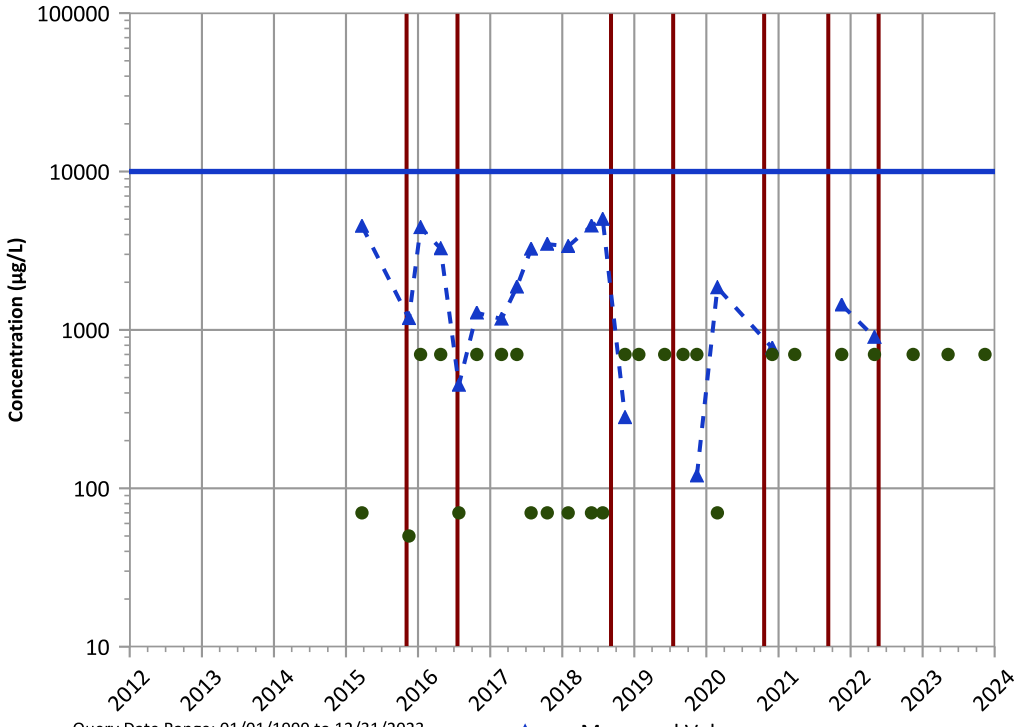


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

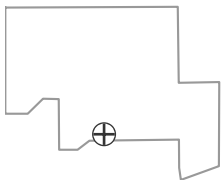
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

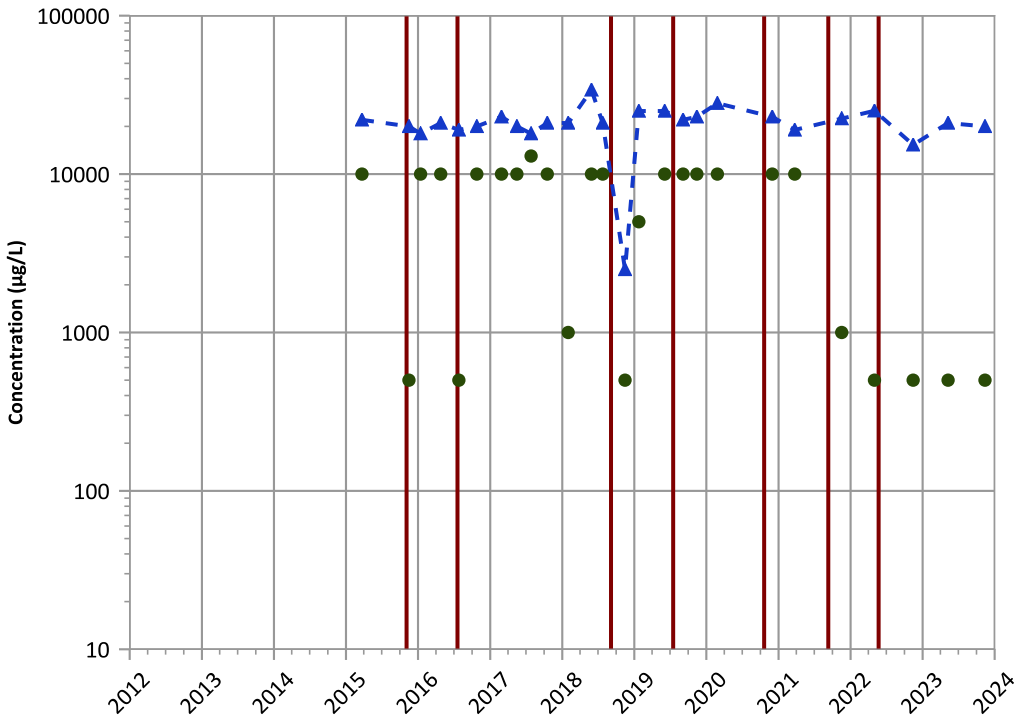
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

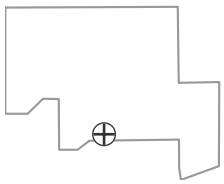
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

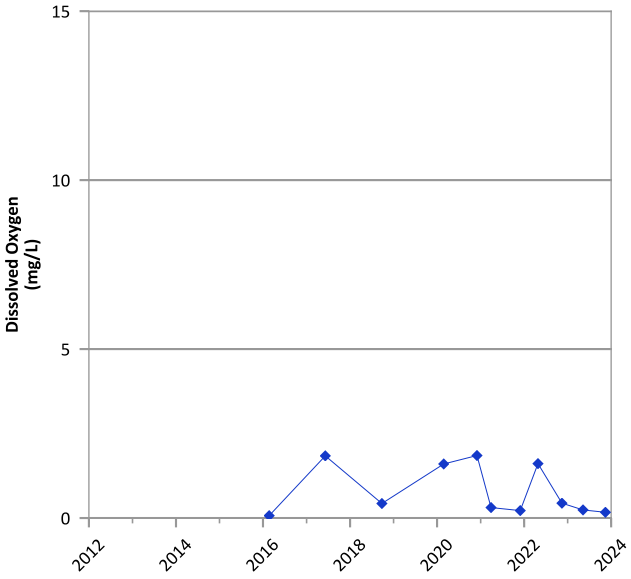
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/23/2015 to 11/13/2023
Analysis Date: 04/01/2024

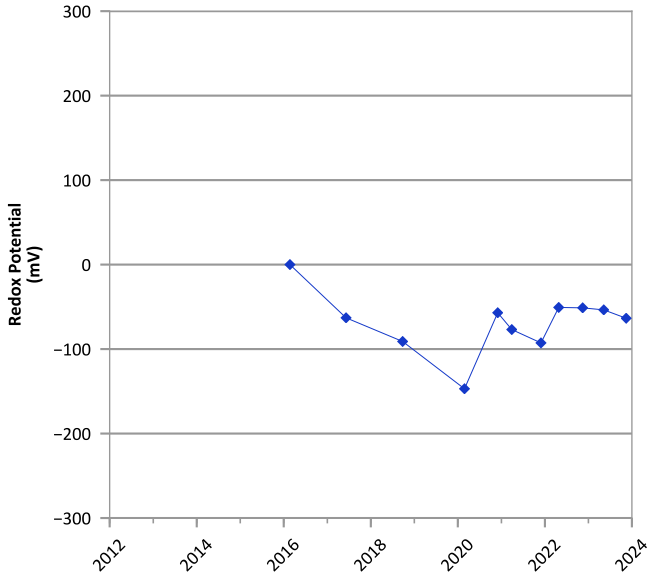
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

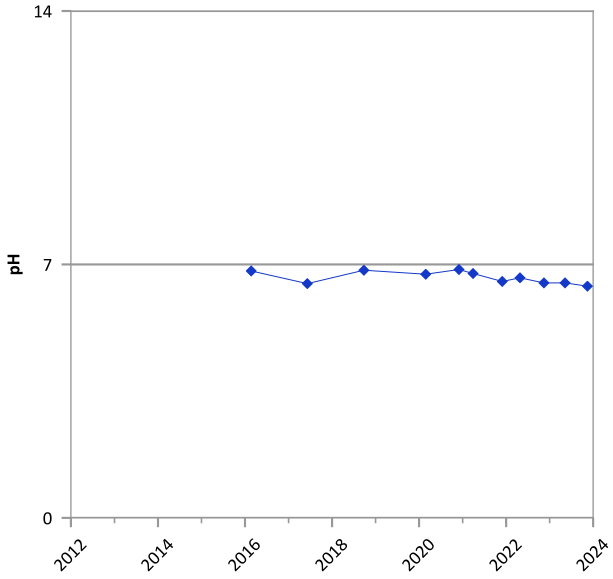
Well Location

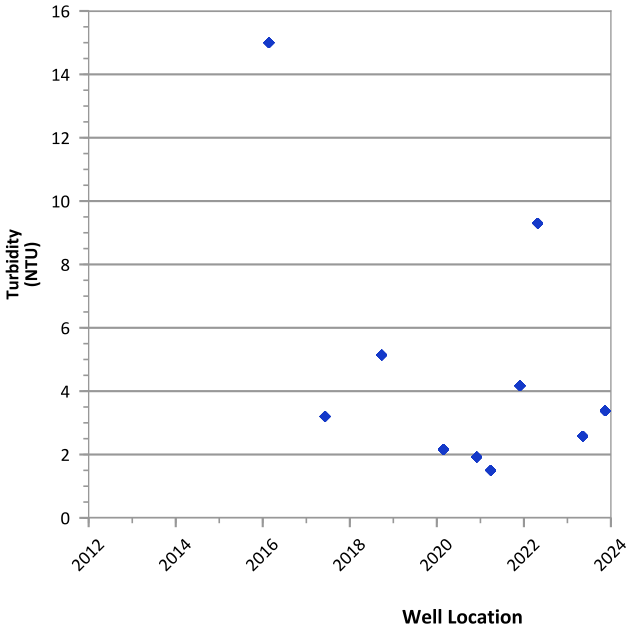


PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

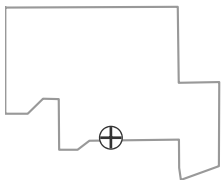






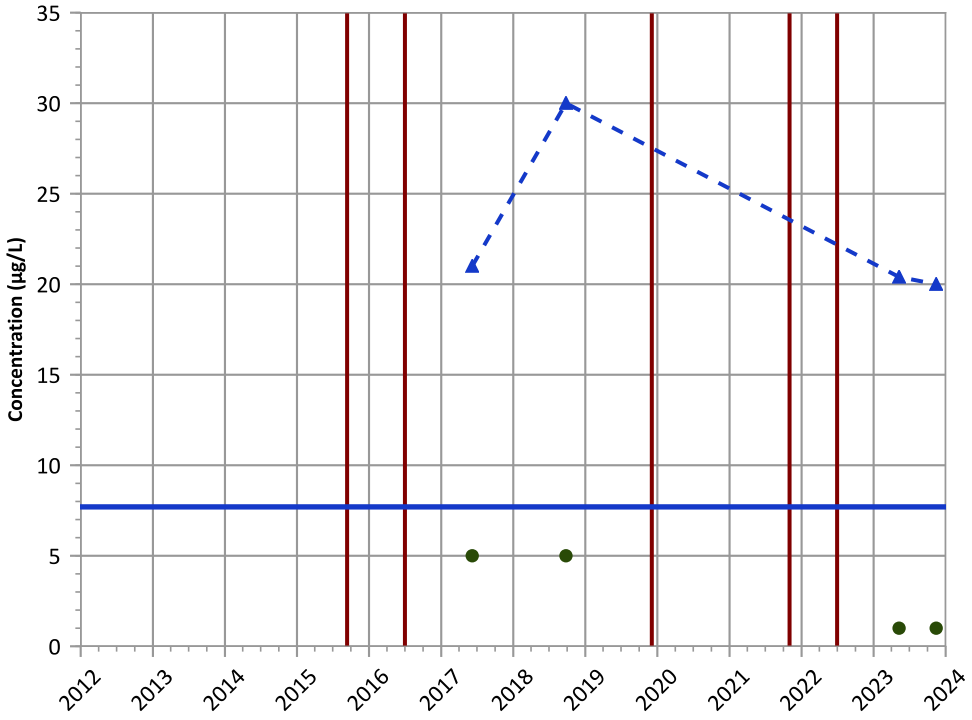


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

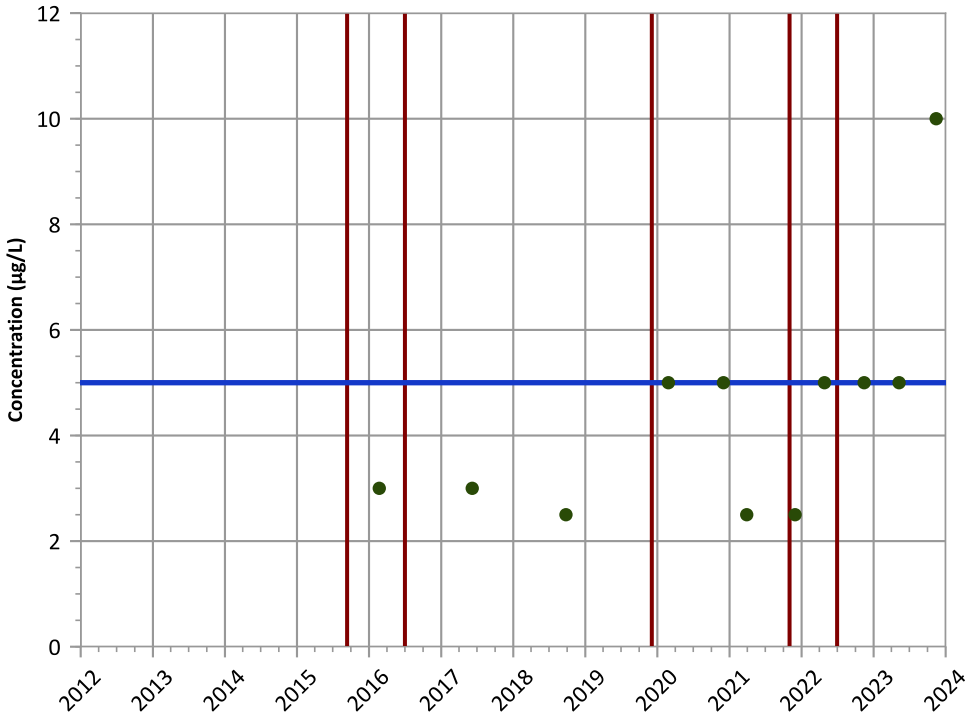


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

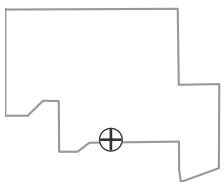
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

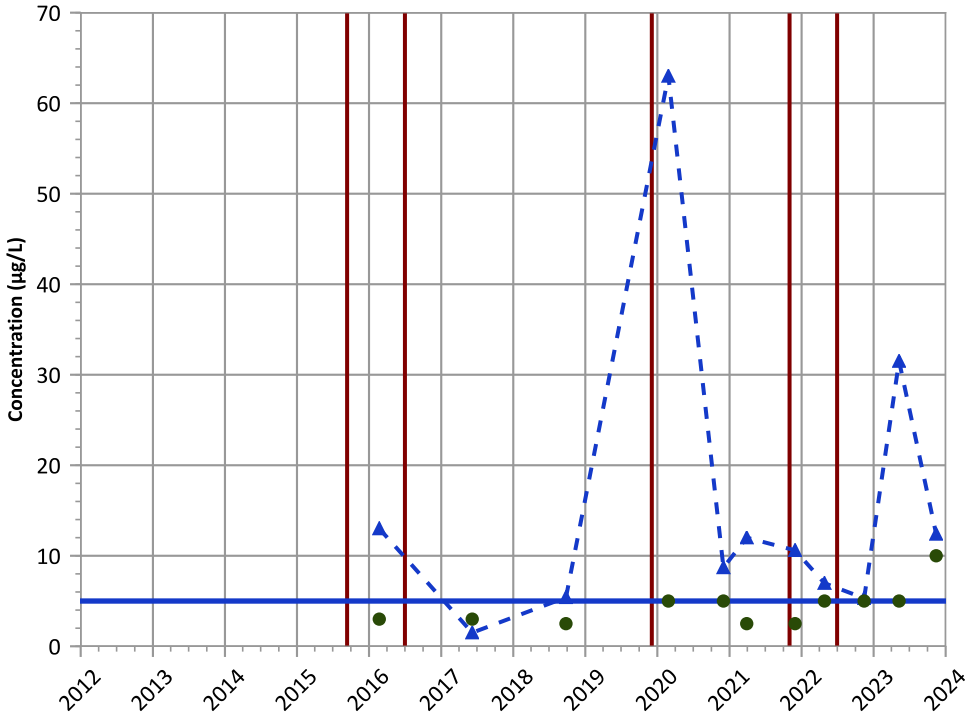
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

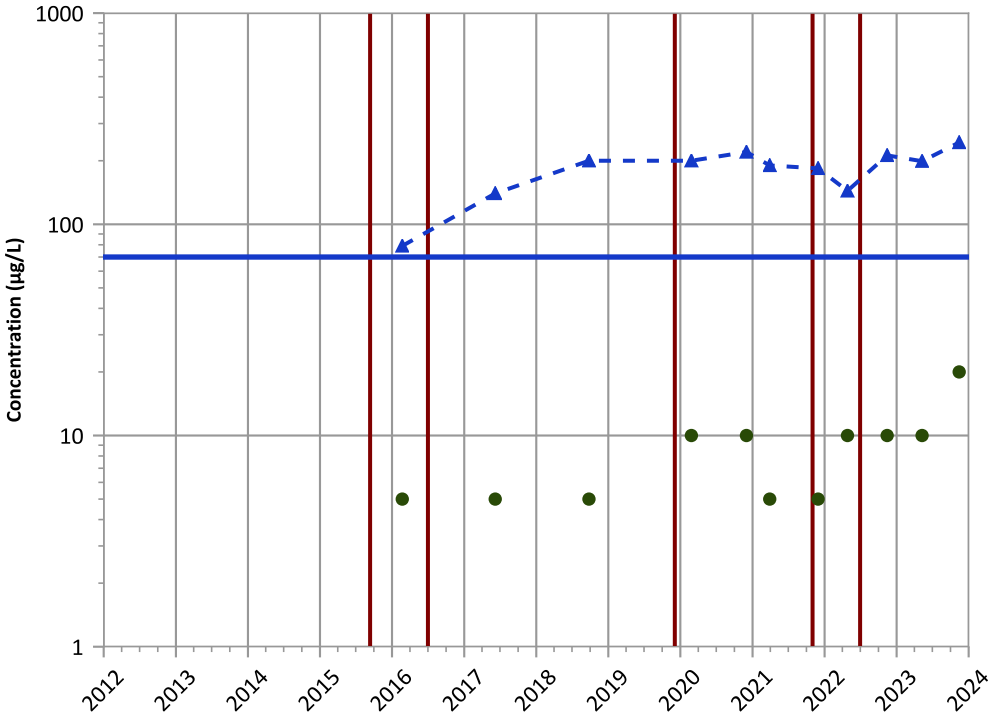


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

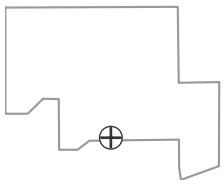
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

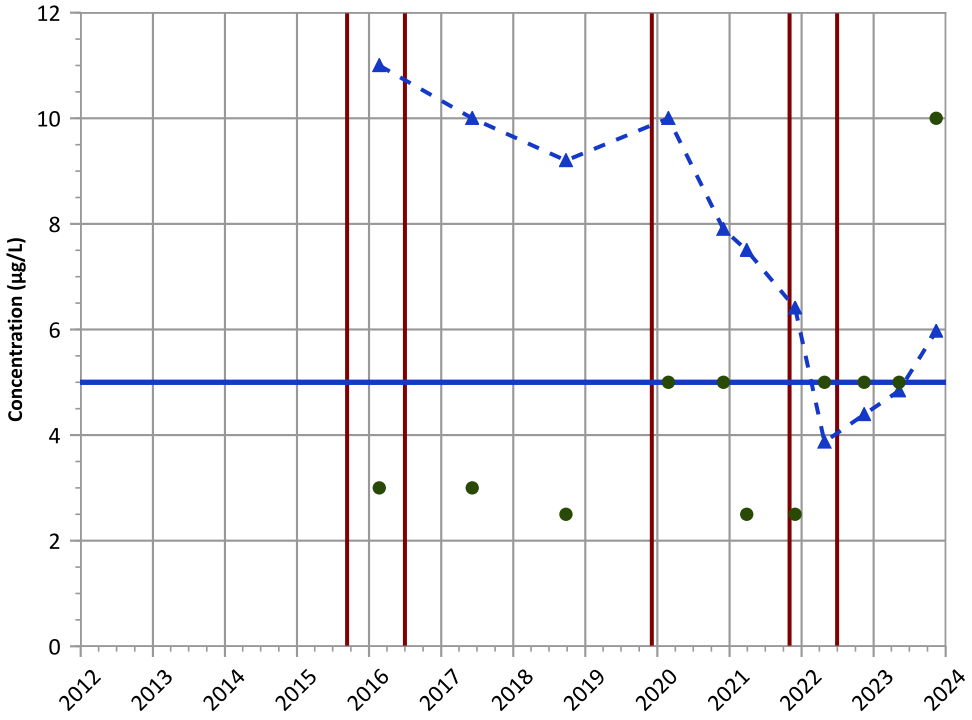
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

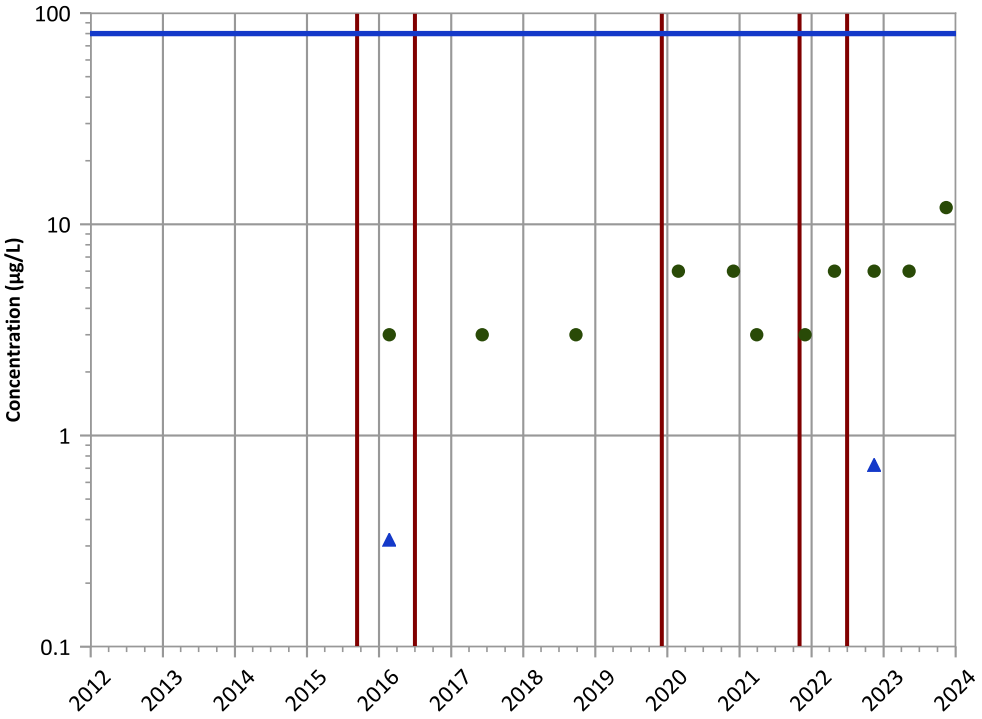


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Chloroform Trend

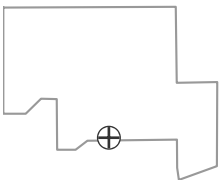


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

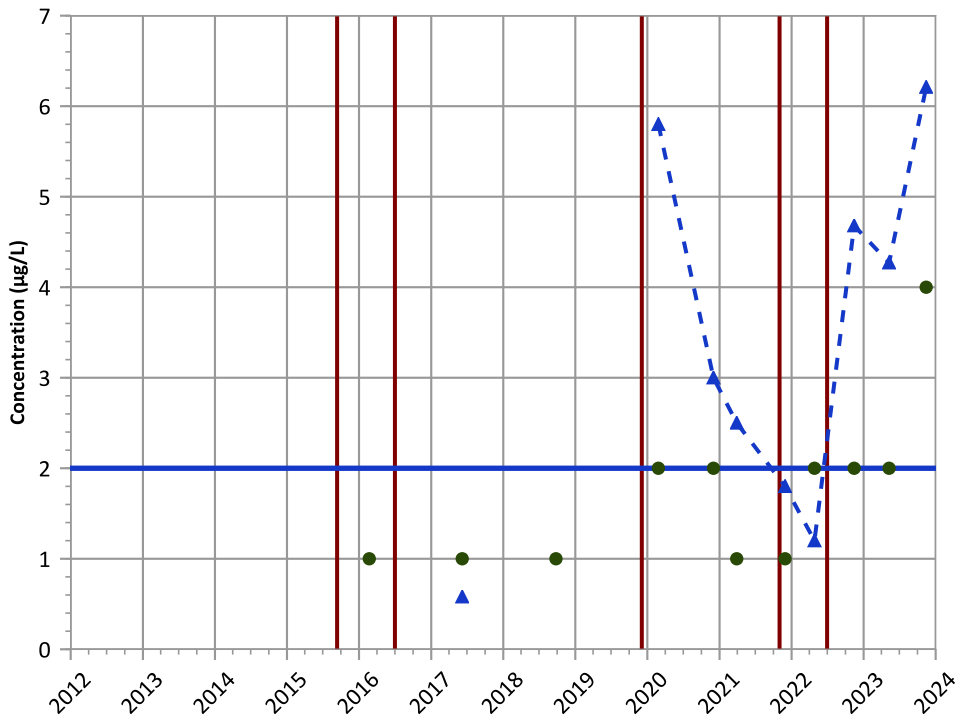


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

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

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

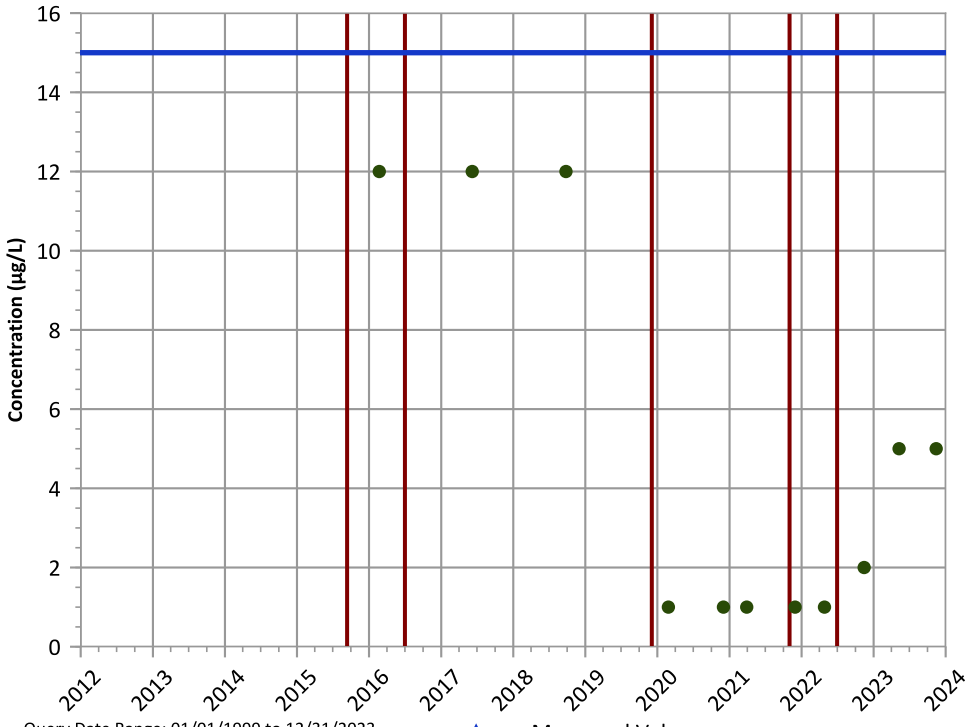


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Perchlorate Trend



Concentration Trend

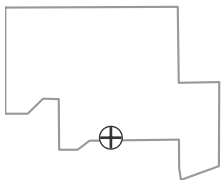
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

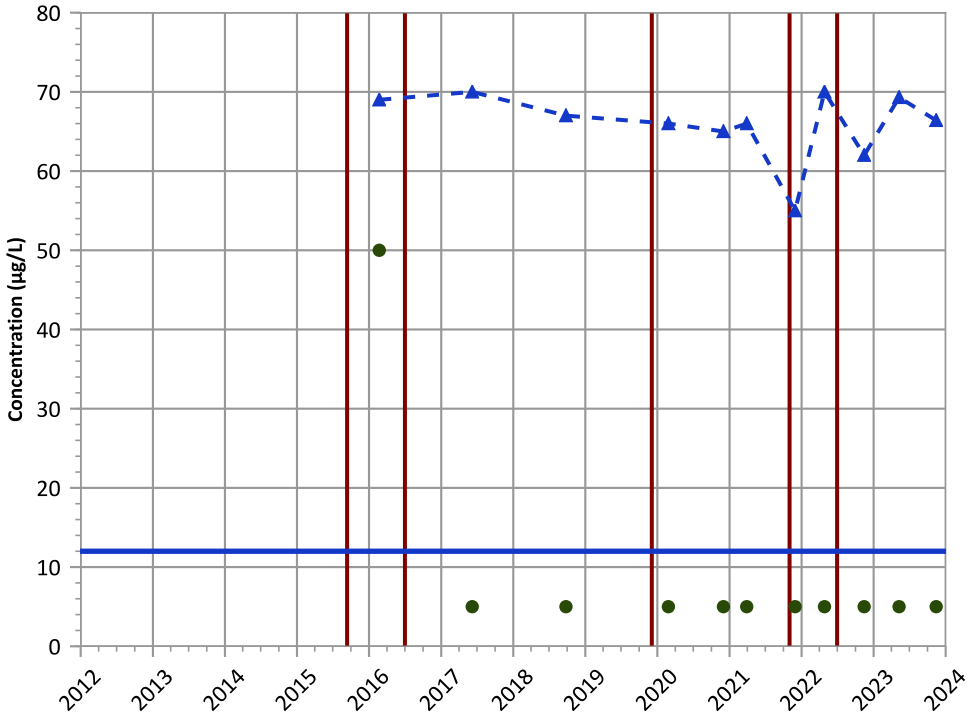
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

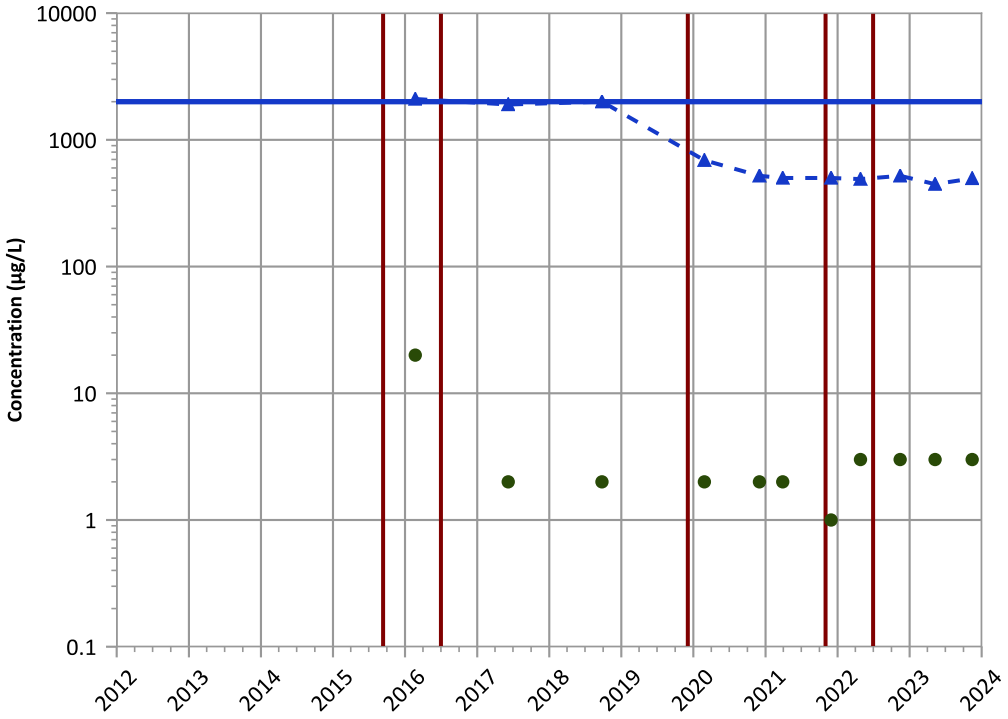


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Barium Trend



Concentration Trend

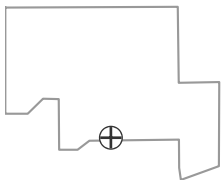
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

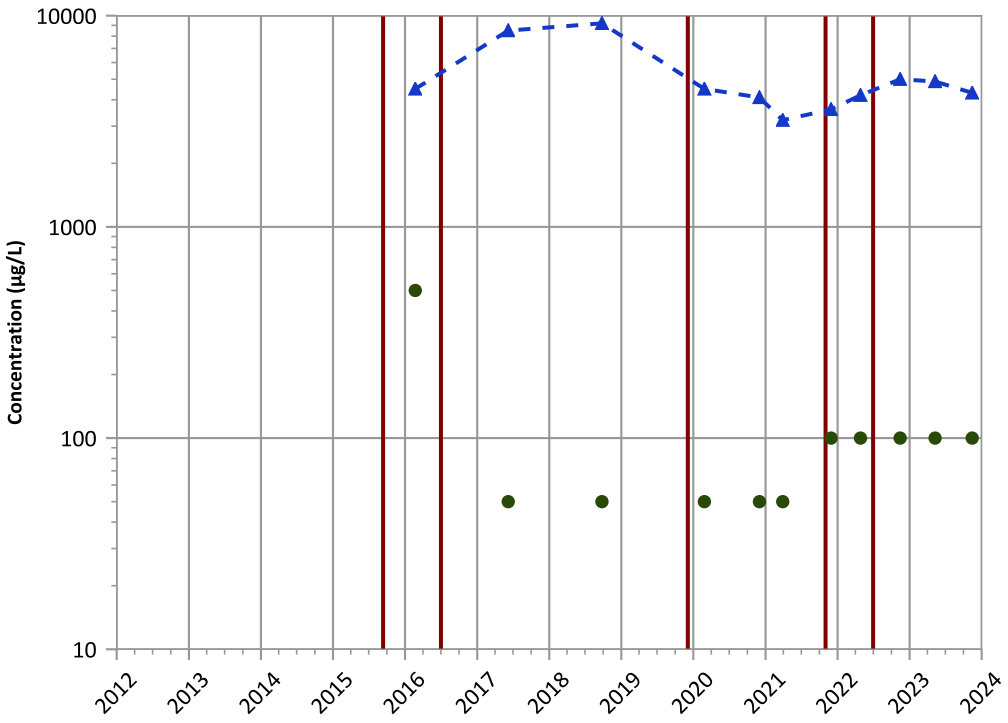
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

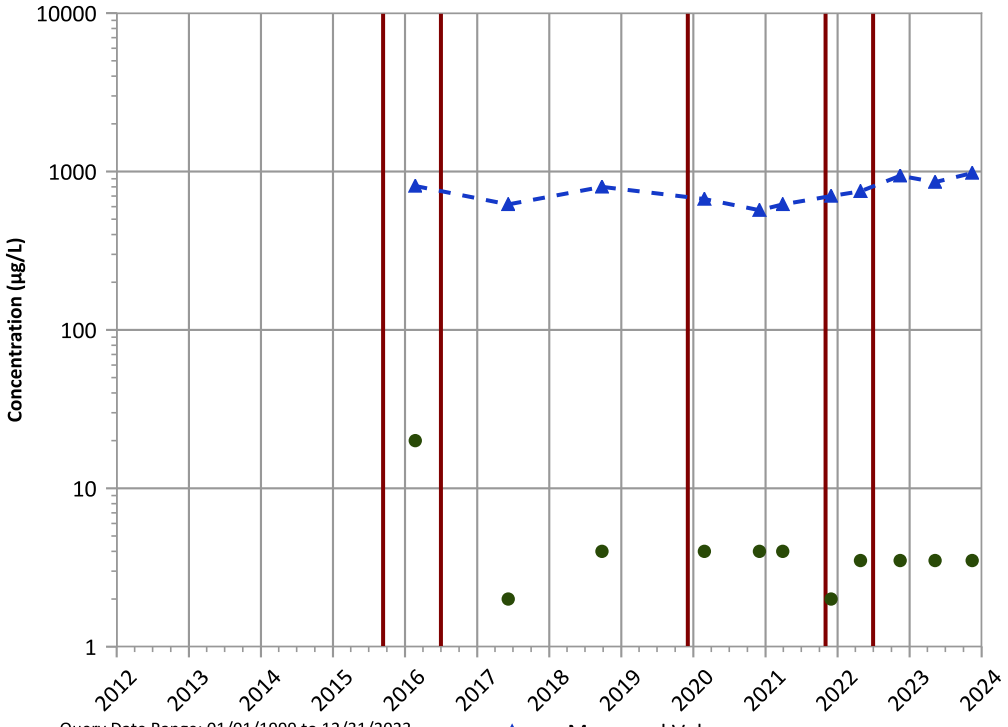
Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Manganese Trend



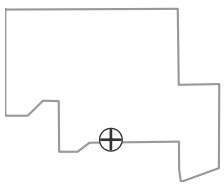
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

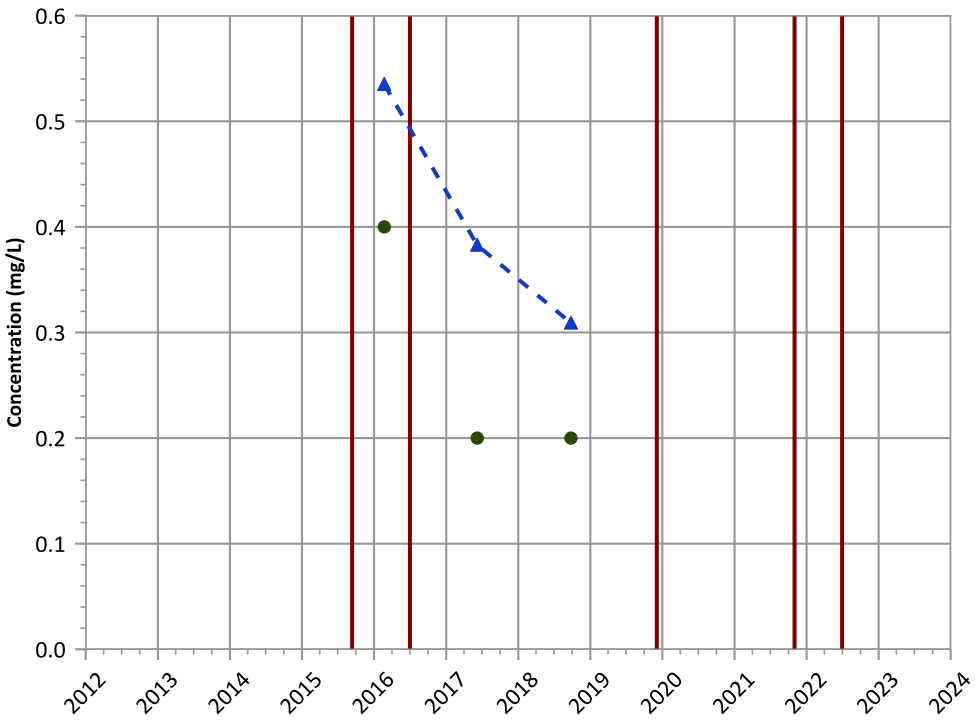
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

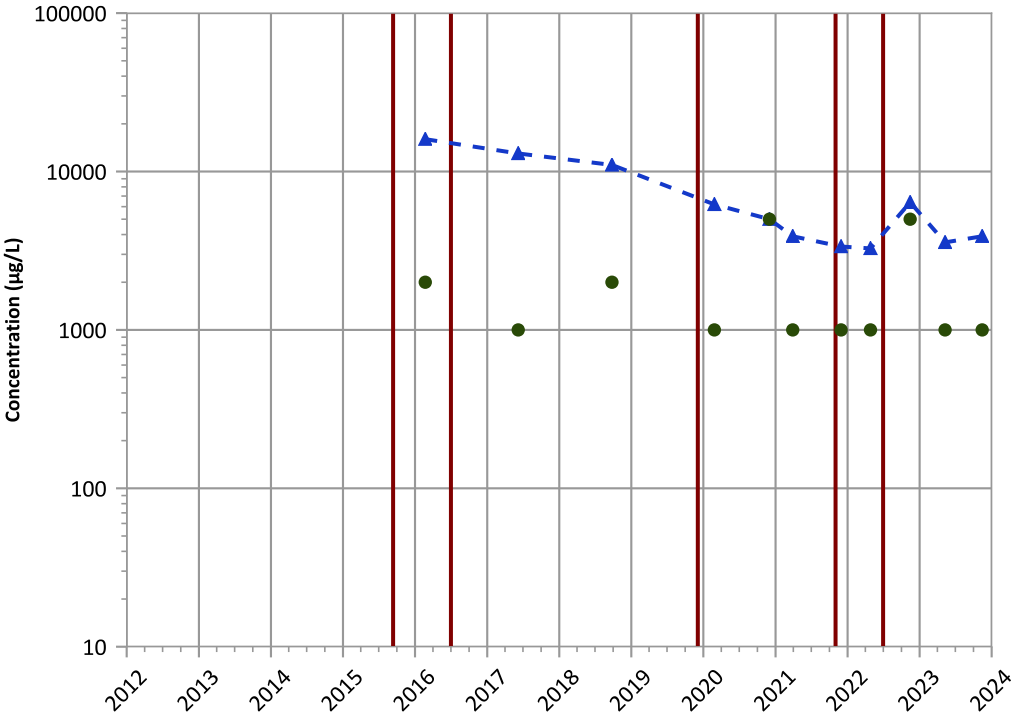


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

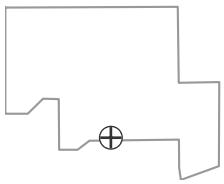
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

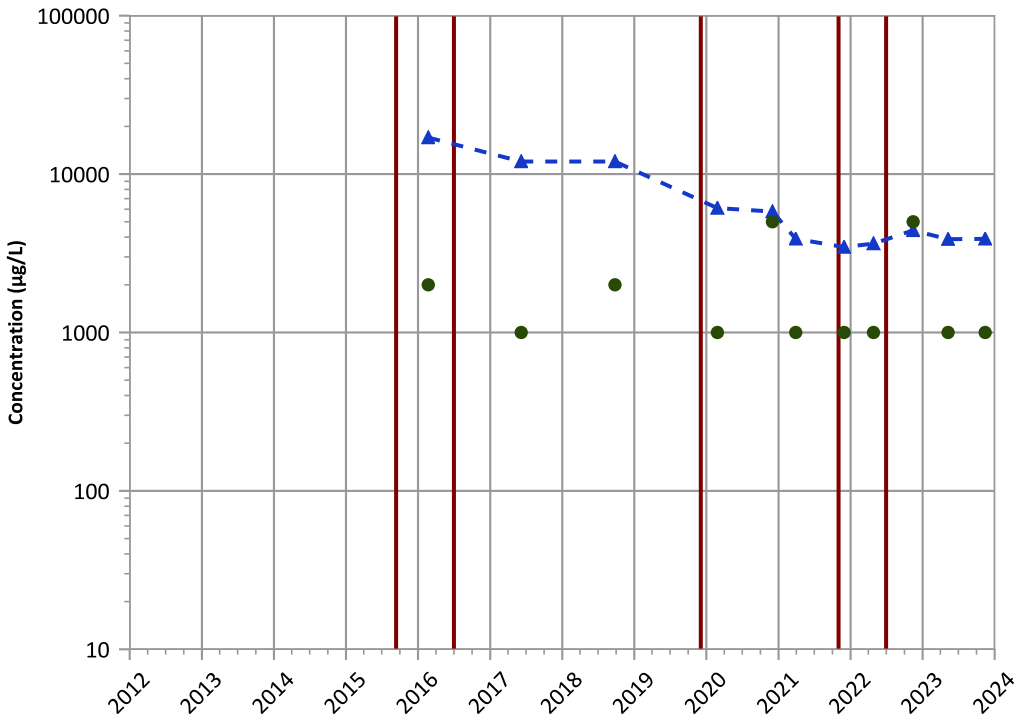
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

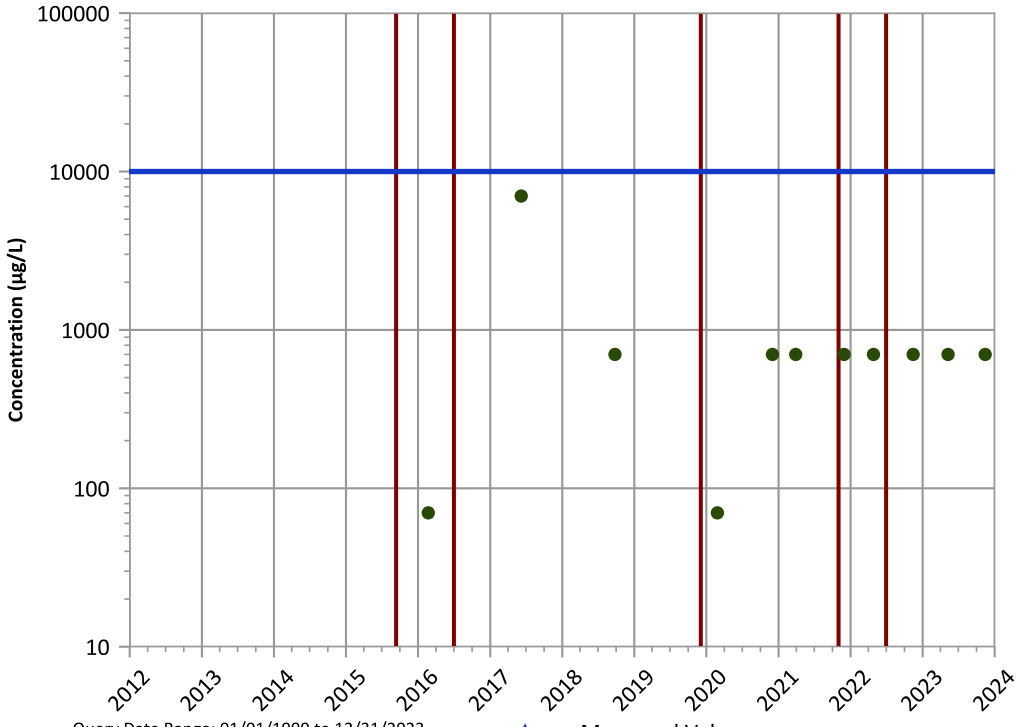


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

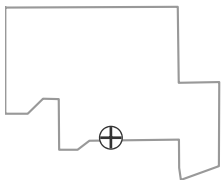
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

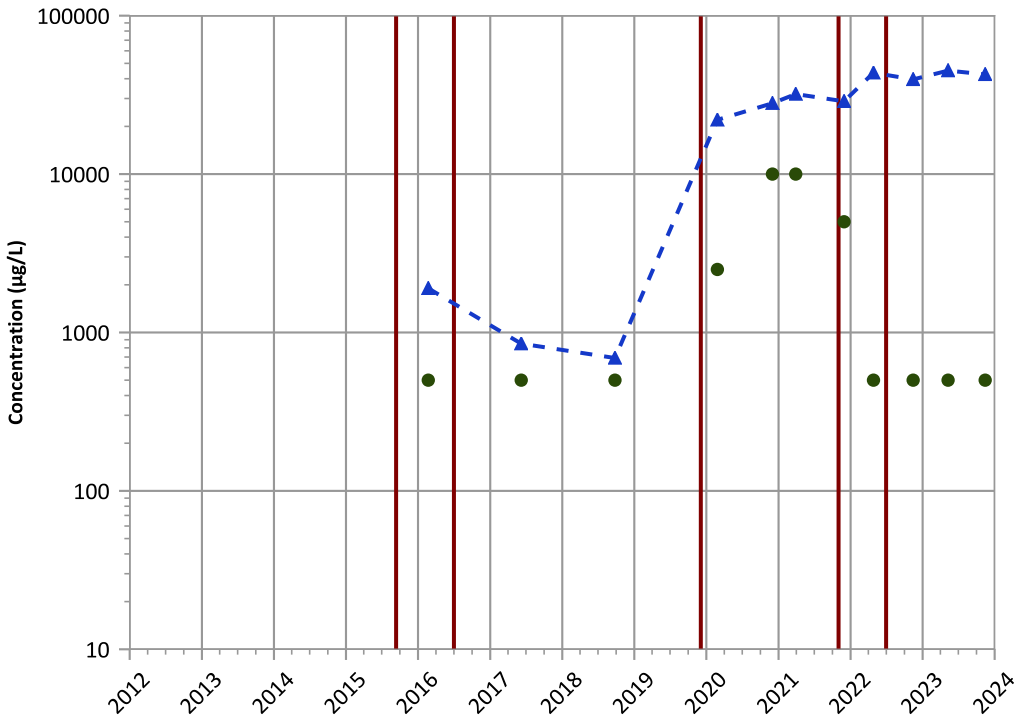
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

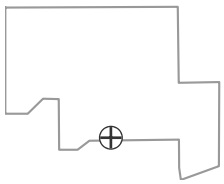
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

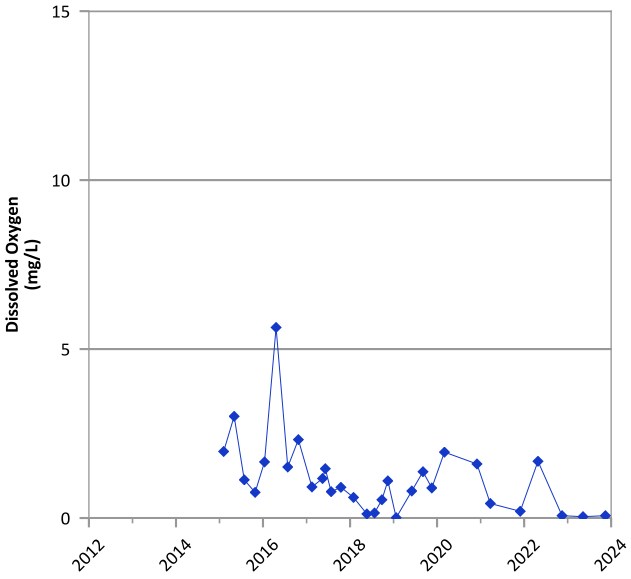
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/22/2016 to 11/14/2023
Analysis Date: 04/01/2024

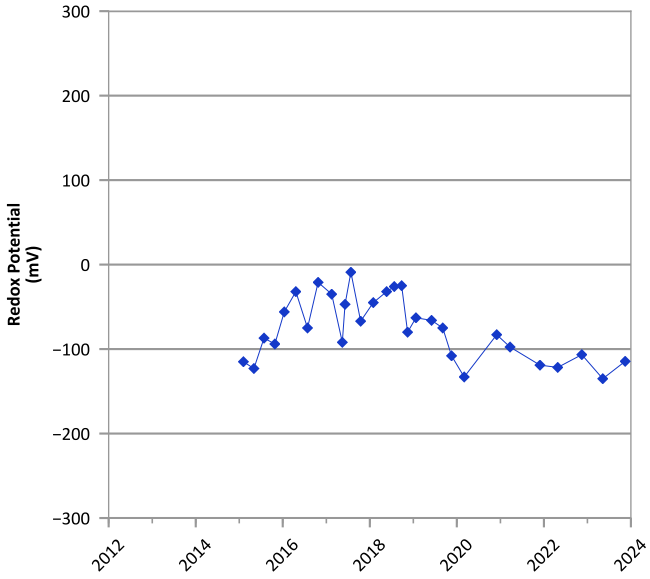
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

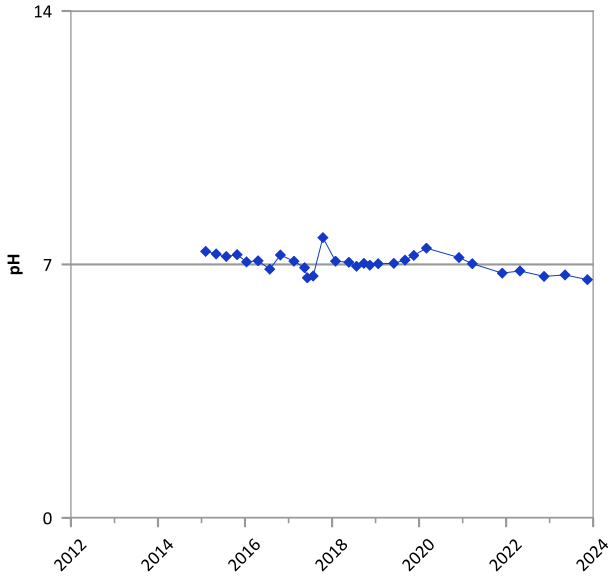
Well Location

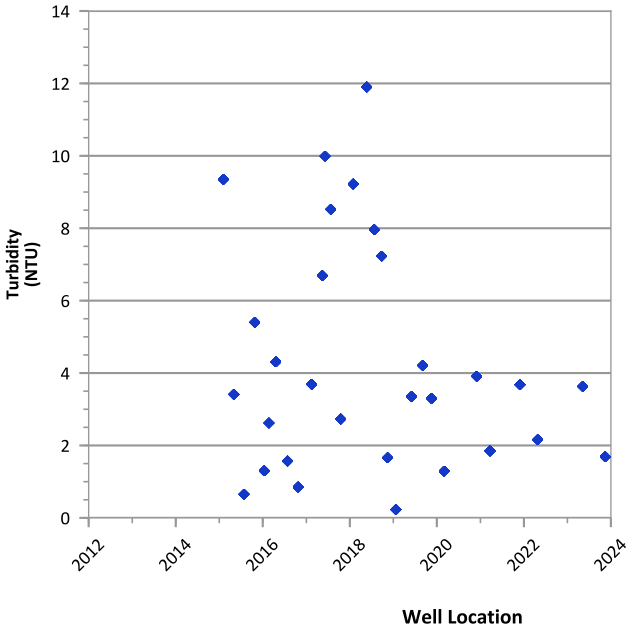


PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

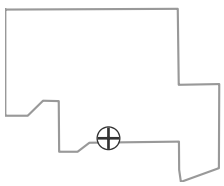






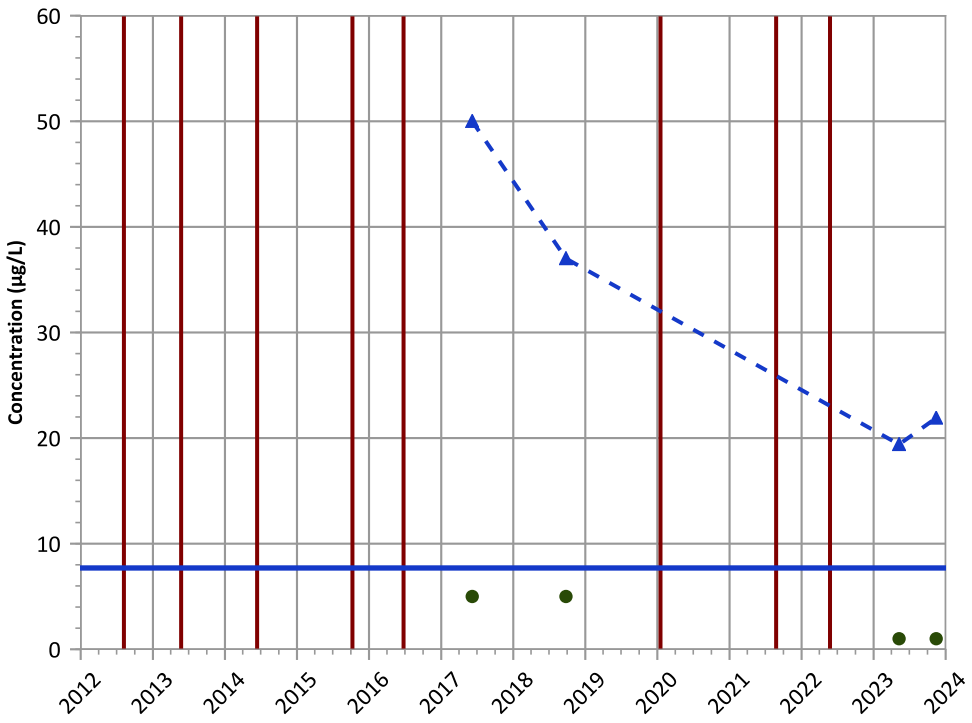


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

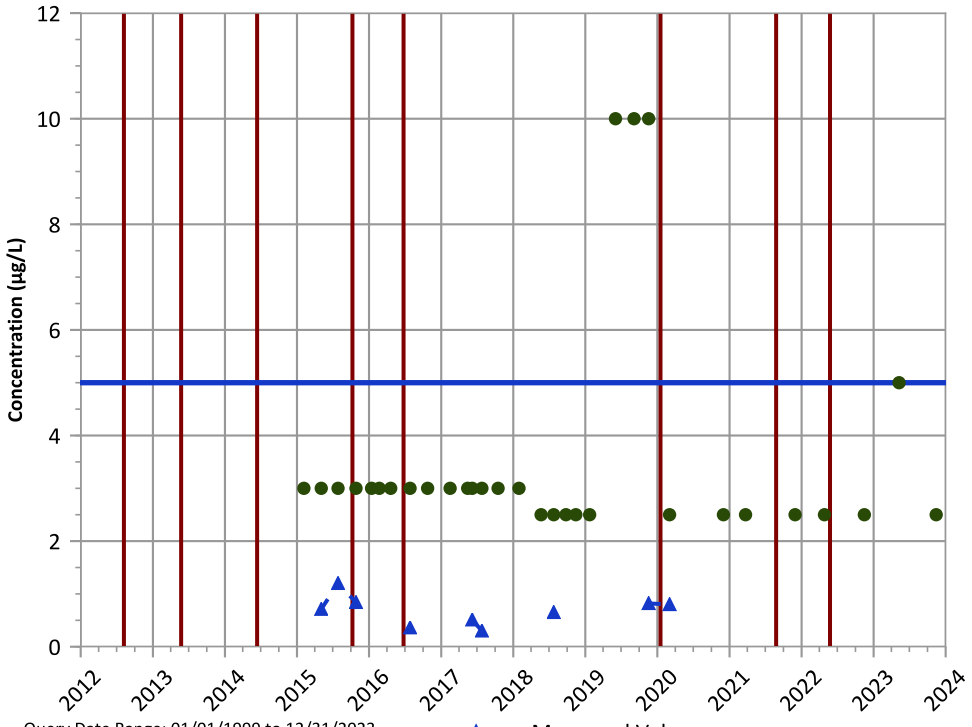


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

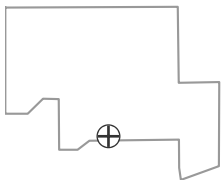
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

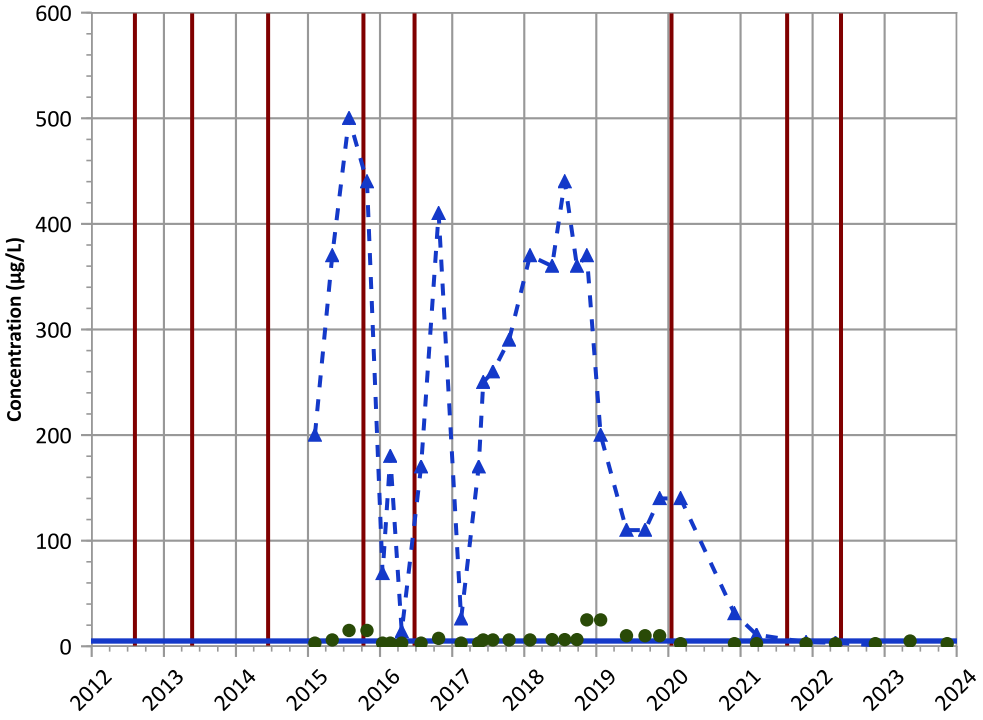
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

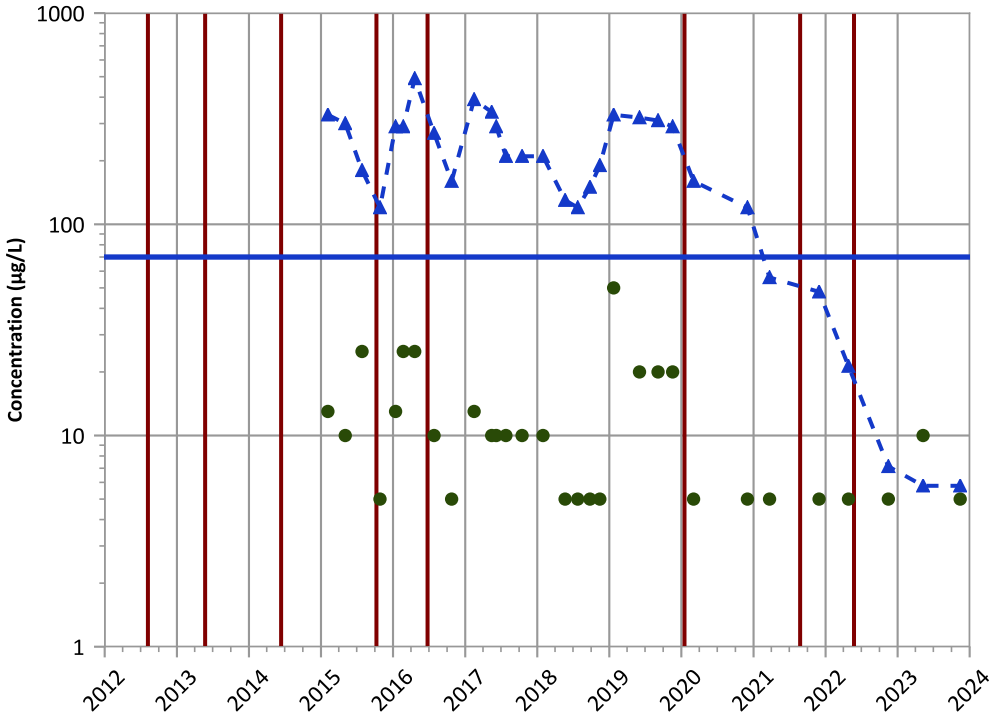


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

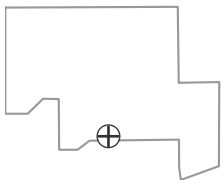
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

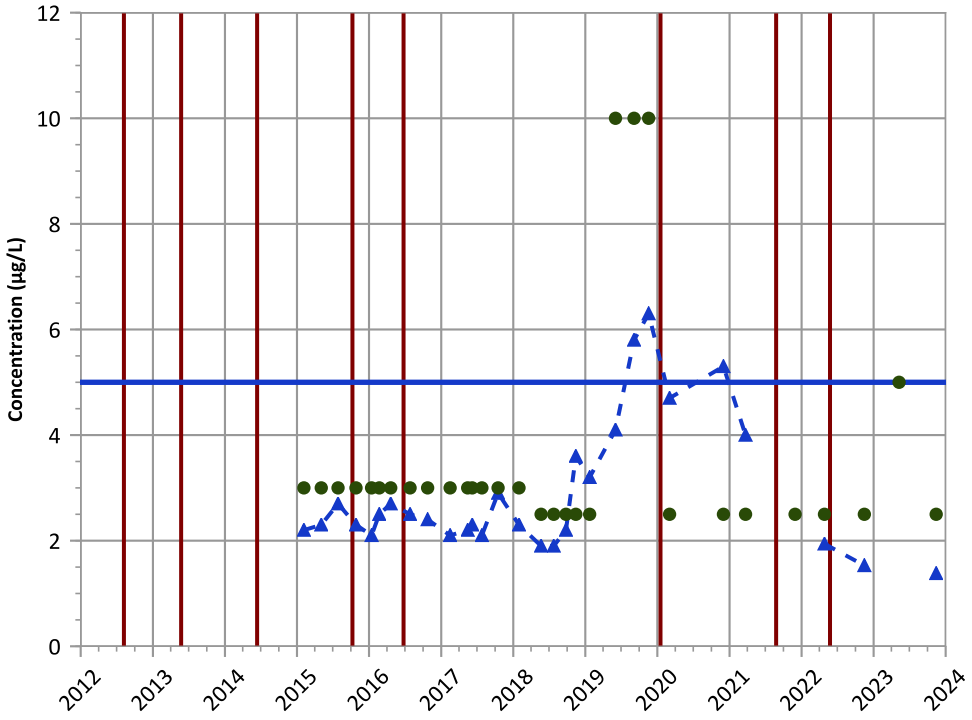
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

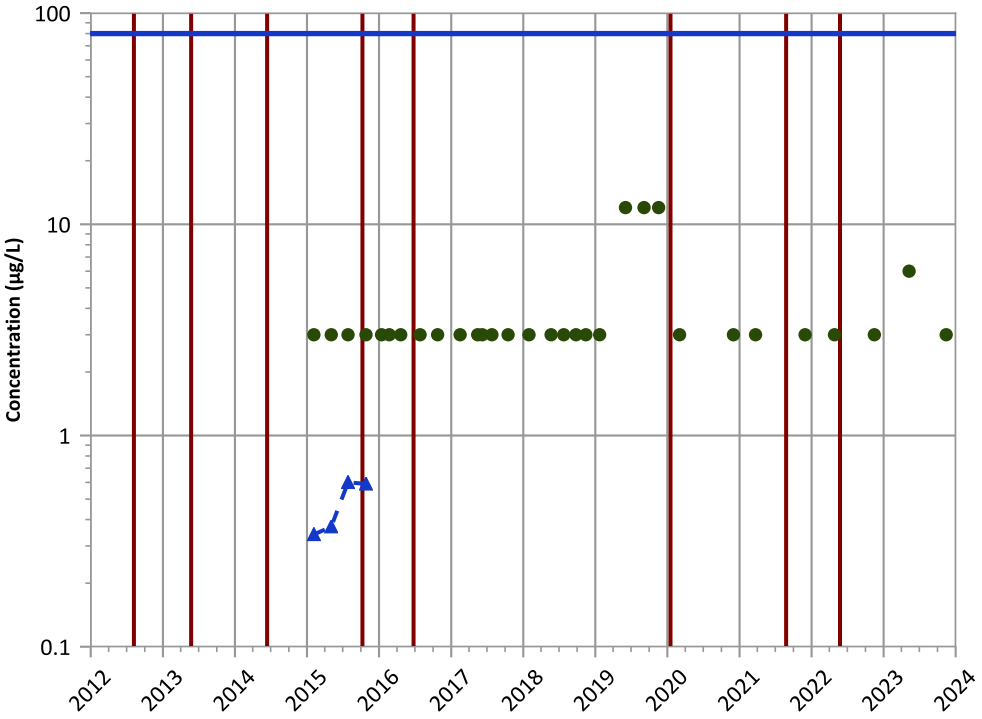


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Chloroform Trend



Concentration Trend

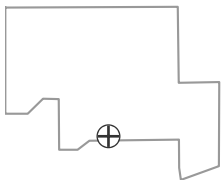
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

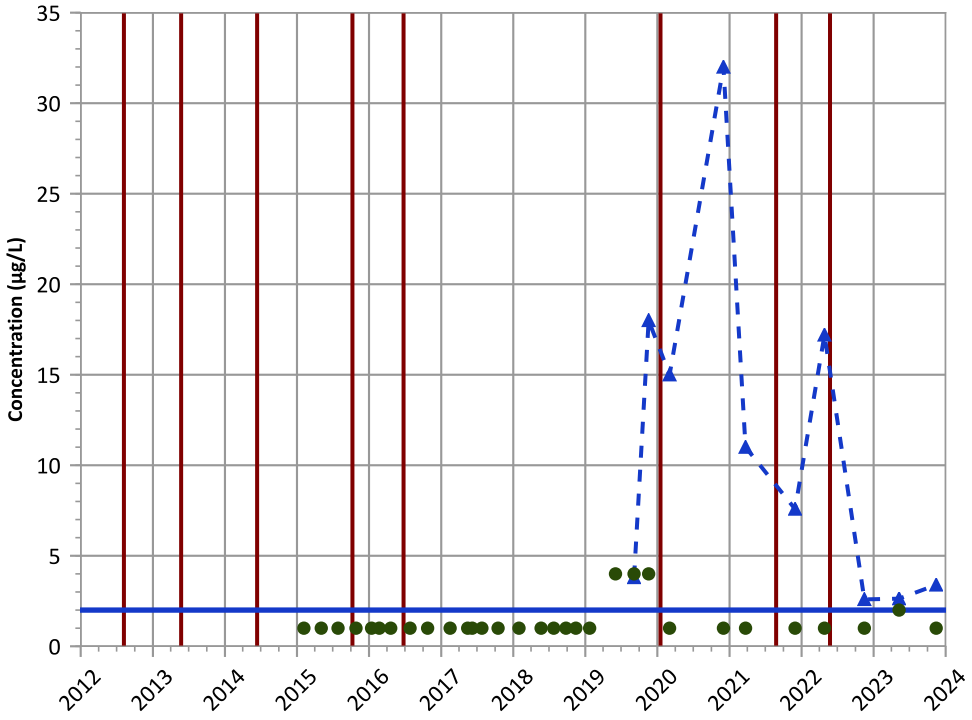
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

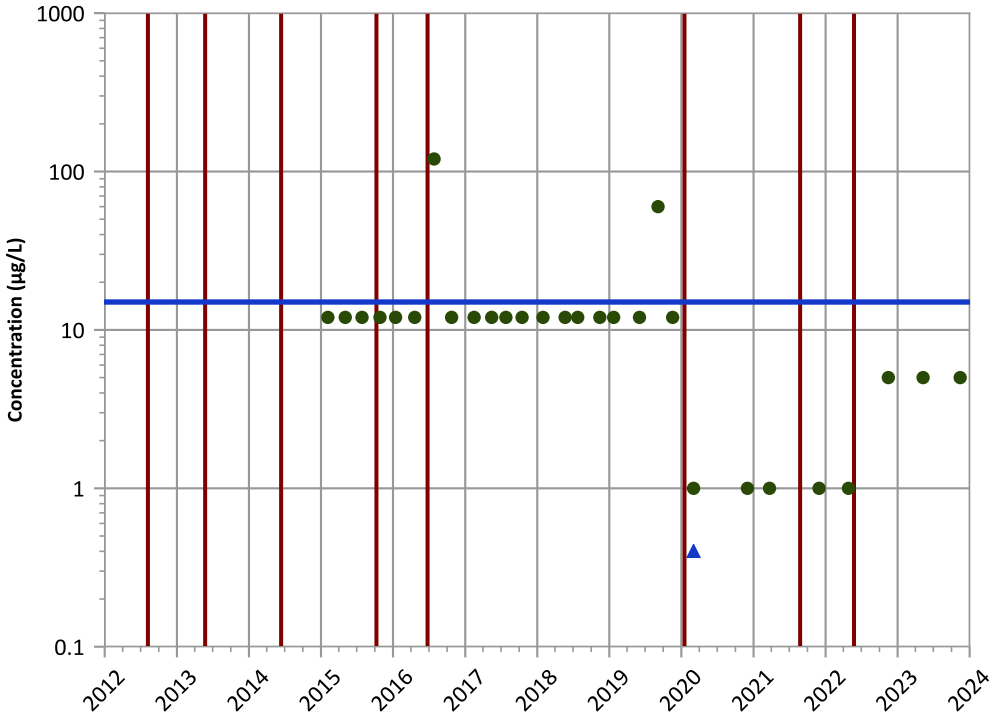


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Perchlorate Trend



Concentration Trend

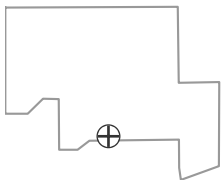
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

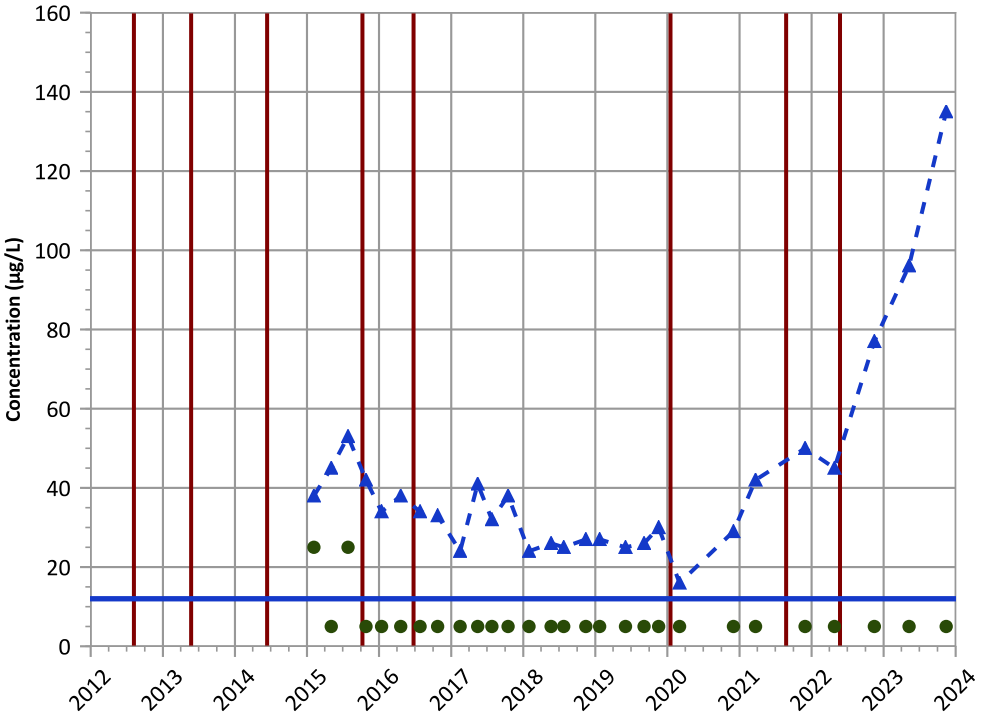
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

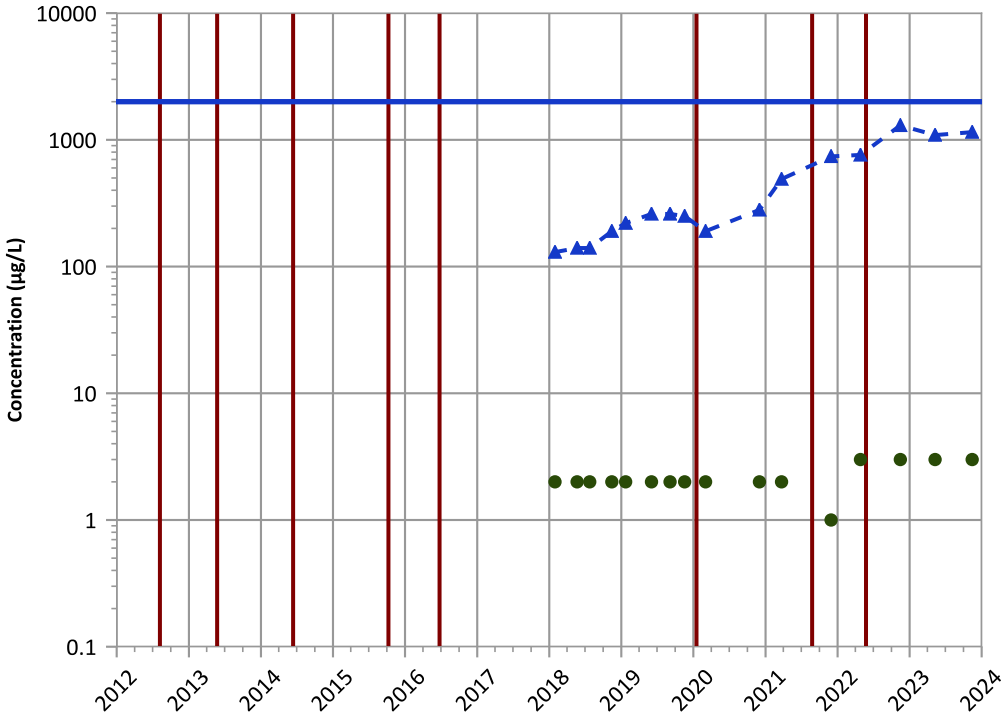


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Barium Trend



Concentration Trend

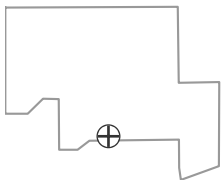
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

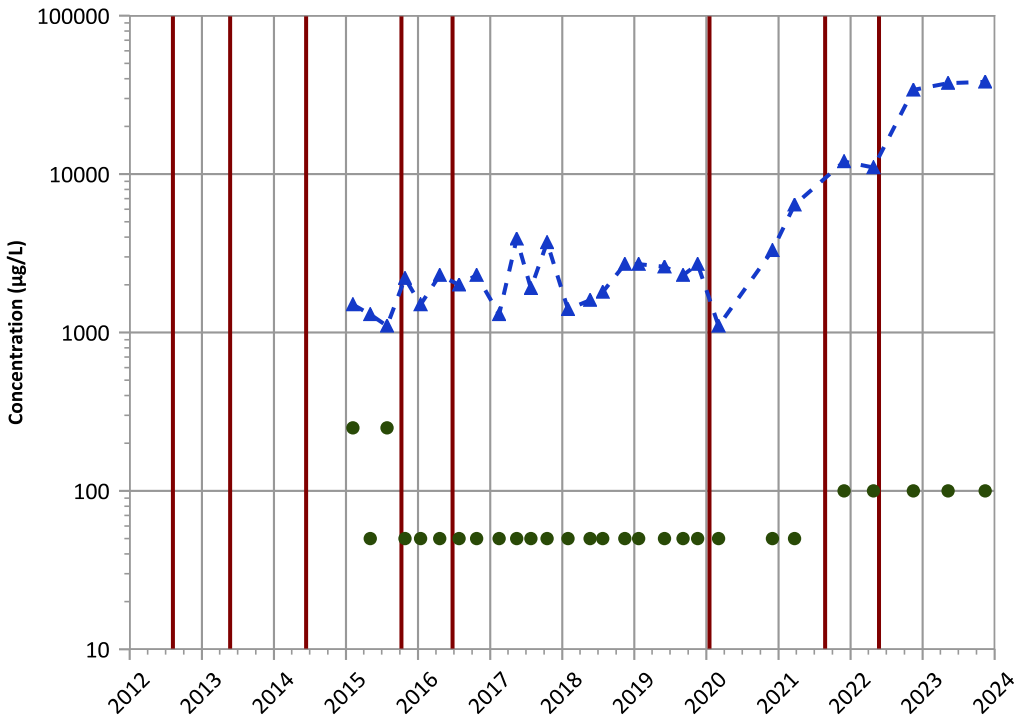
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

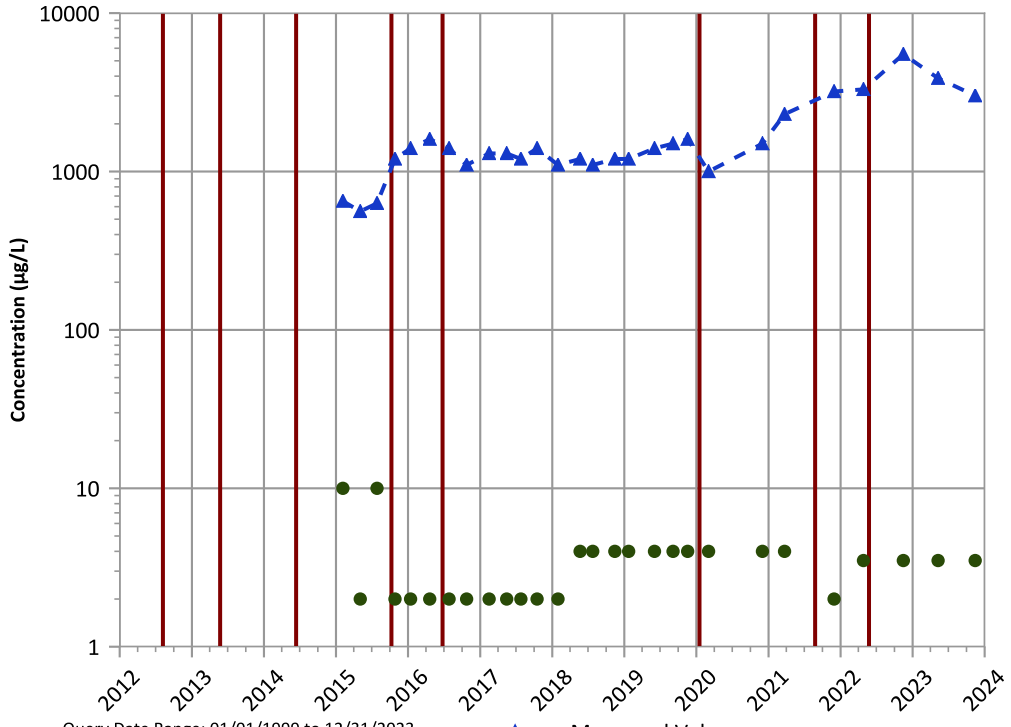


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Manganese Trend



Concentration Trend

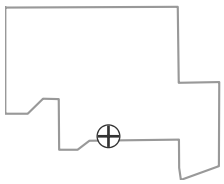
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

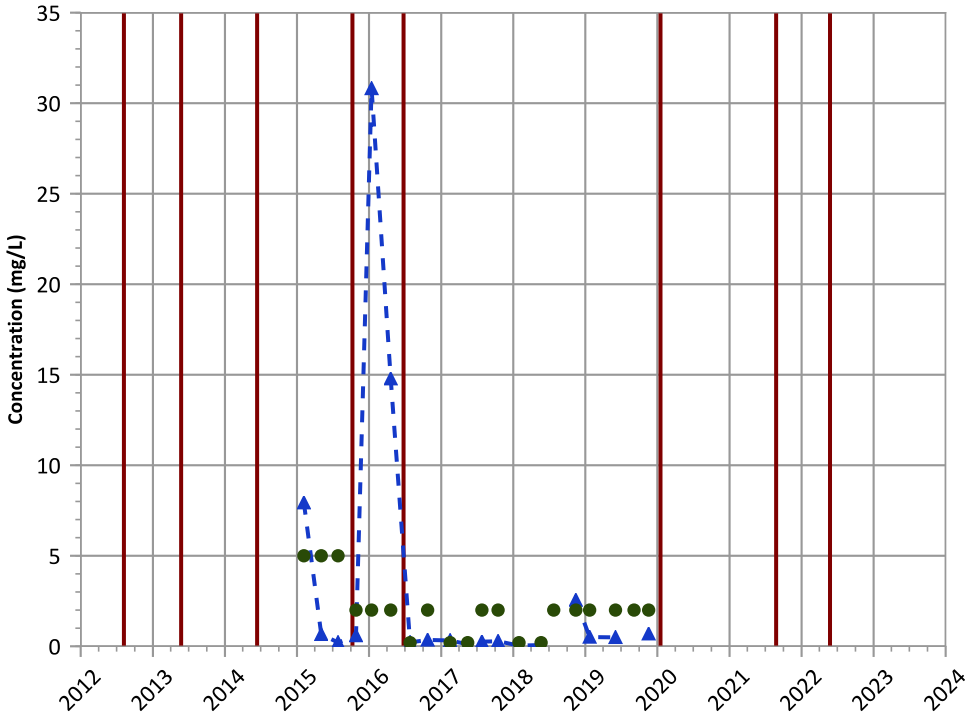
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

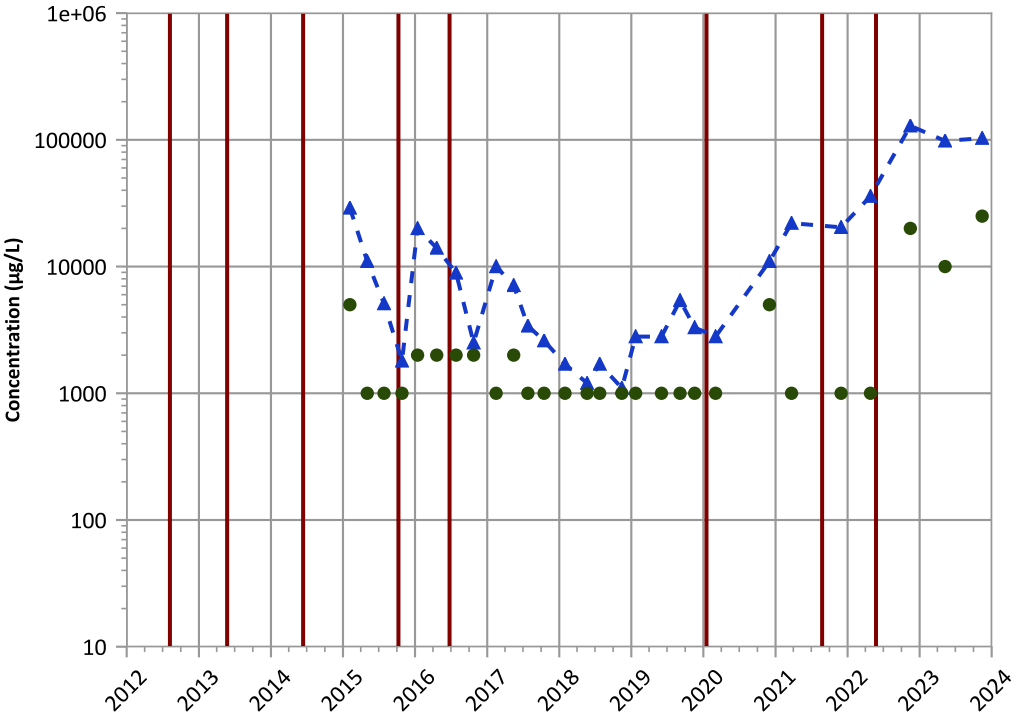


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

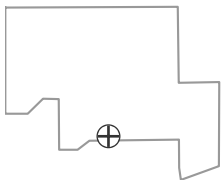
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

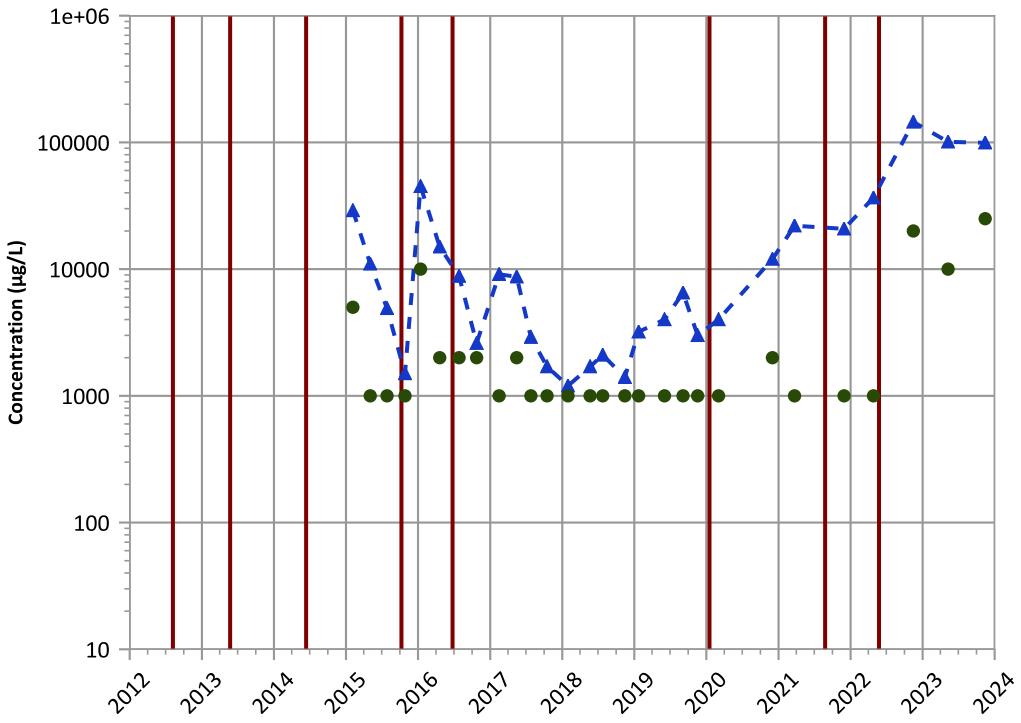
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

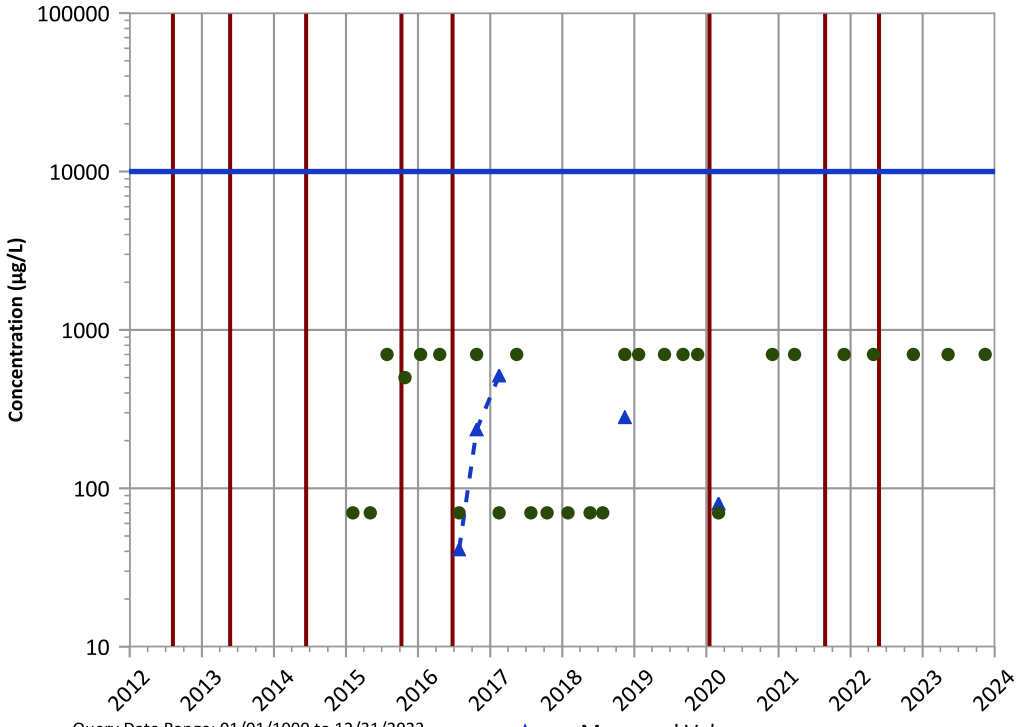


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

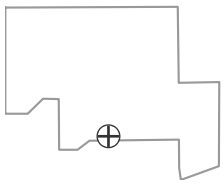
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

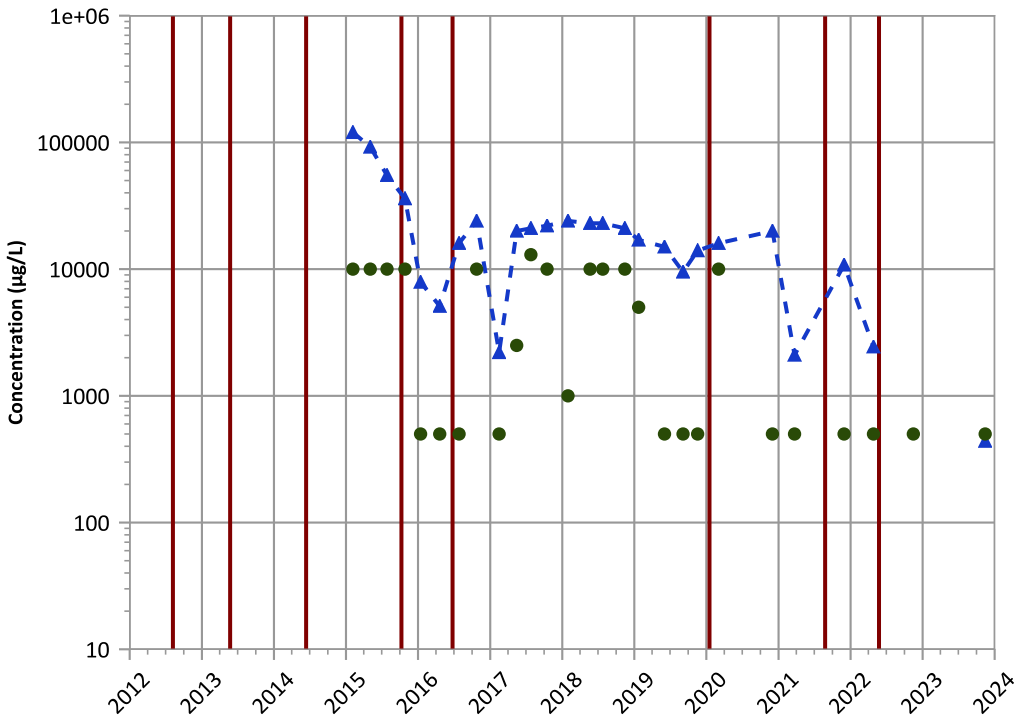
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

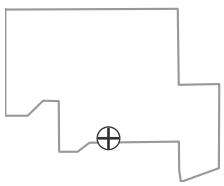
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

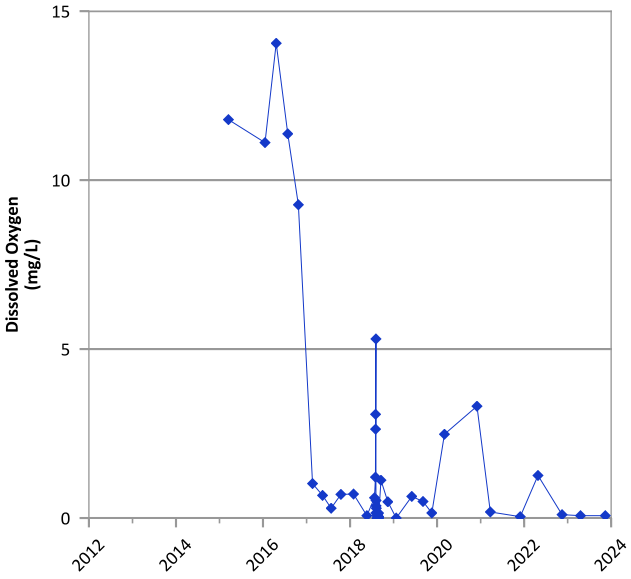
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2015 to 11/14/2023
Analysis Date: 04/01/2024

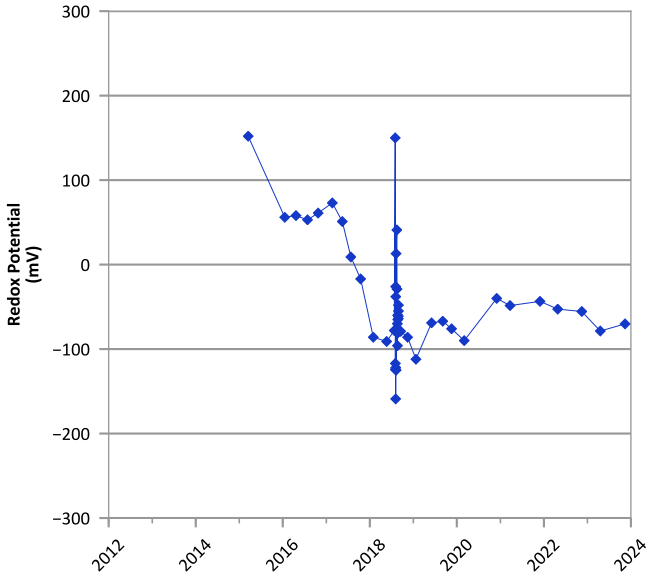
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

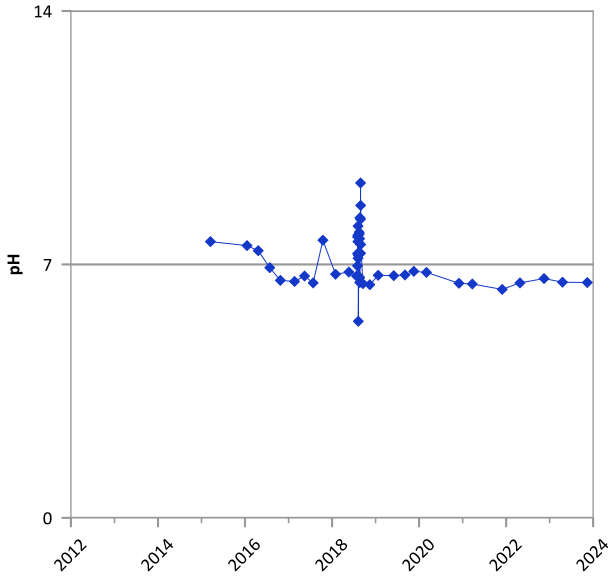
Well Location

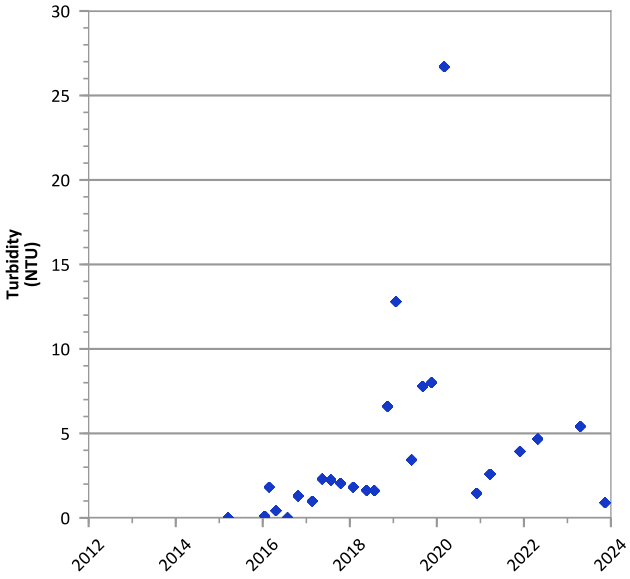


PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

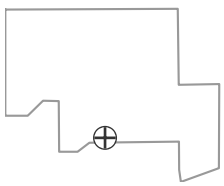






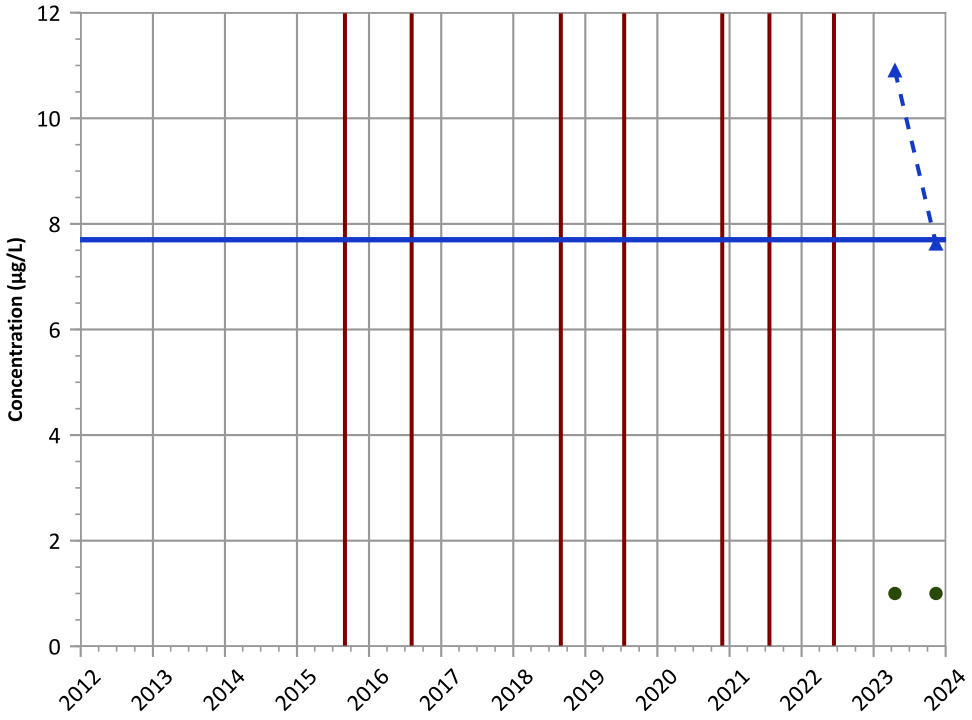


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

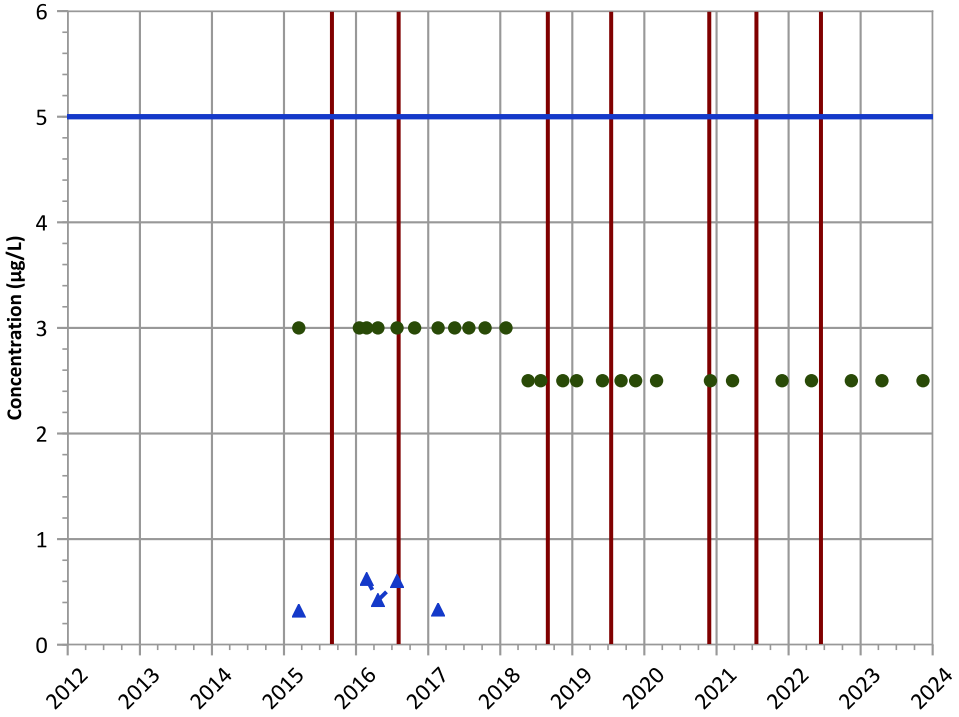


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

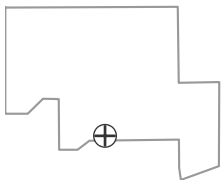
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

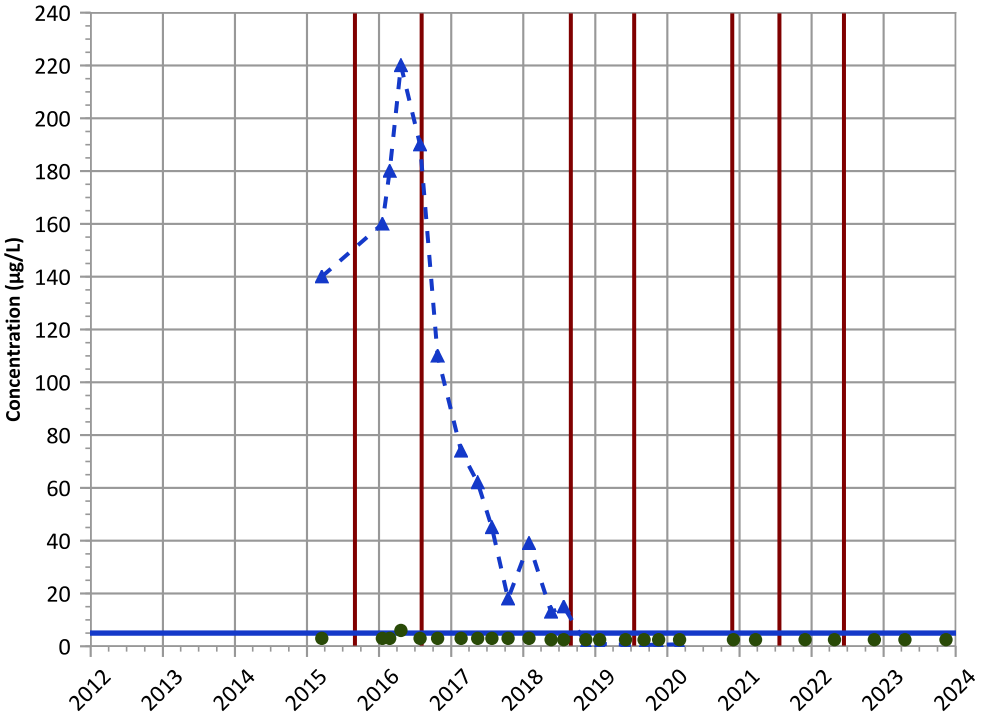
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

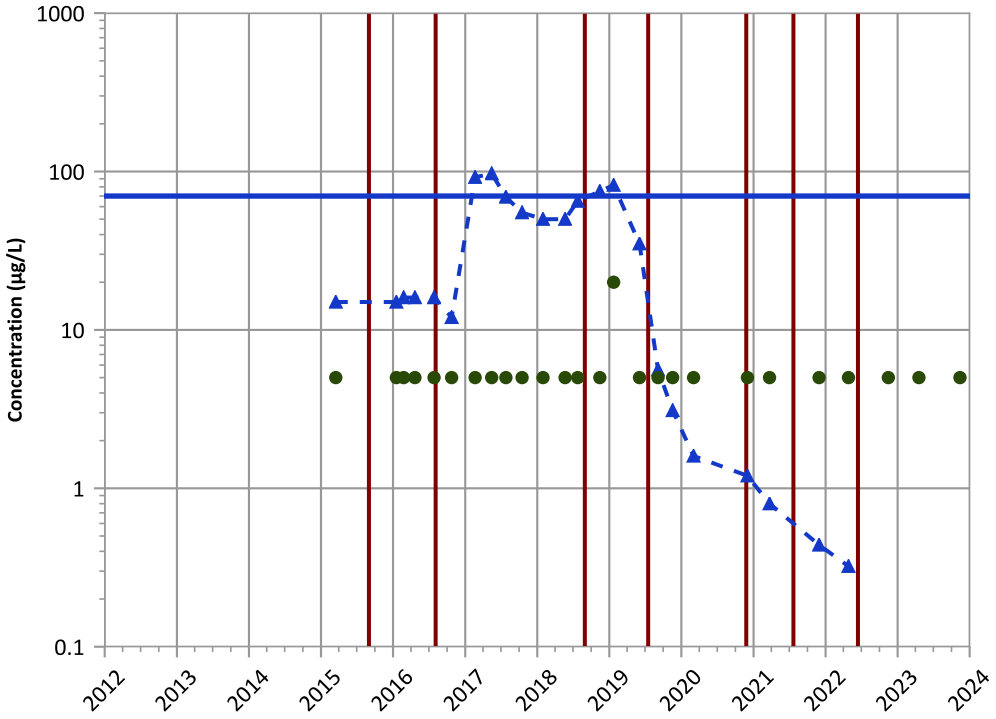


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

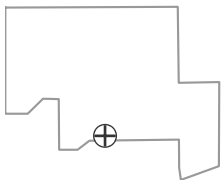
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

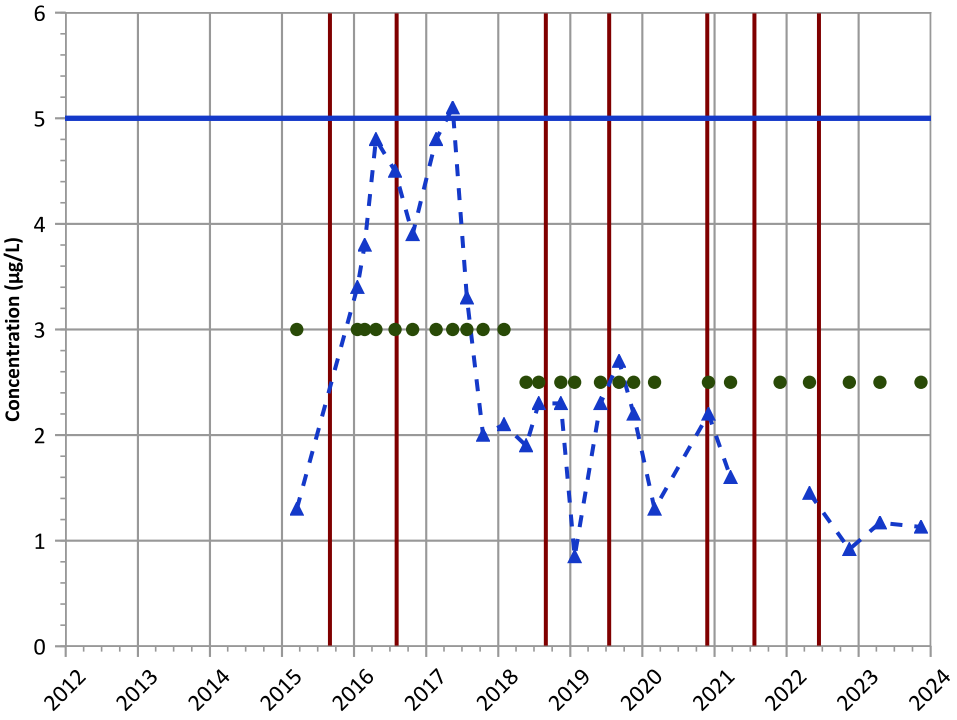
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

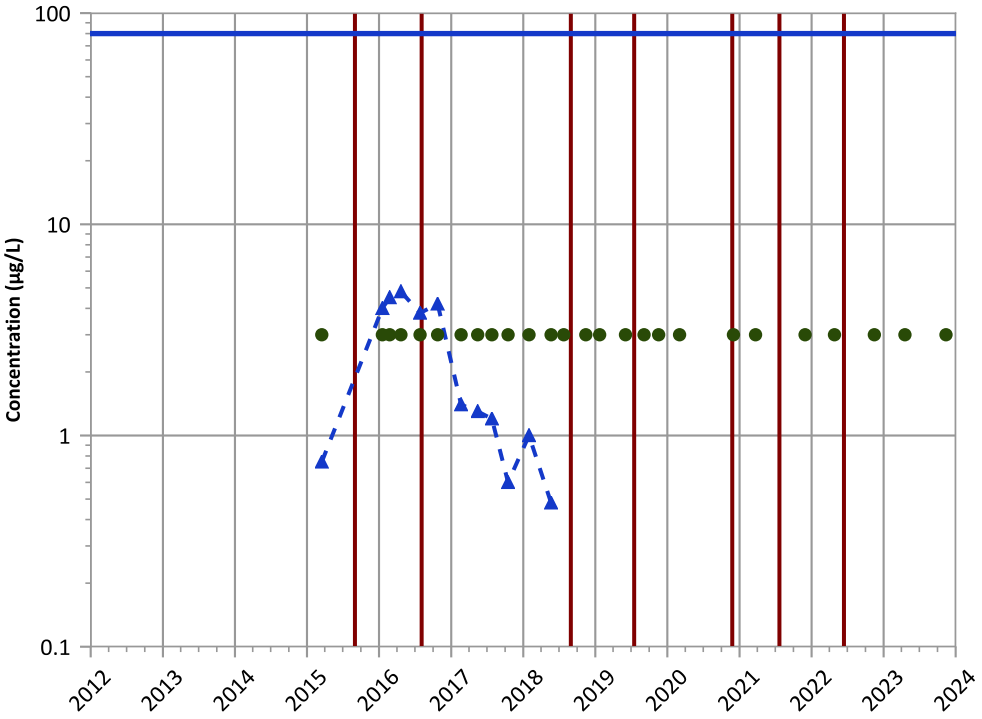


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

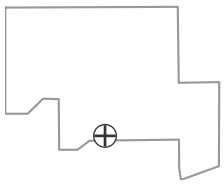
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

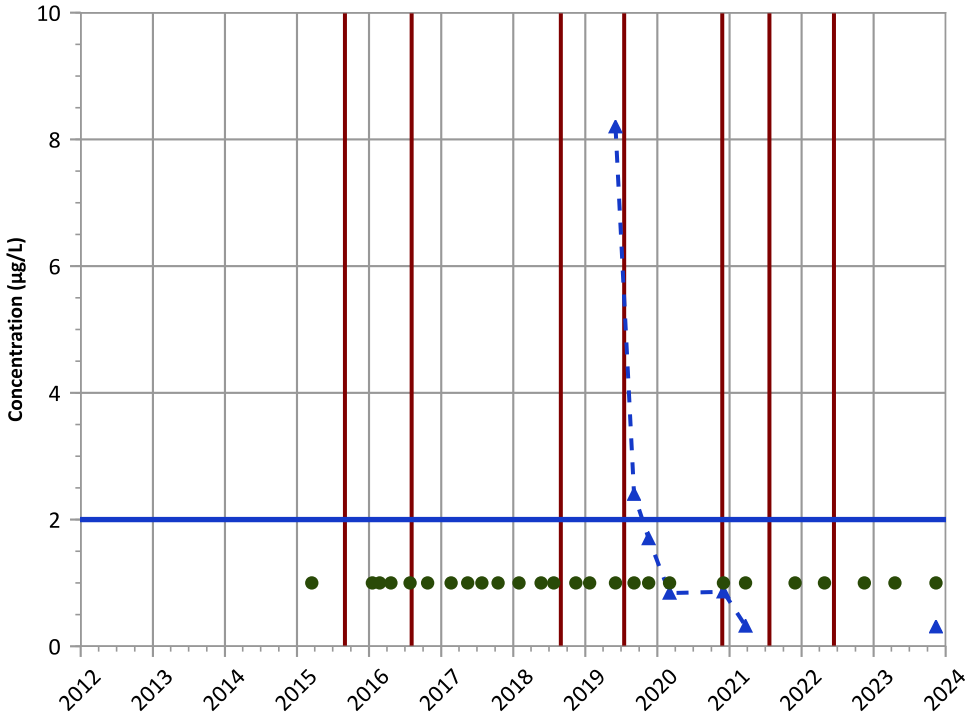
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

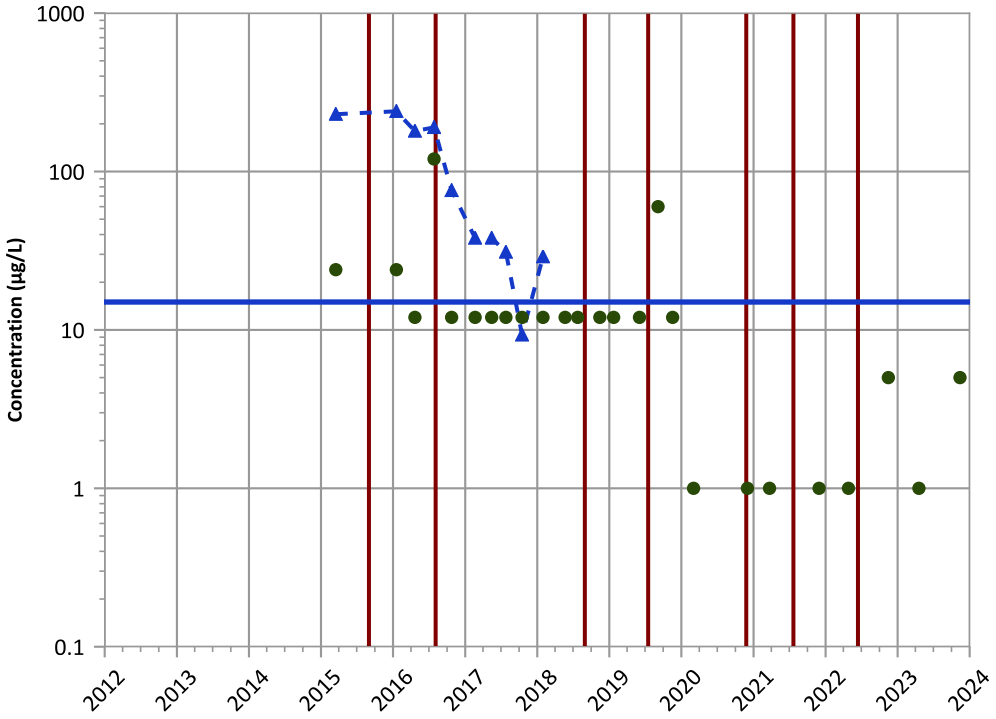


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Perchlorate Trend



Concentration Trend

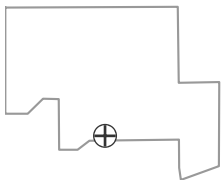
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

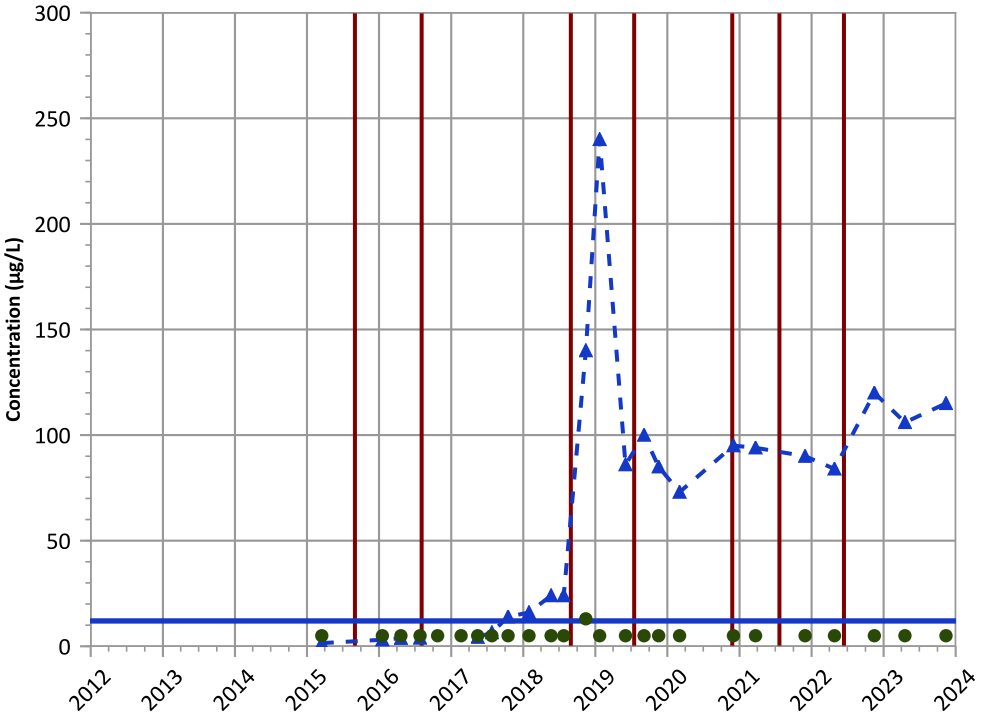
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

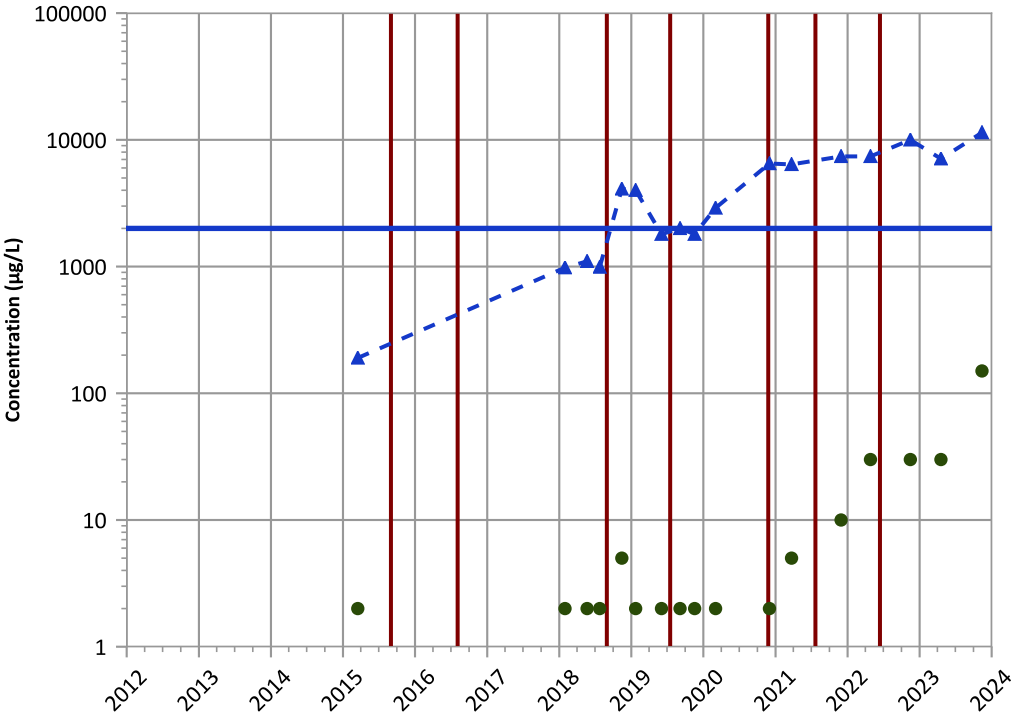
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Barium Trend



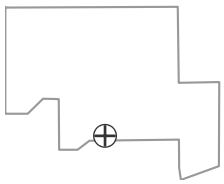
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

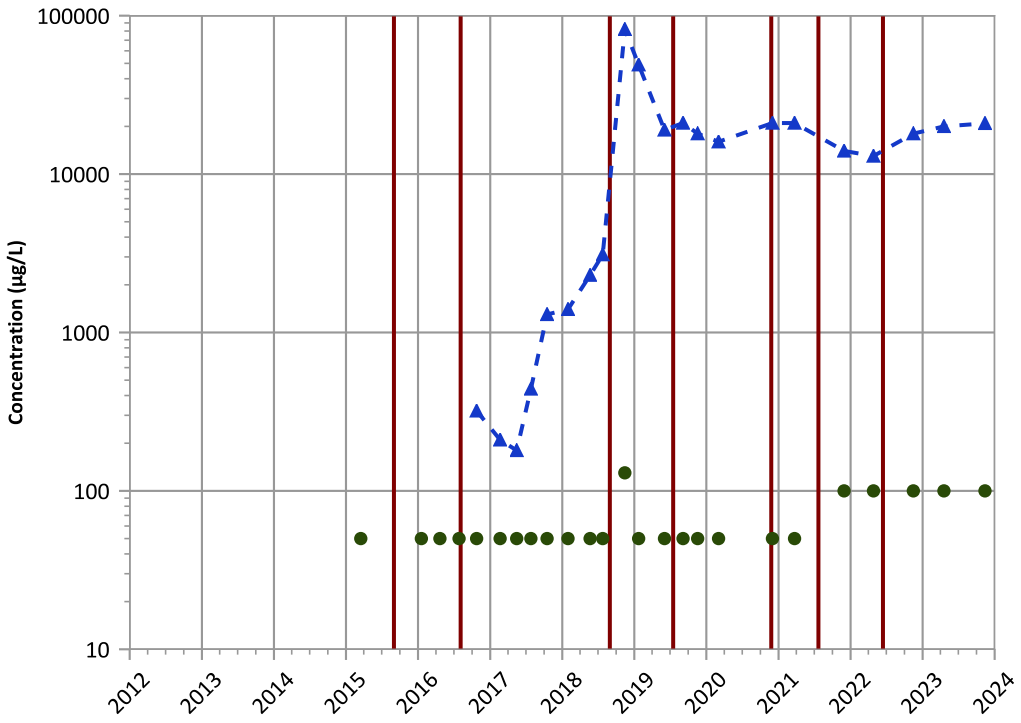
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

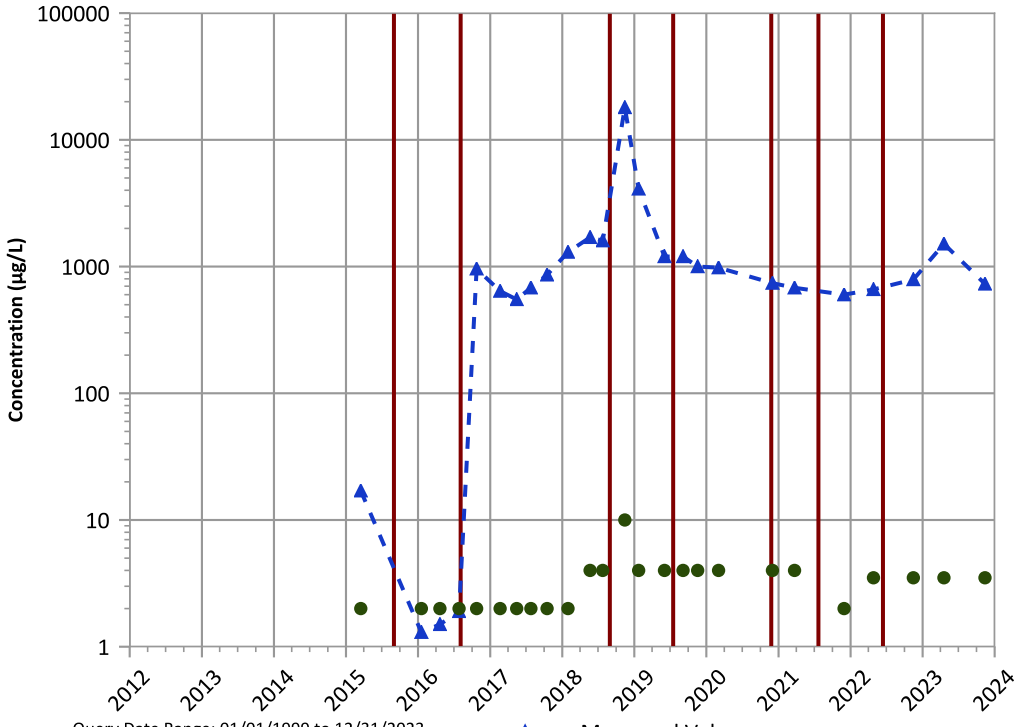


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Manganese Trend



Concentration Trend

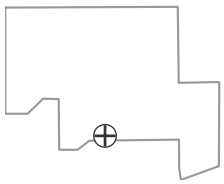
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

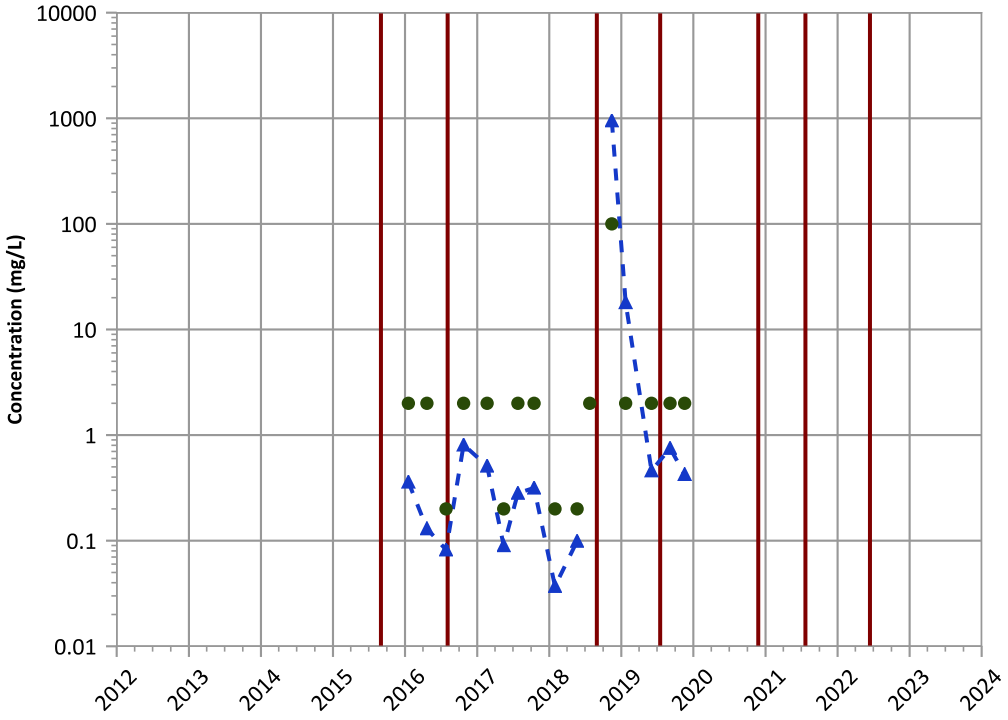
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

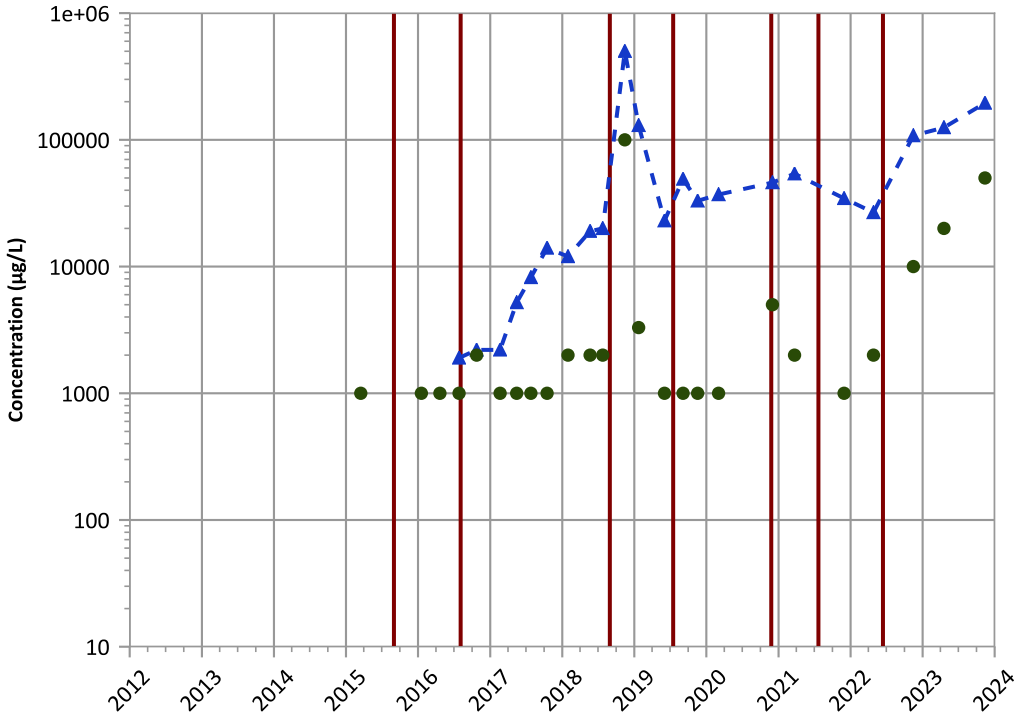
Total Volatile Fatty Acids Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Total Organic Carbon Trend



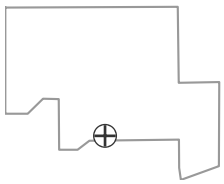
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

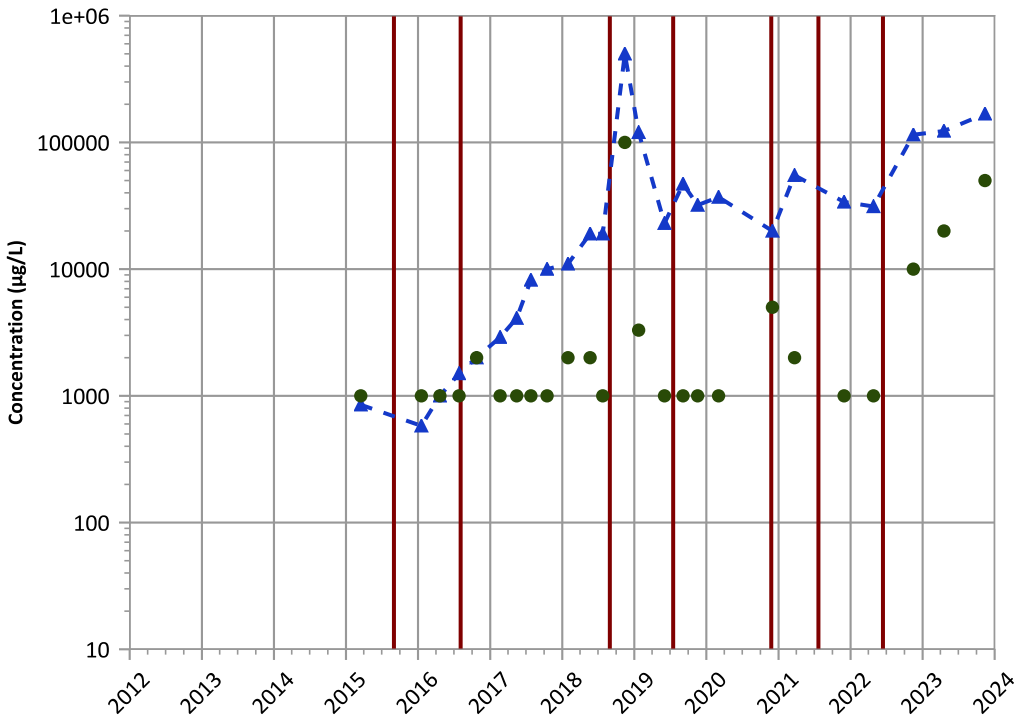
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

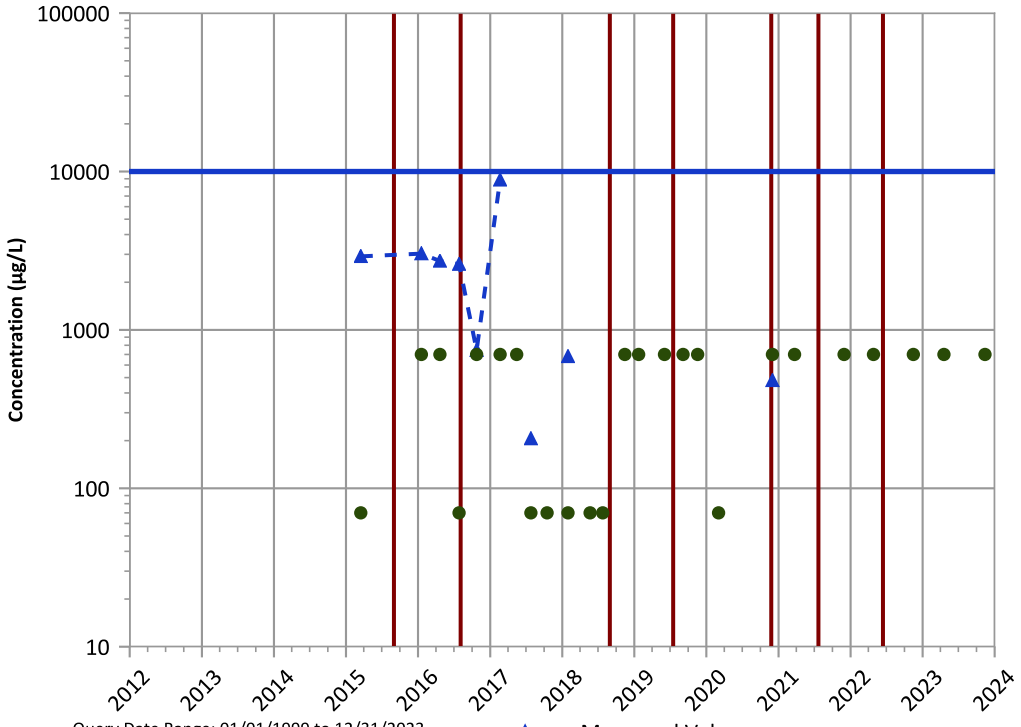


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Nitrate as N Trend



Concentration Trend

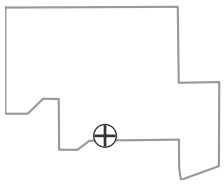
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

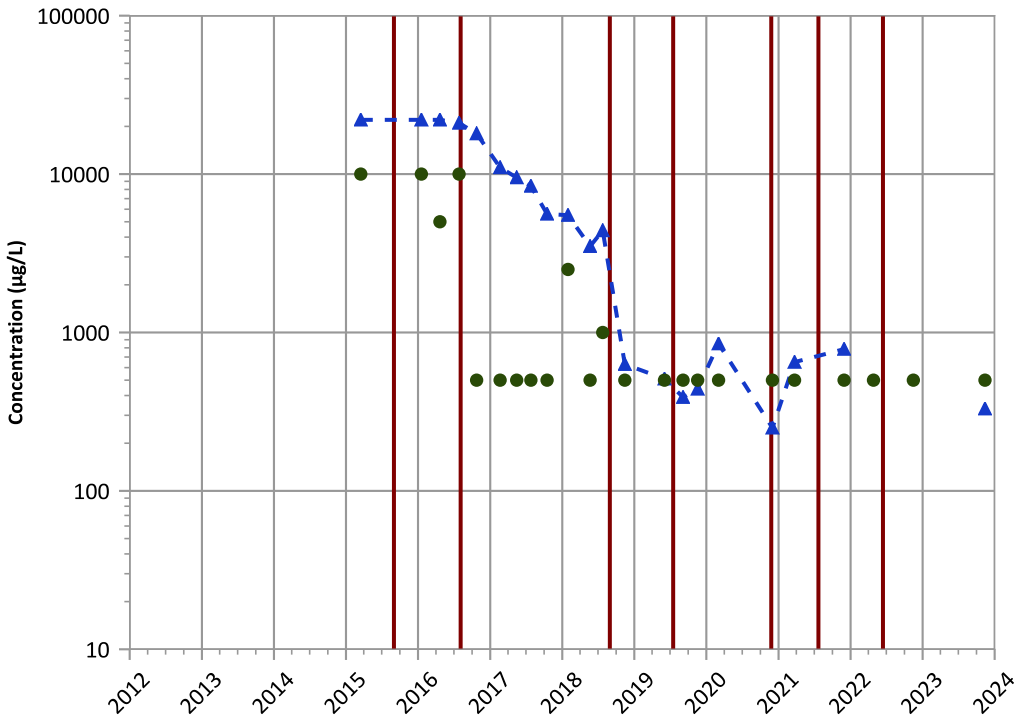
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

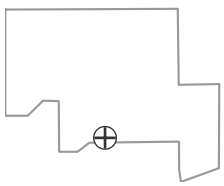
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

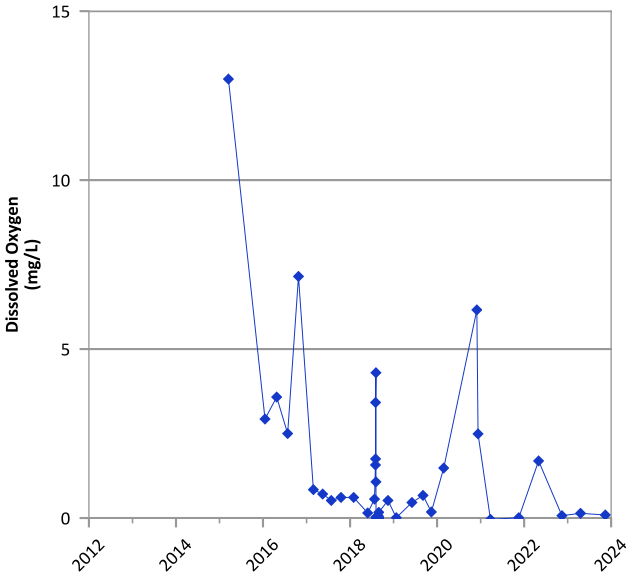
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

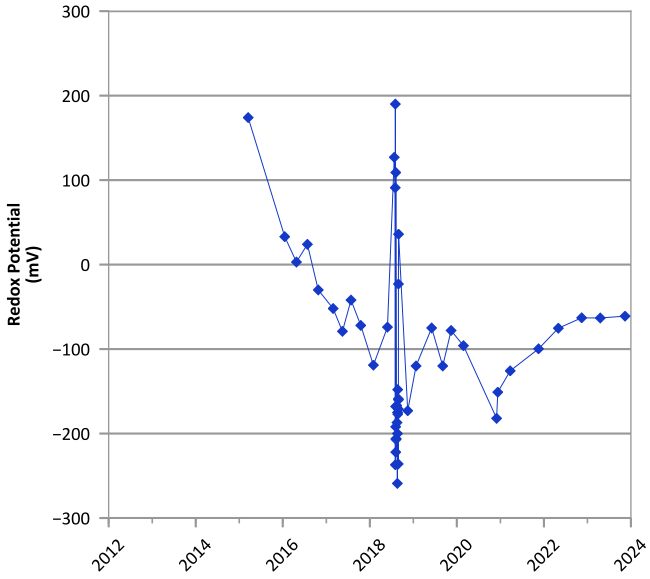
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

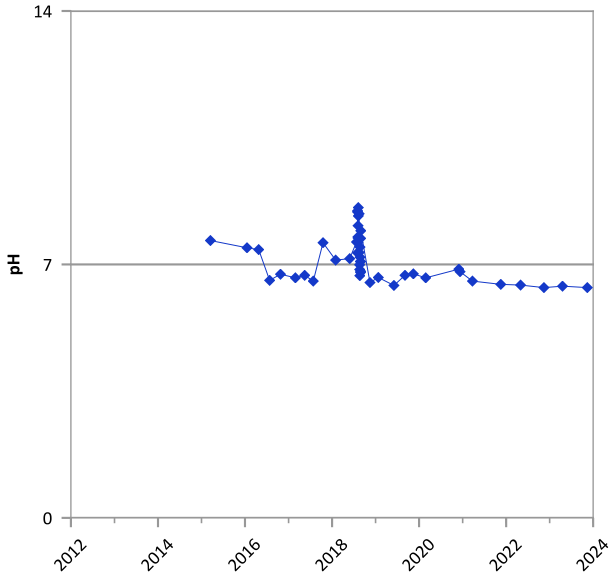
Well Location

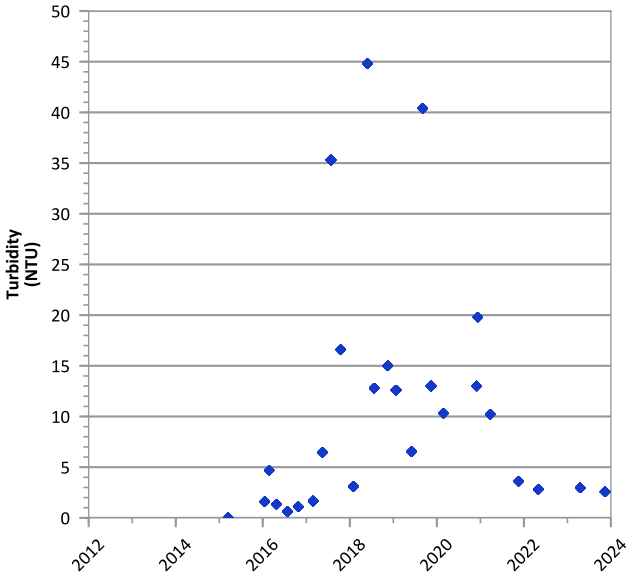


PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

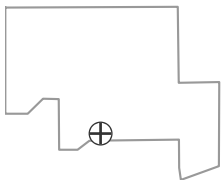






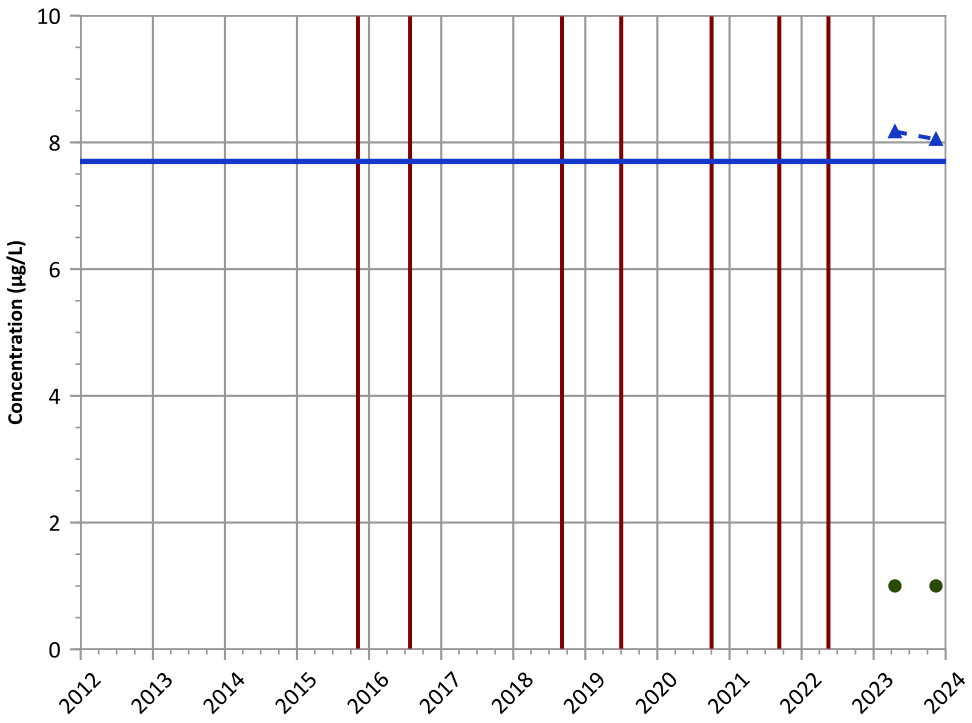


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

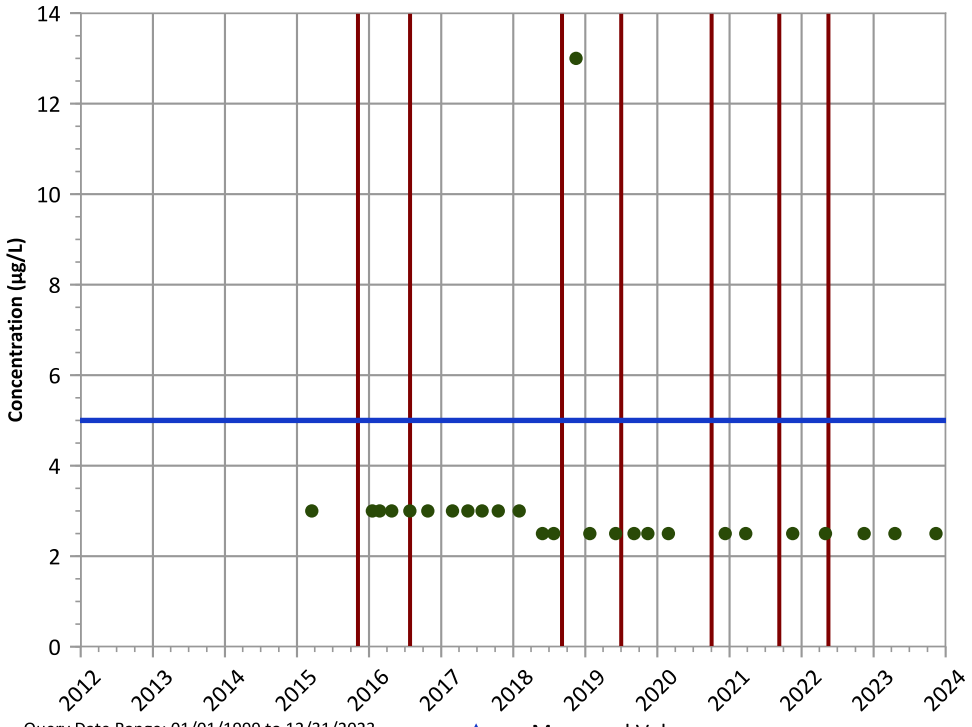


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

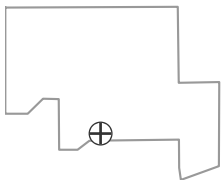
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

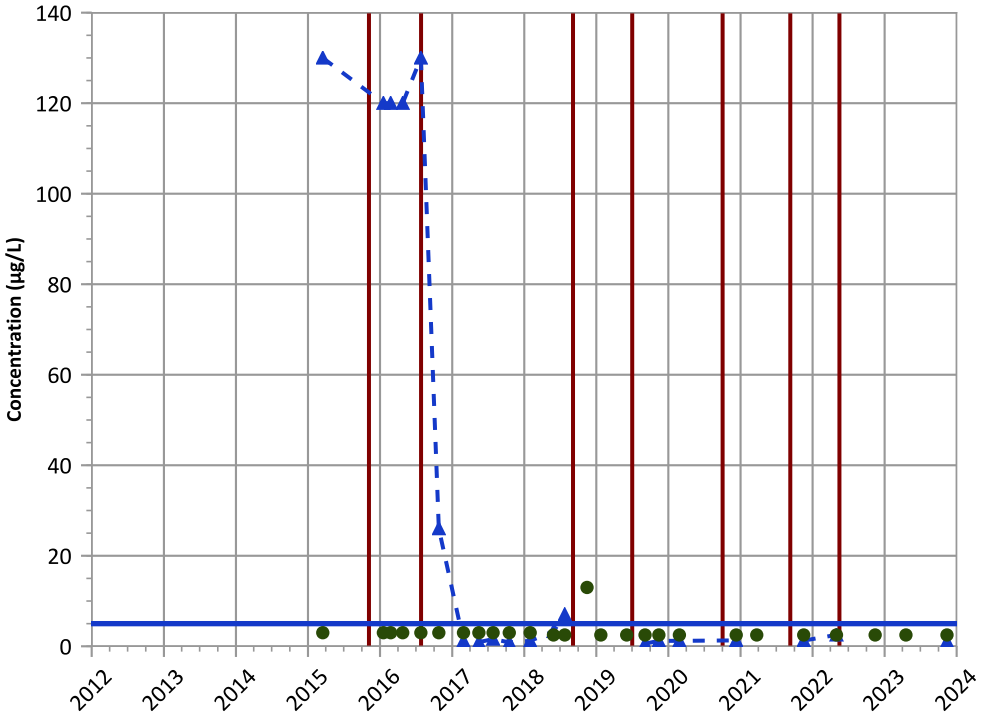
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

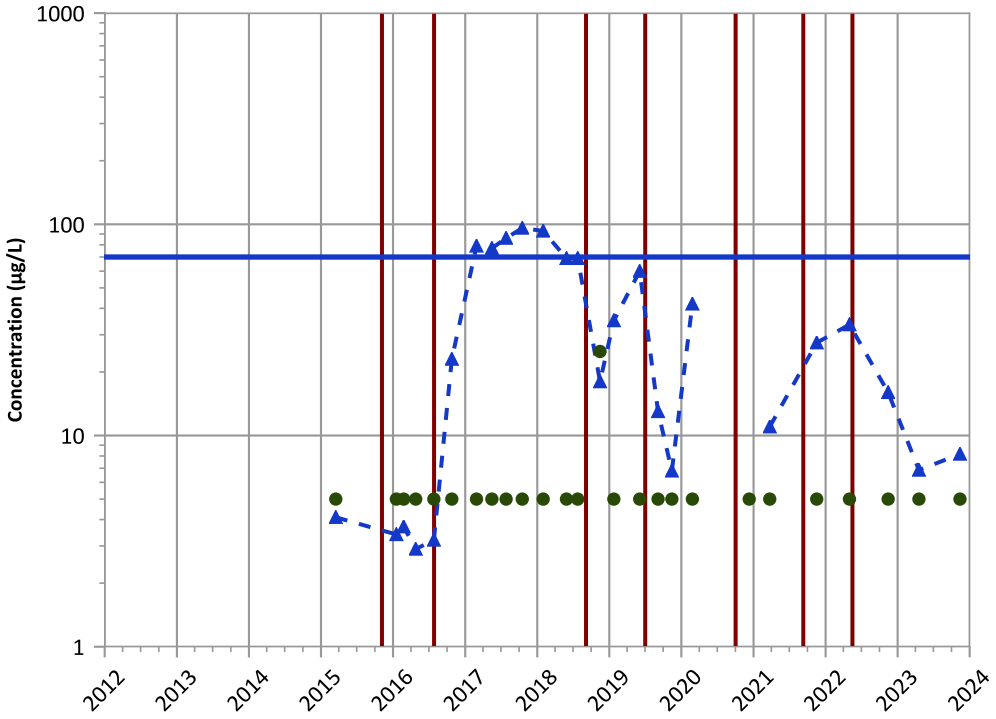


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

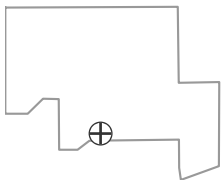
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

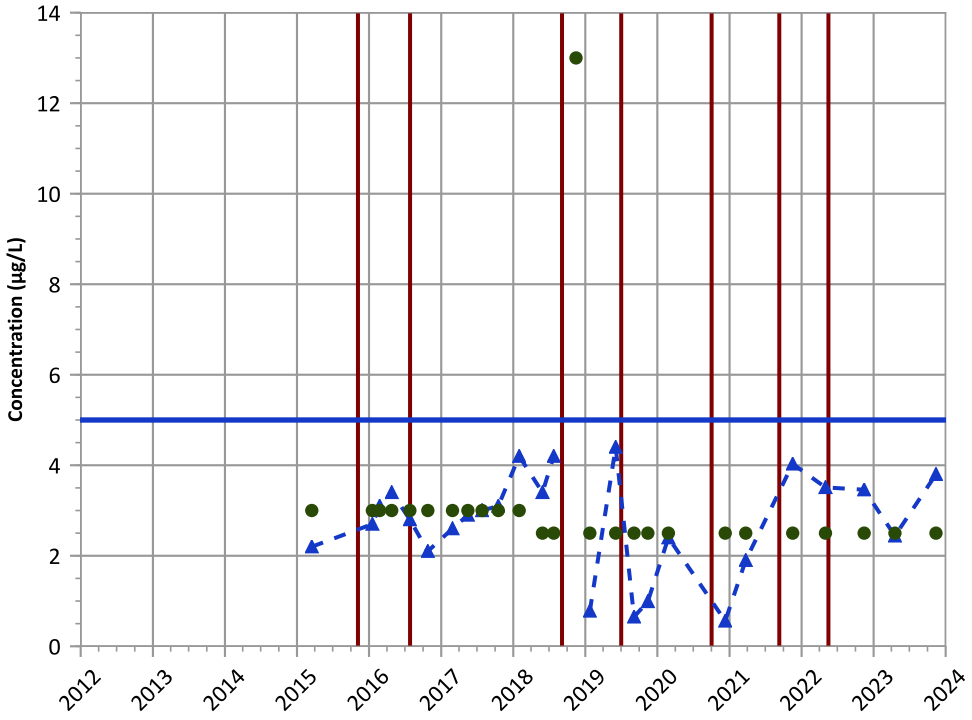
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

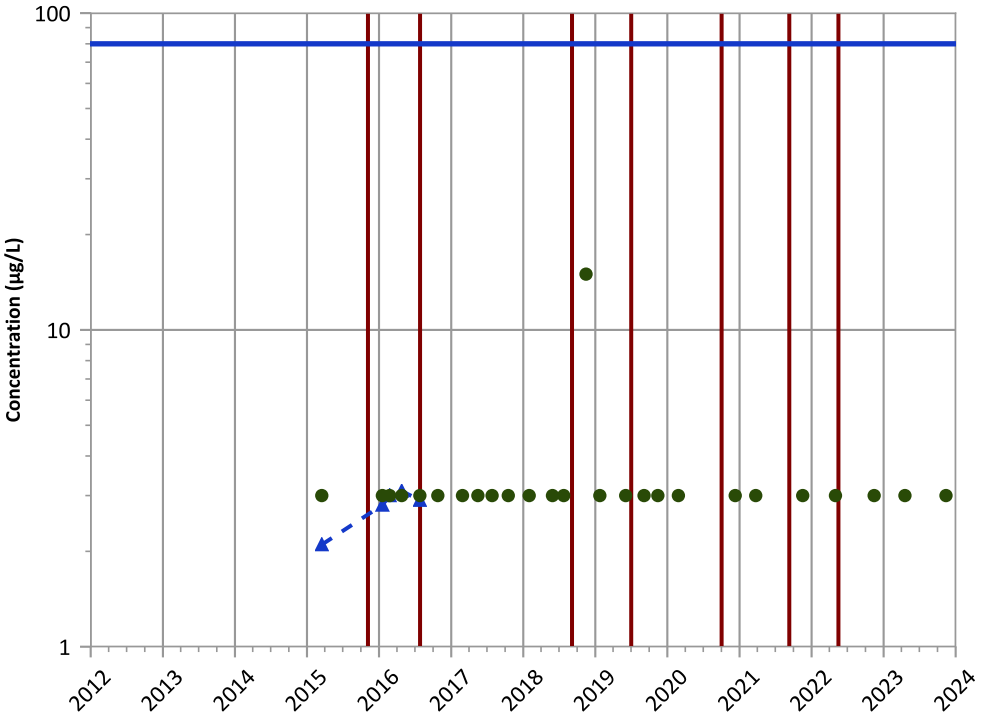


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

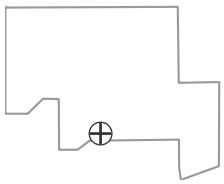
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

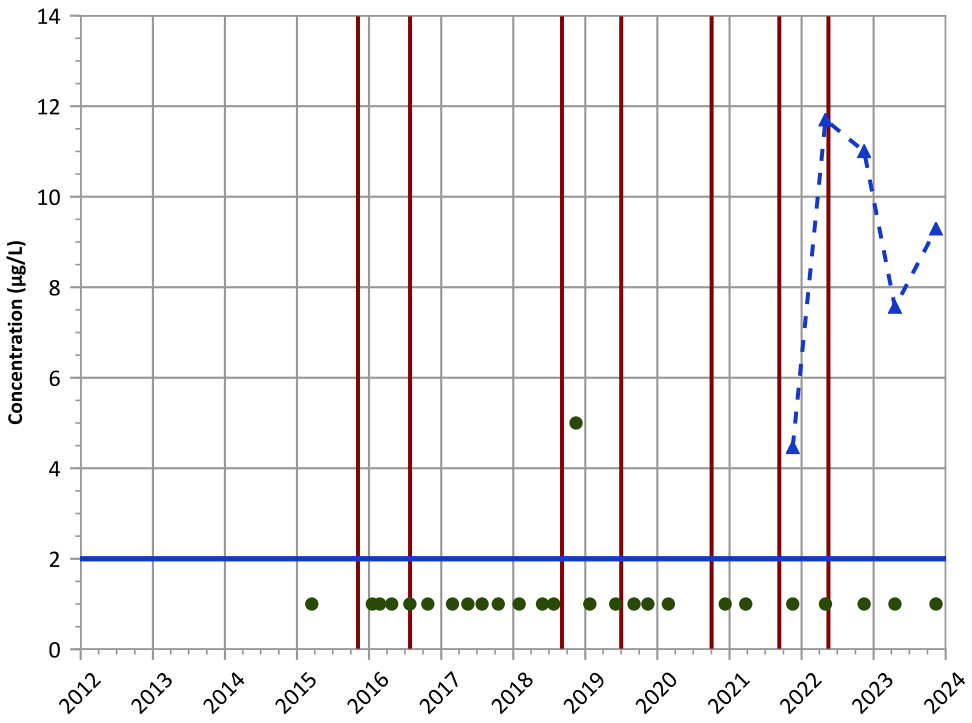
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

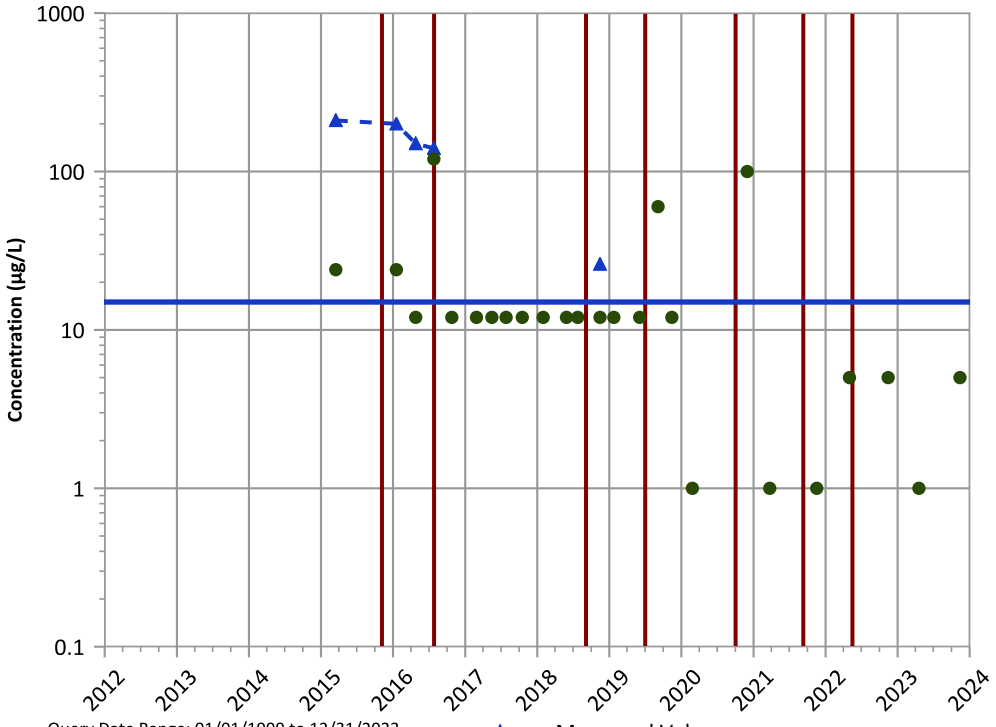


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Perchlorate Trend



Concentration Trend

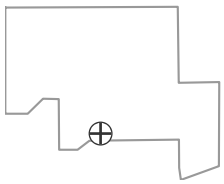
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

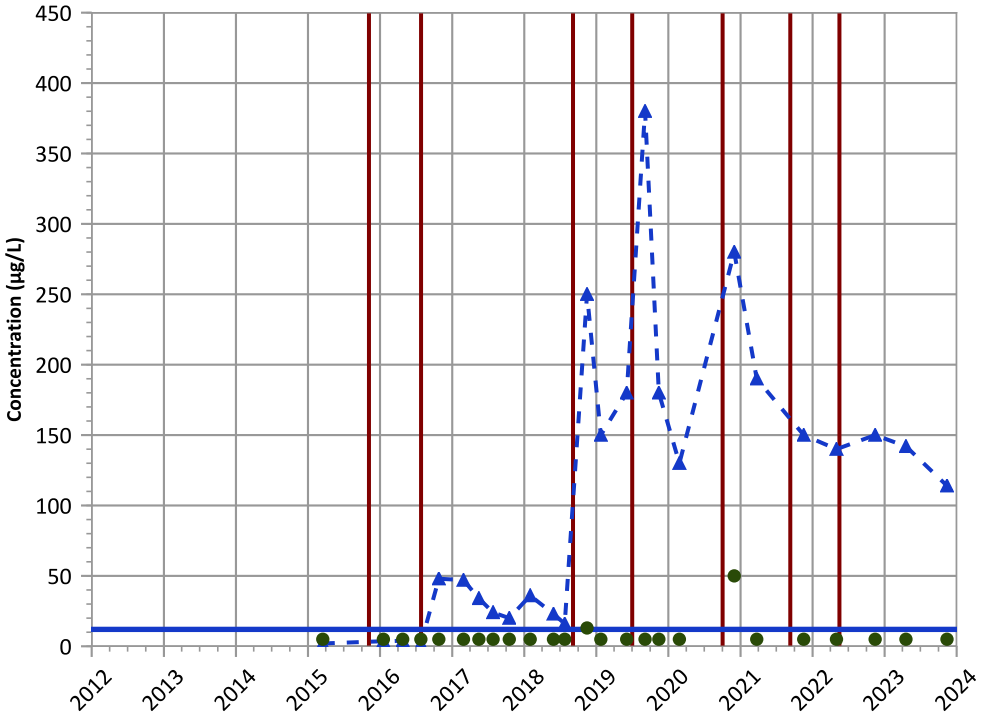
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

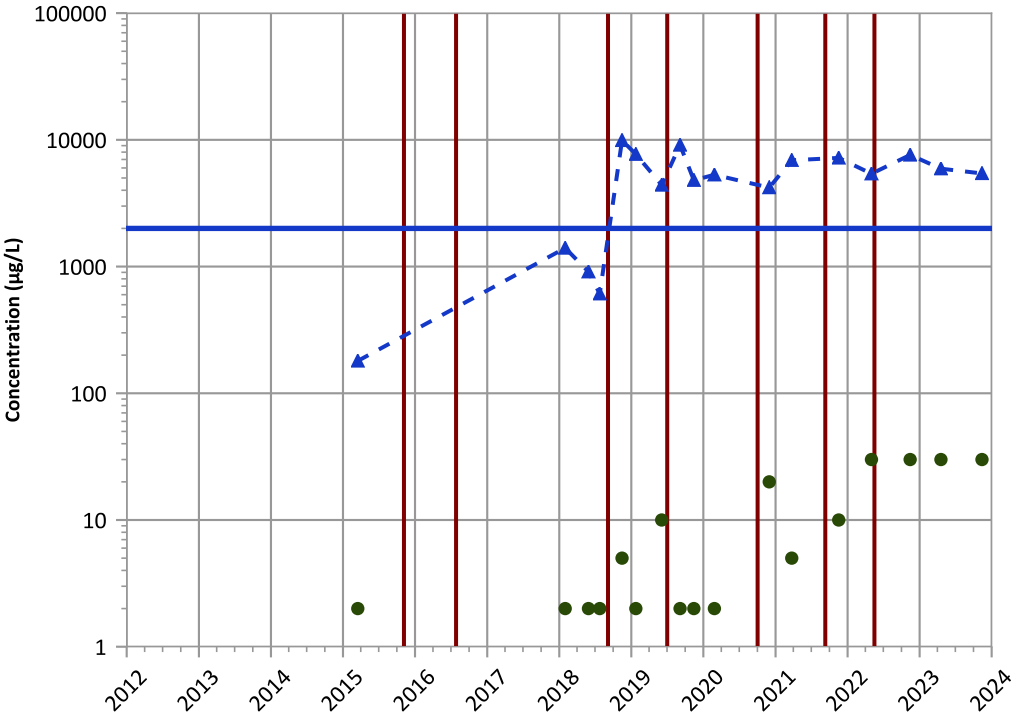
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Stable

Barium Trend



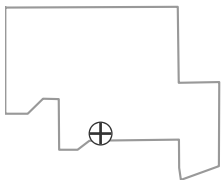
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

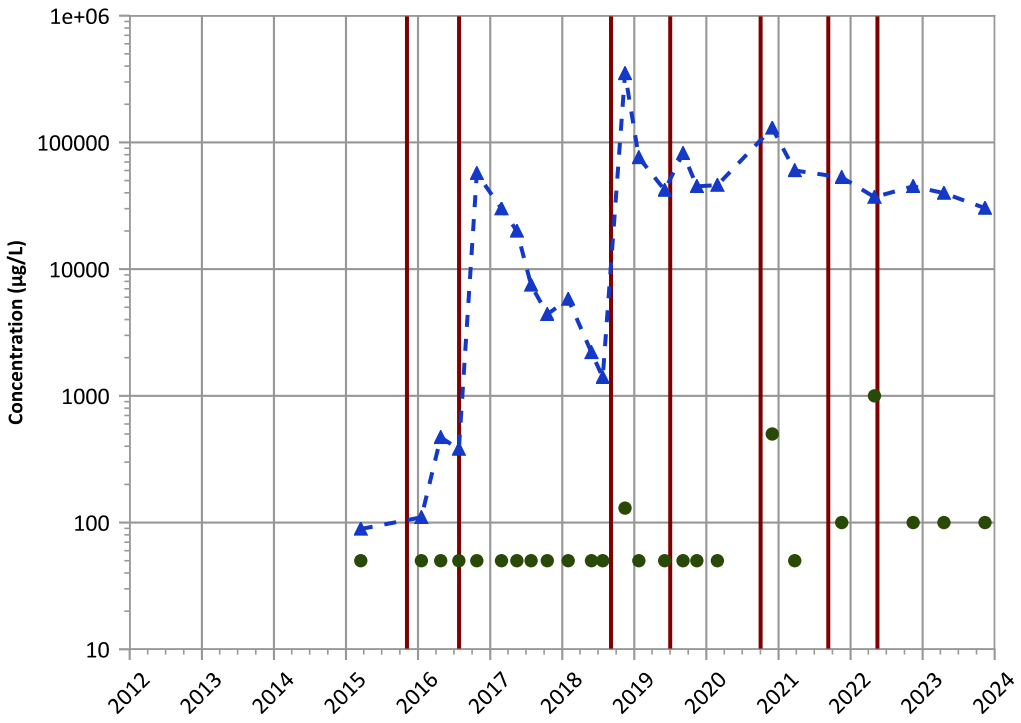
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

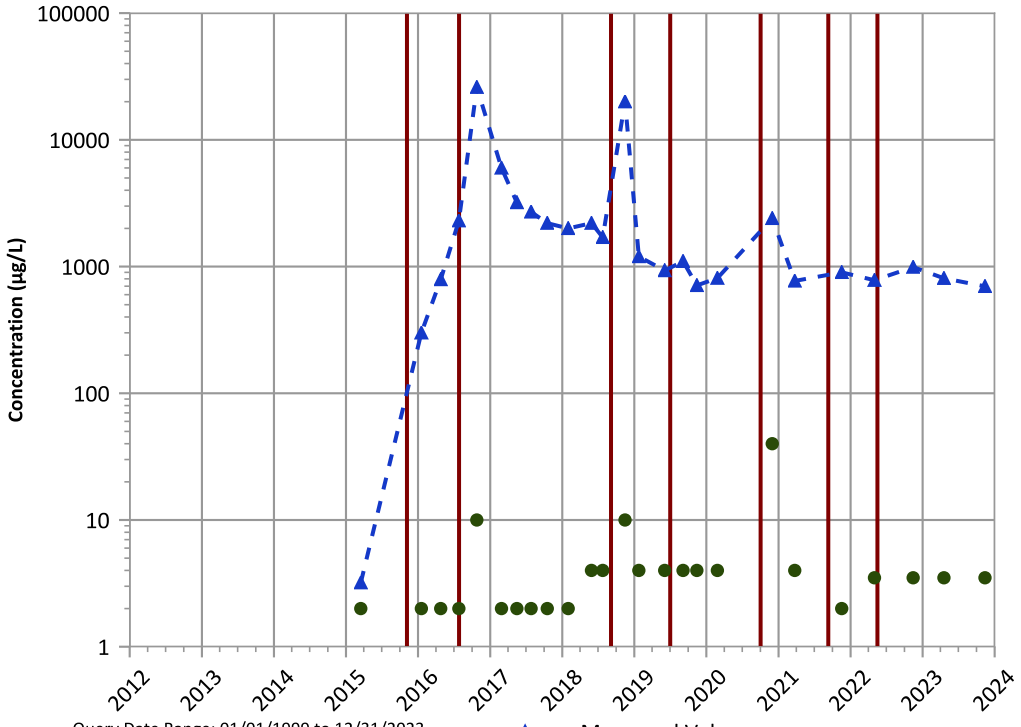


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

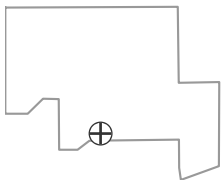
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

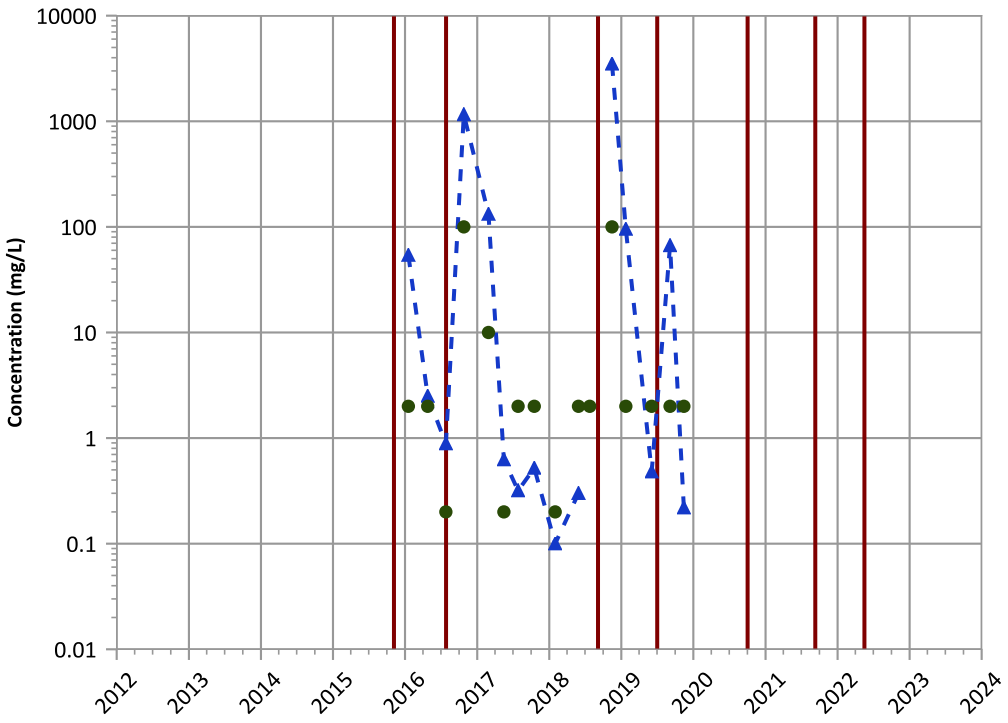
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

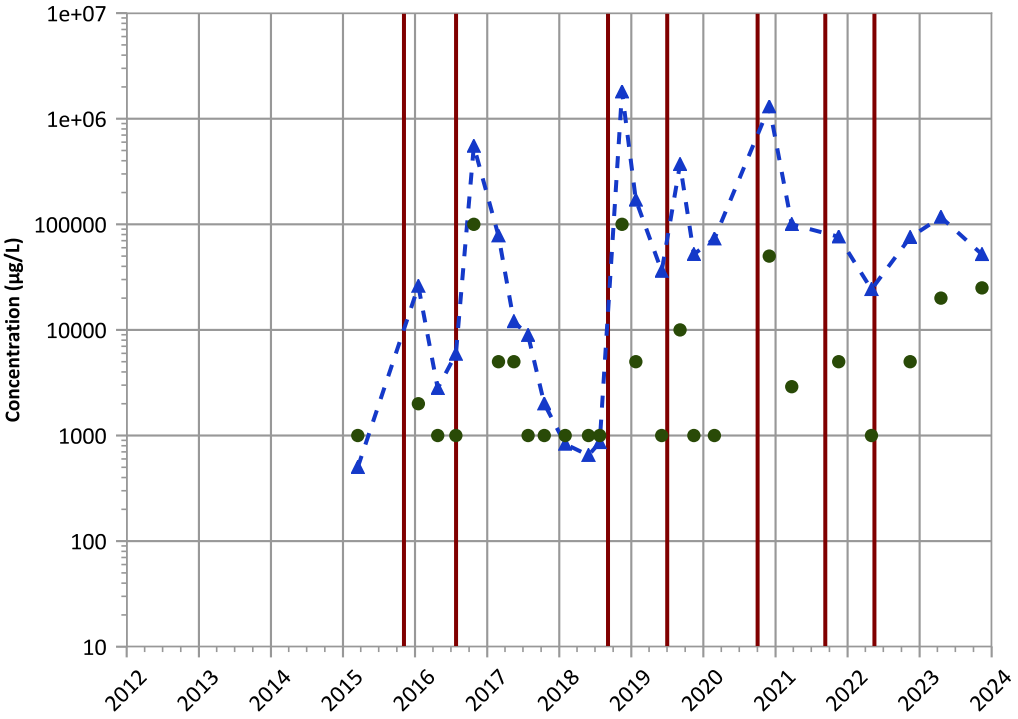


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

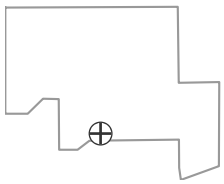
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

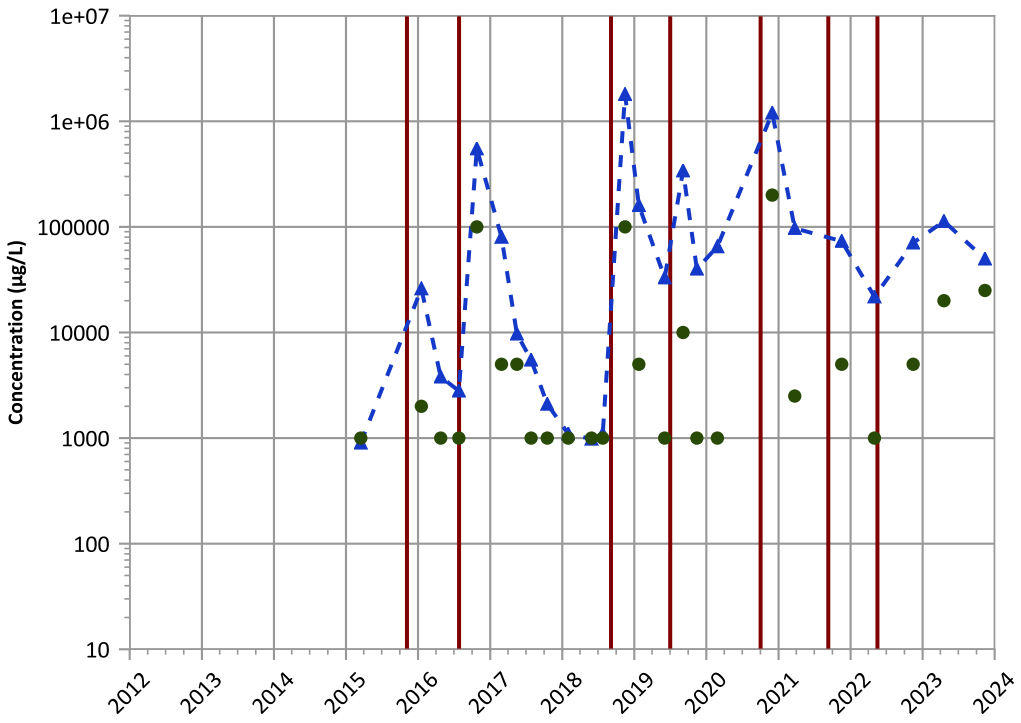
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

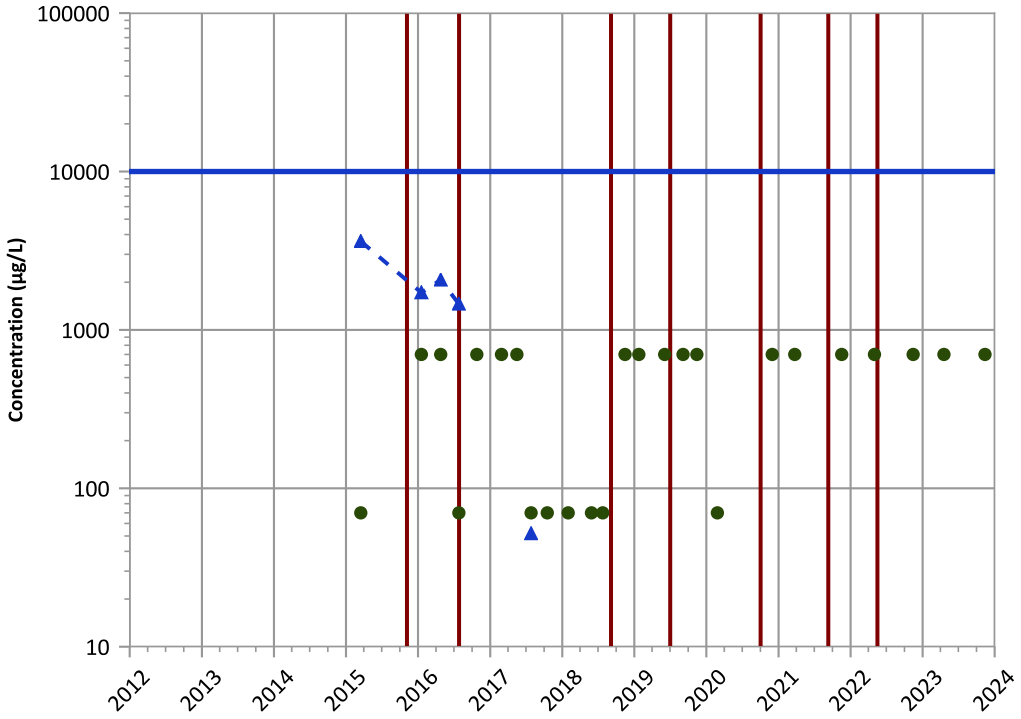


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

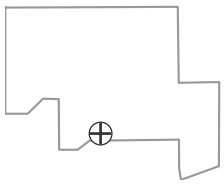
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

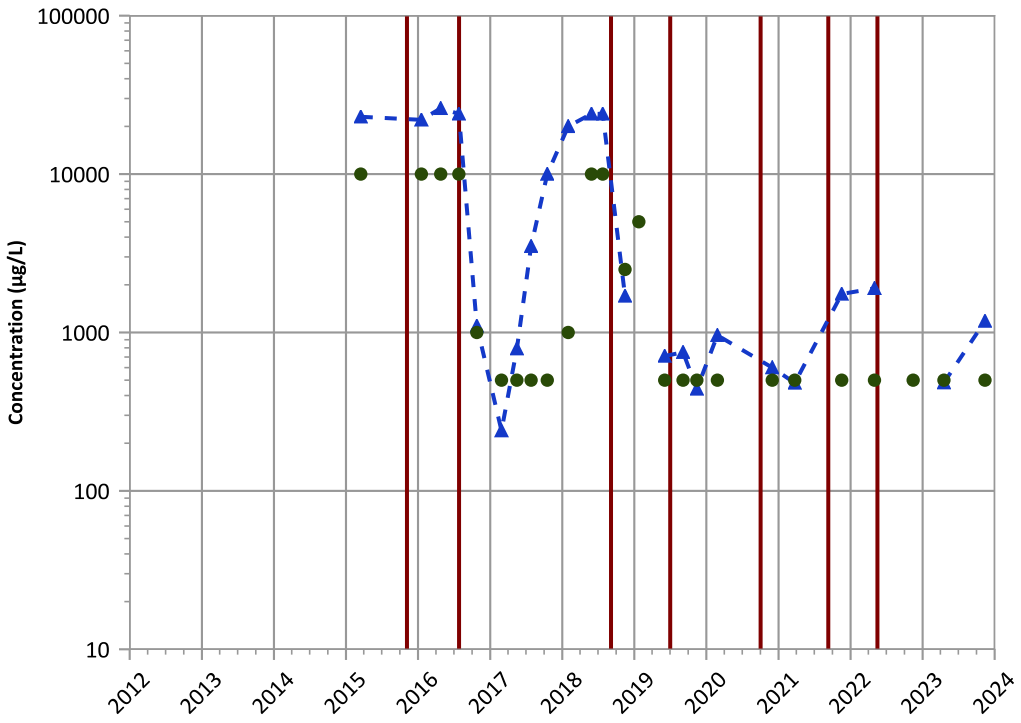
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

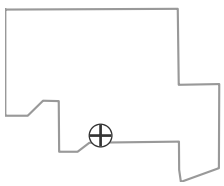
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

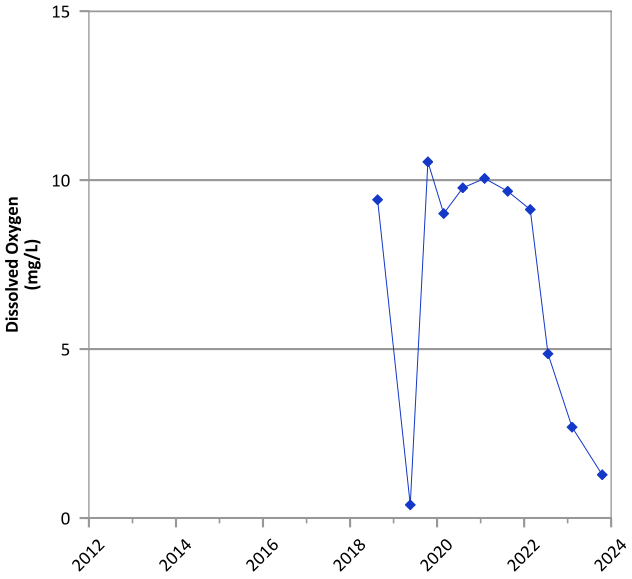
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/17/2015 to 11/13/2023
Analysis Date: 04/01/2024

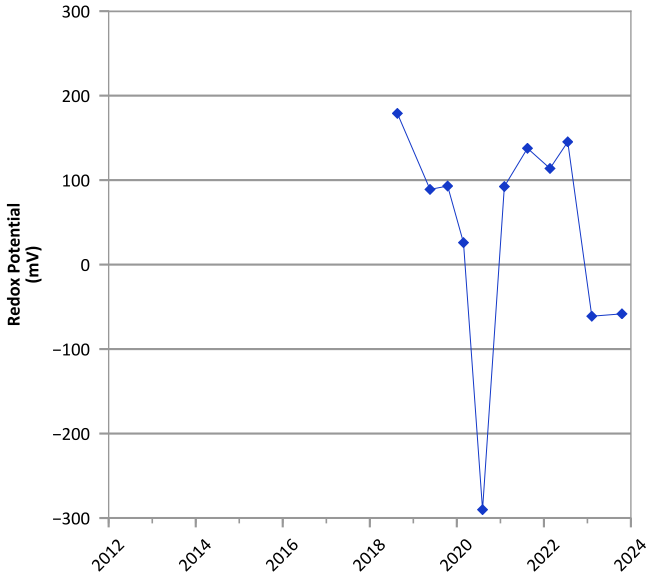
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

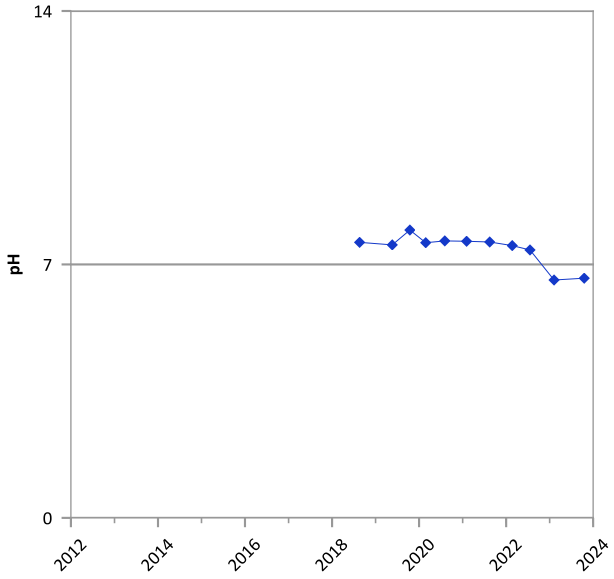
Well Location

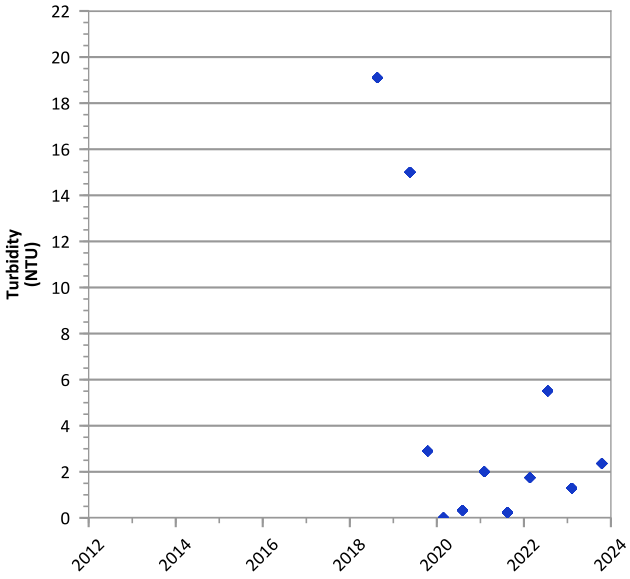


PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

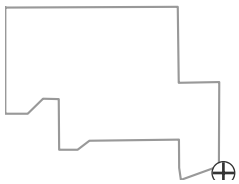






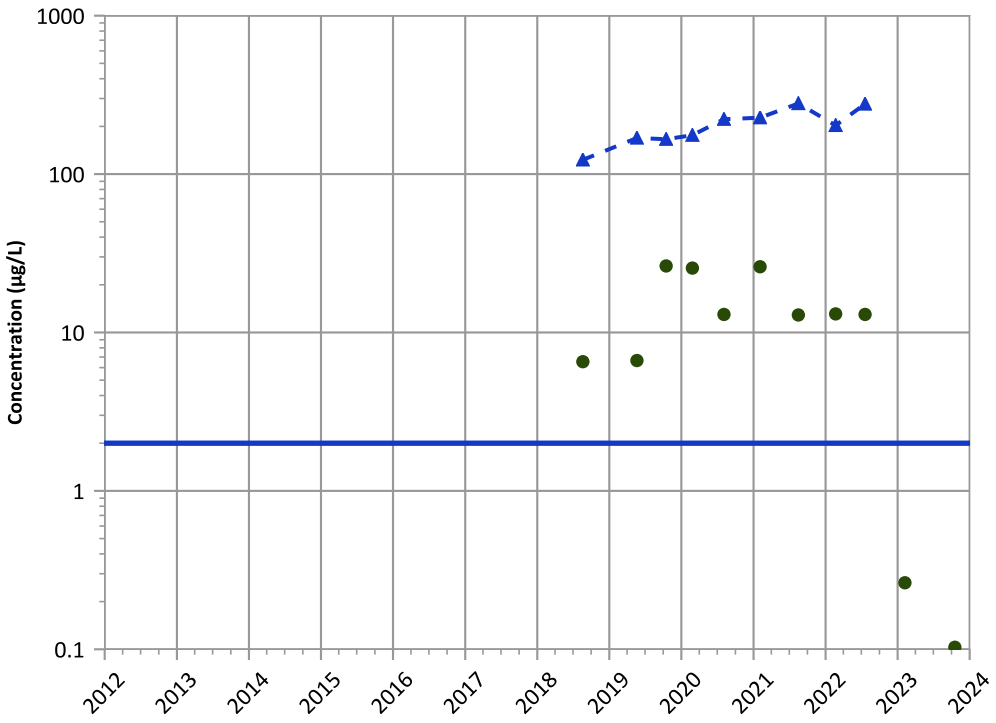


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

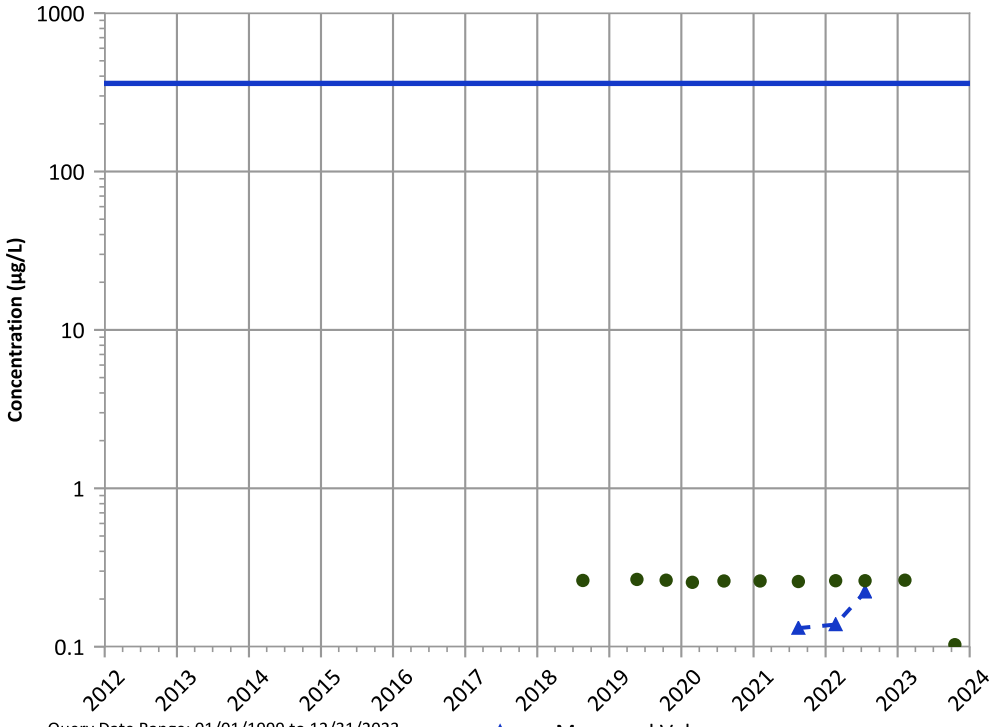


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

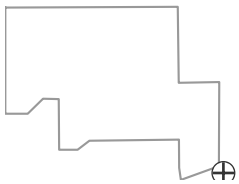
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

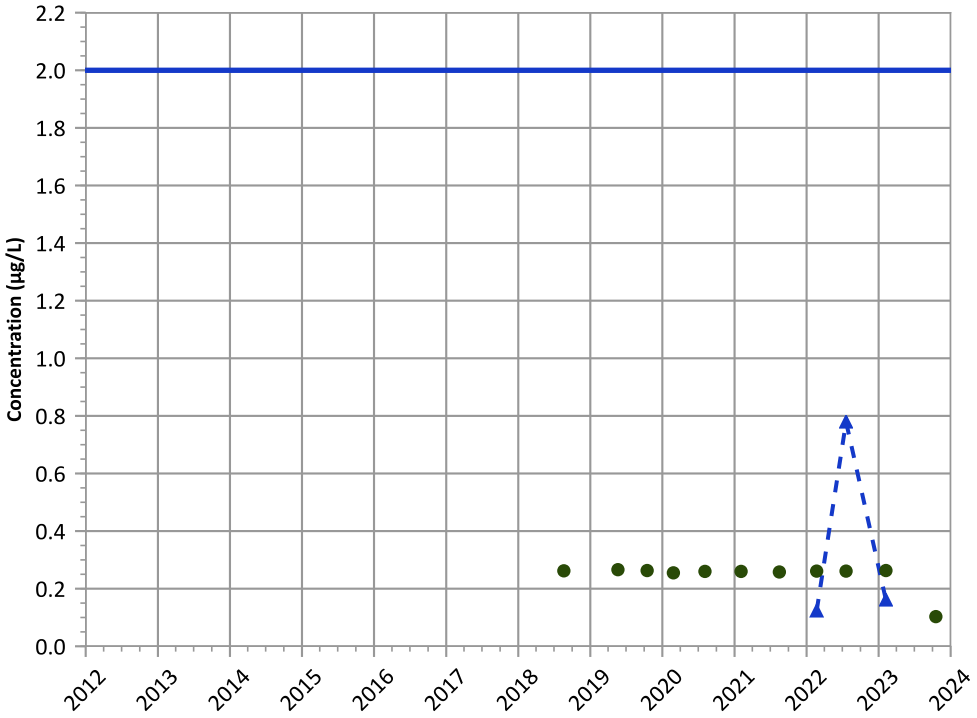
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

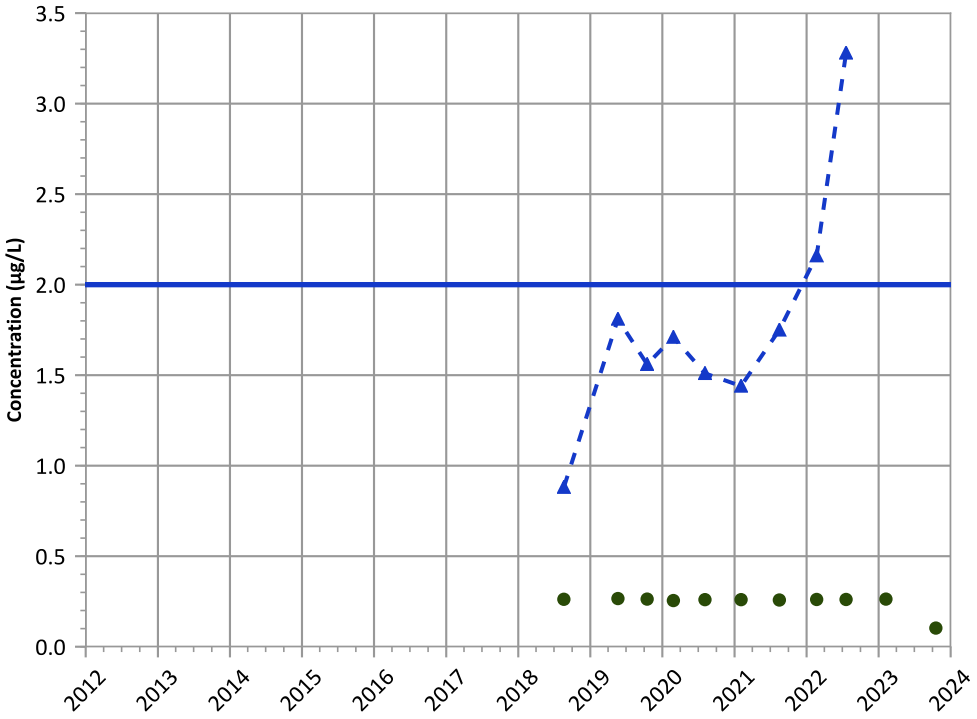


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

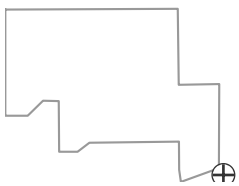
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

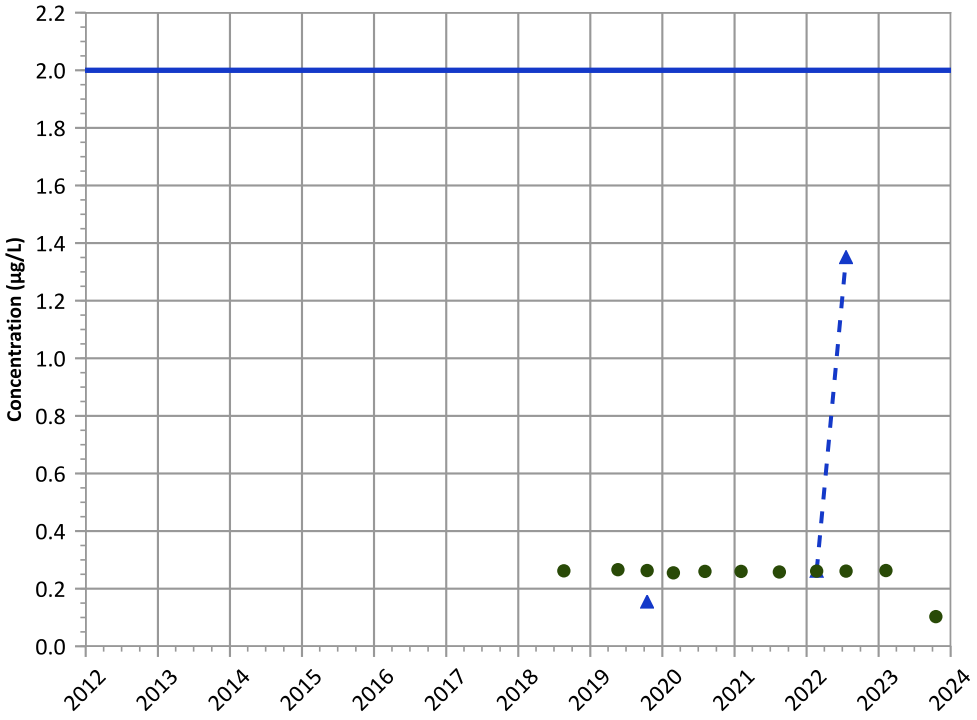
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

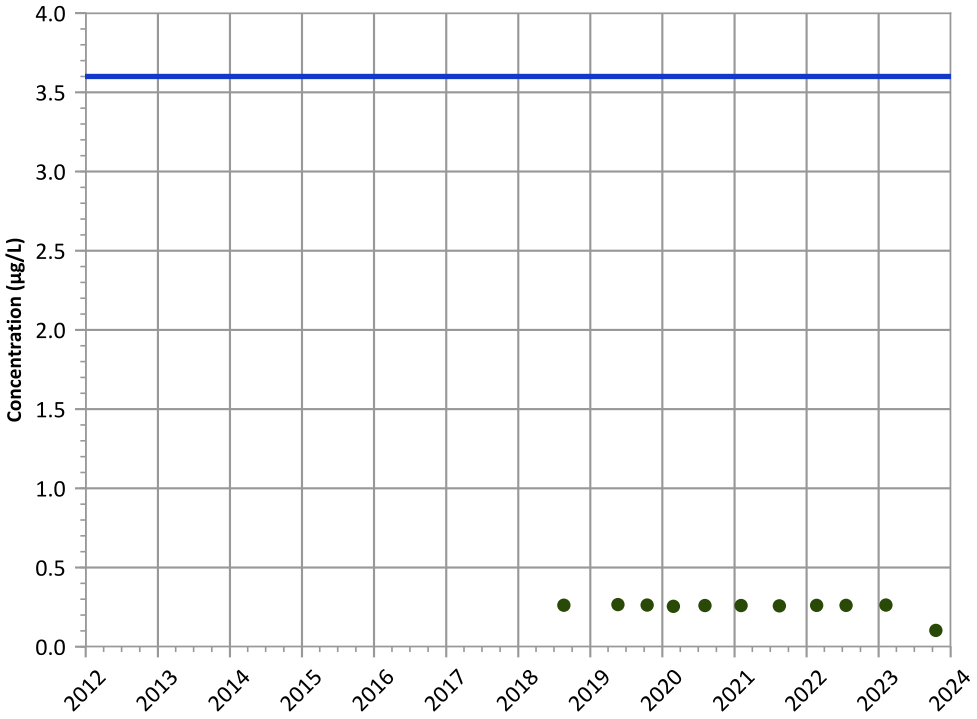


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

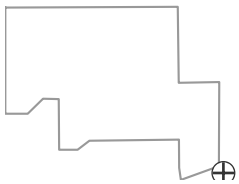
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

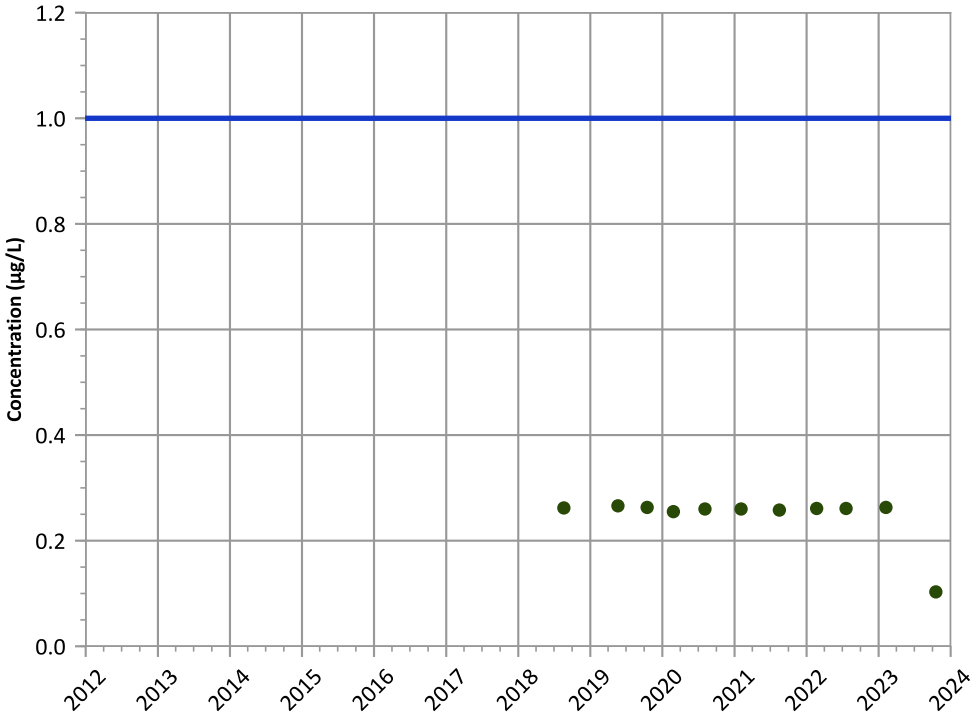
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

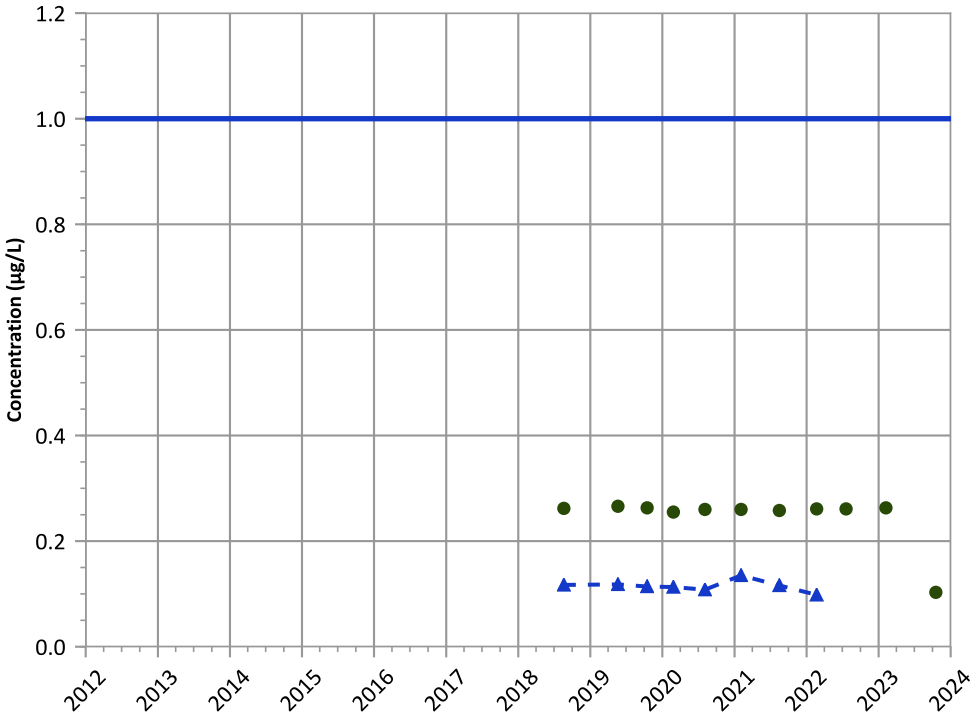


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend



Concentration Trend

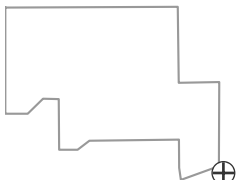
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

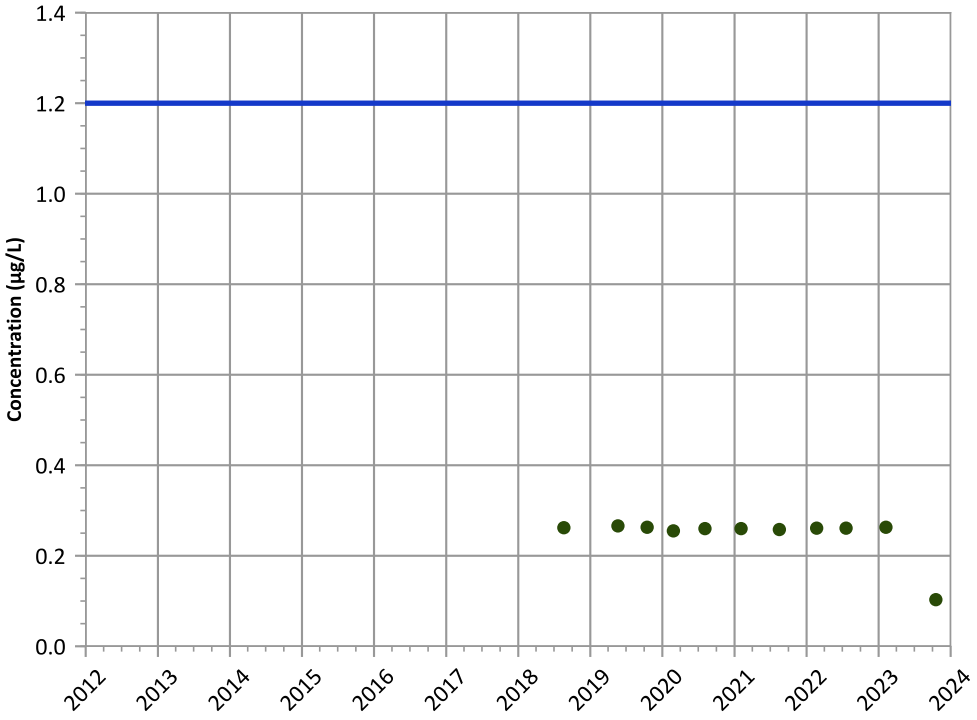
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

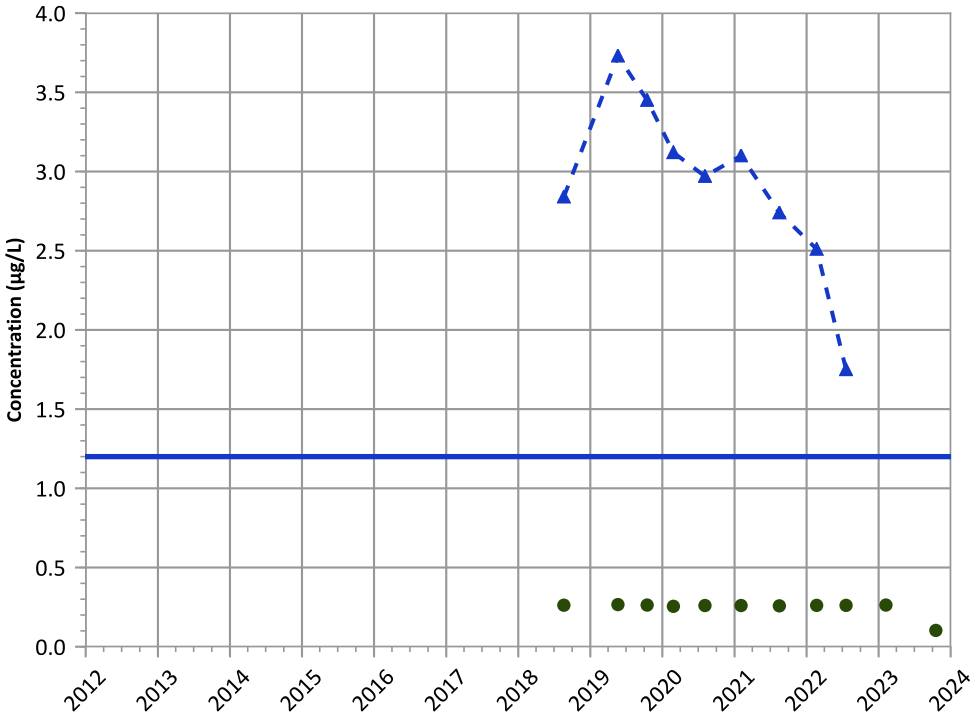


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

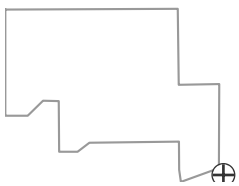
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

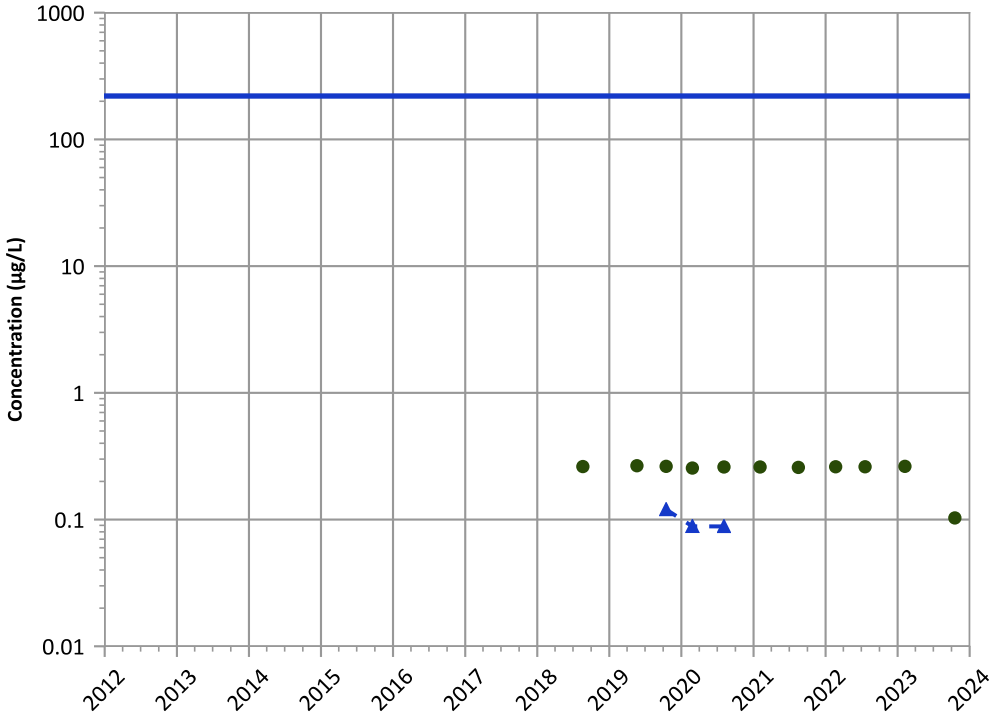
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

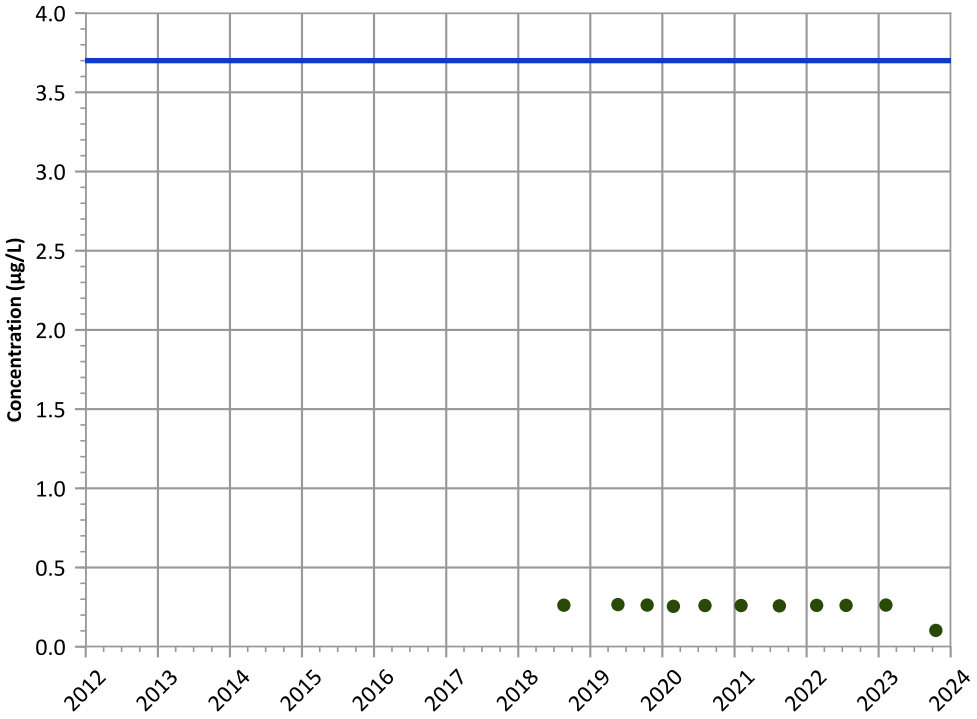


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3-Dinitrobenzene Trend



Concentration Trend

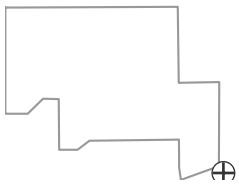
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

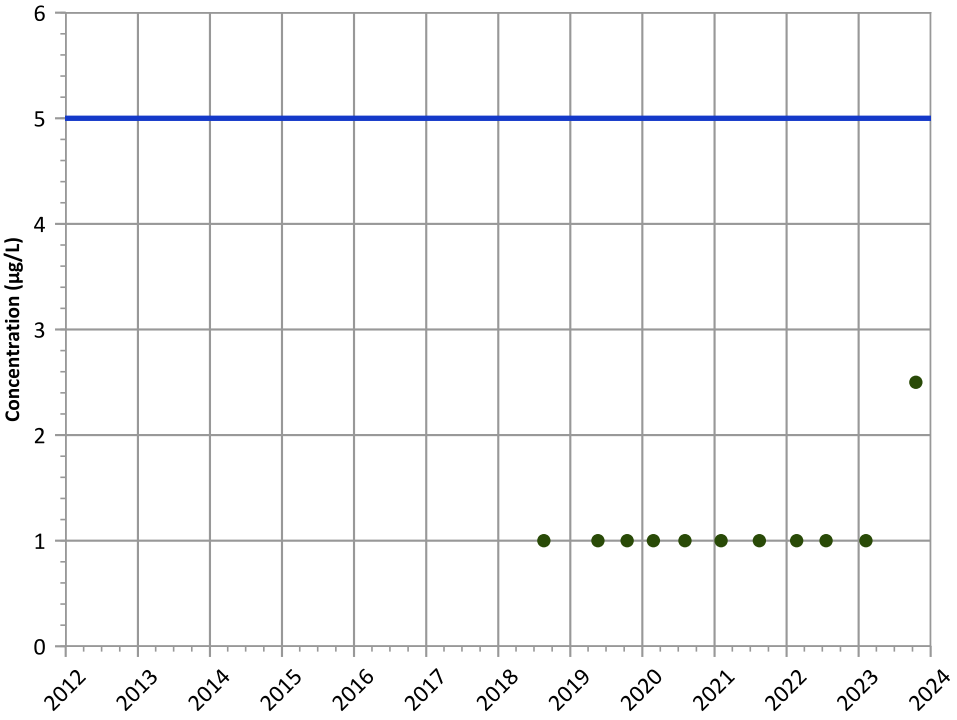
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

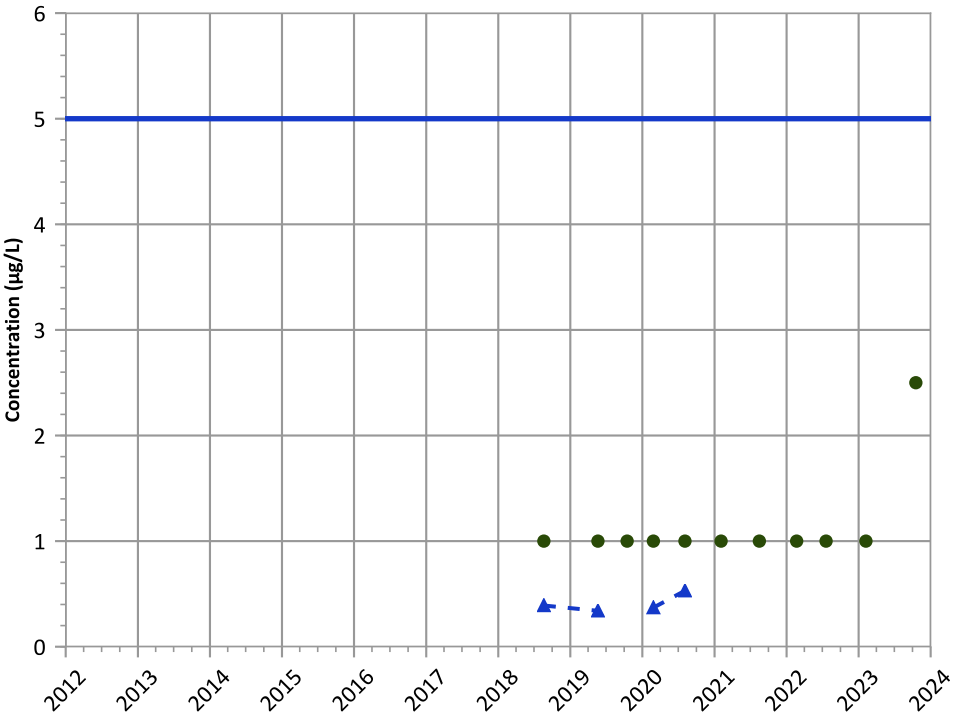


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

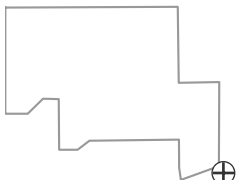
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

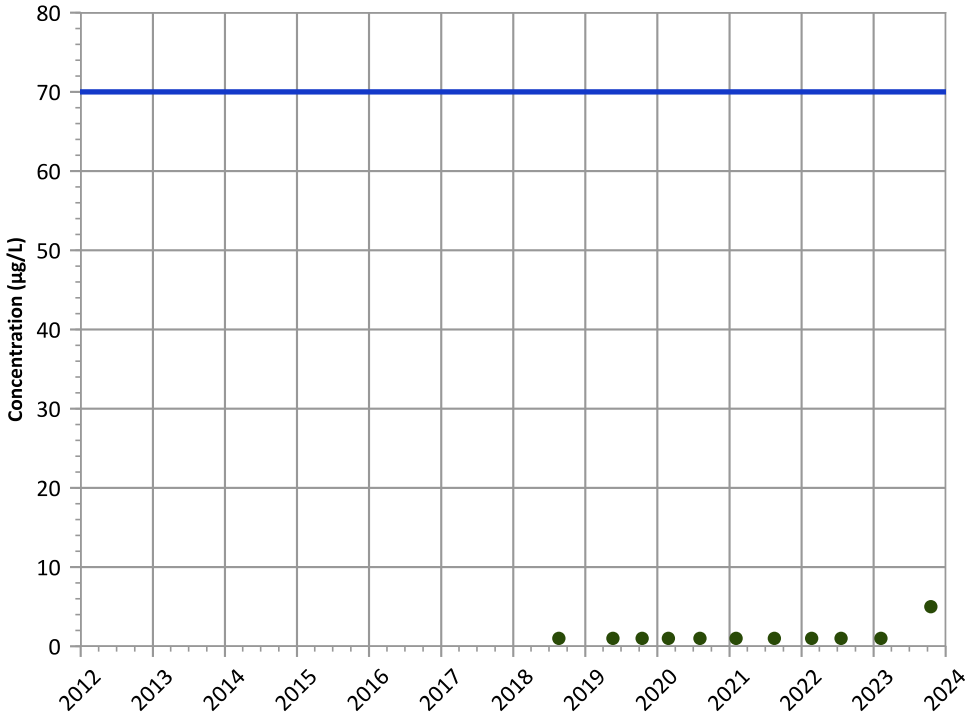
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

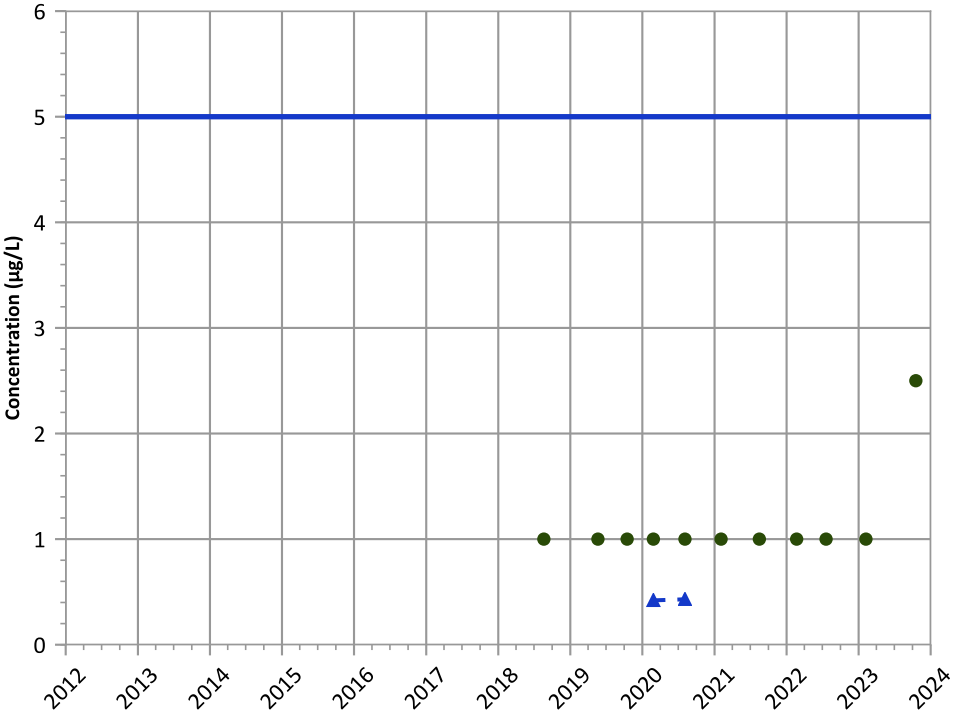


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

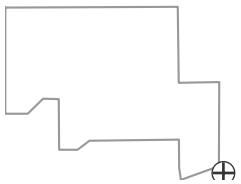
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

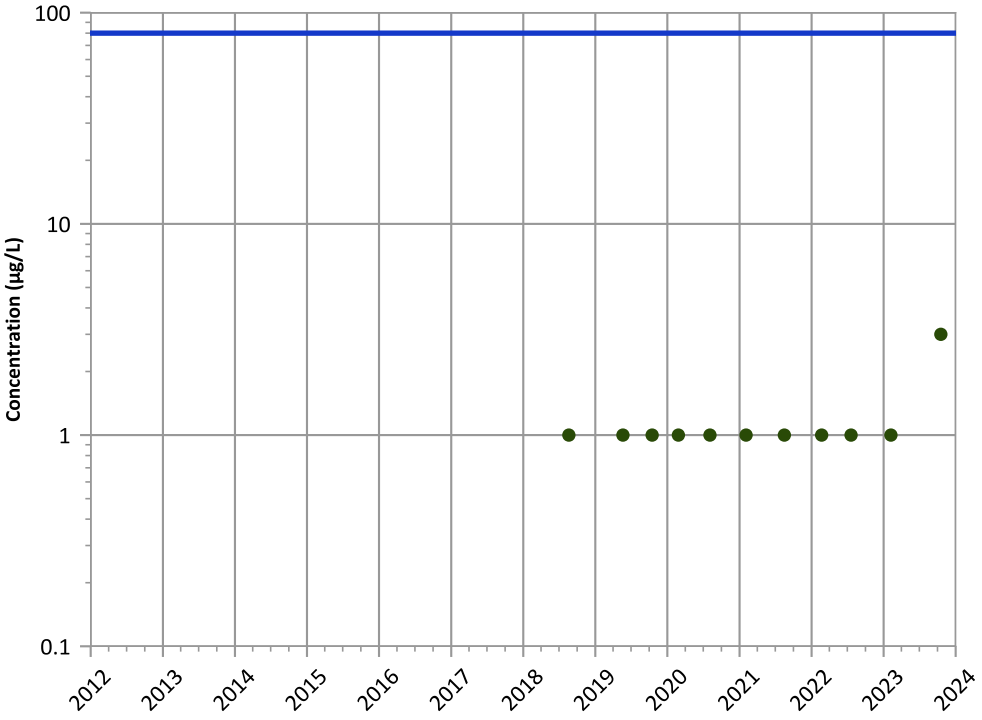
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

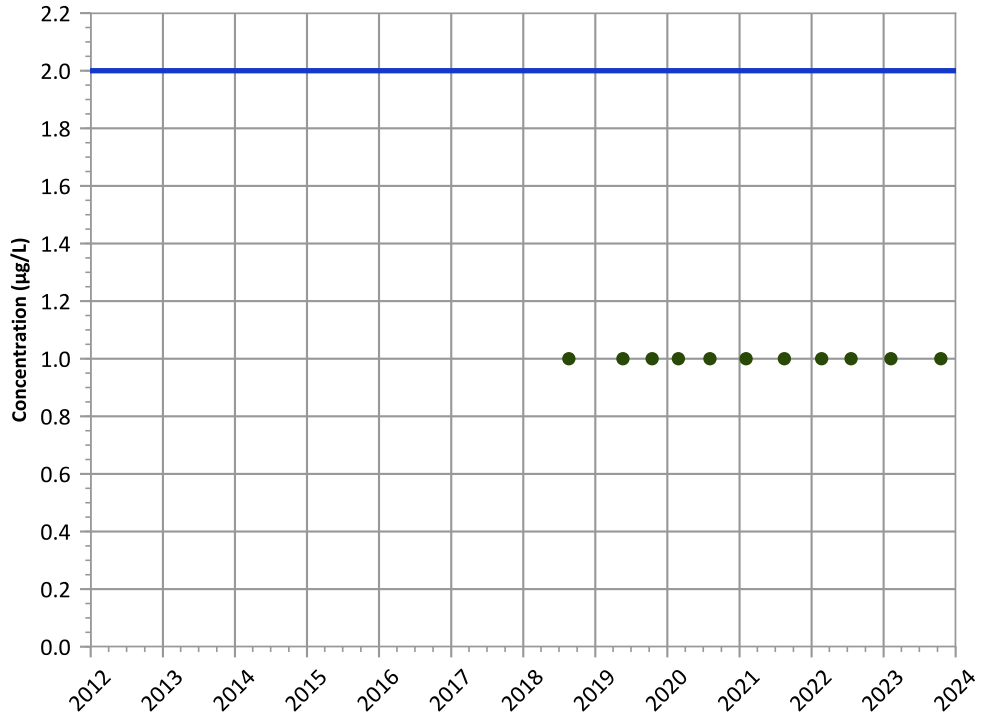


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

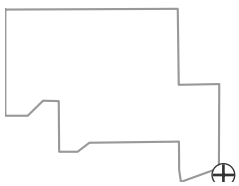
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

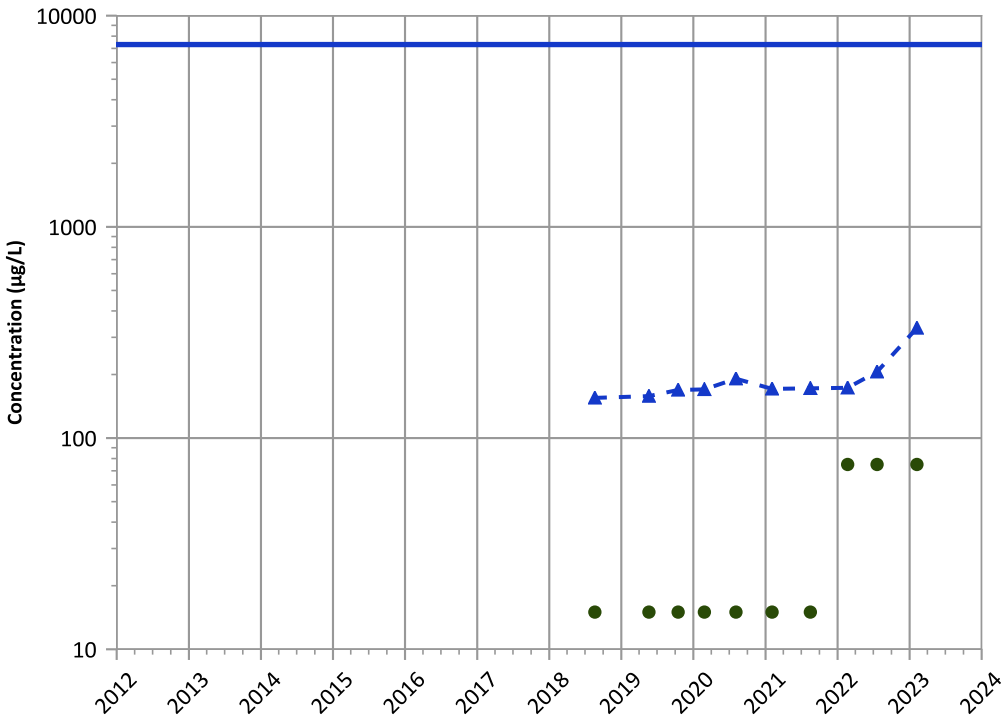
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

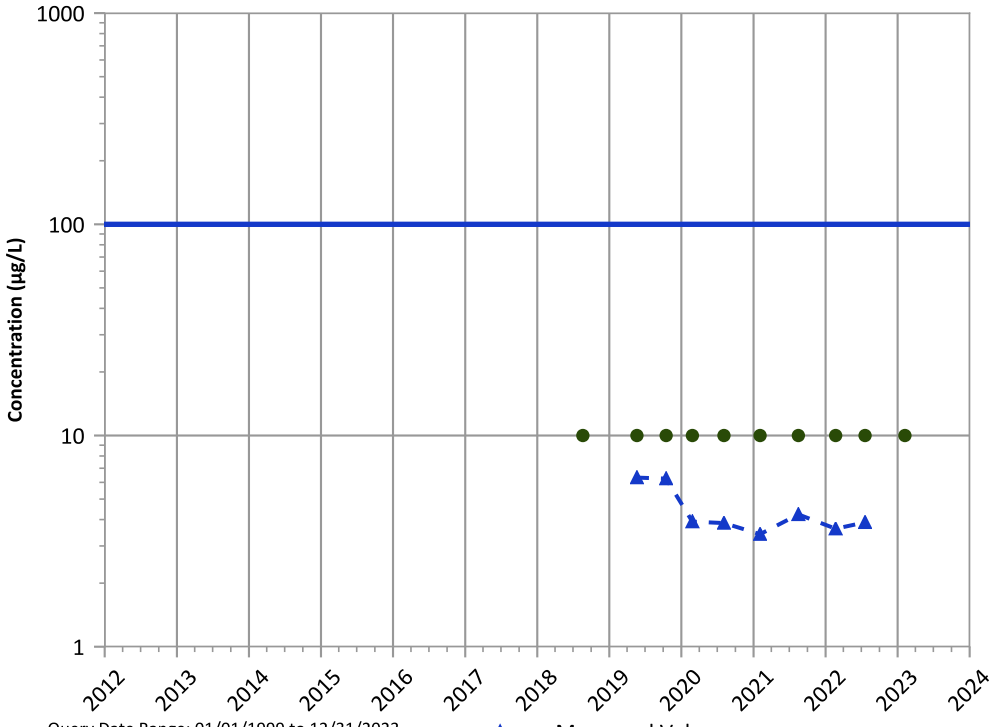


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

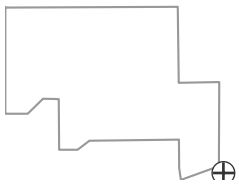
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

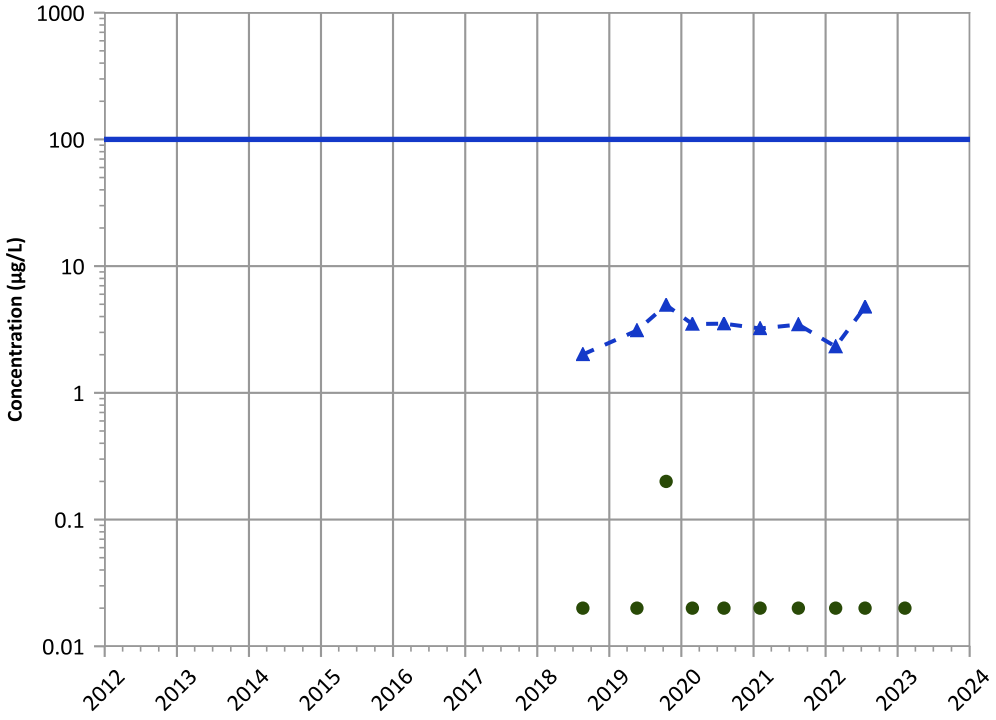
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

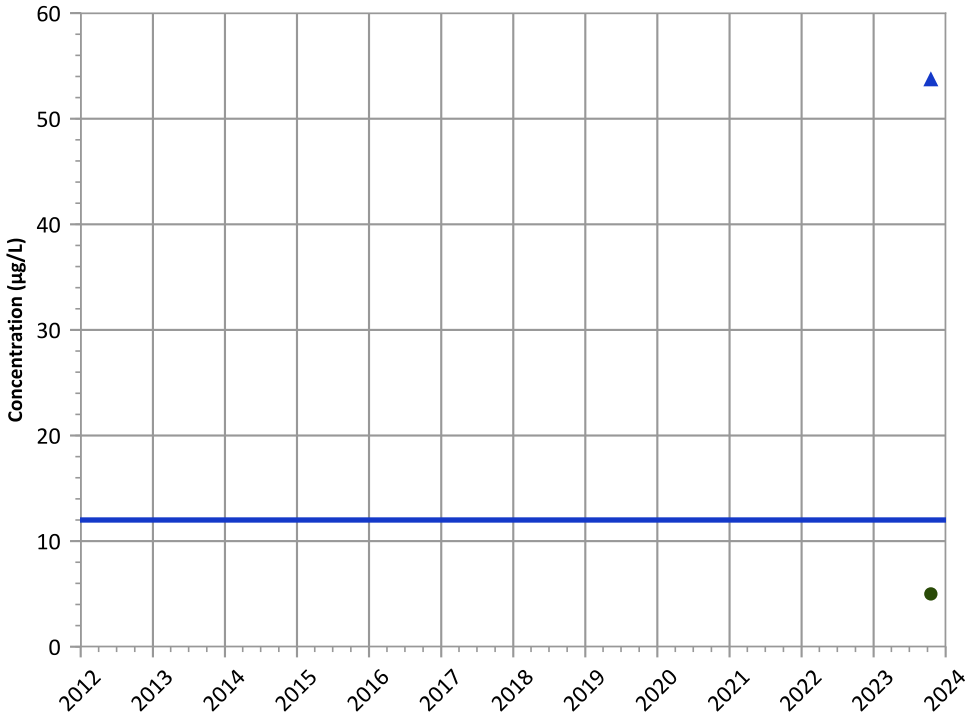


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Arsenic Trend



Concentration Trend

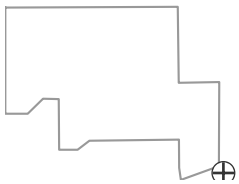
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

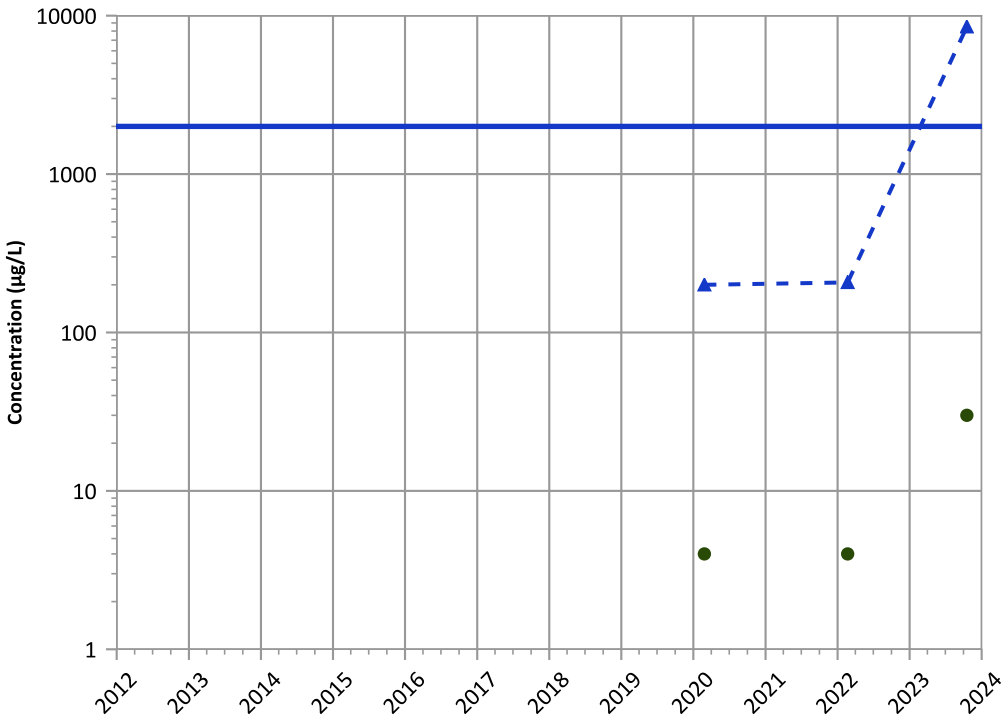
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

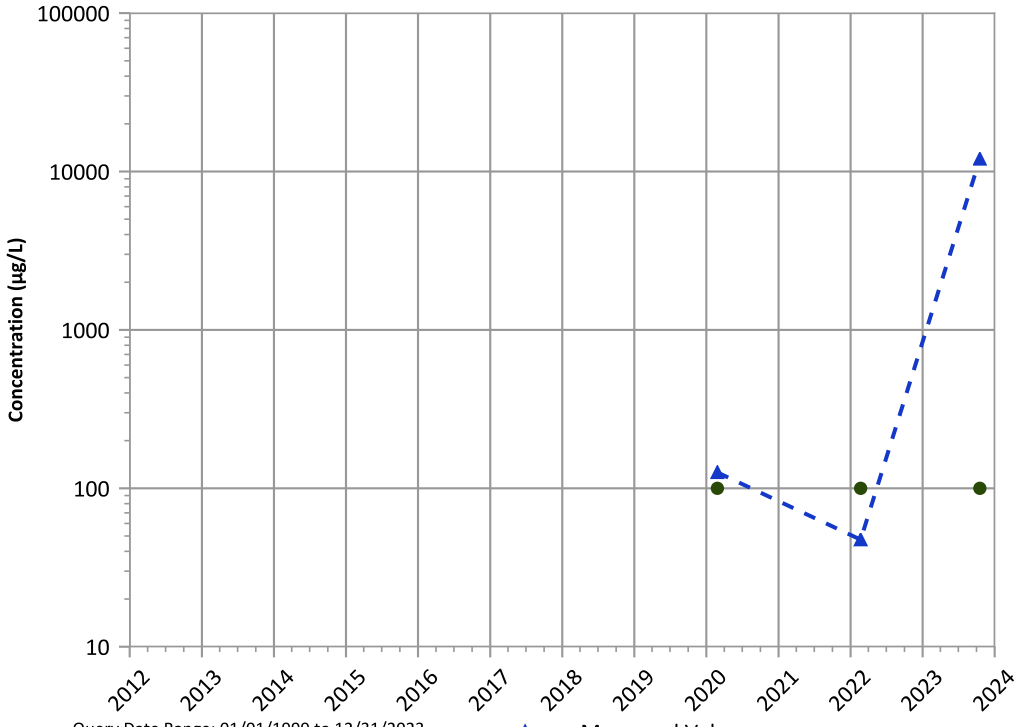


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

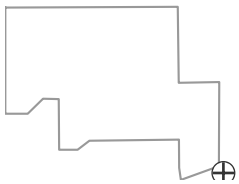
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

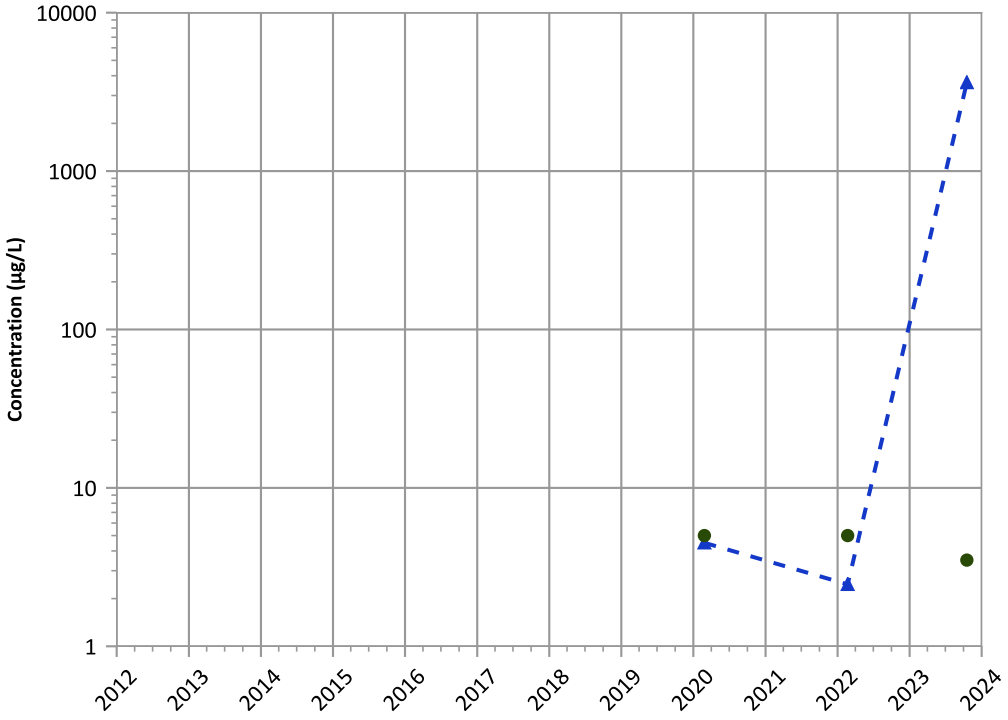
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

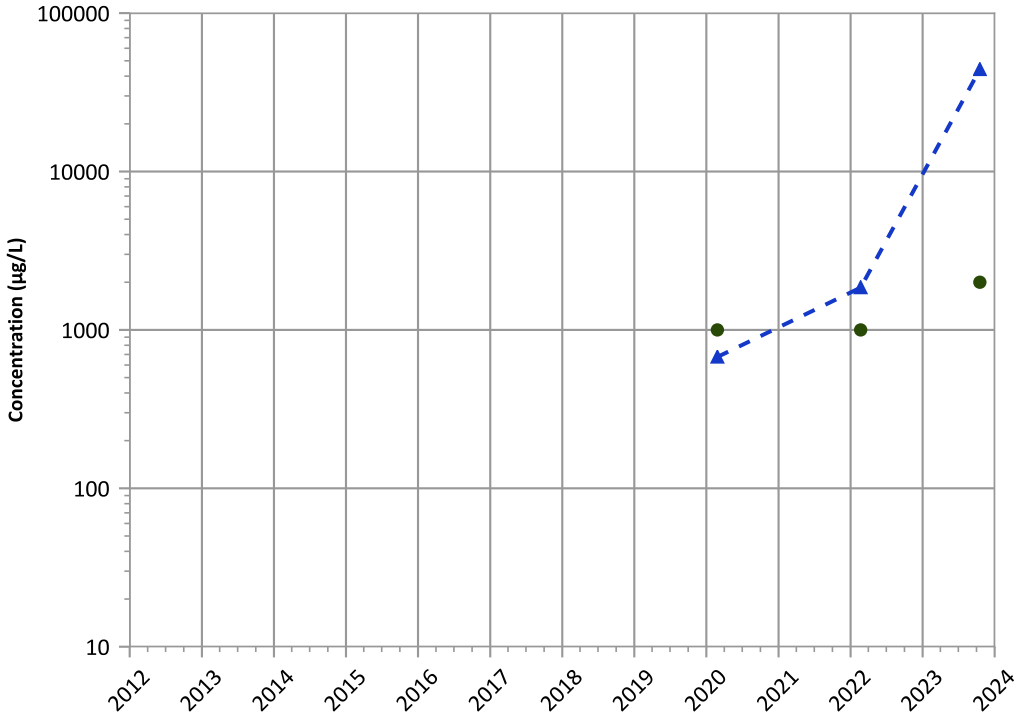


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

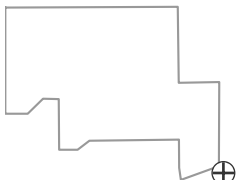
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

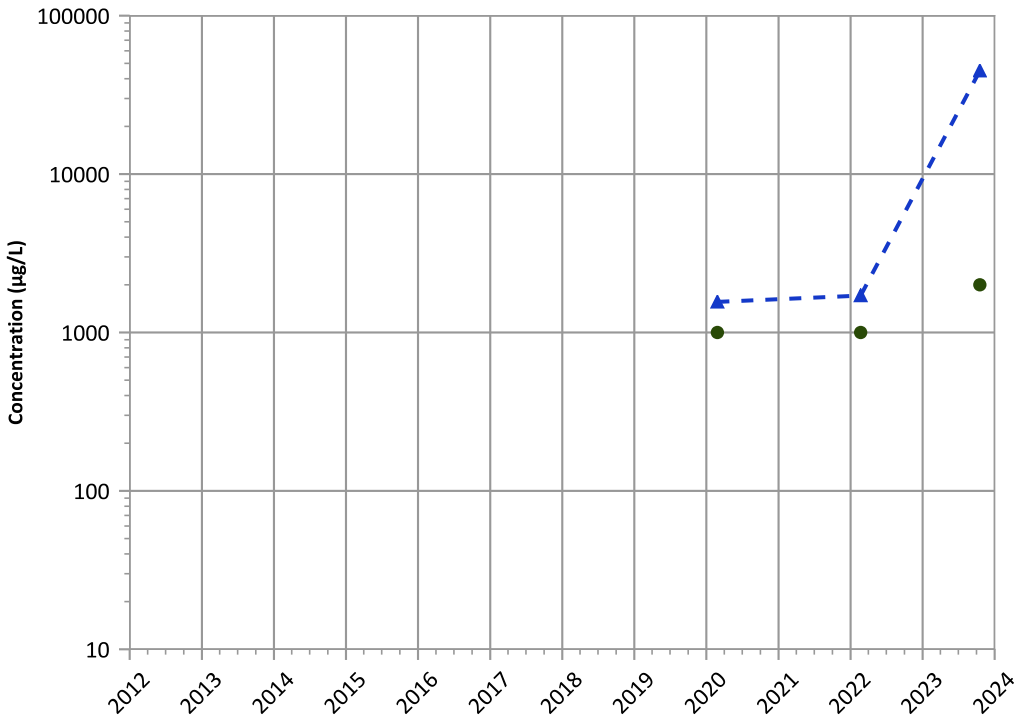
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

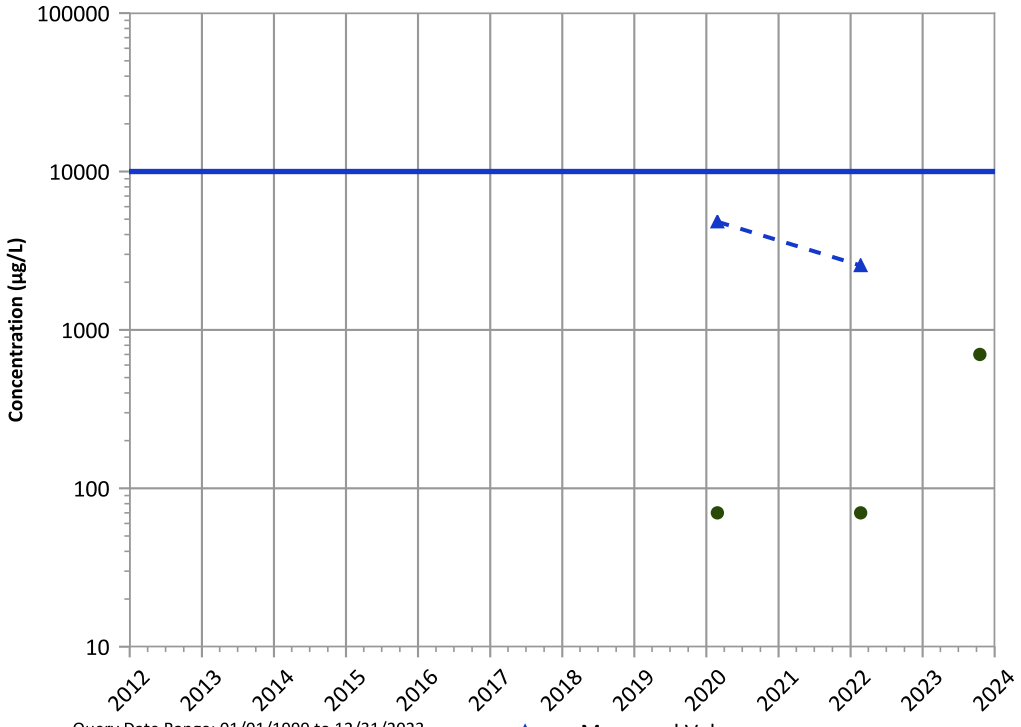


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

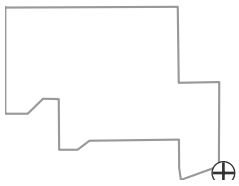
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

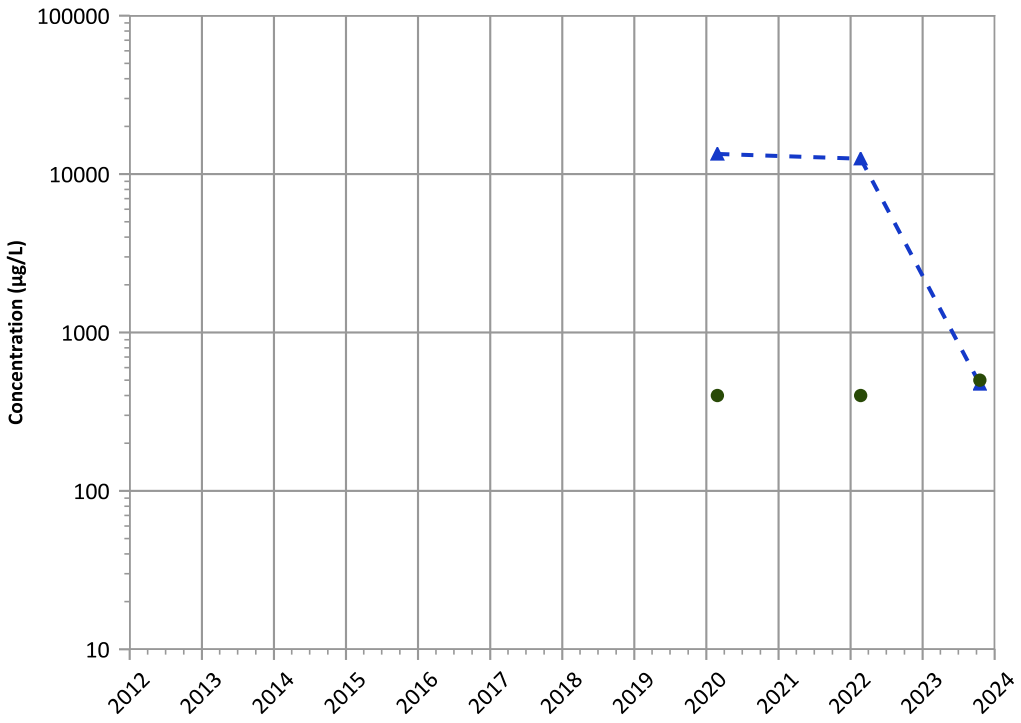
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

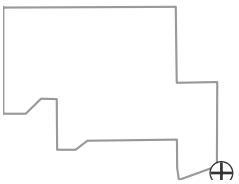
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

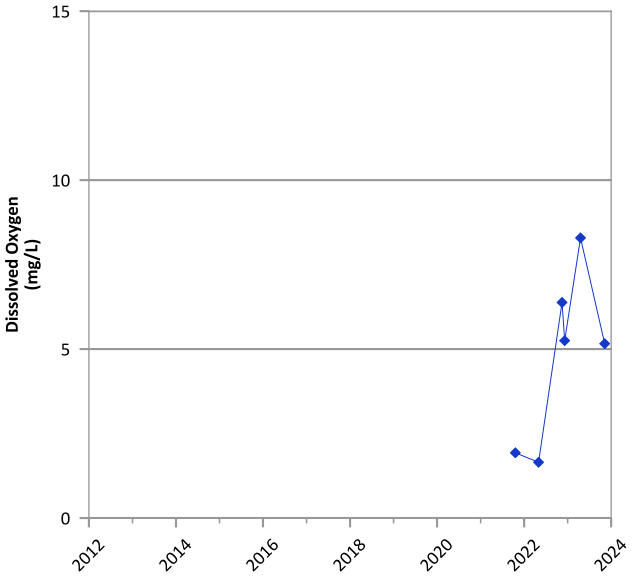
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/20/2018 to 10/18/2023
Analysis Date: 04/01/2024

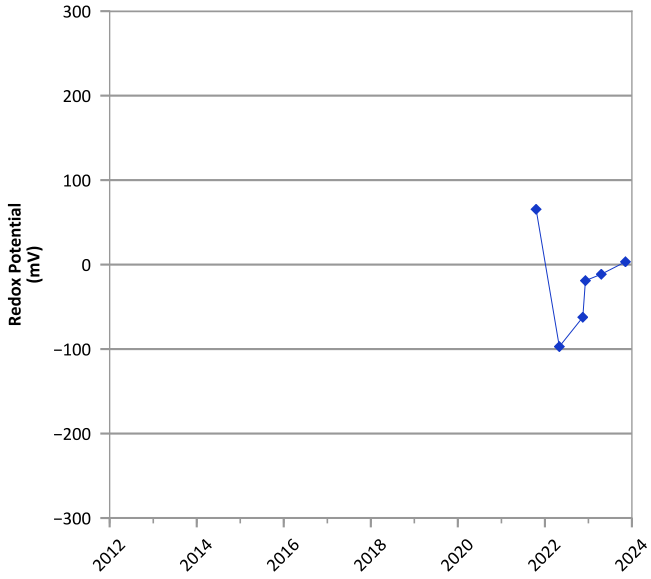
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

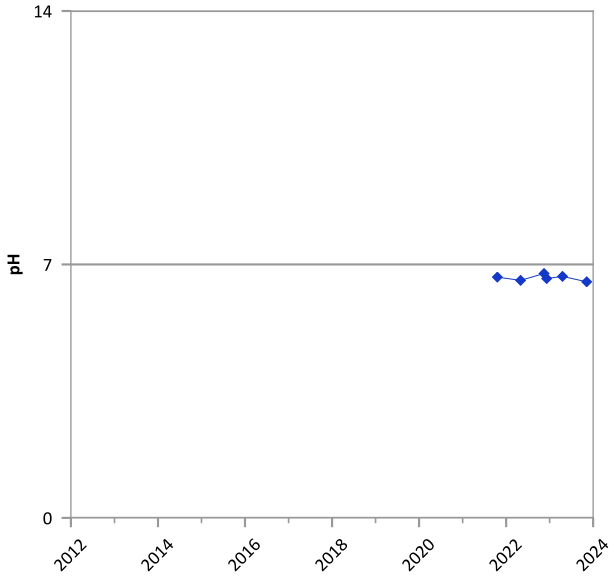
Well Location

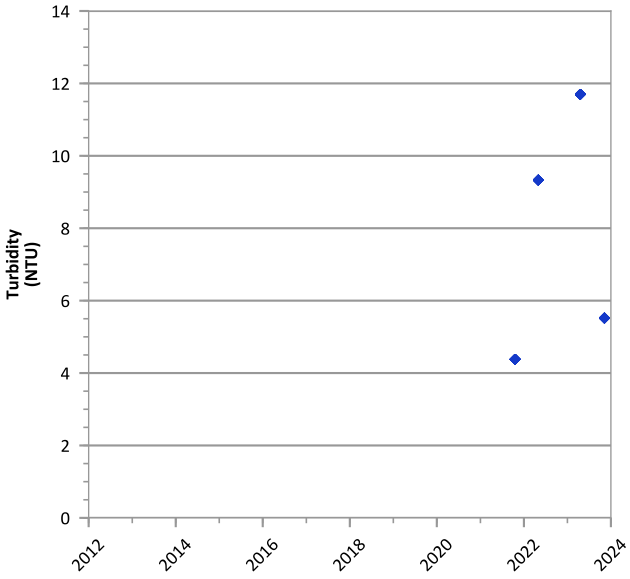


PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

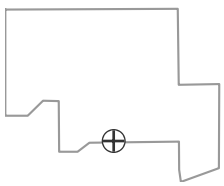






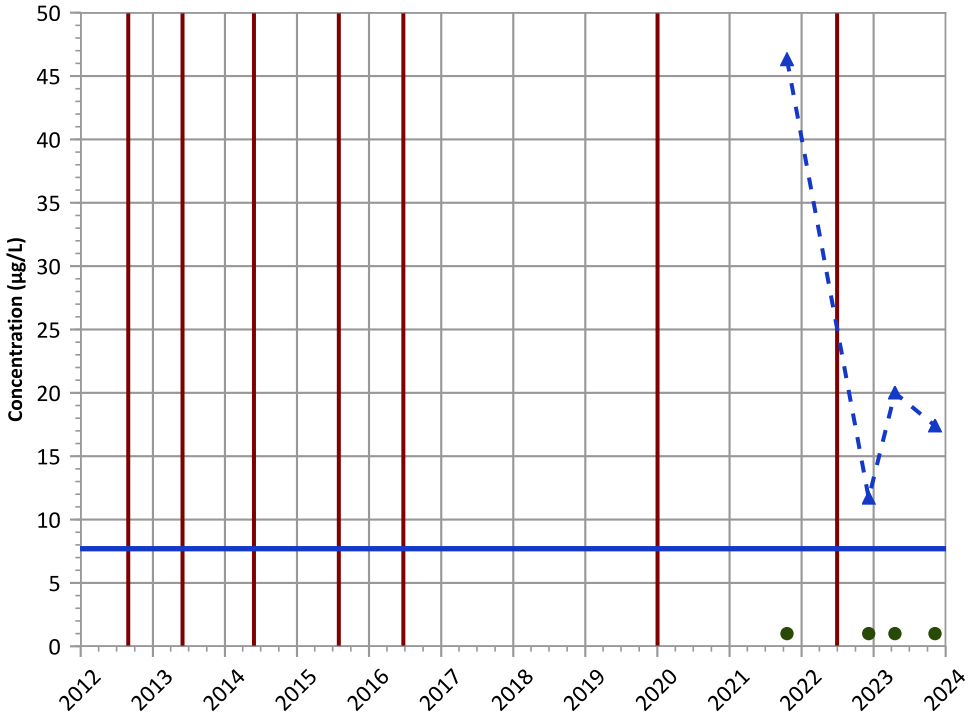


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

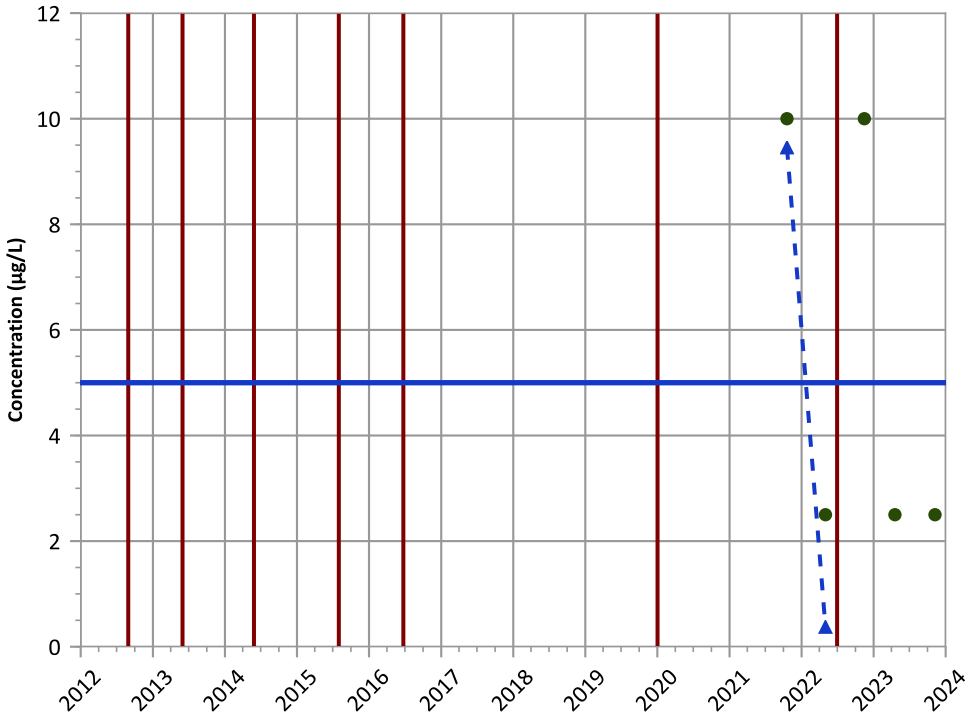


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

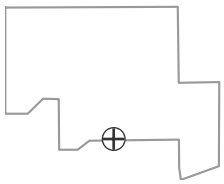
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

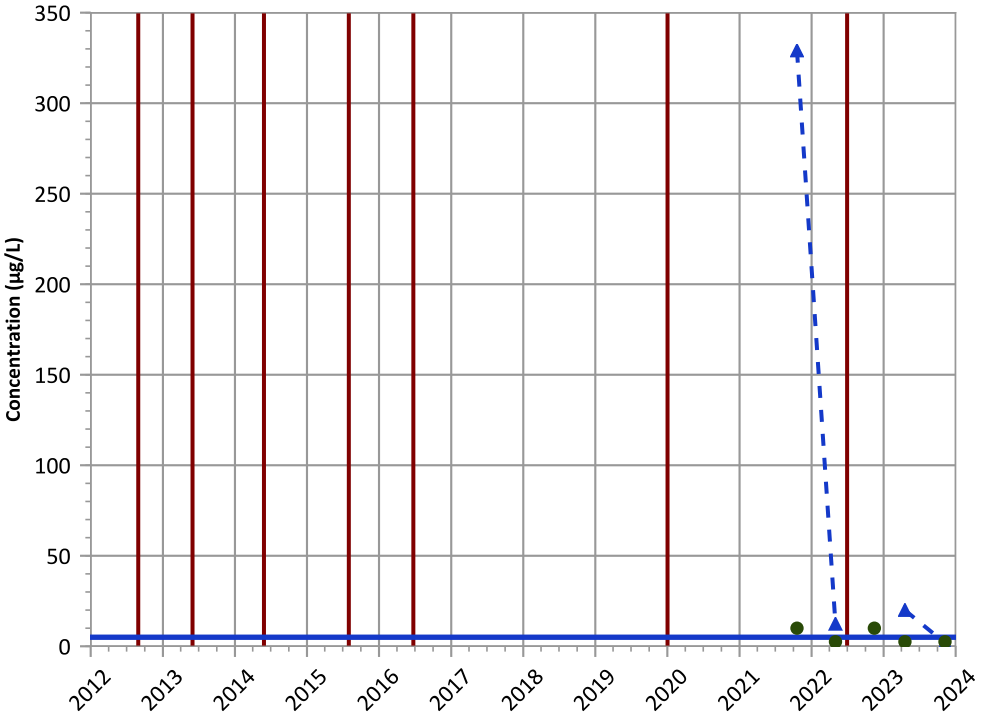
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

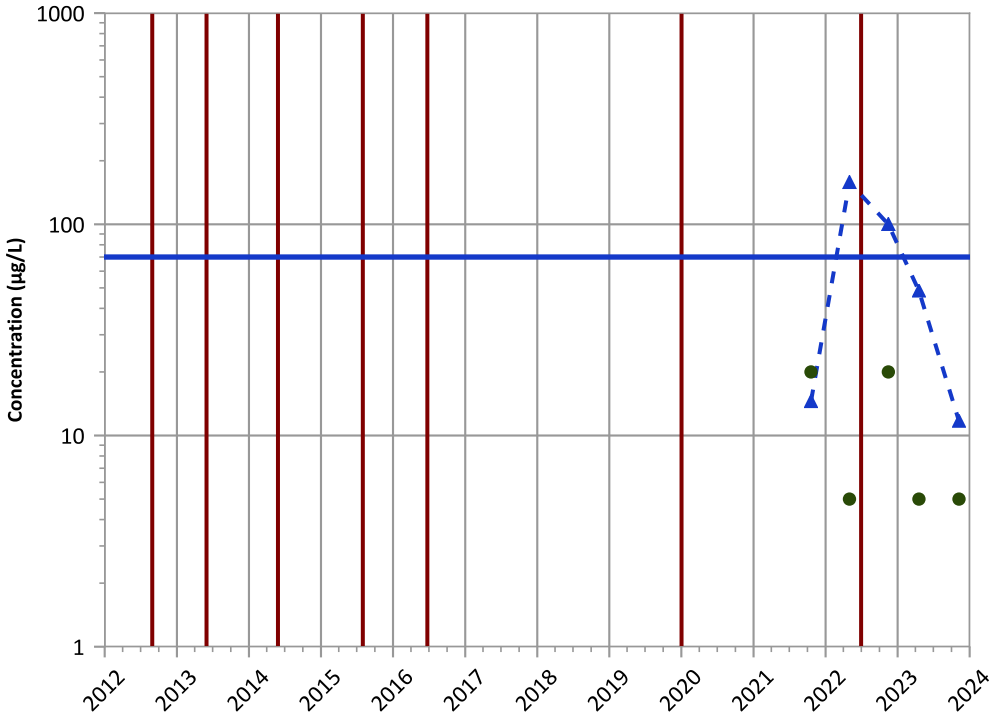


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

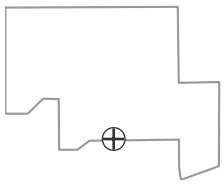
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

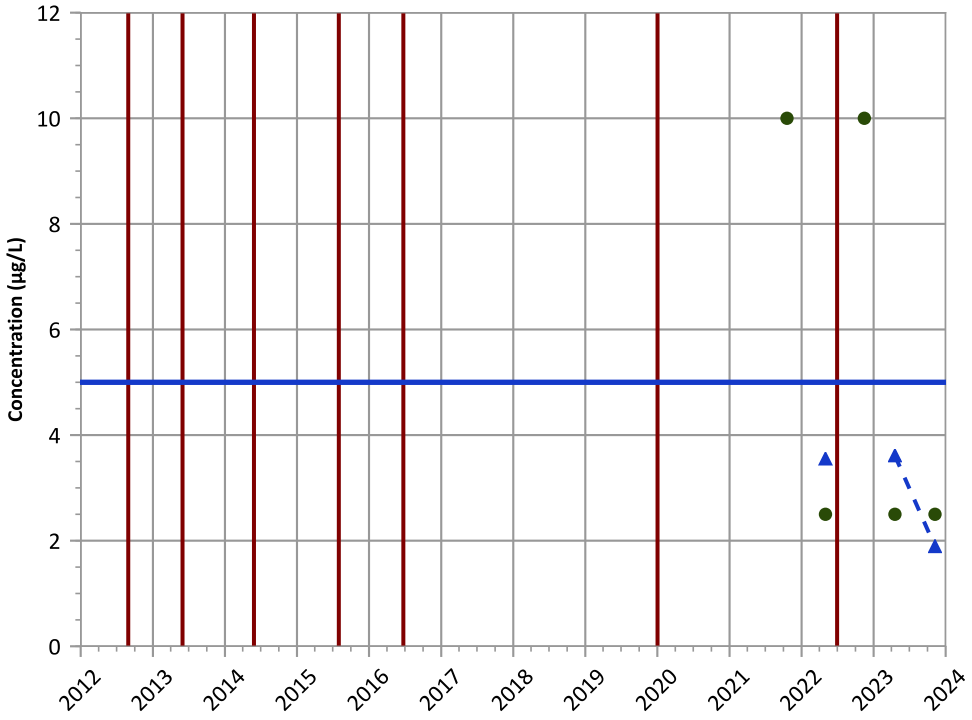
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

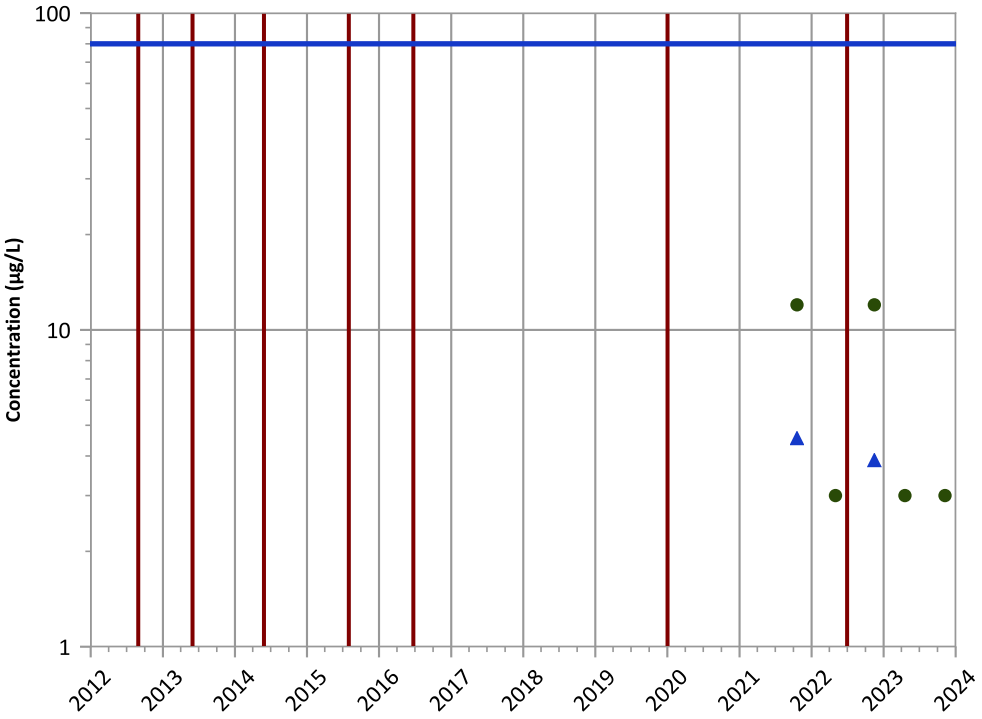


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

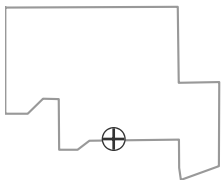
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

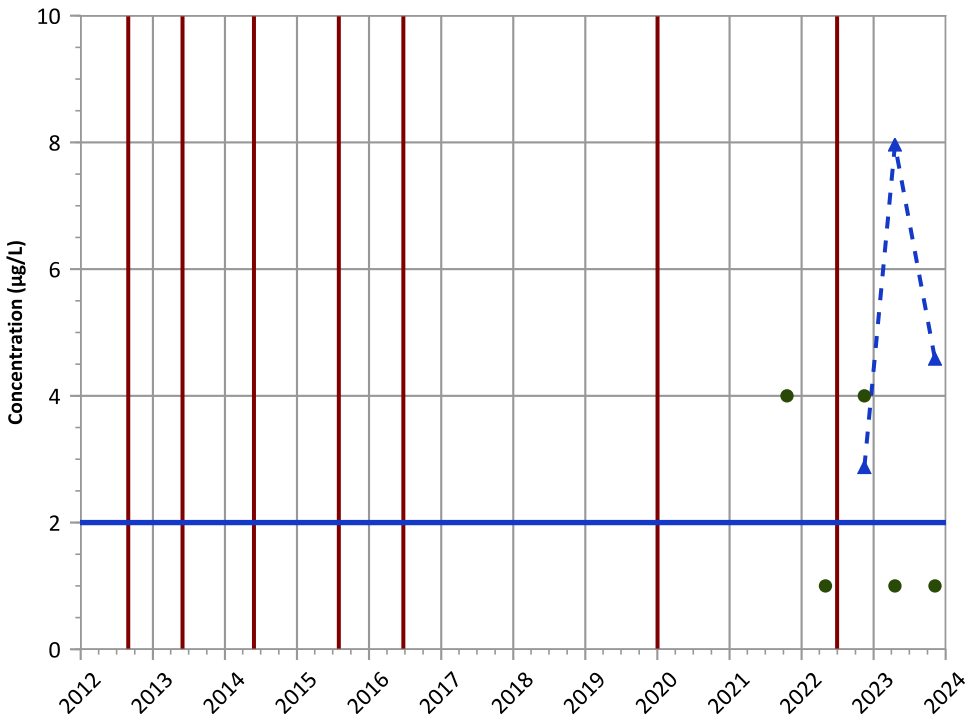
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

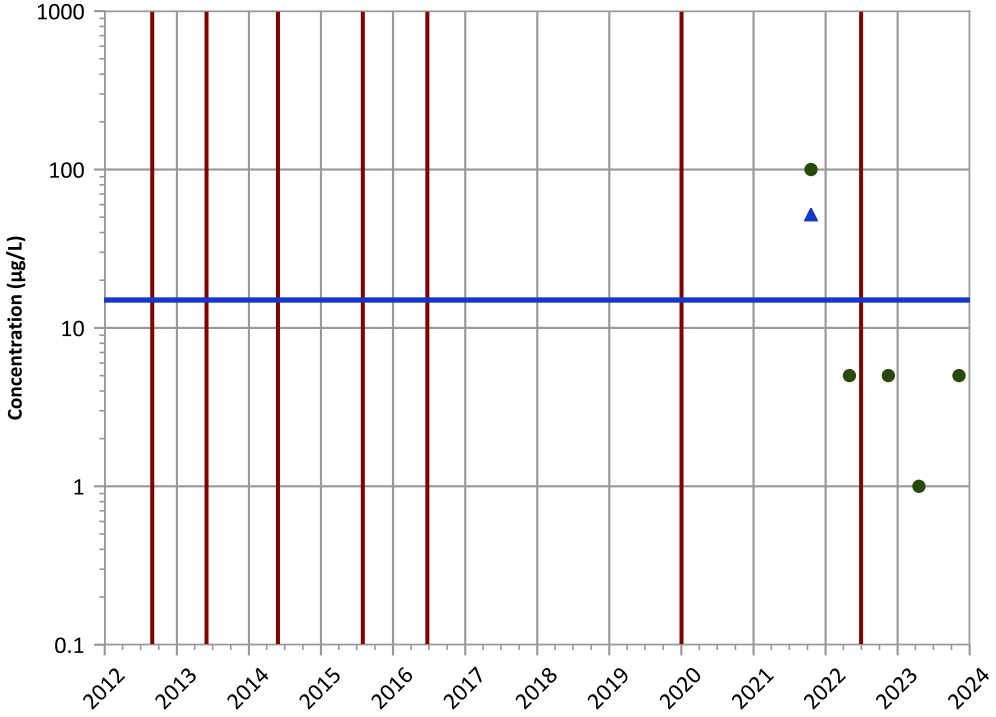


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

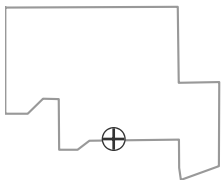
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

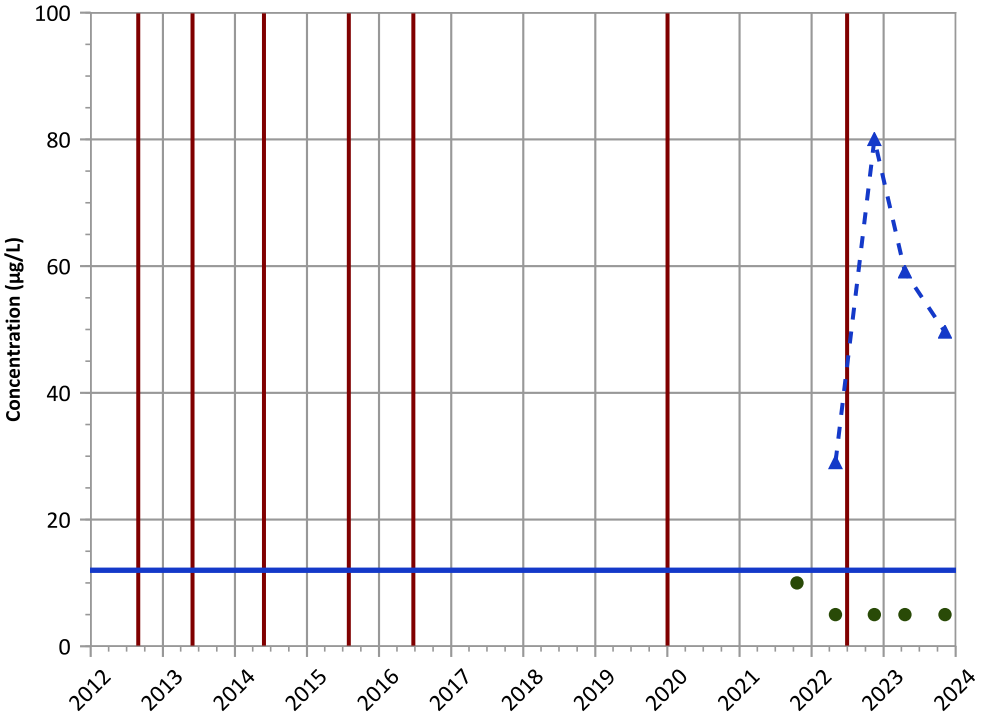
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

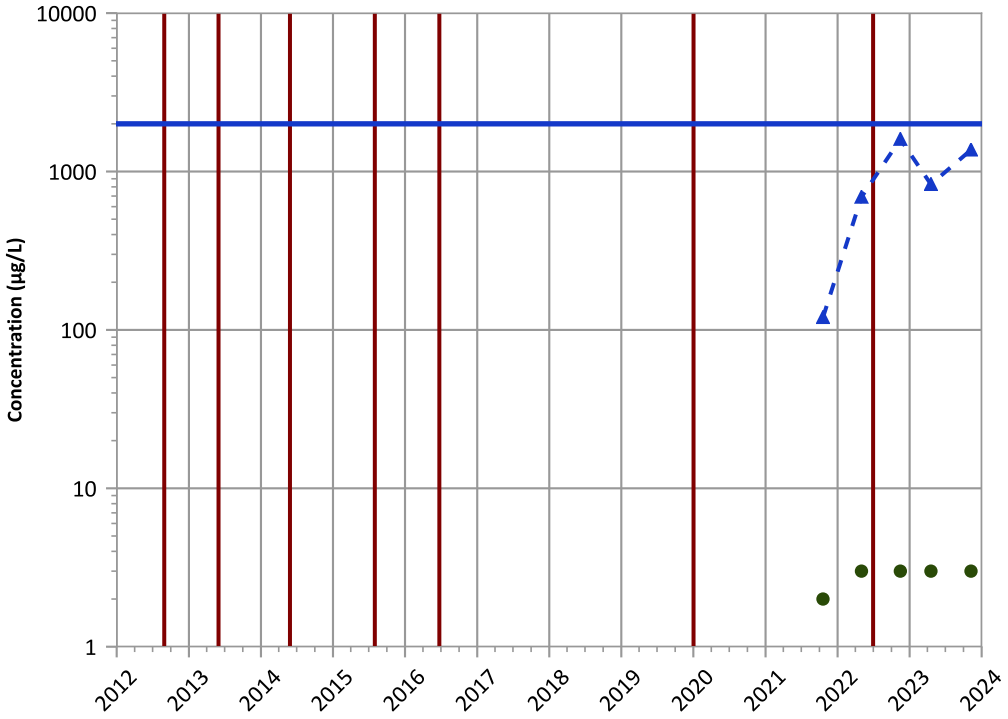


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

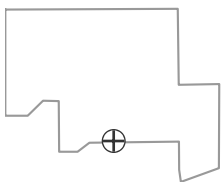
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

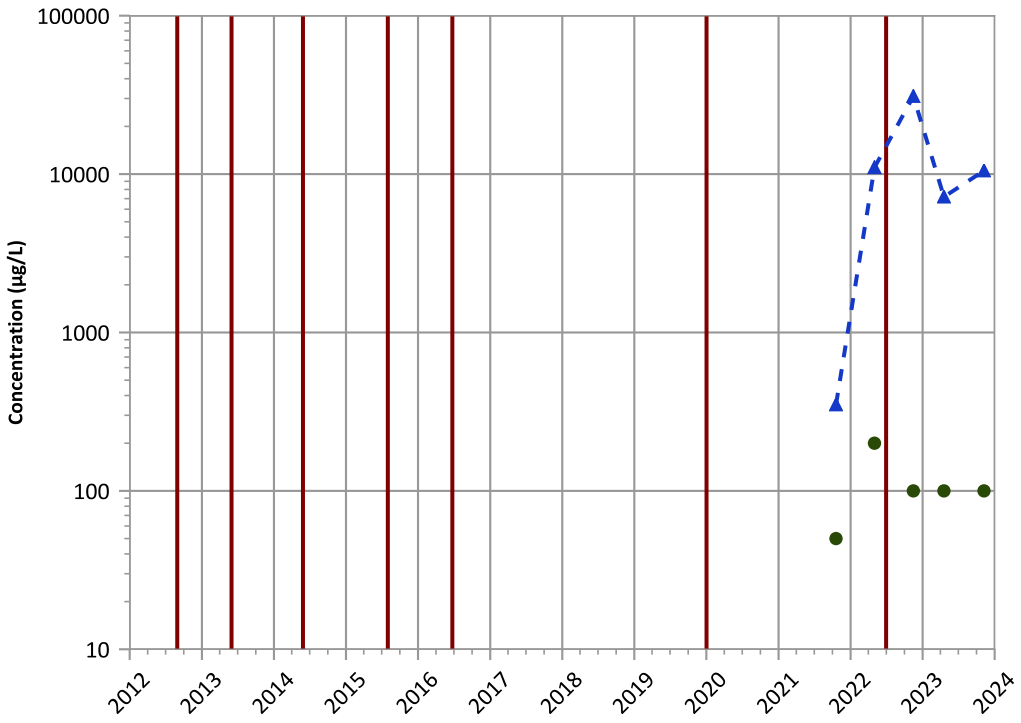
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

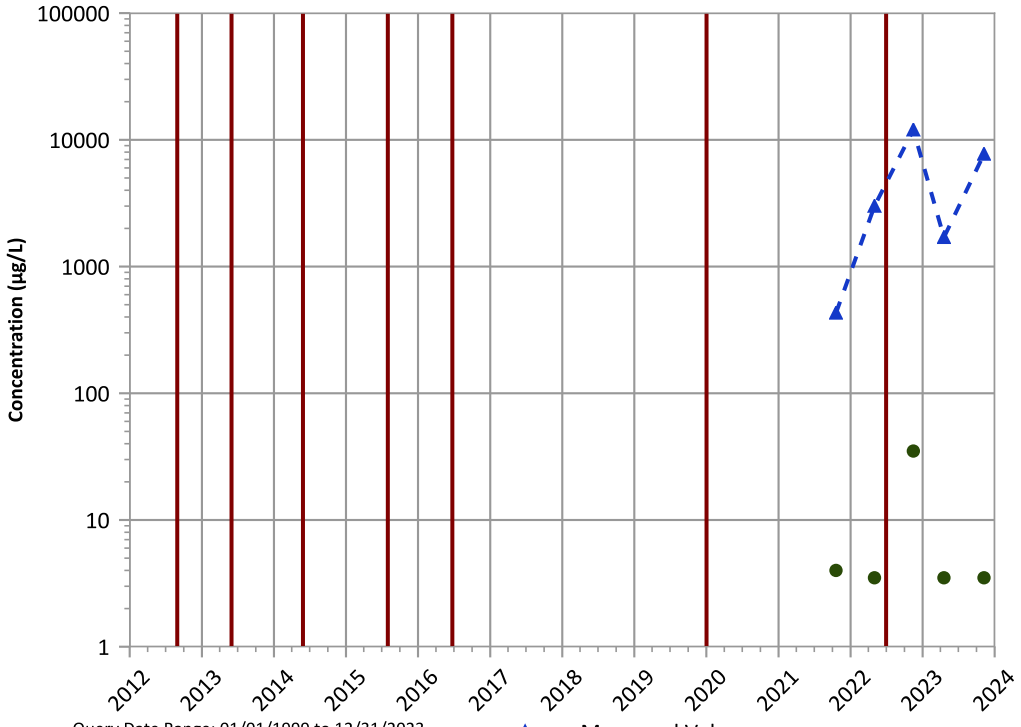
Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Manganese Trend



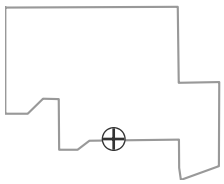
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

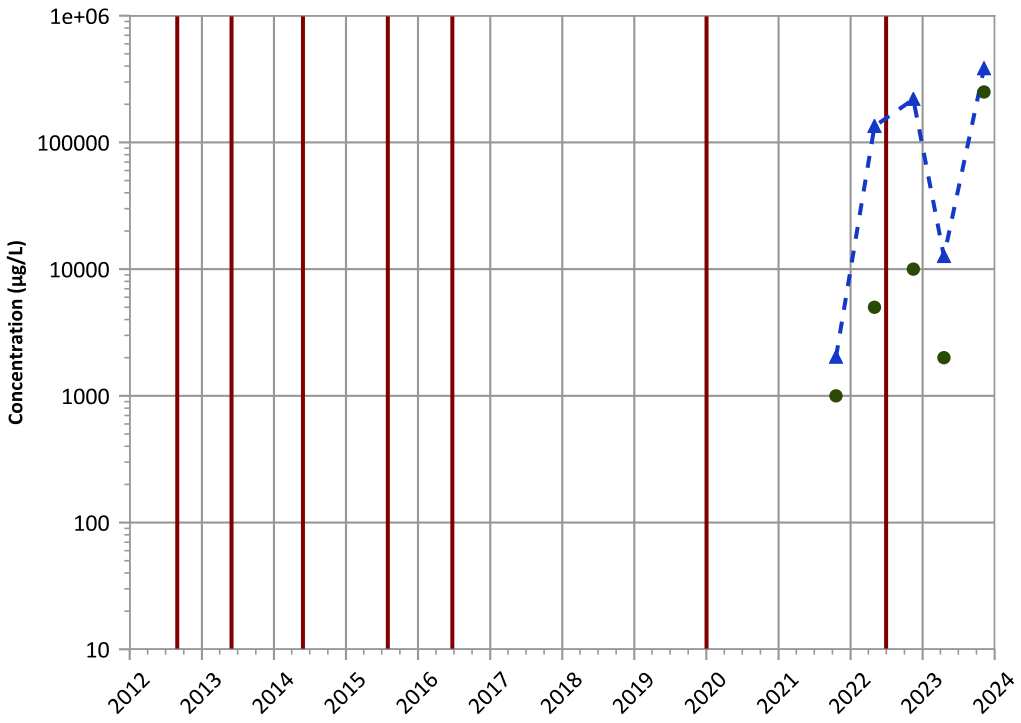
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

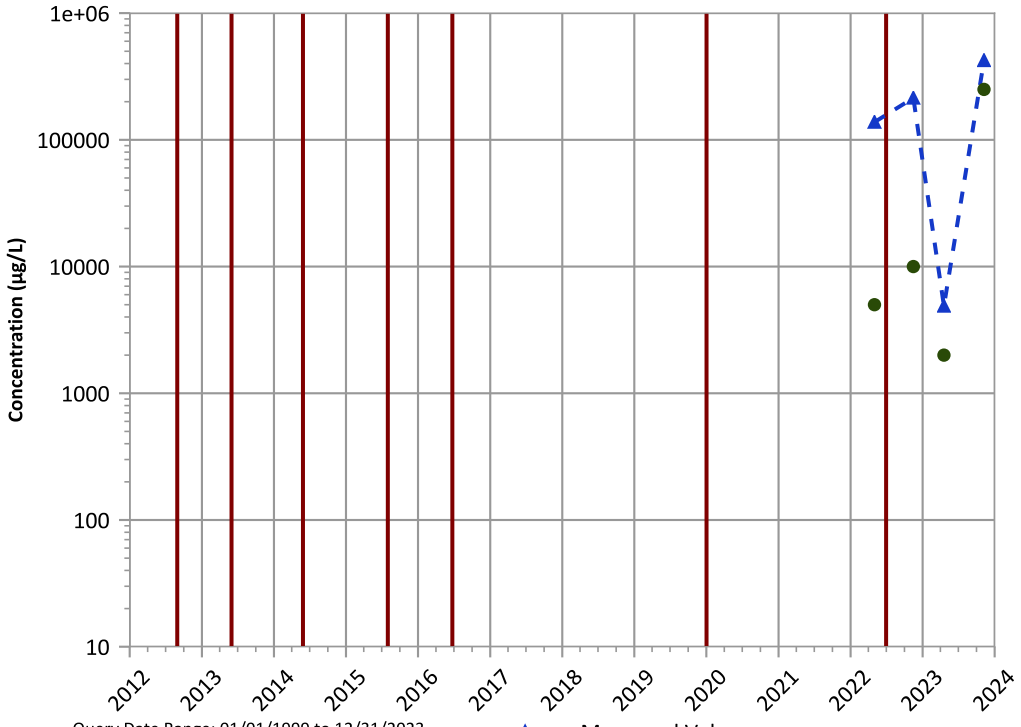


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

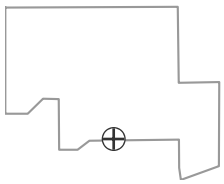
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

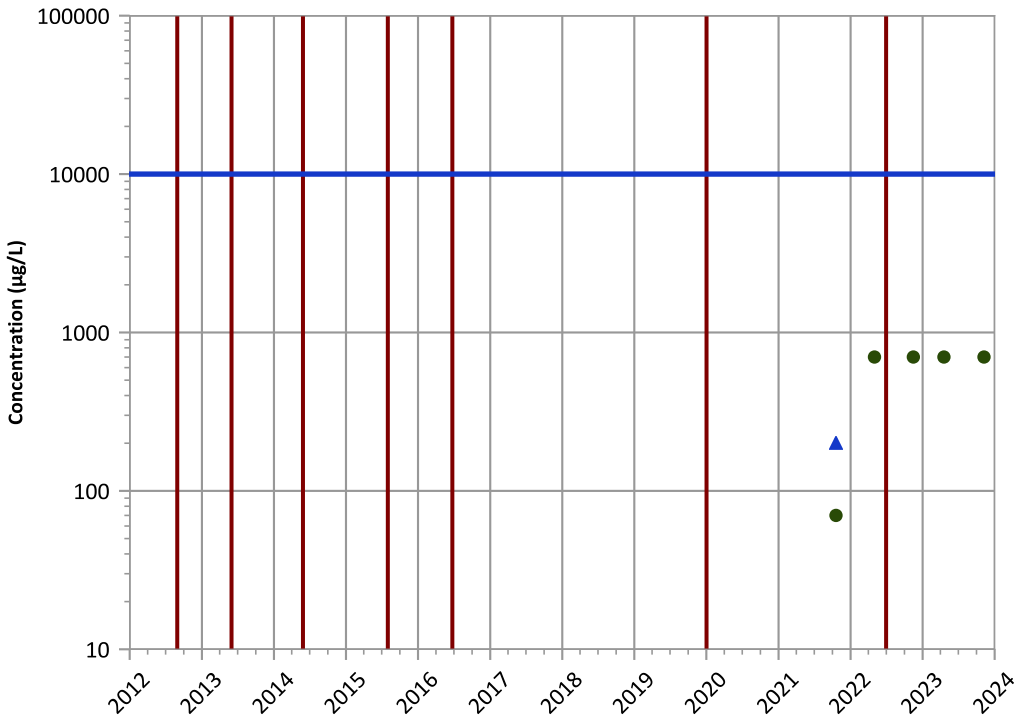
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

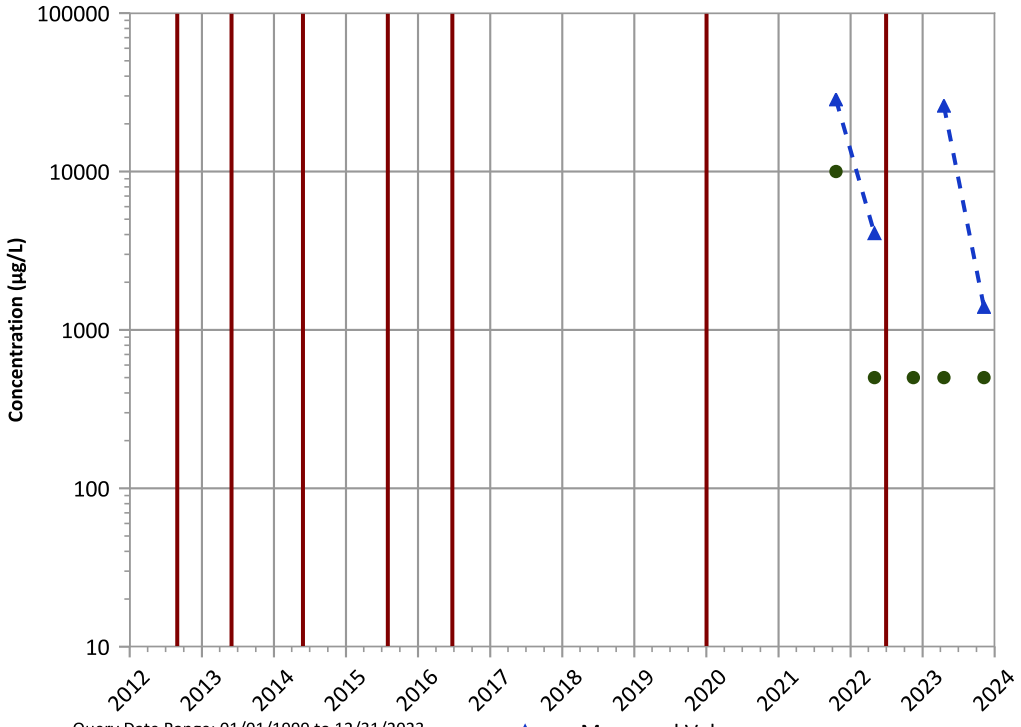


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

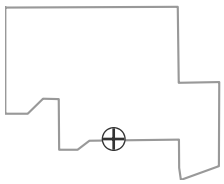
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

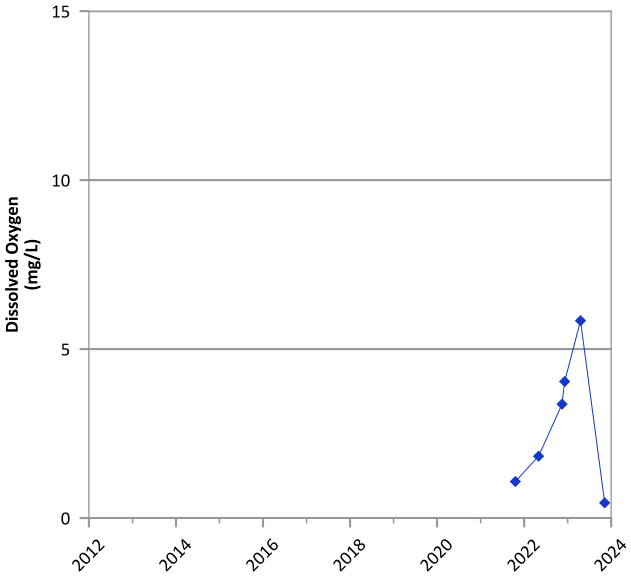
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

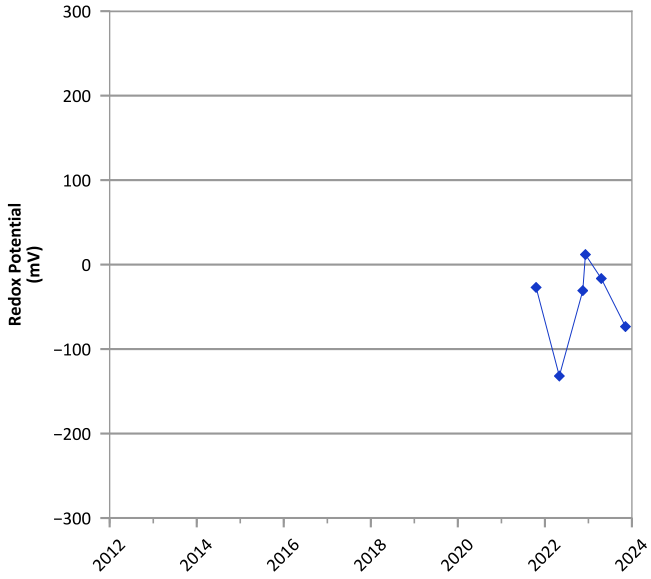
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

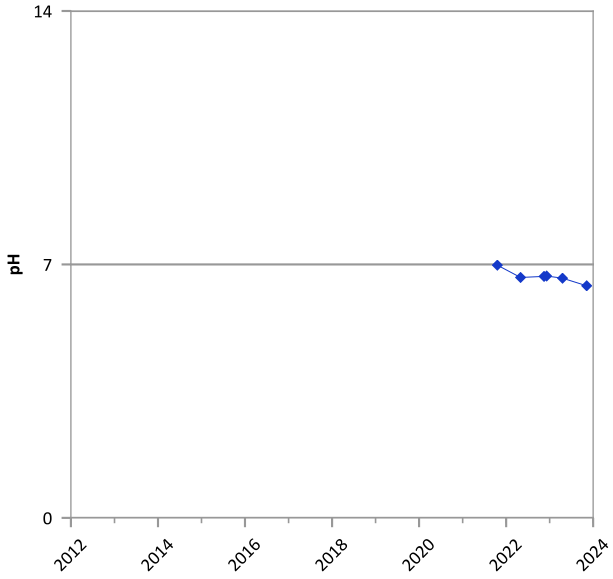
Well Location

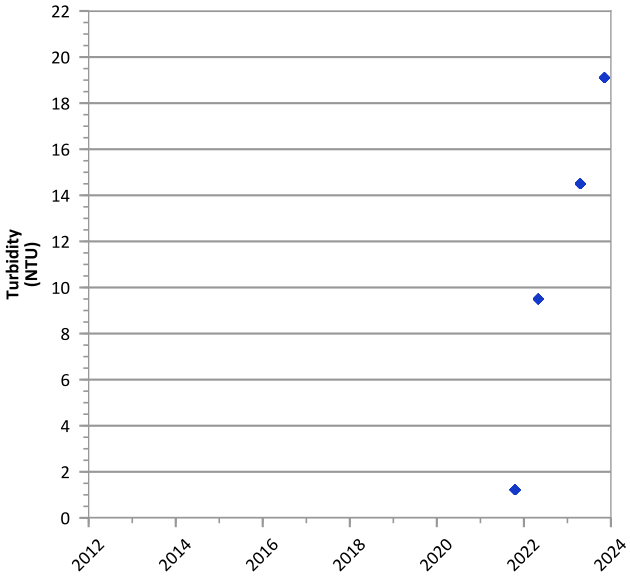


PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

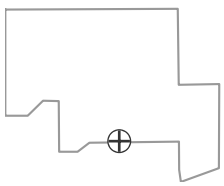






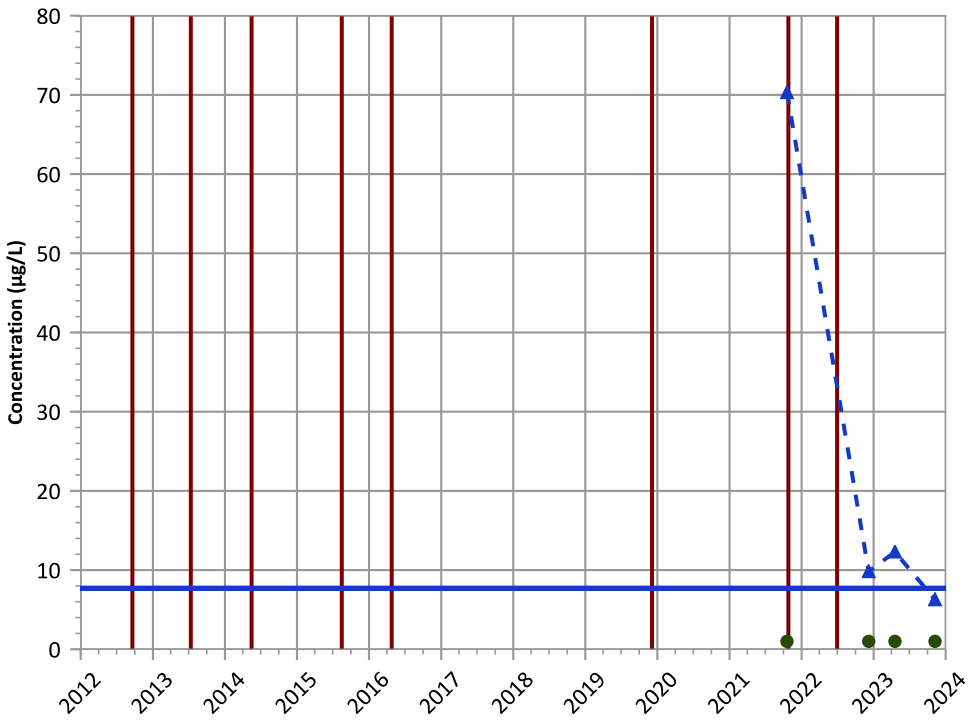


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

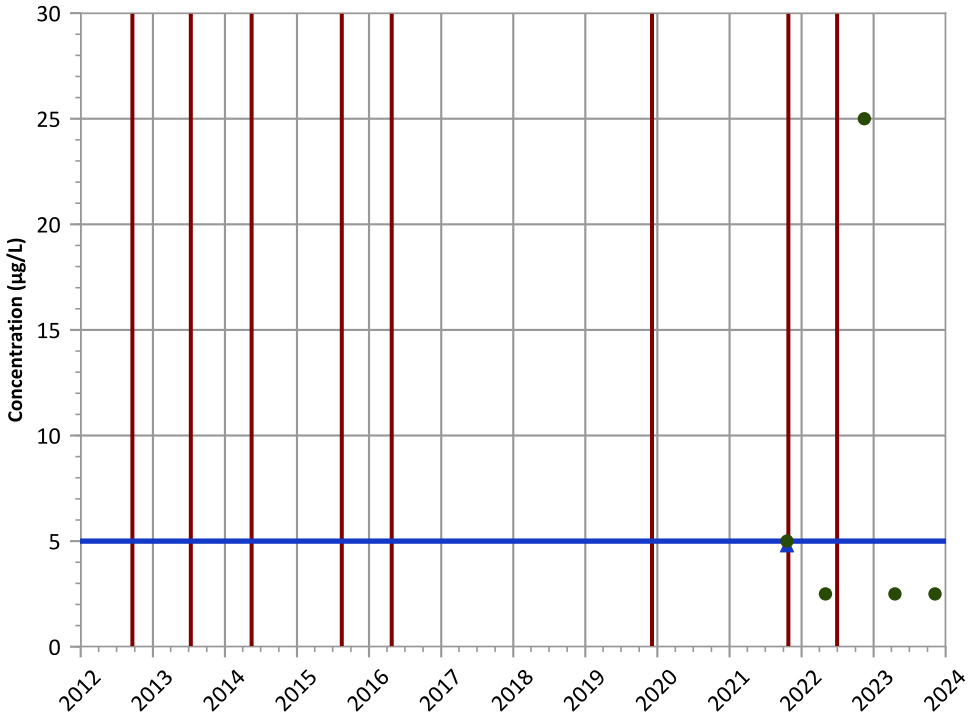


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Tetrachloroethylene (PCE) Trend

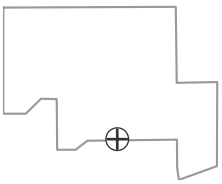


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

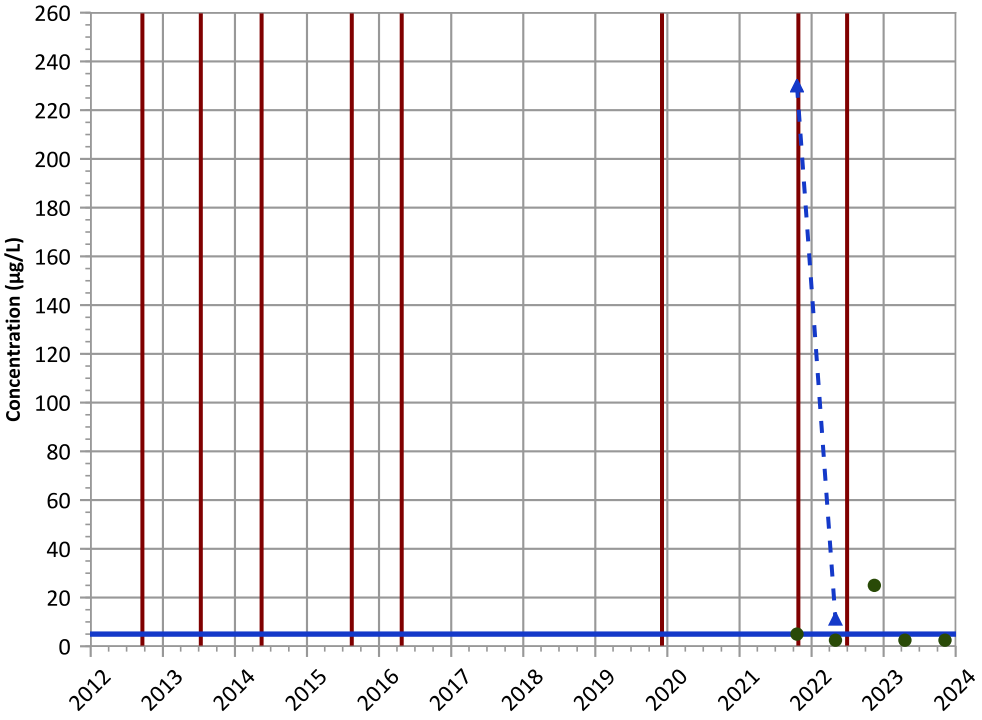


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

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

PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

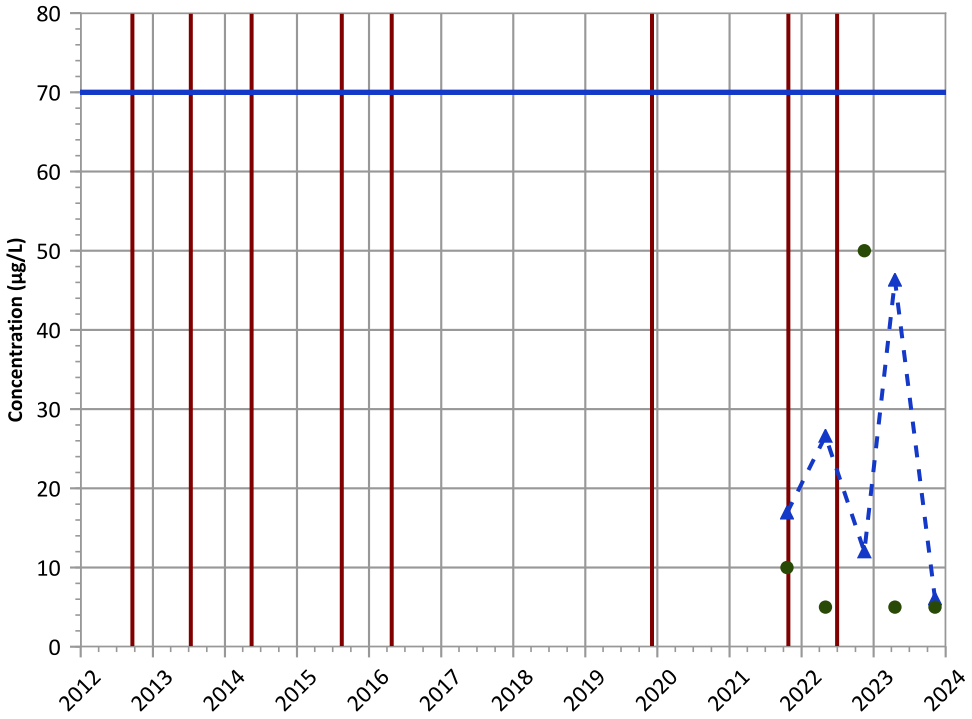


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

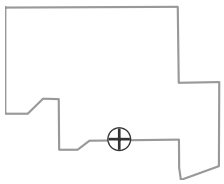
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

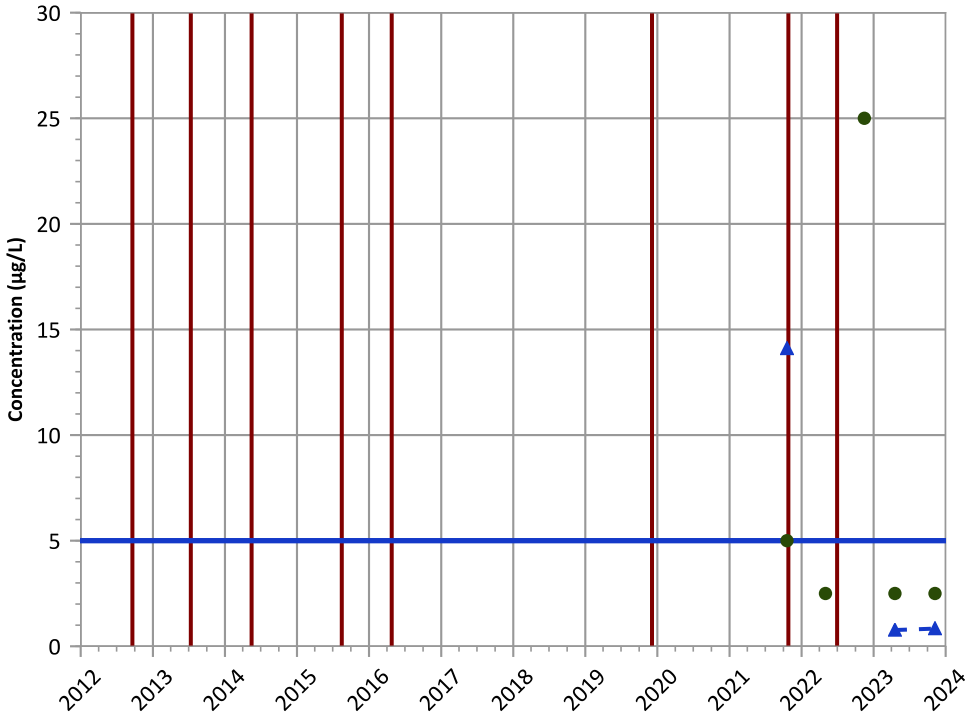
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

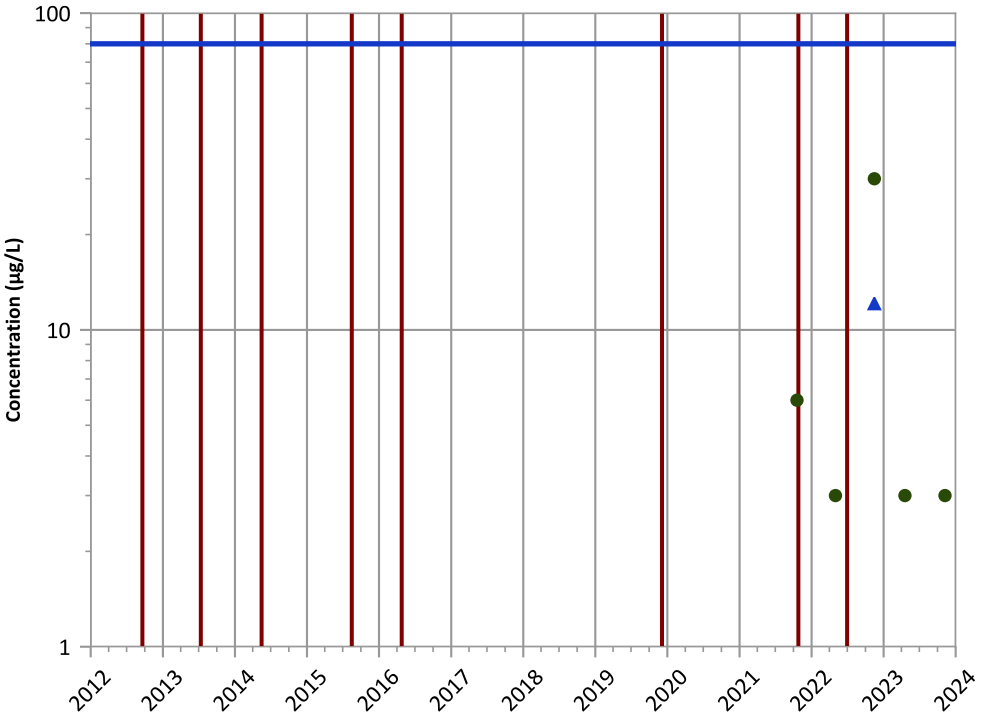


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

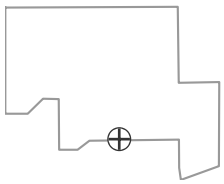
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

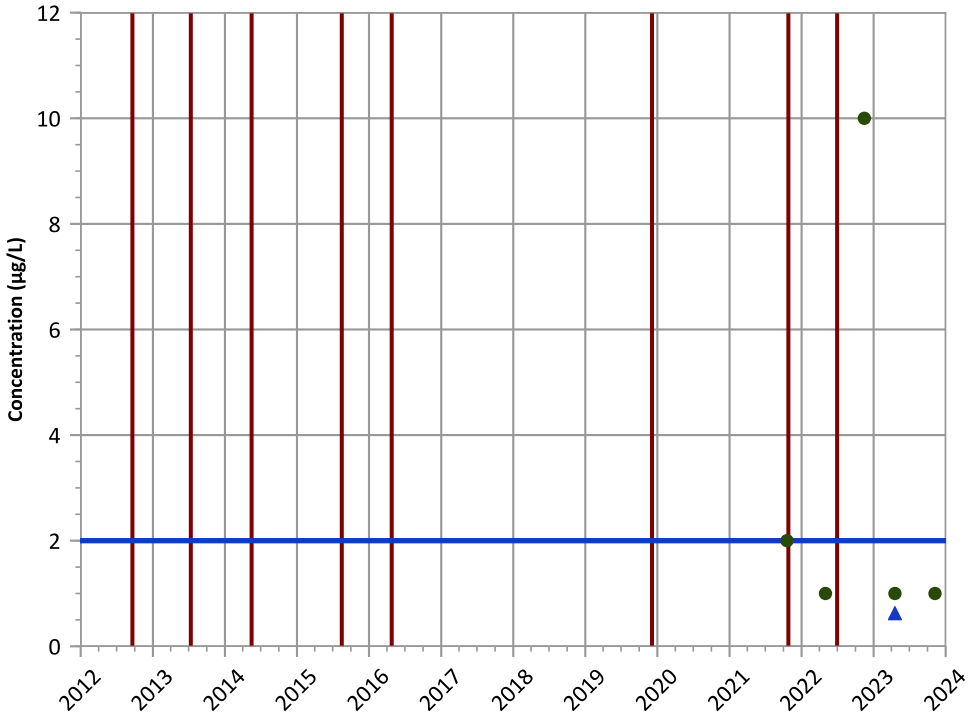
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

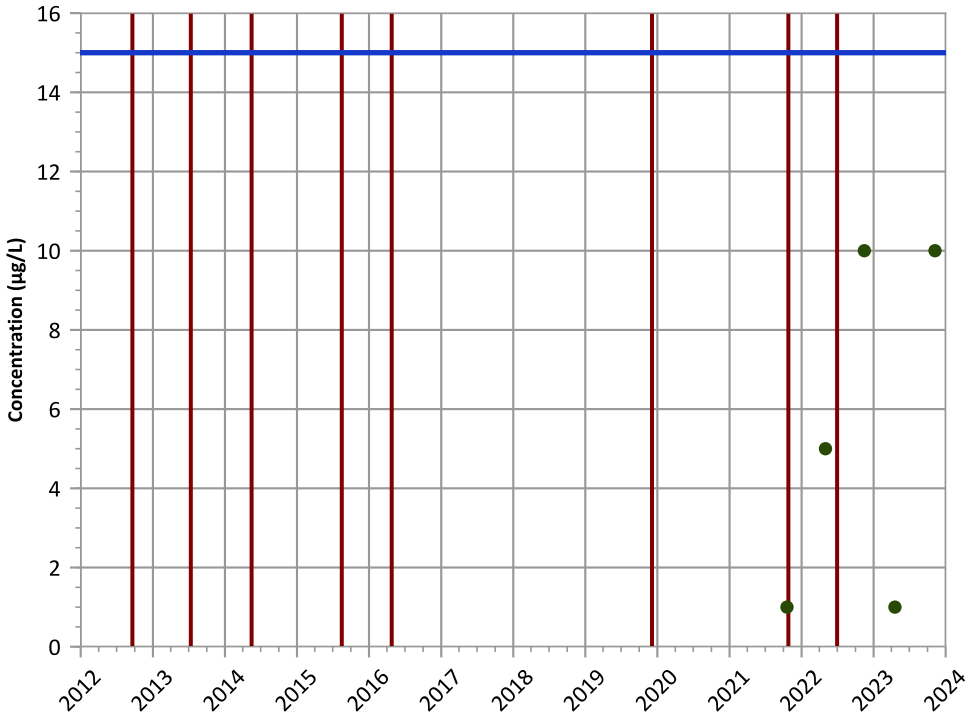


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

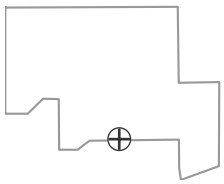
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

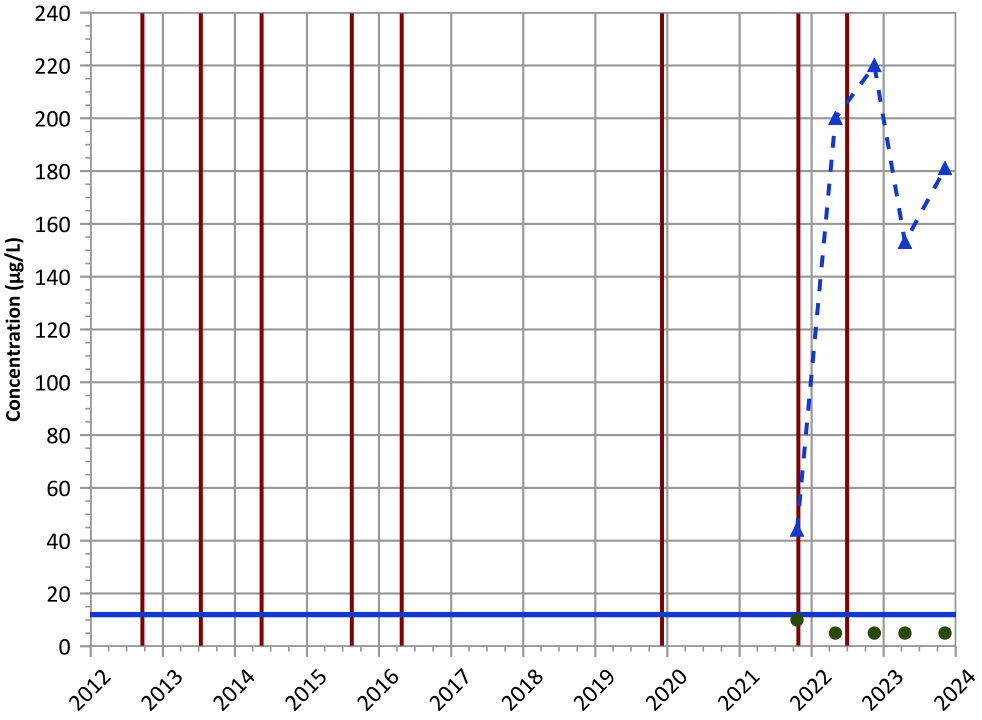
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

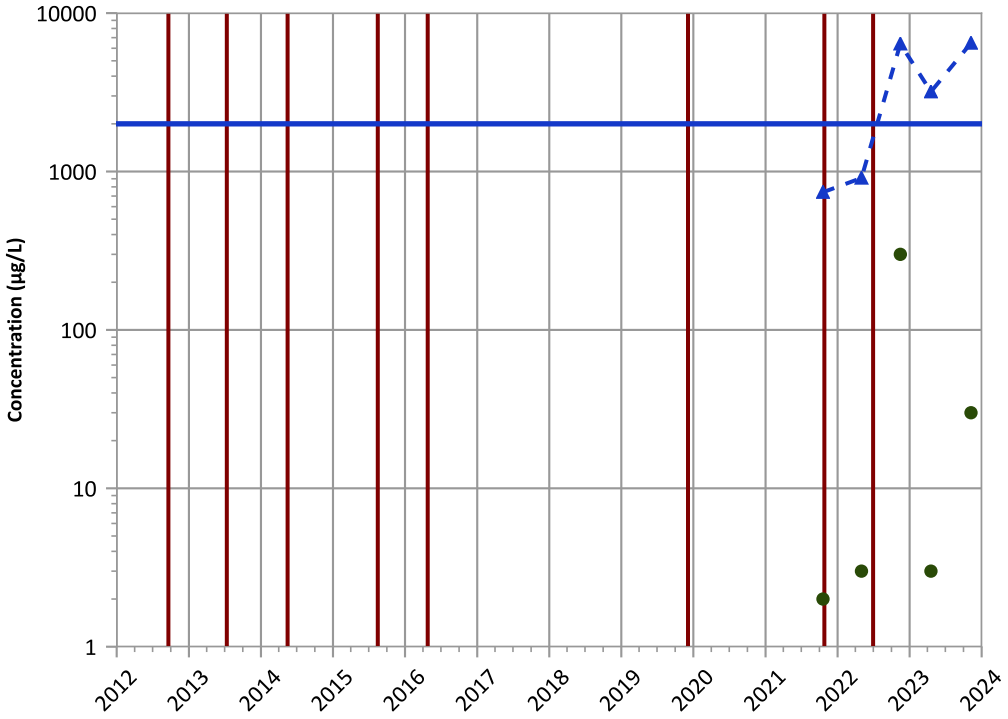


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

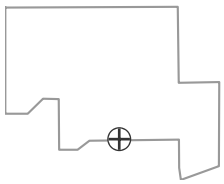
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

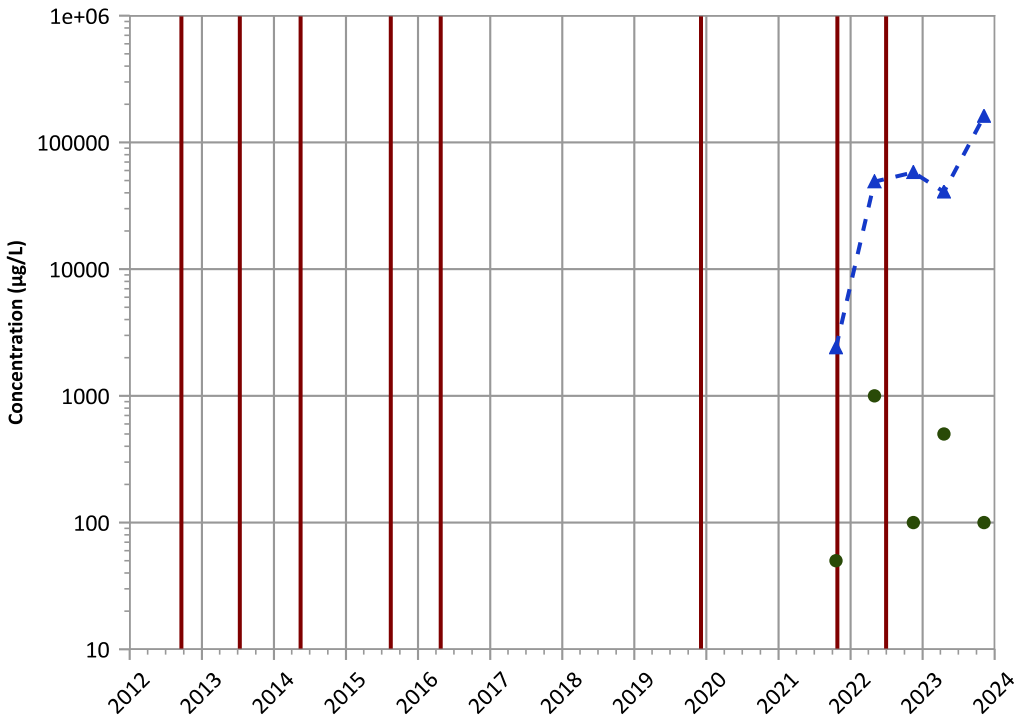
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

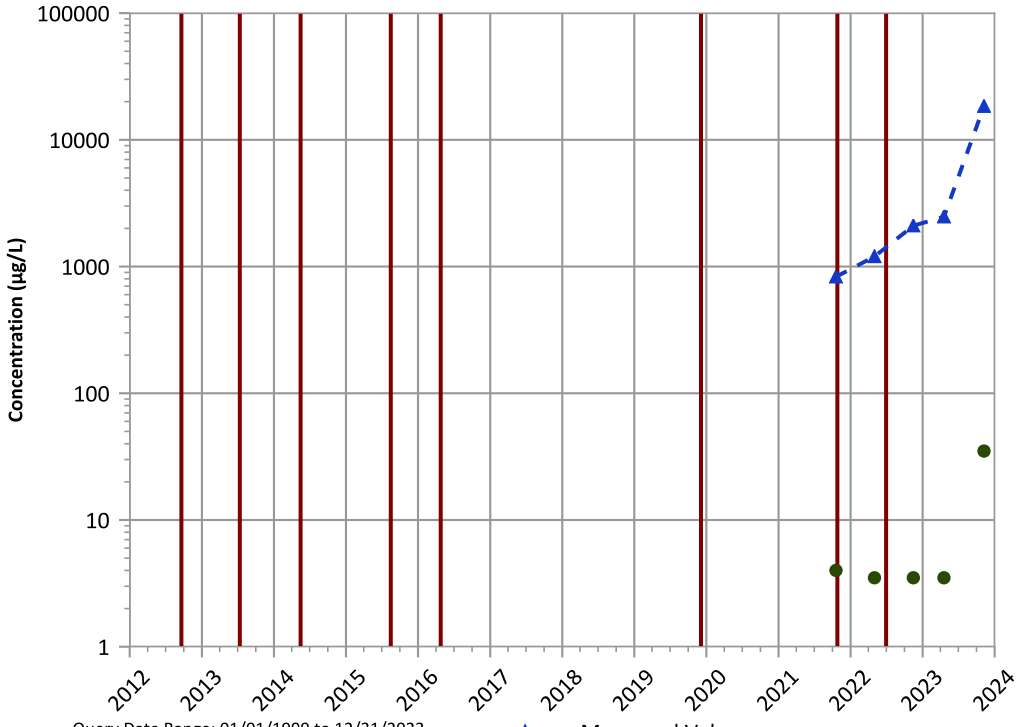


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

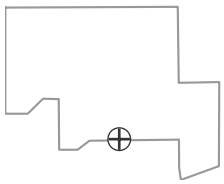
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

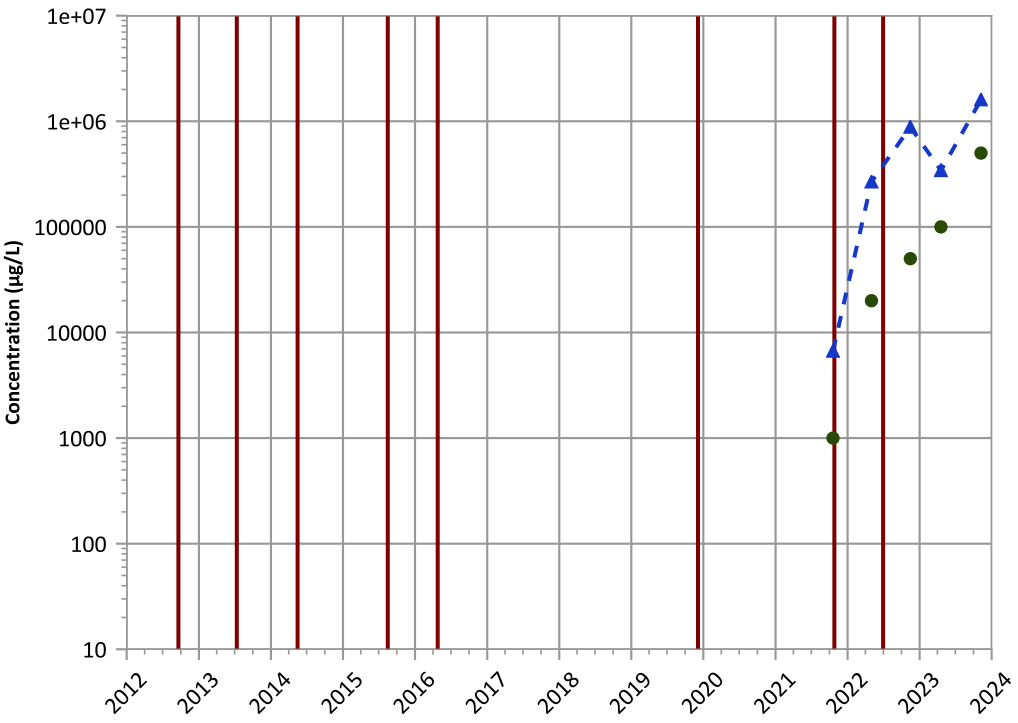
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

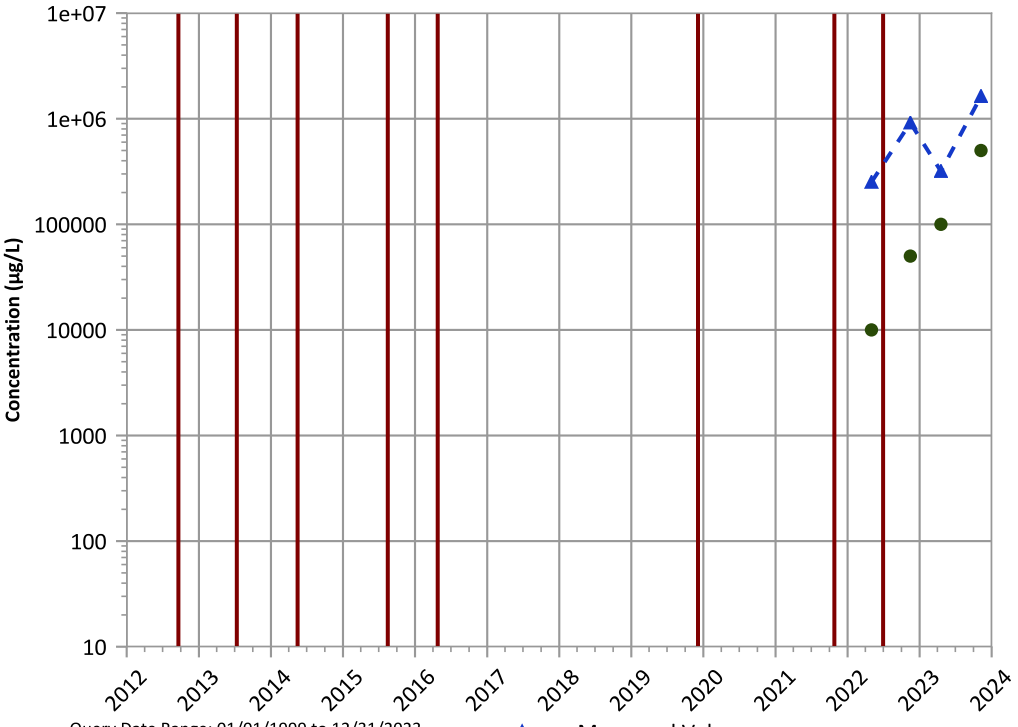


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

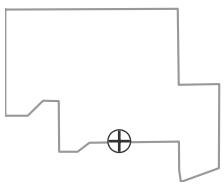
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

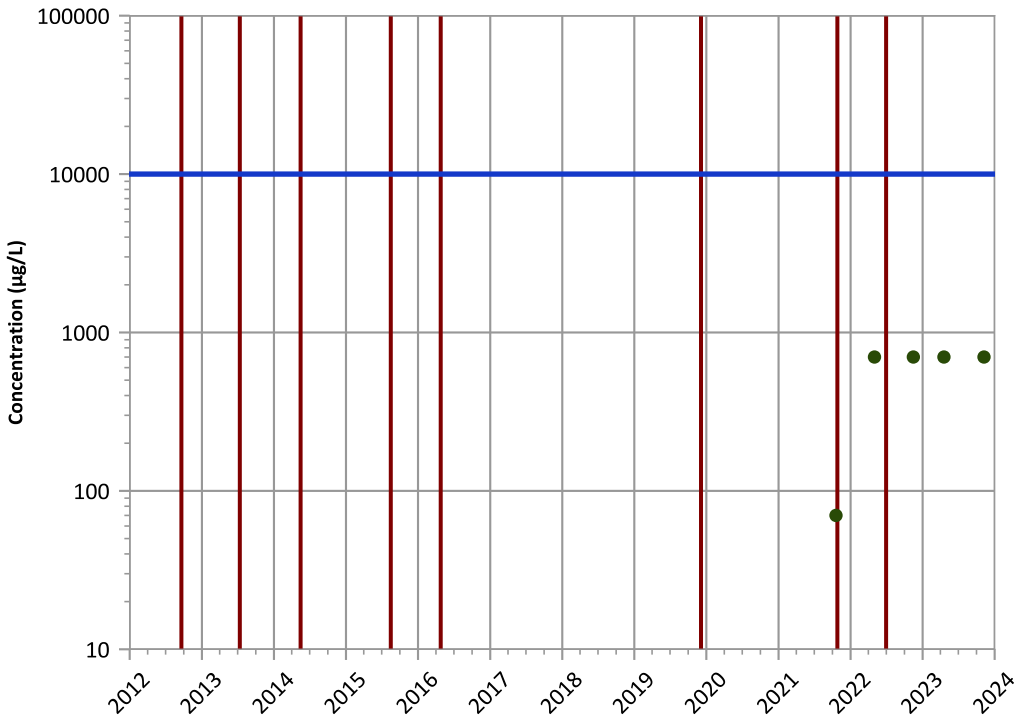
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

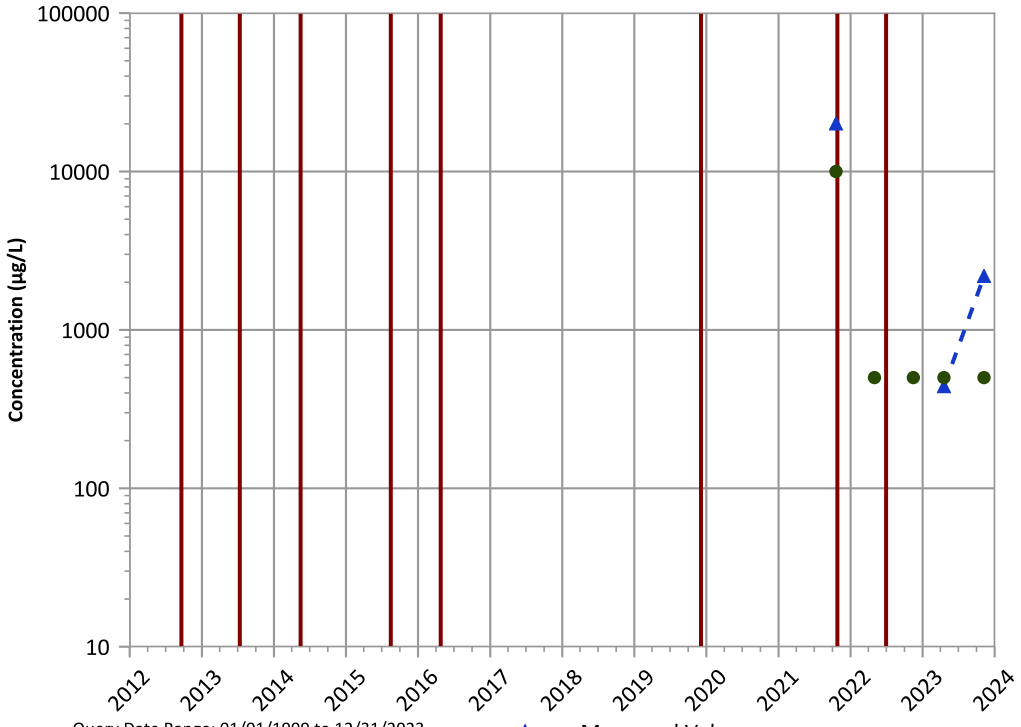


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

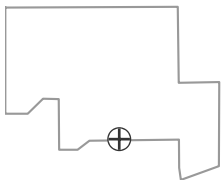
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

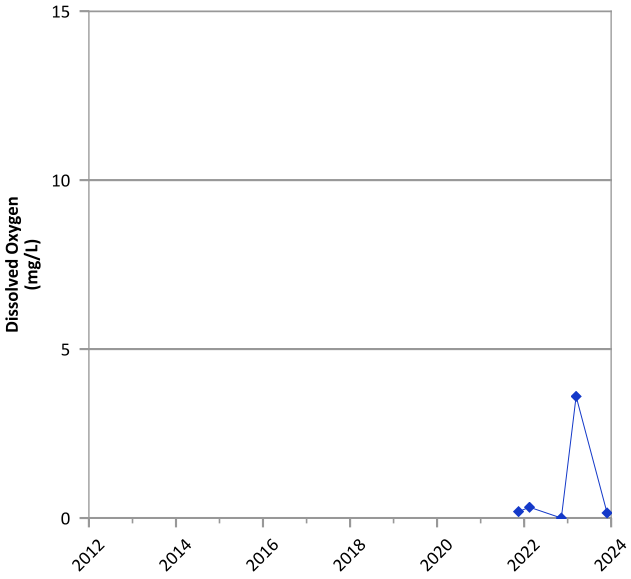
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/19/2021 to 11/08/2023
Analysis Date: 04/01/2024

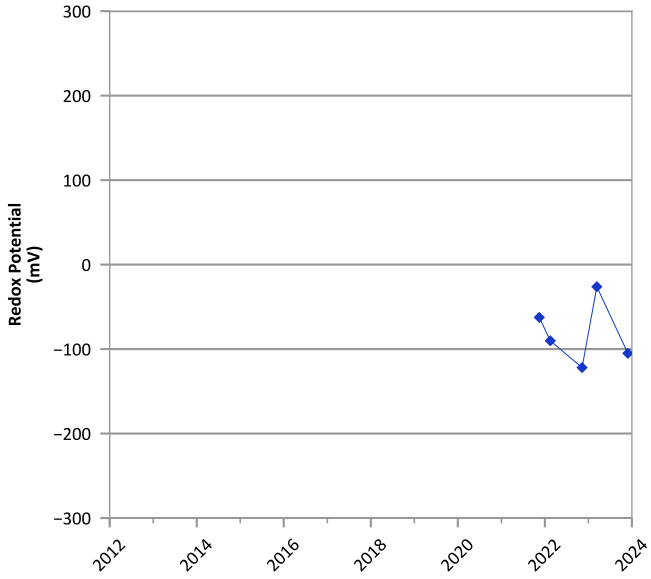
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

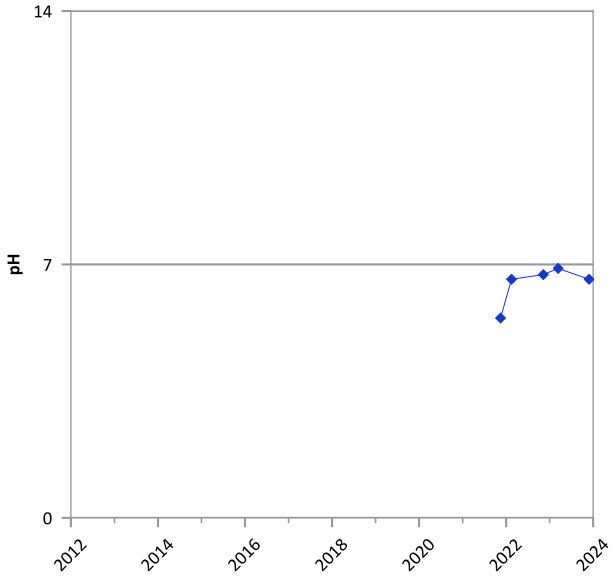
Well Location

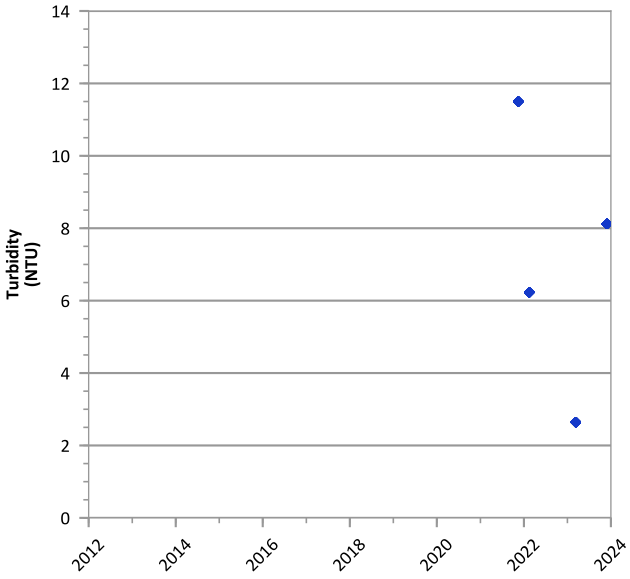


PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

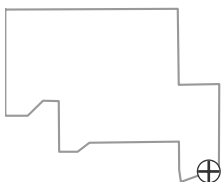






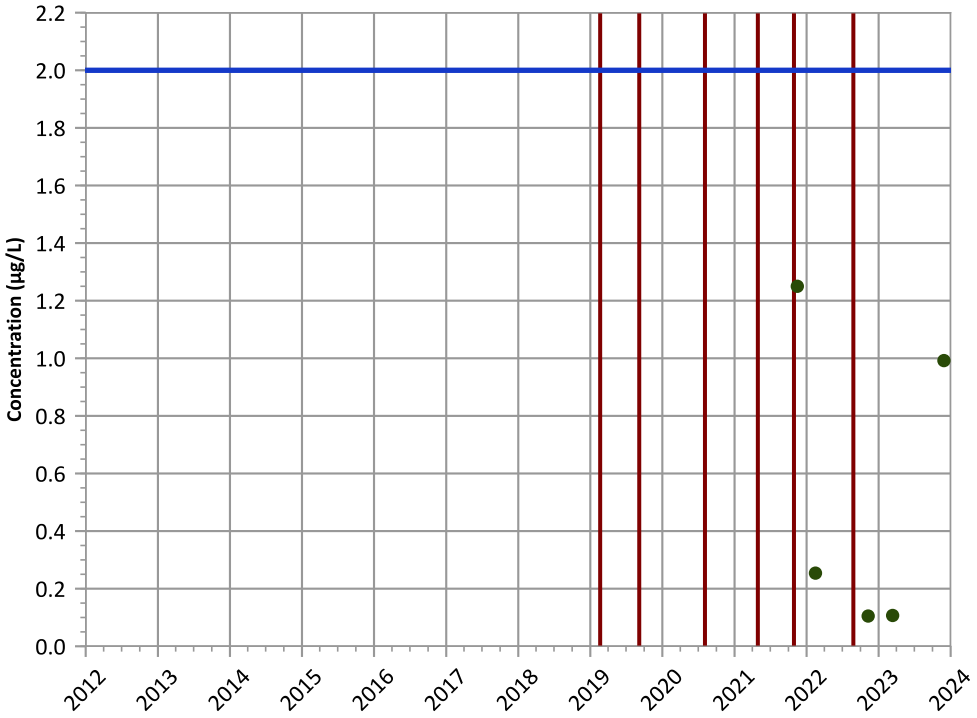


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

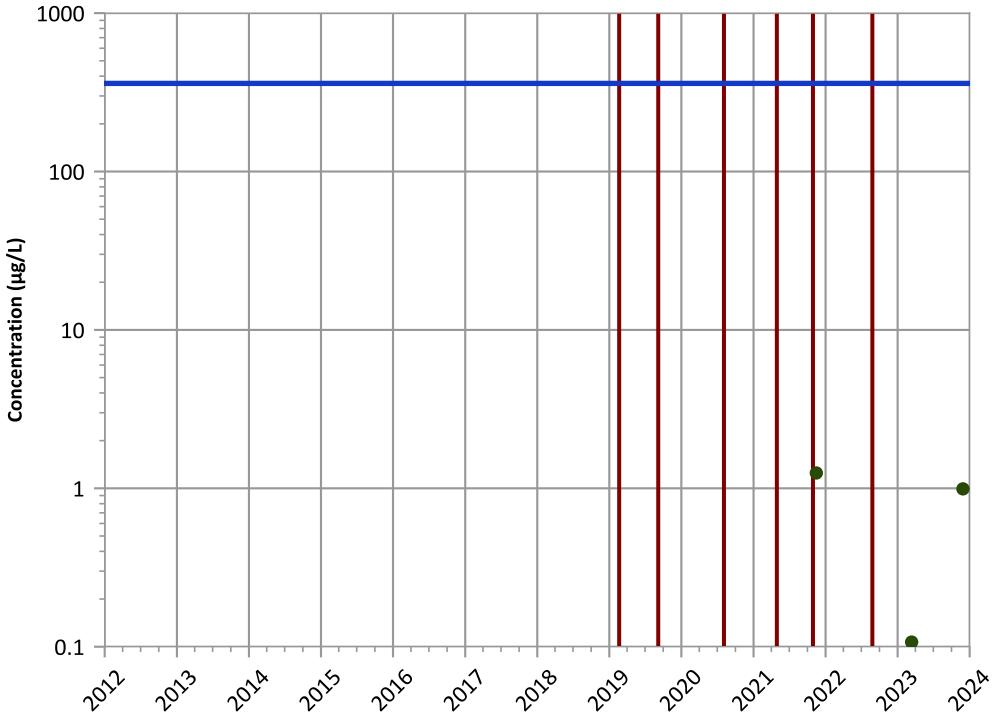


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



Concentration Trend

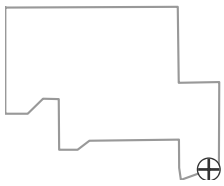
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

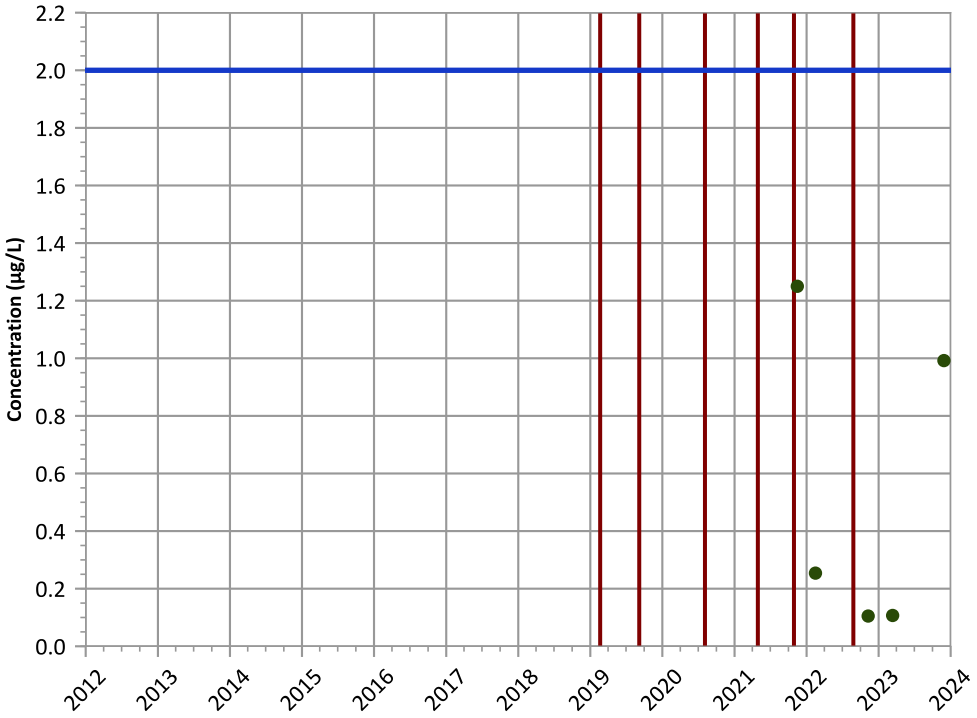
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

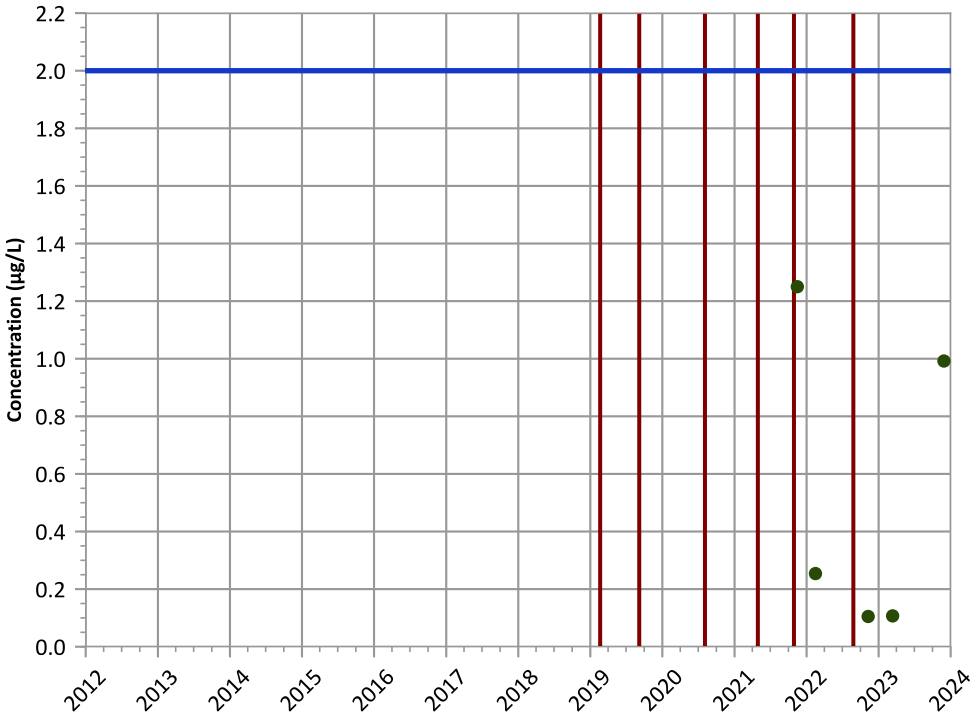


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

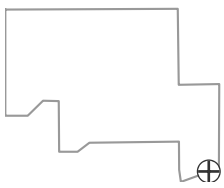
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

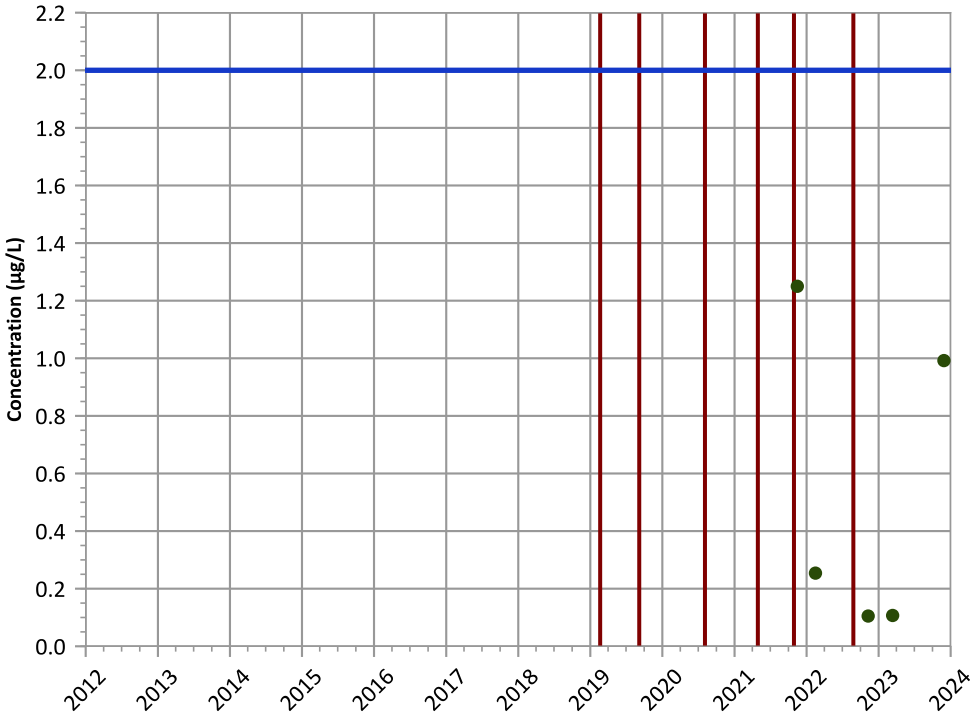
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

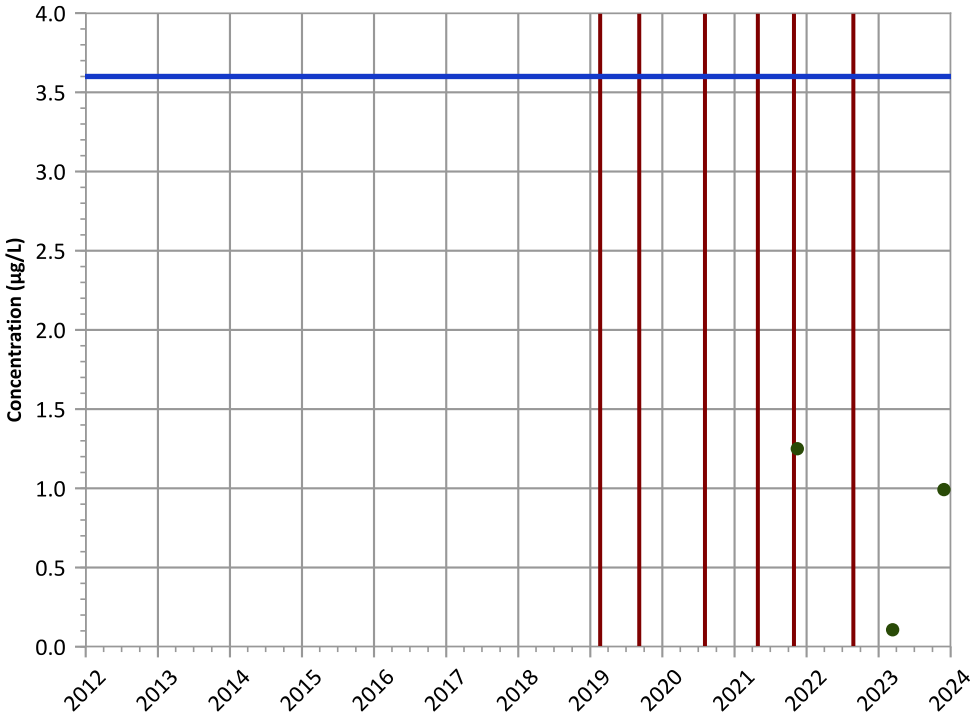


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

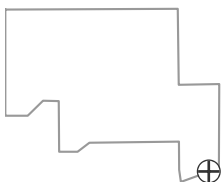
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

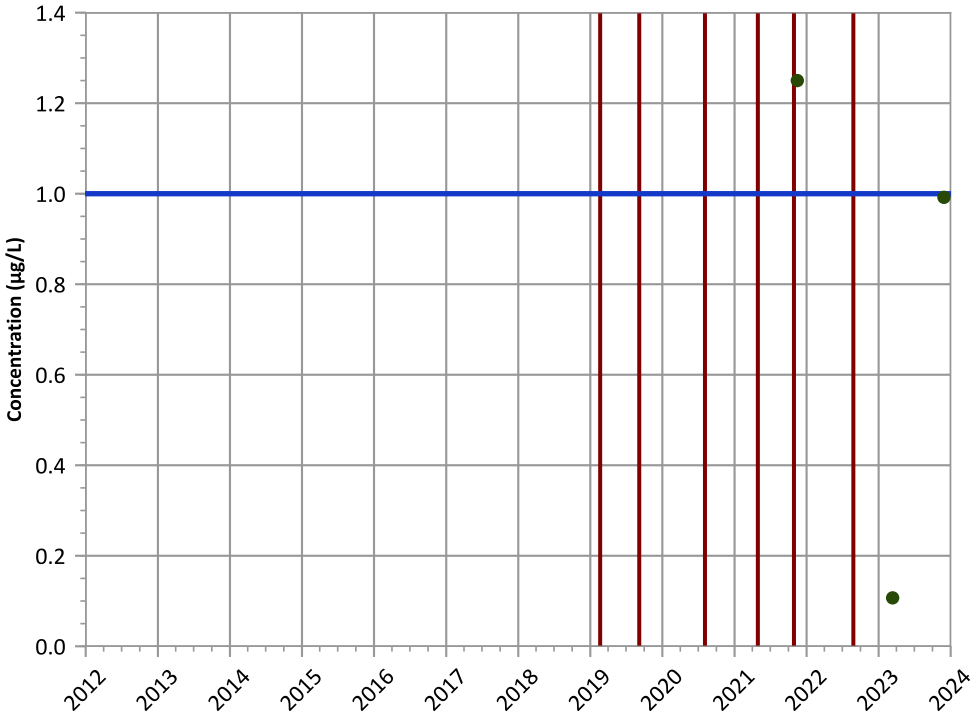
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

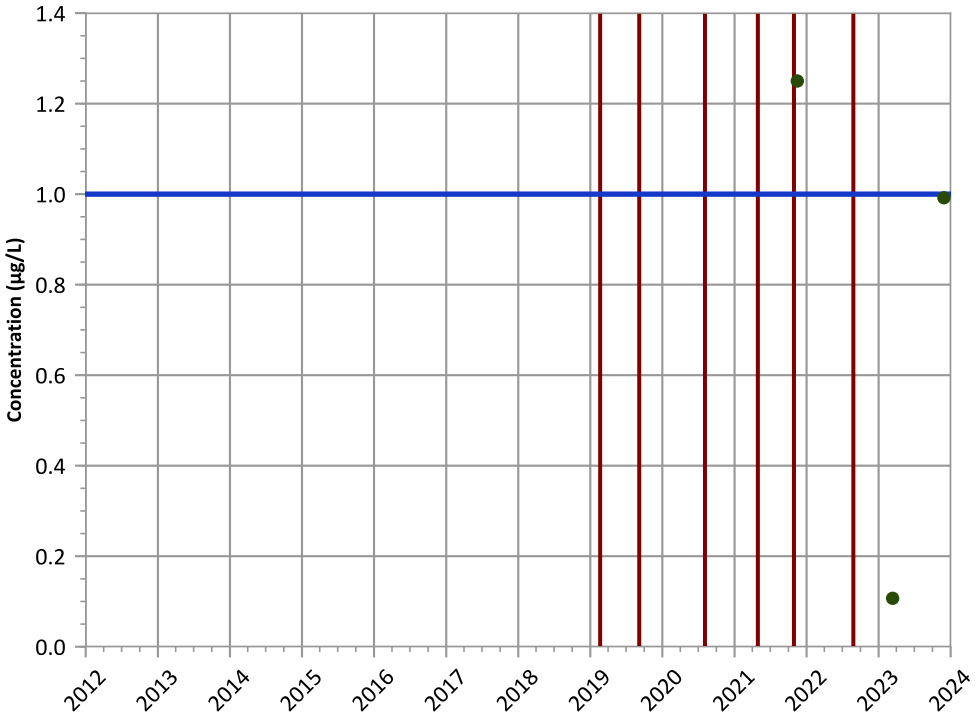


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend

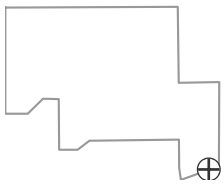


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

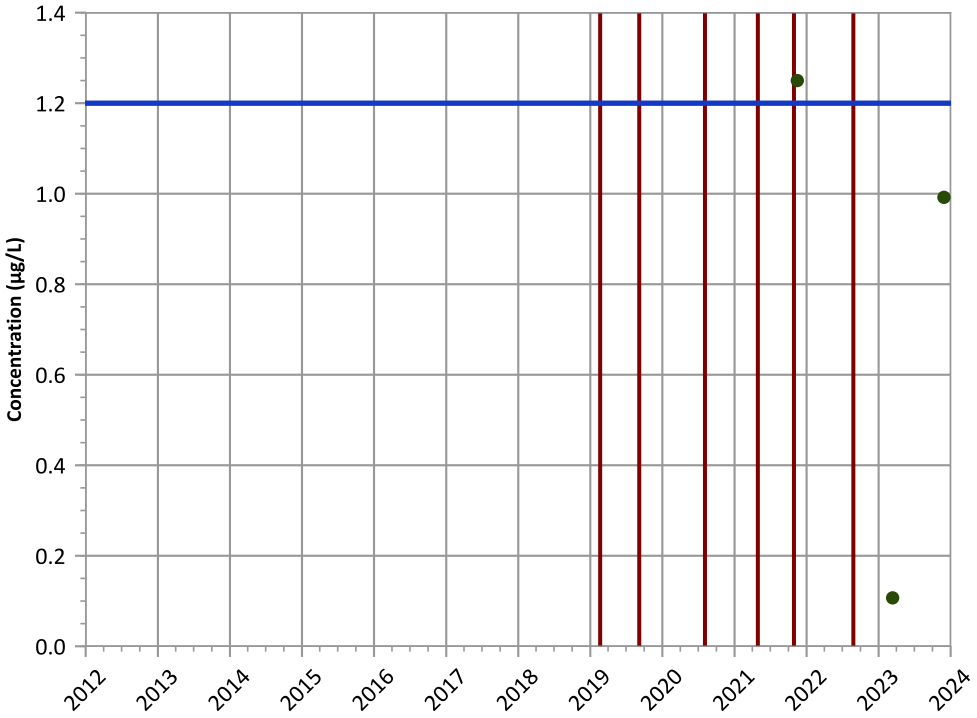


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

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

PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

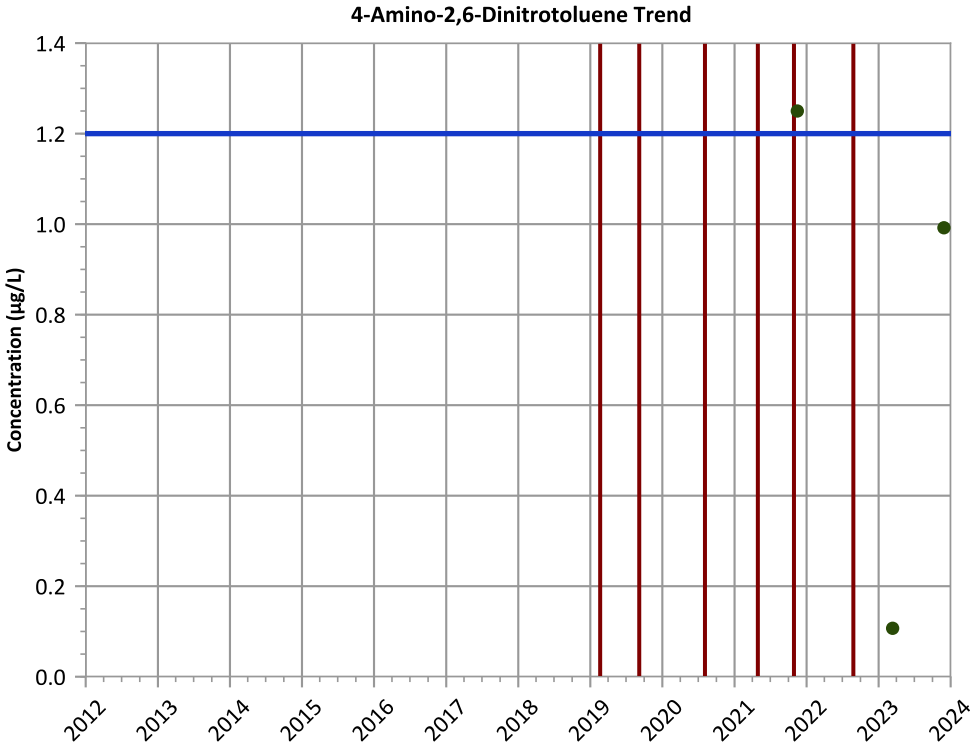


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

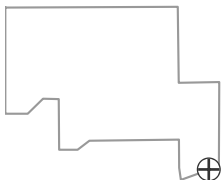
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

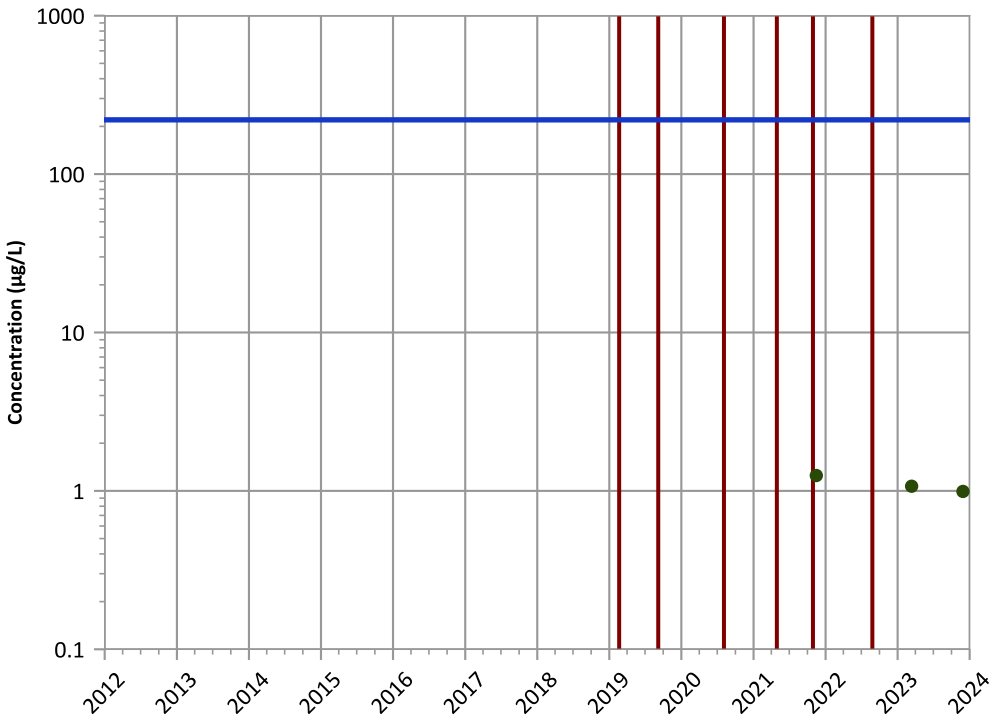
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

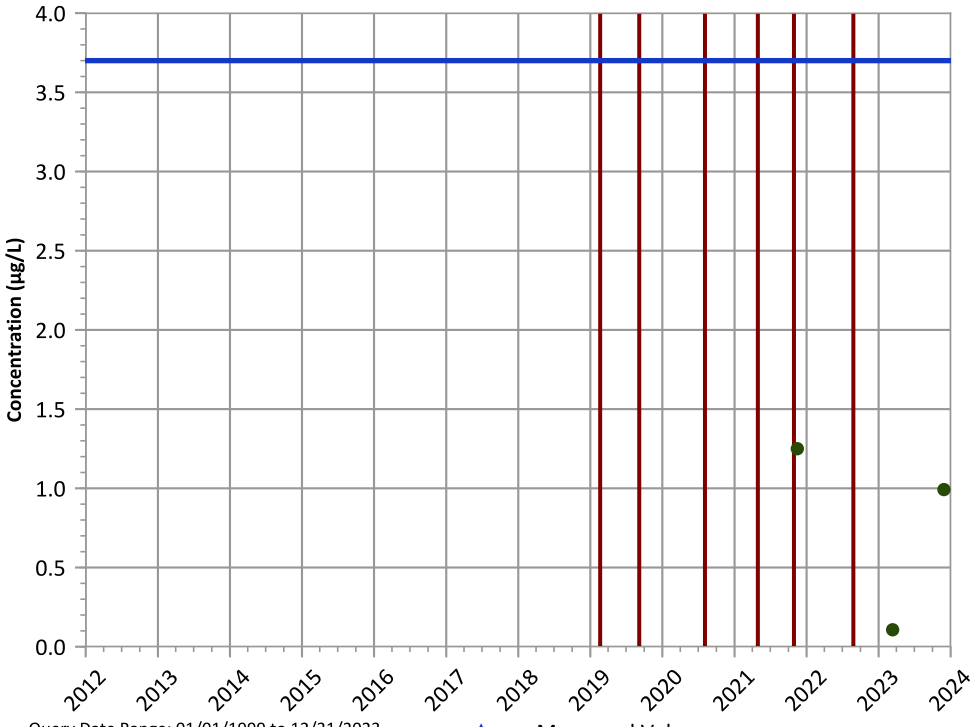


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,3-Dinitrobenzene Trend



Concentration Trend

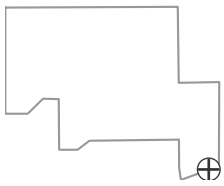
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

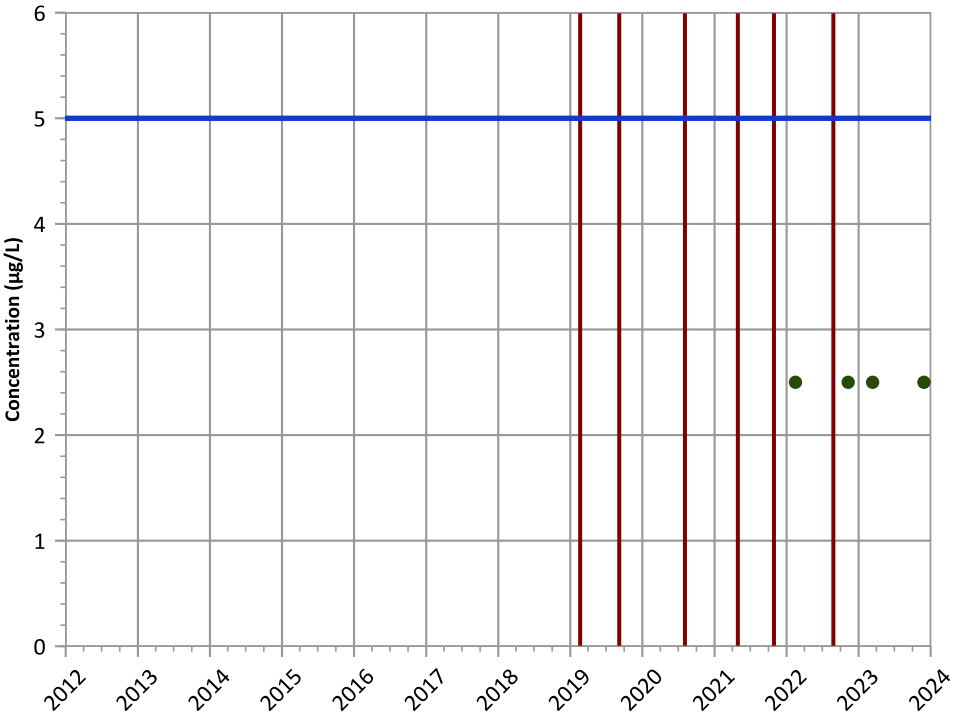
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

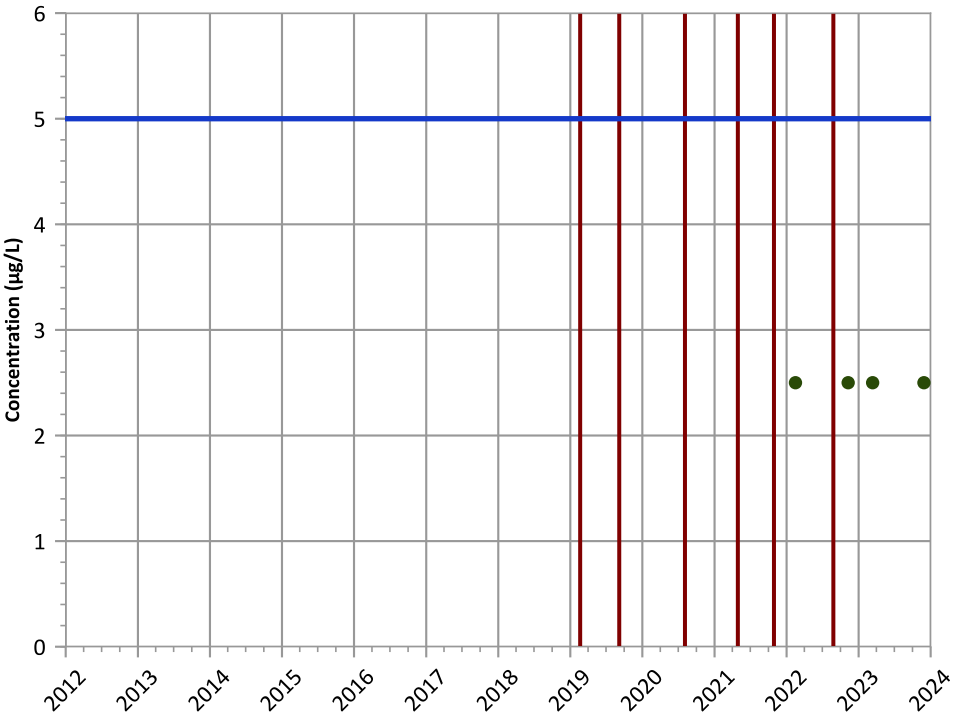


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

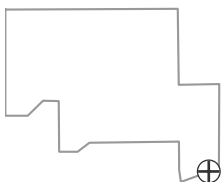
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

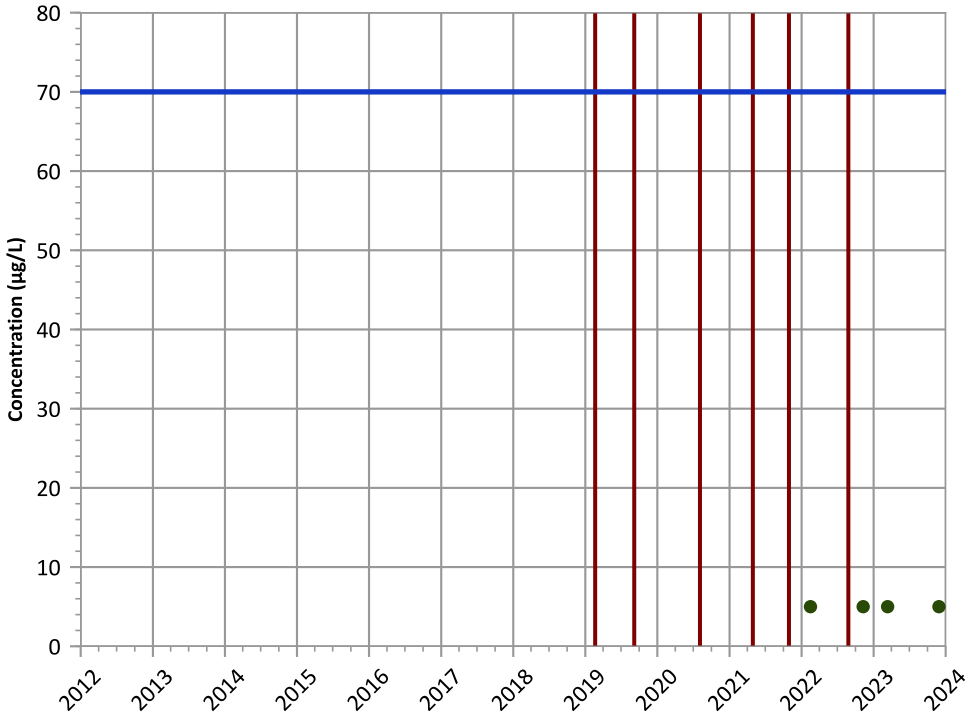
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

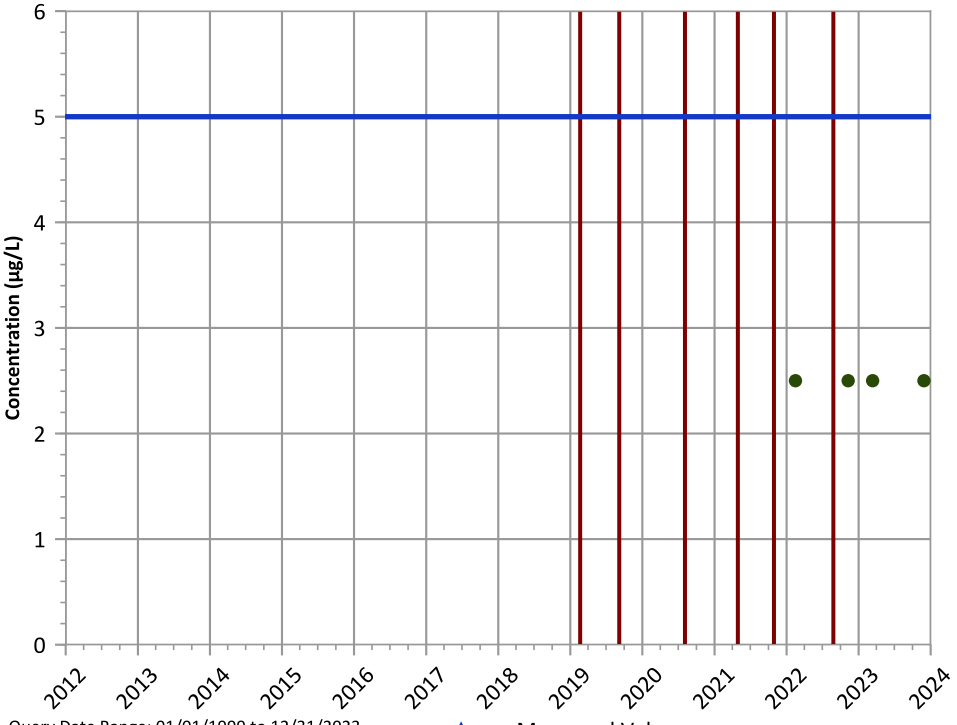


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

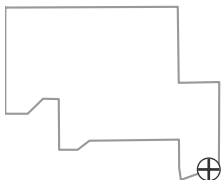
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

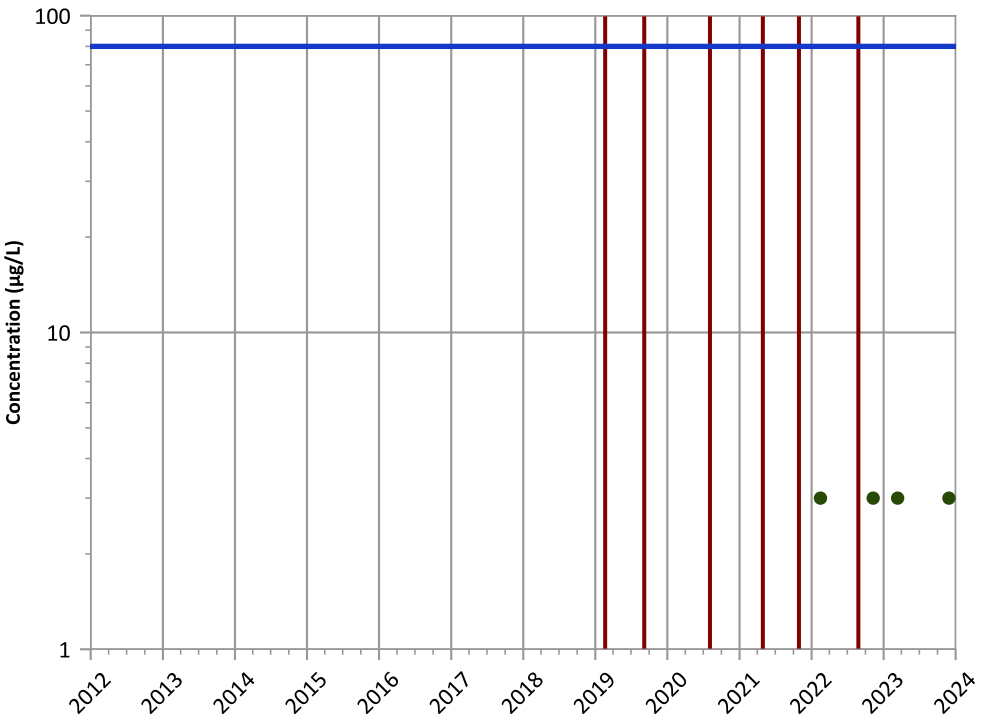
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

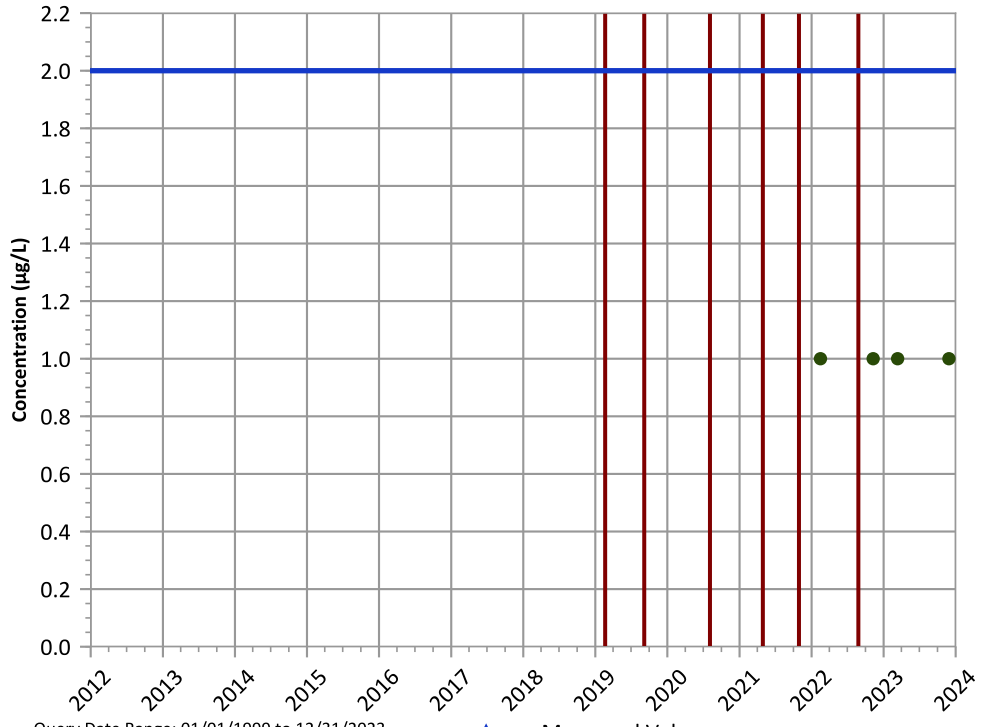


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

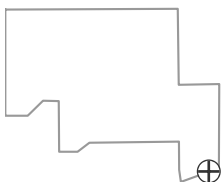
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

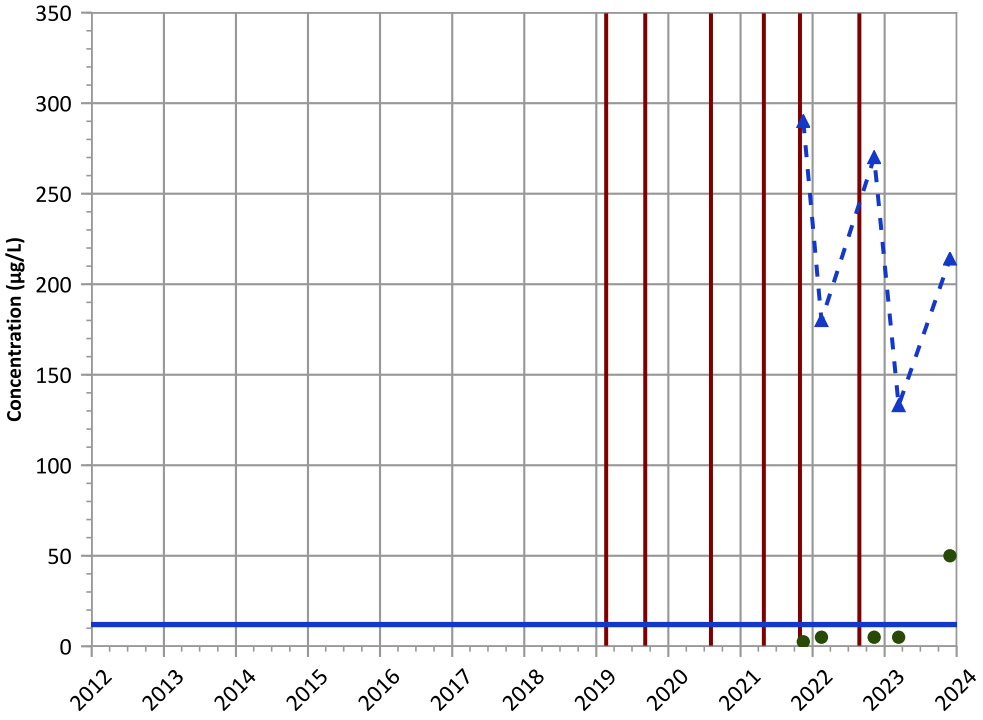
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

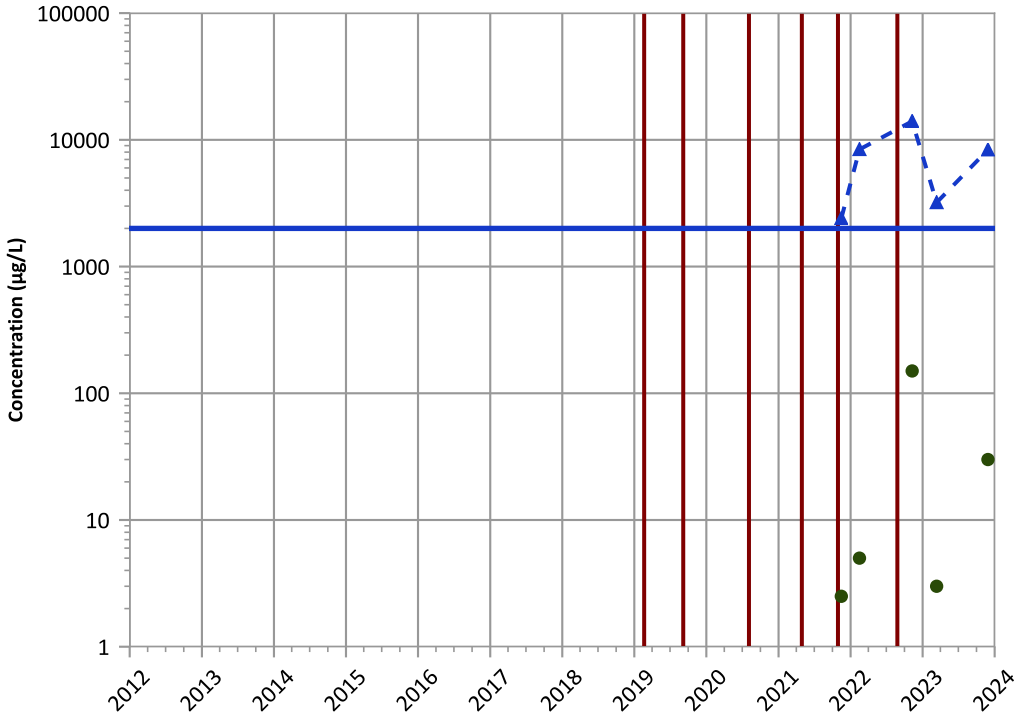


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

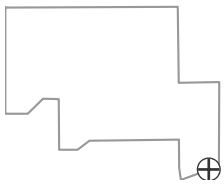
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

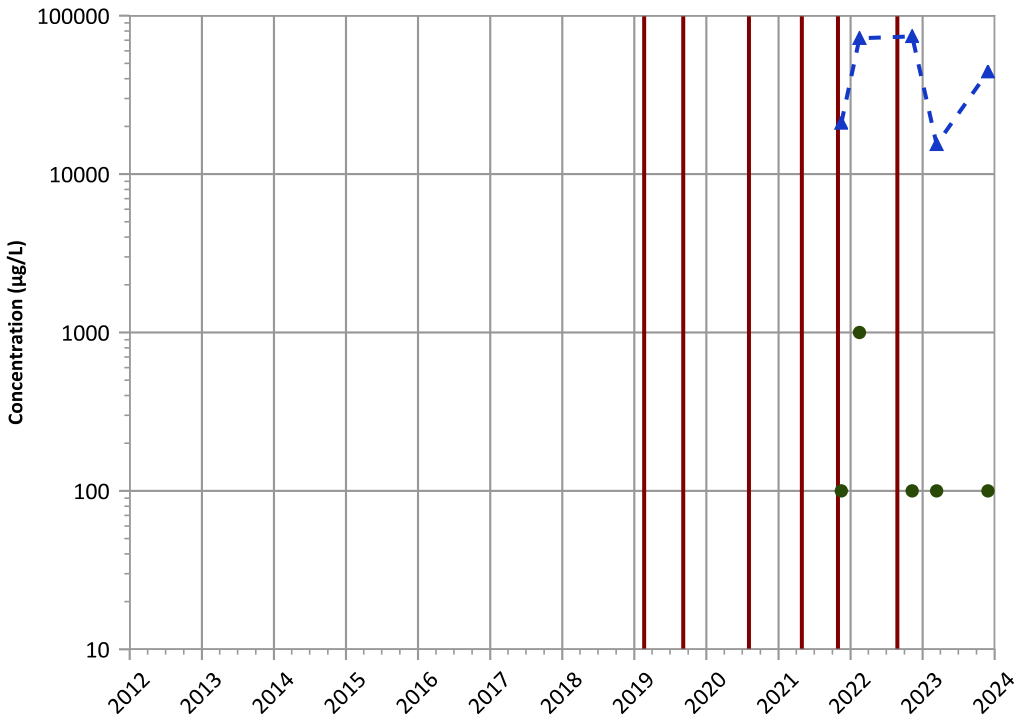
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

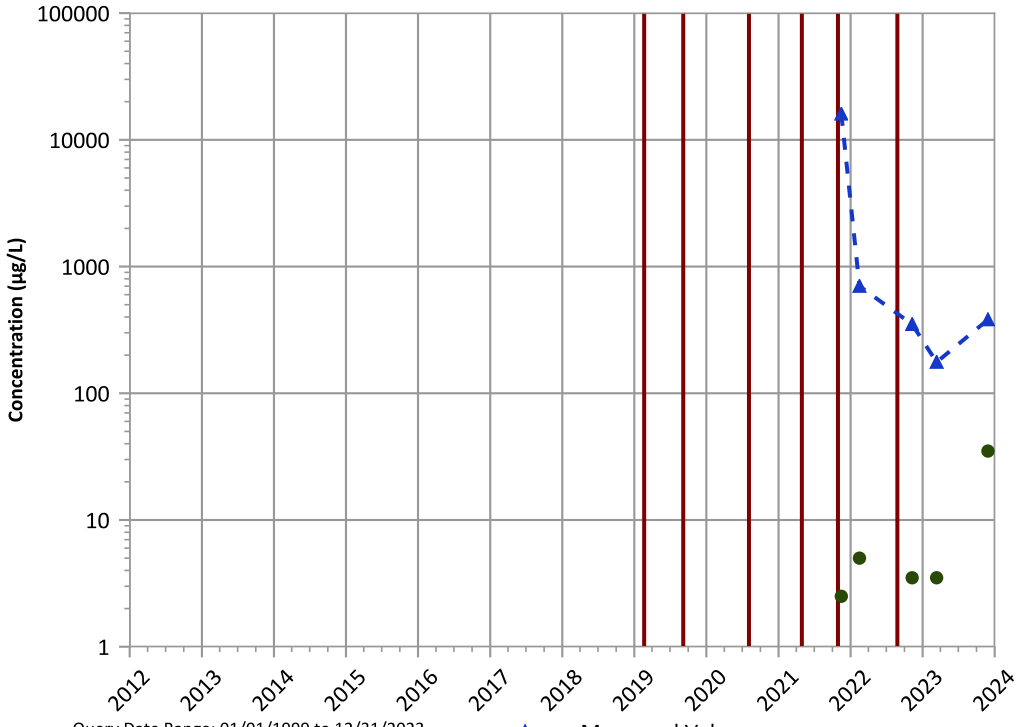
Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Manganese Trend



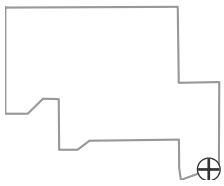
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

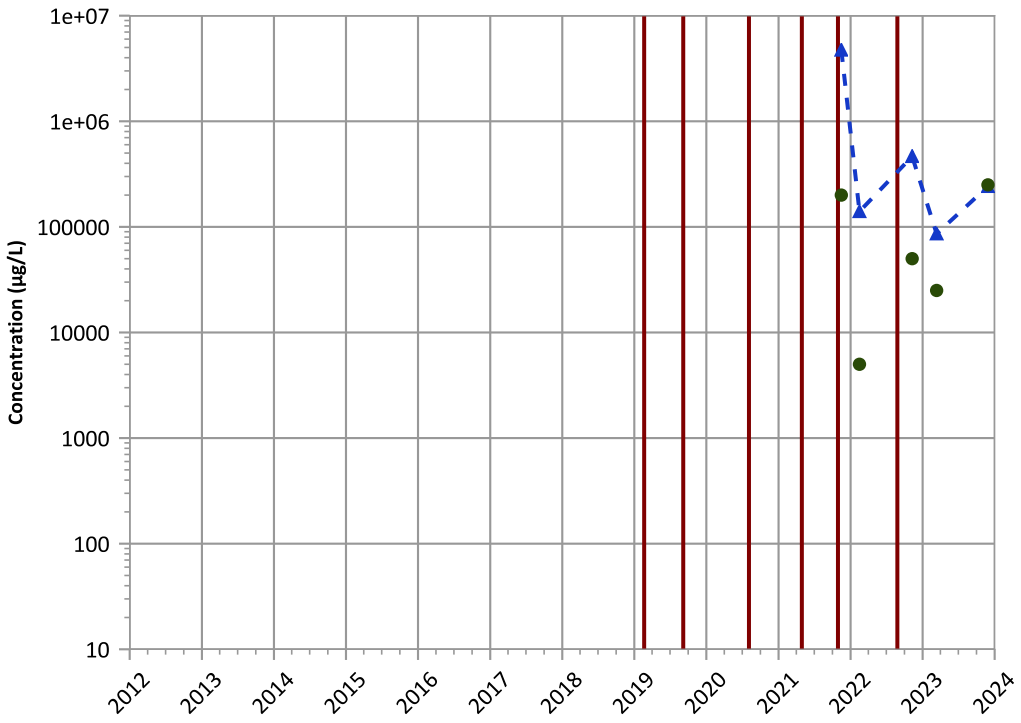
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

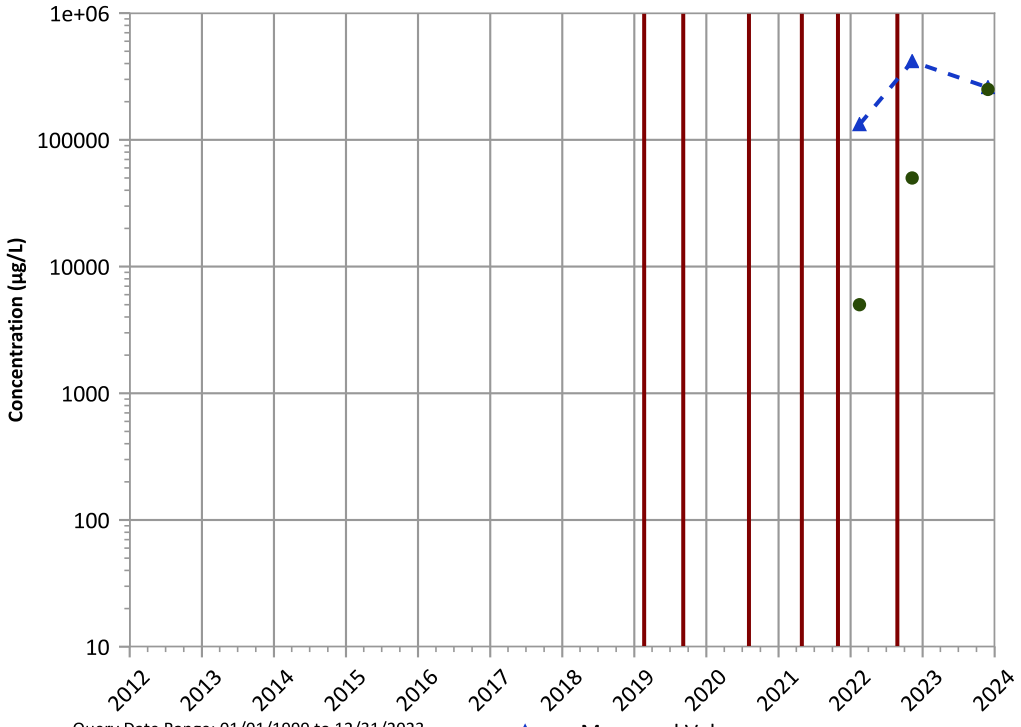


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

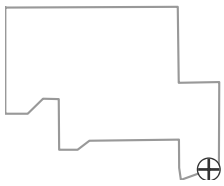
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

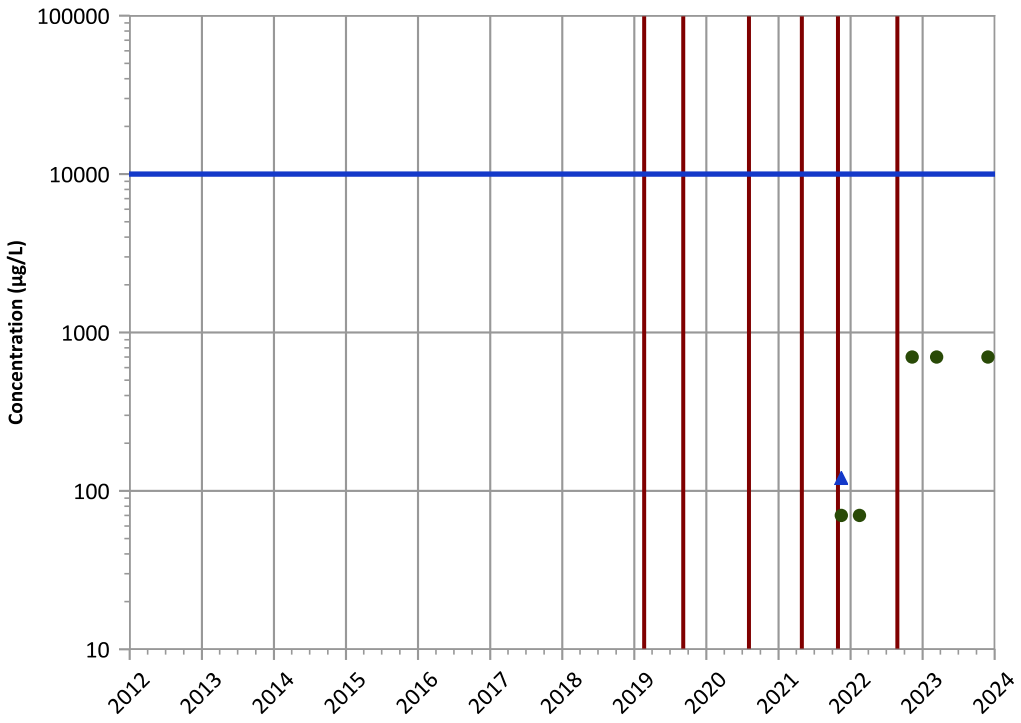
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

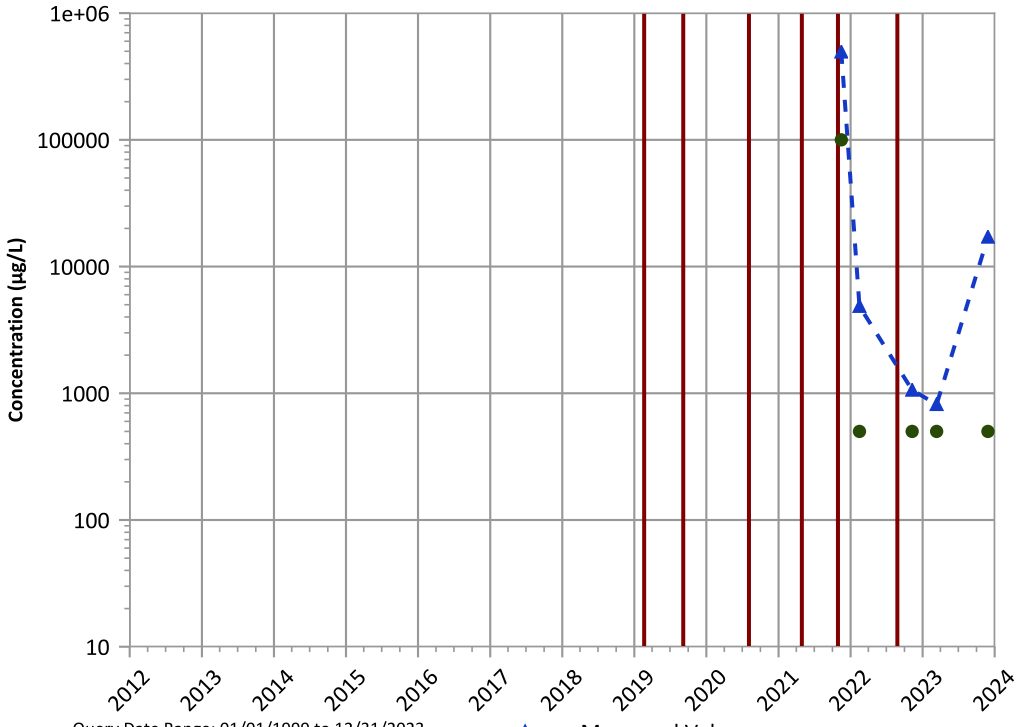


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend

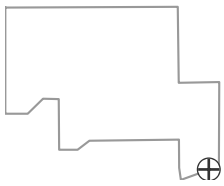


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

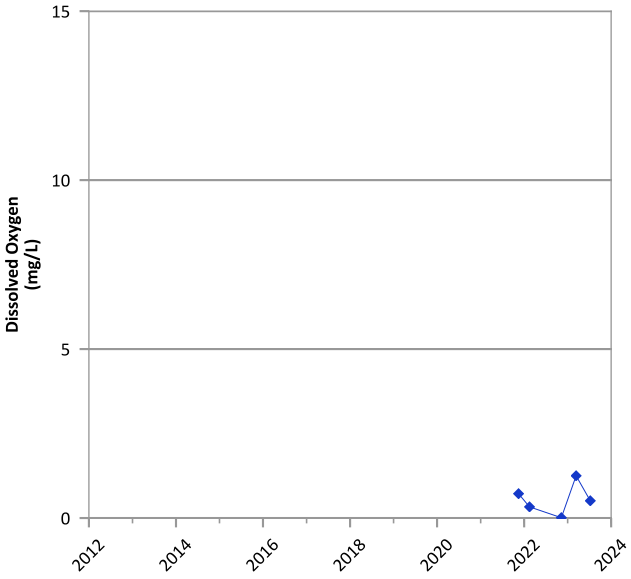
Well Location

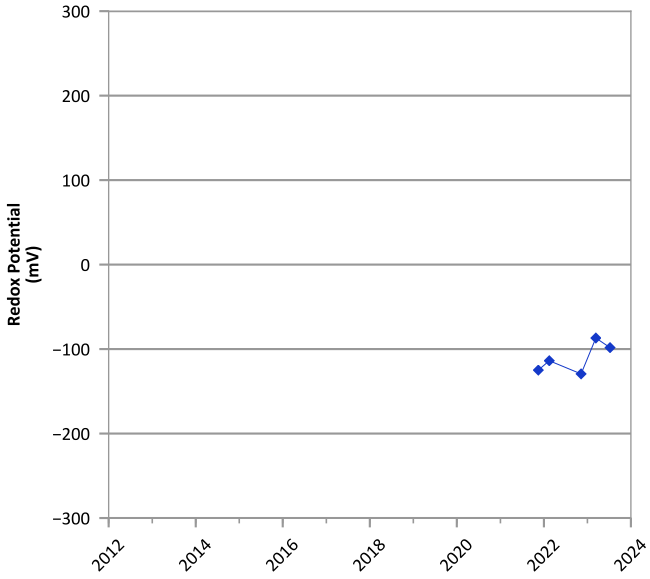


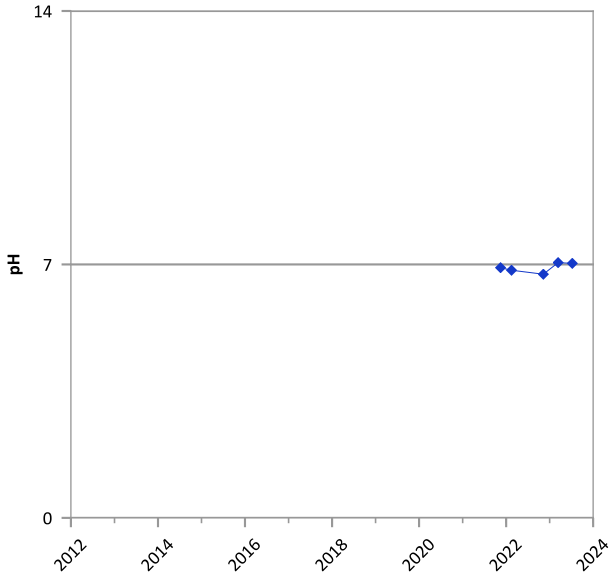
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 11/28/2023
Analysis Date: 04/01/2024

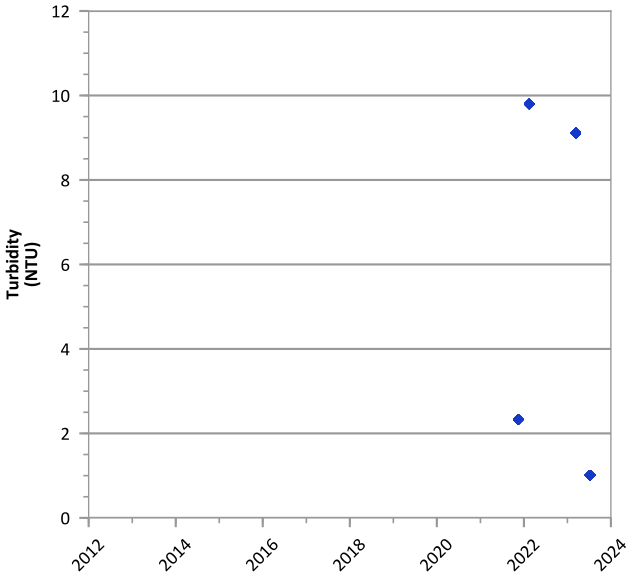
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

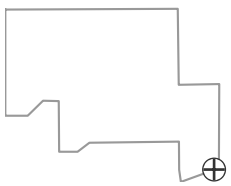






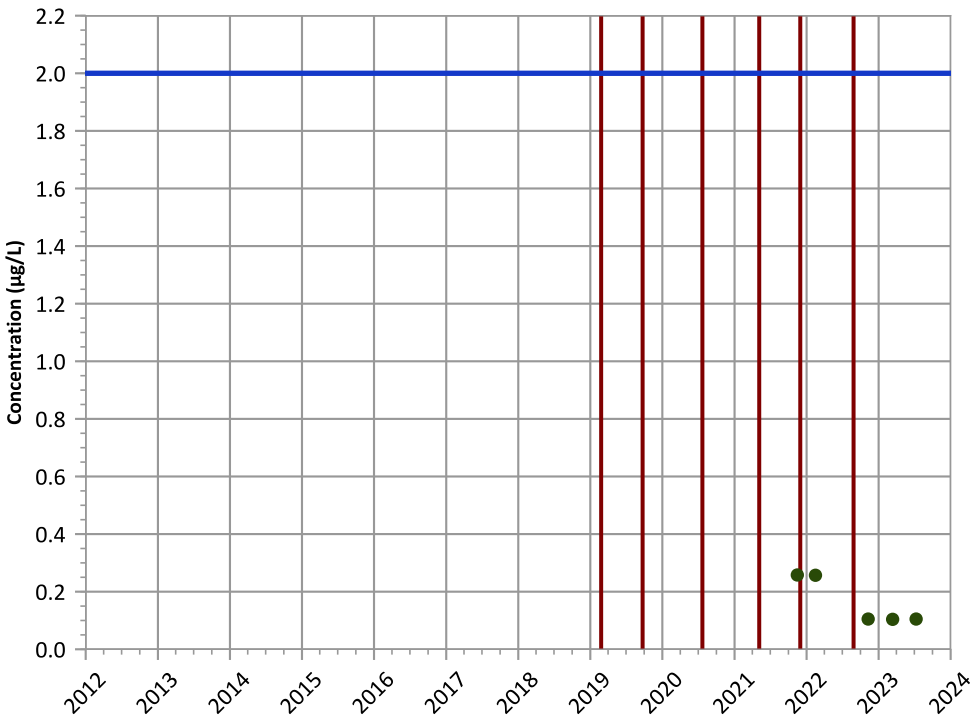


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

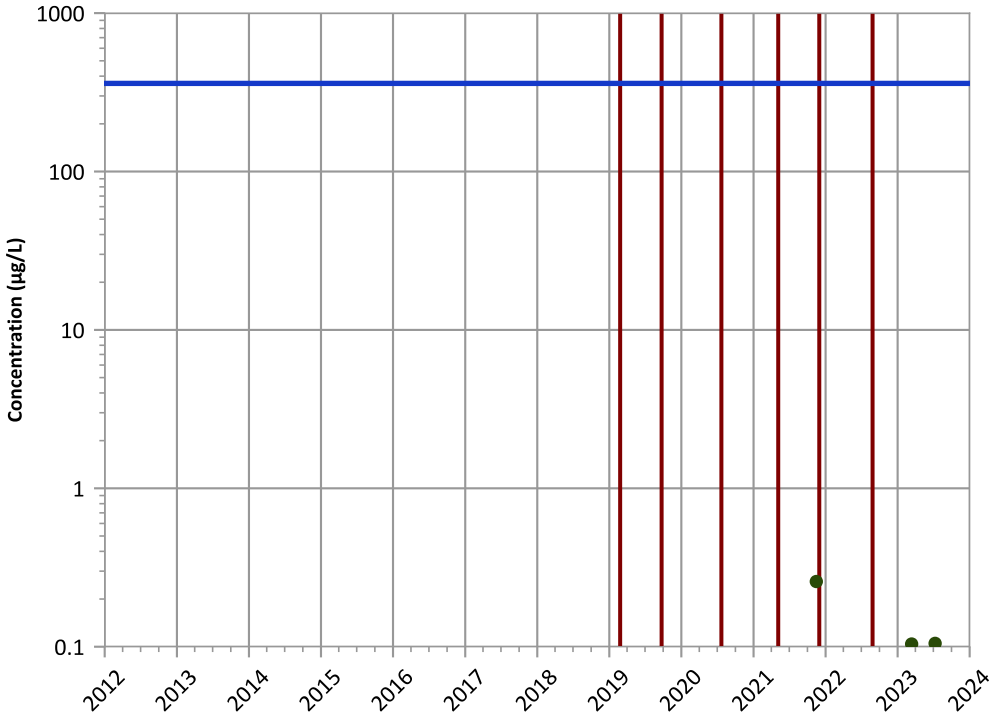


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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

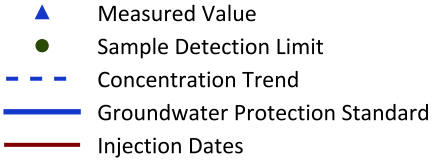


Concentration Trend

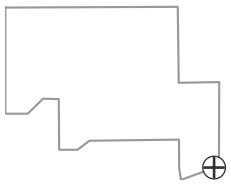
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

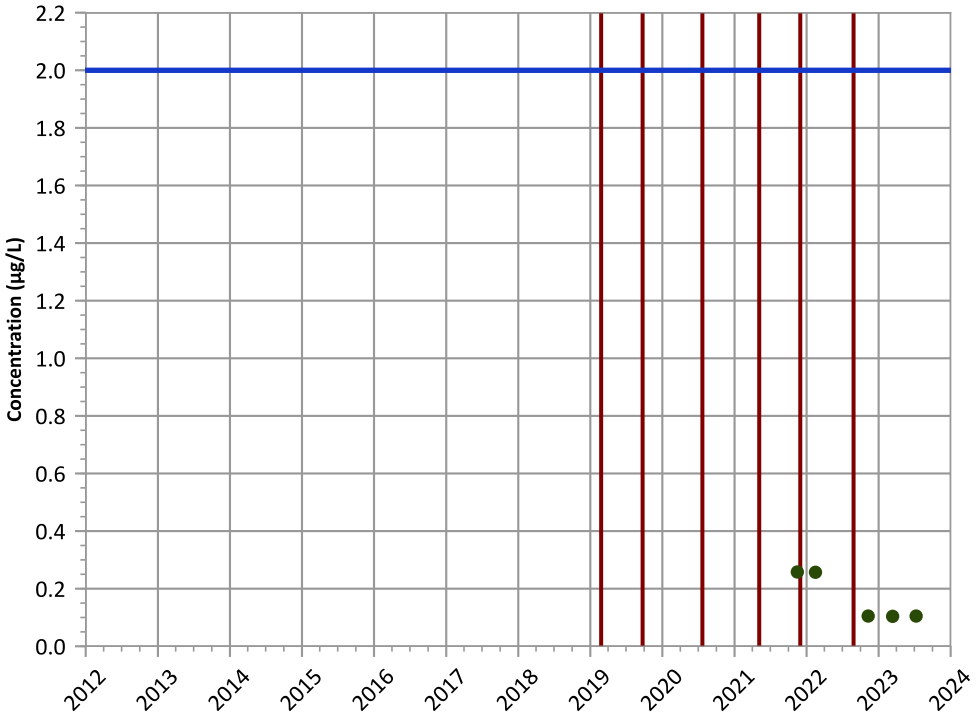


Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

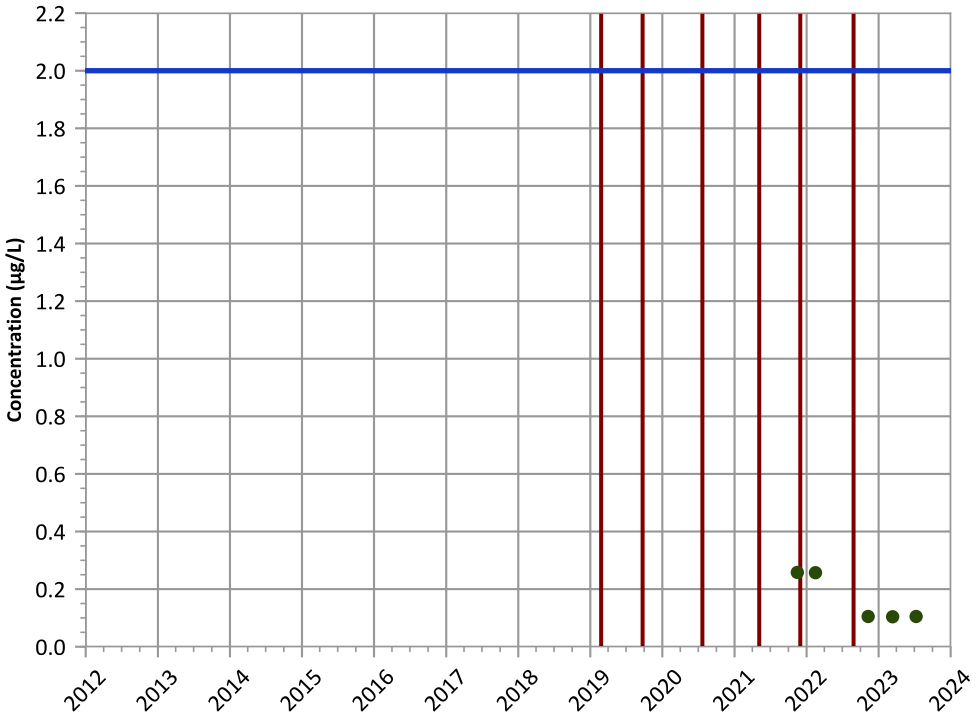


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

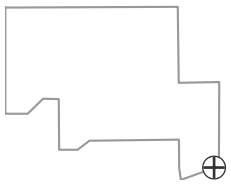
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

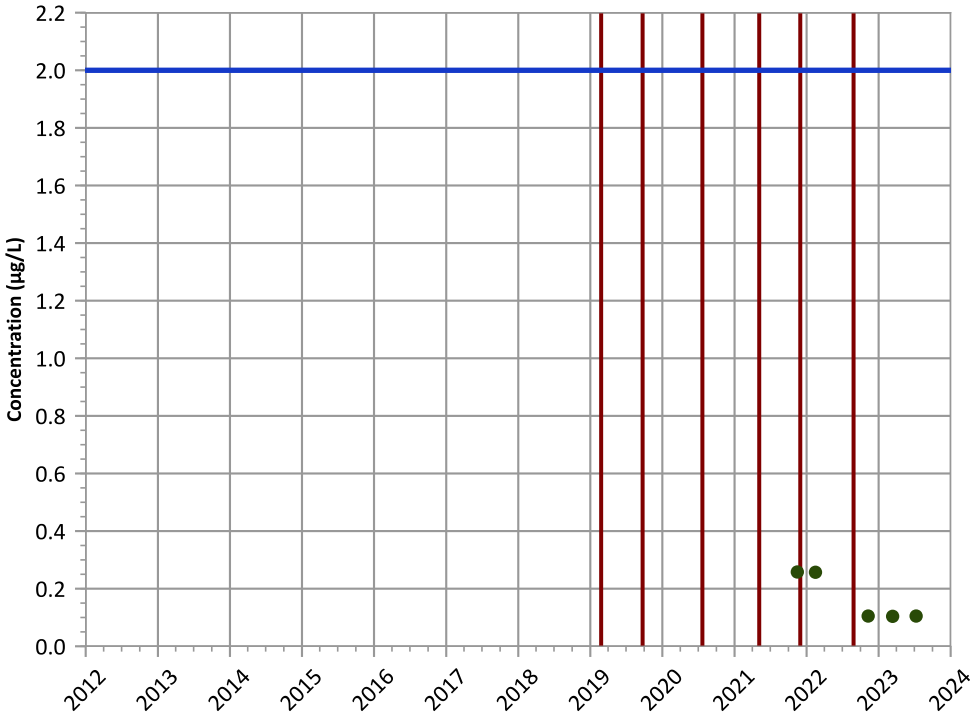
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

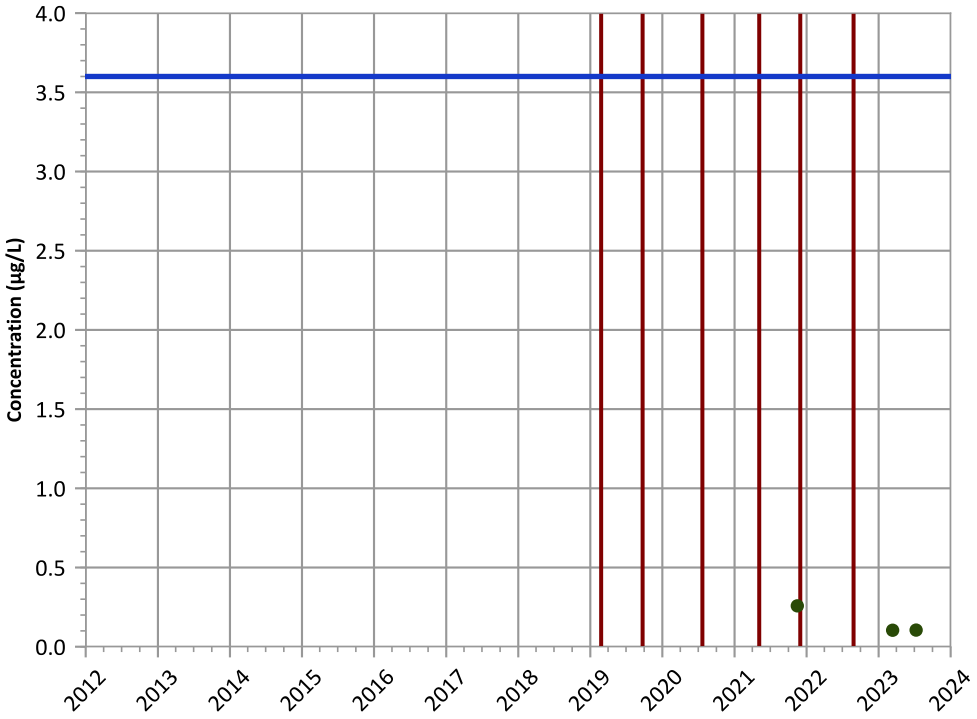


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

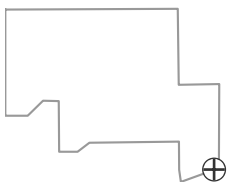
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

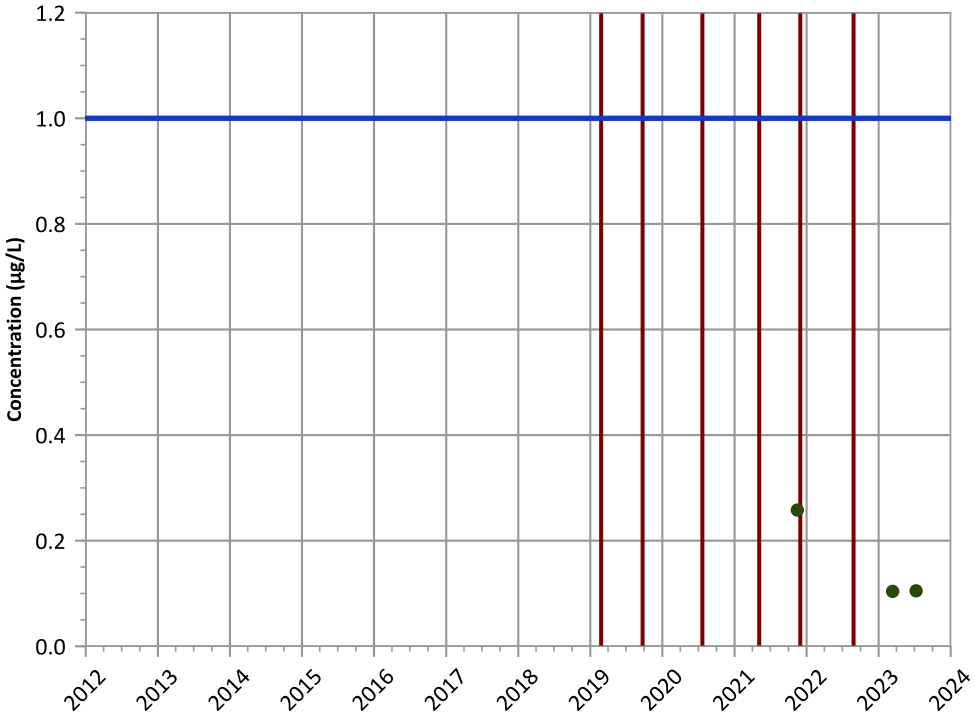
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

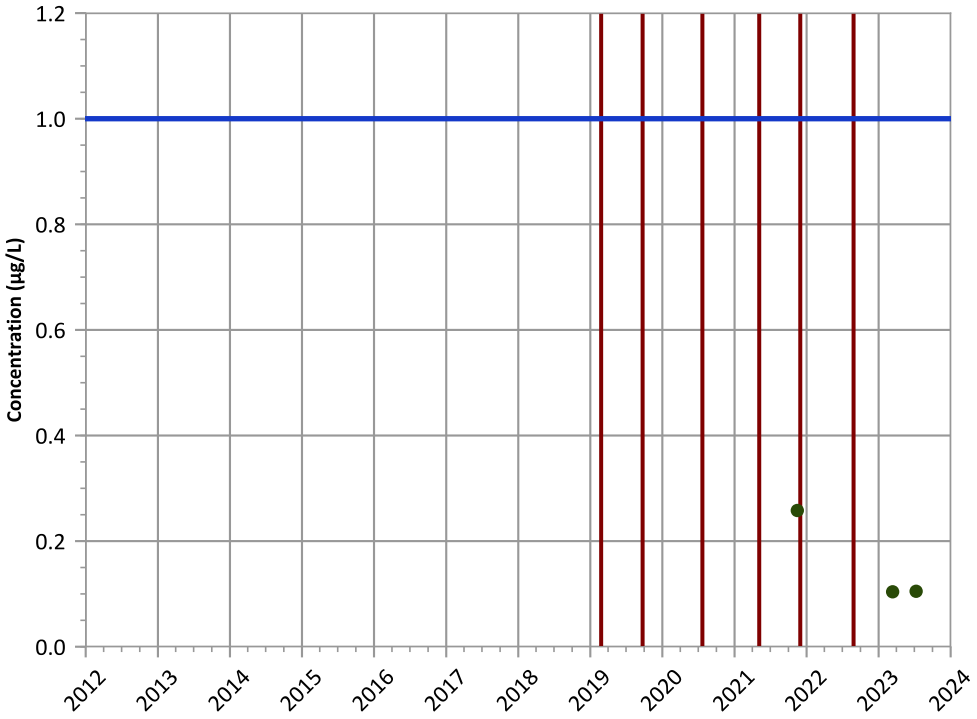


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend



Concentration Trend

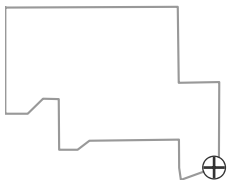
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

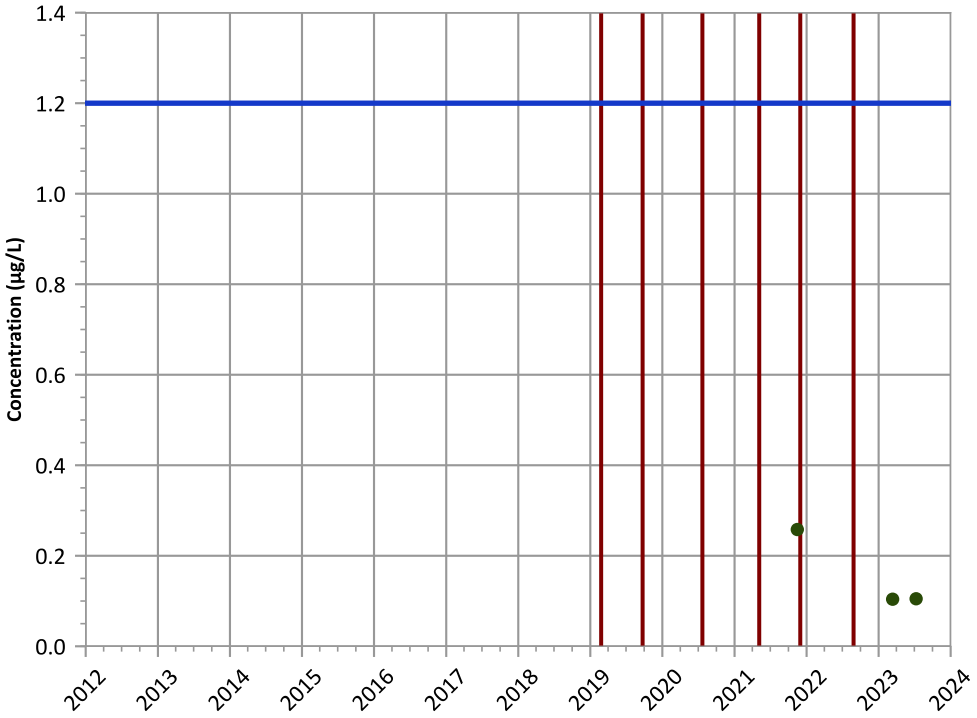
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

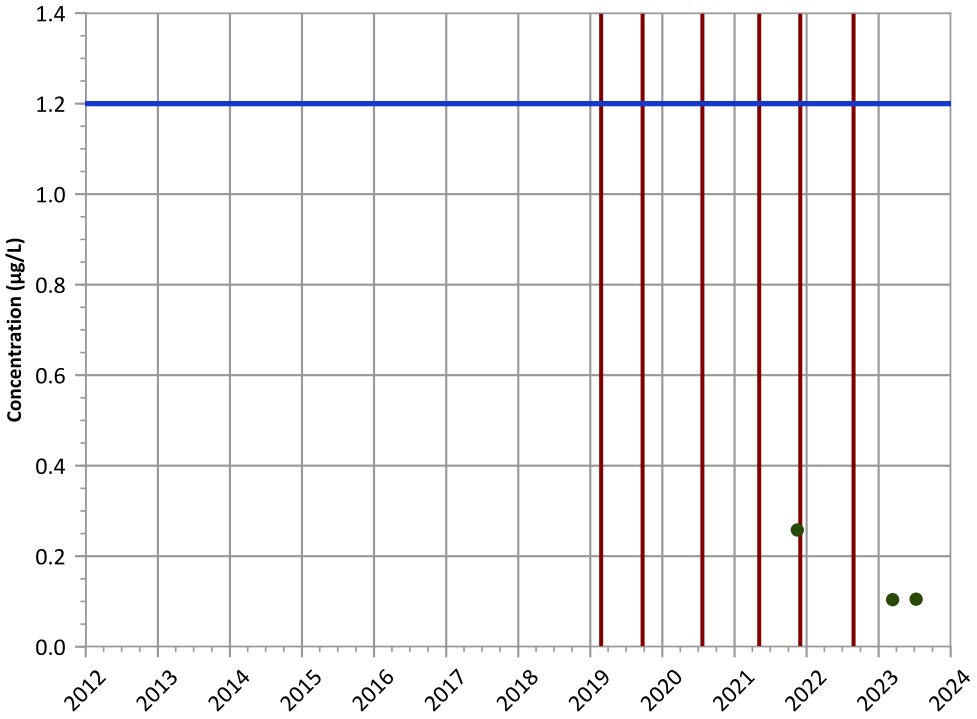


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

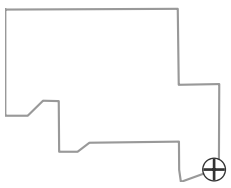
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

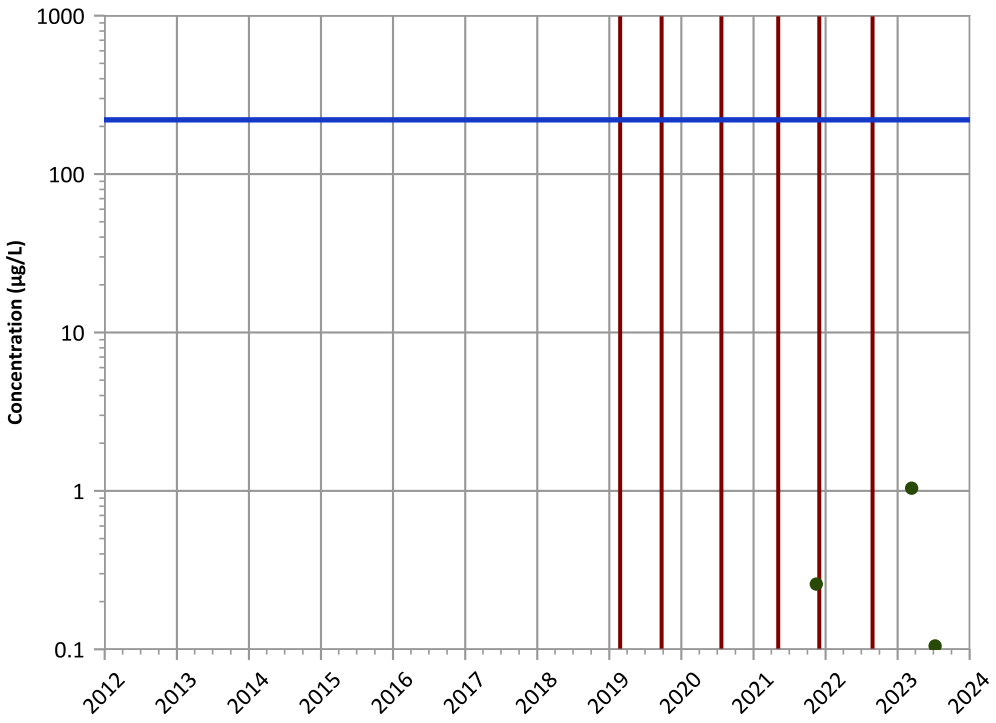
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

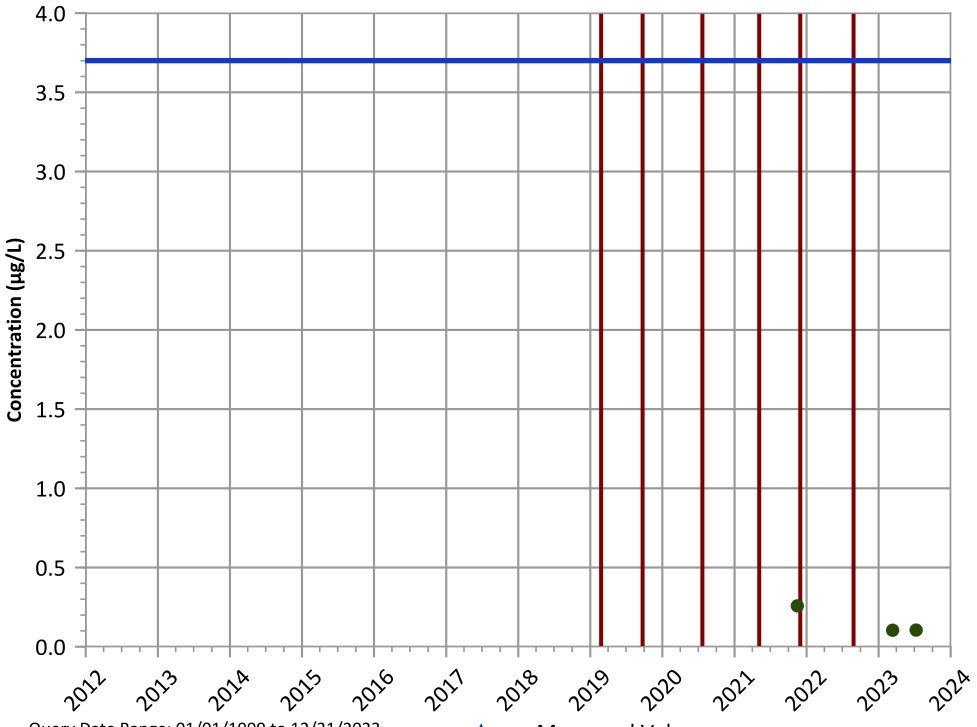


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,3-Dinitrobenzene Trend



Concentration Trend

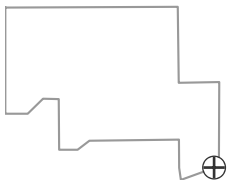
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

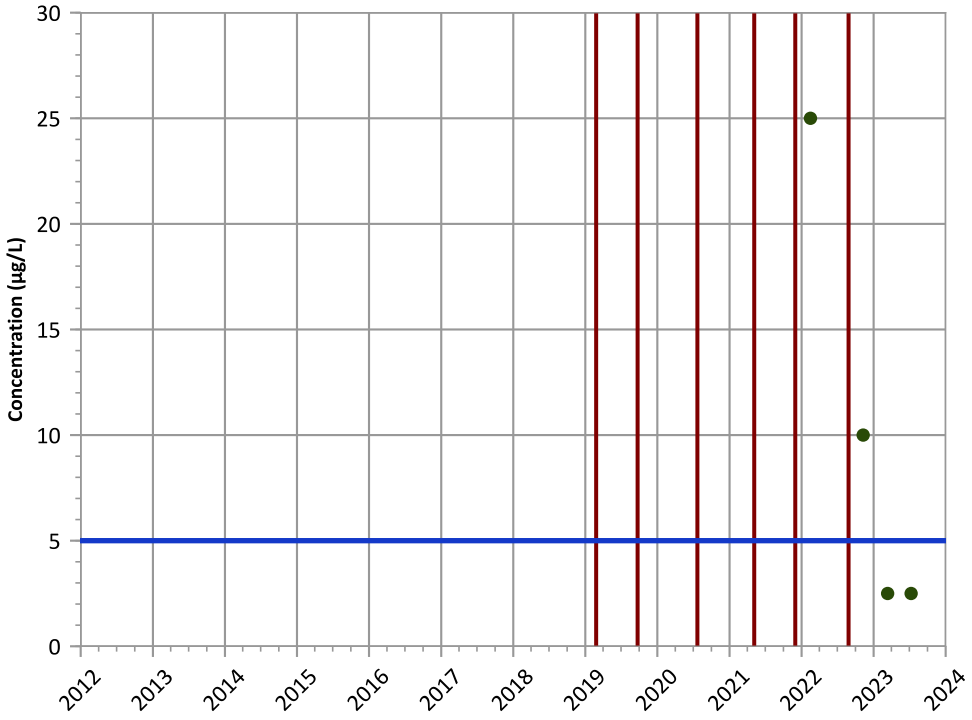
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

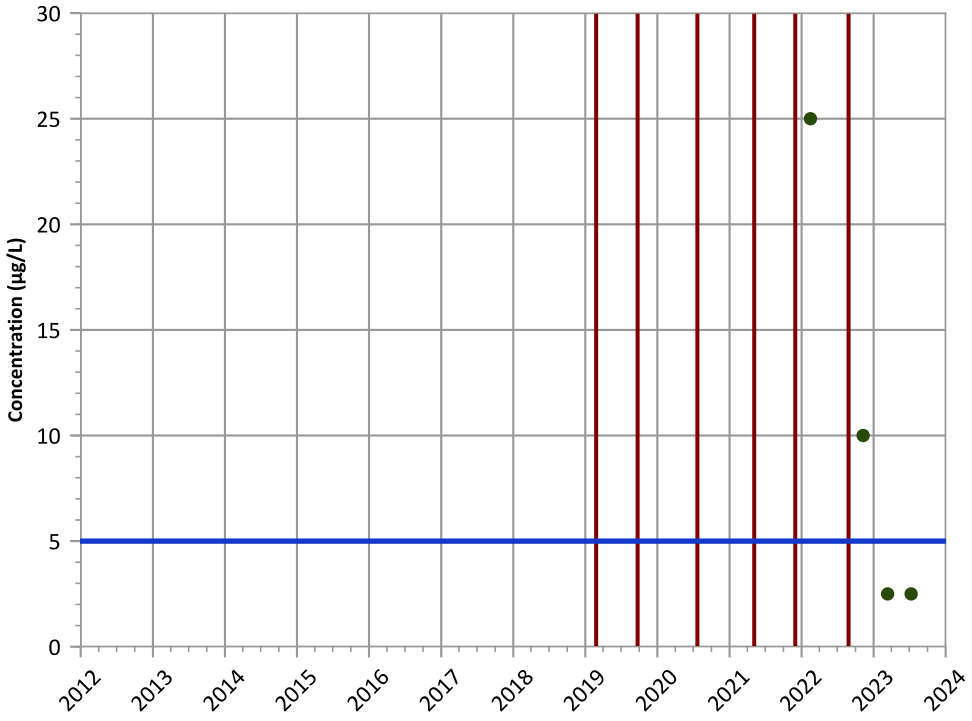


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

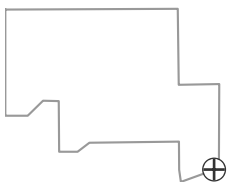
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

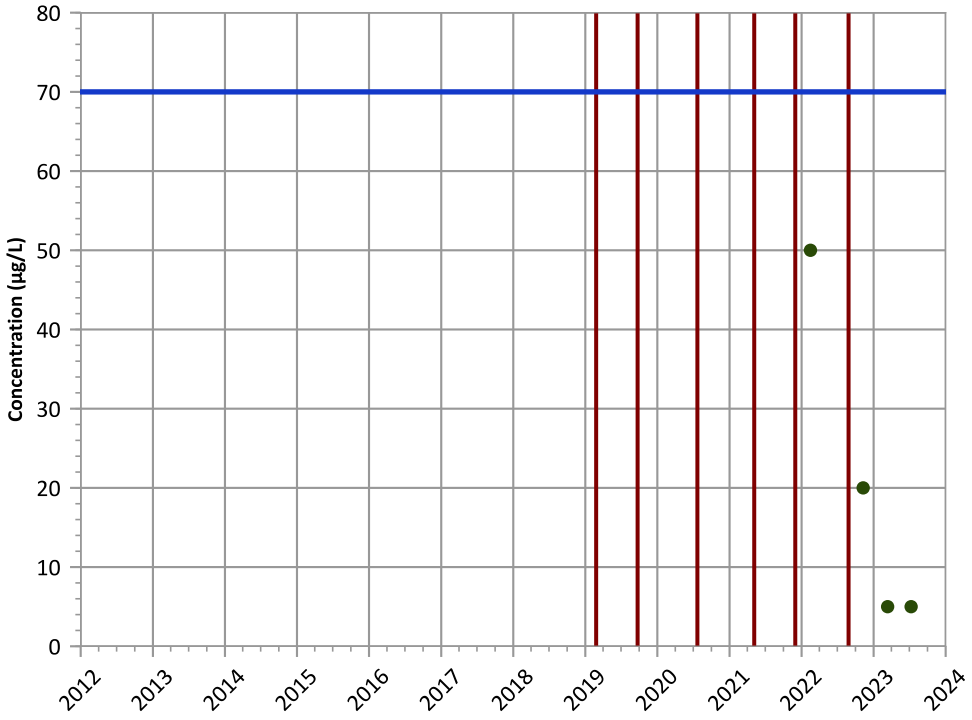
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

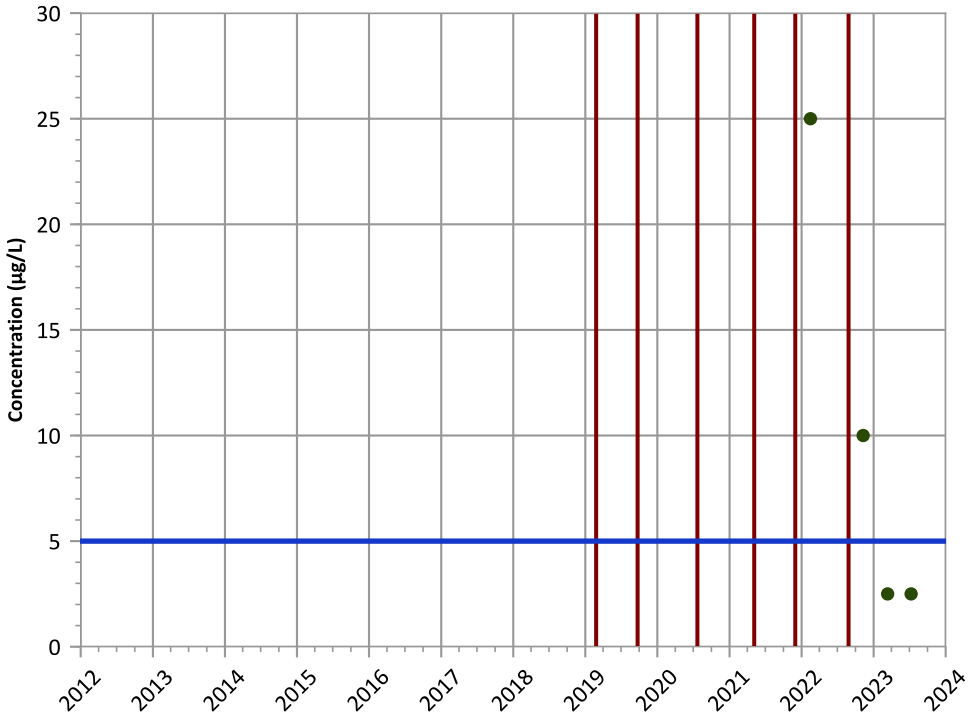


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

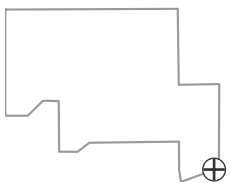
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

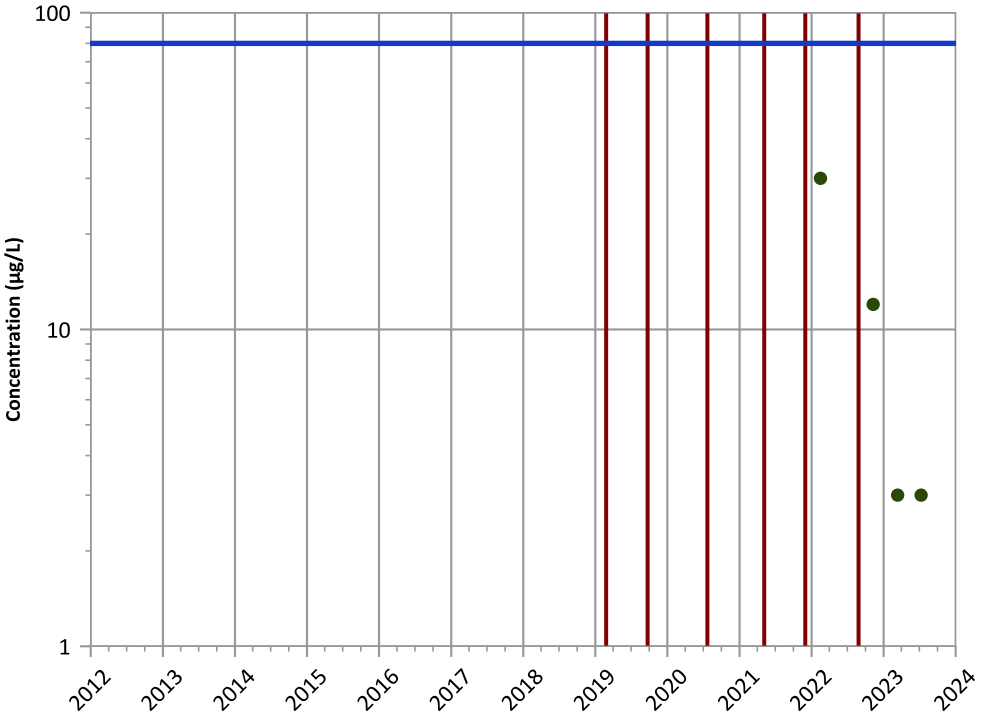
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

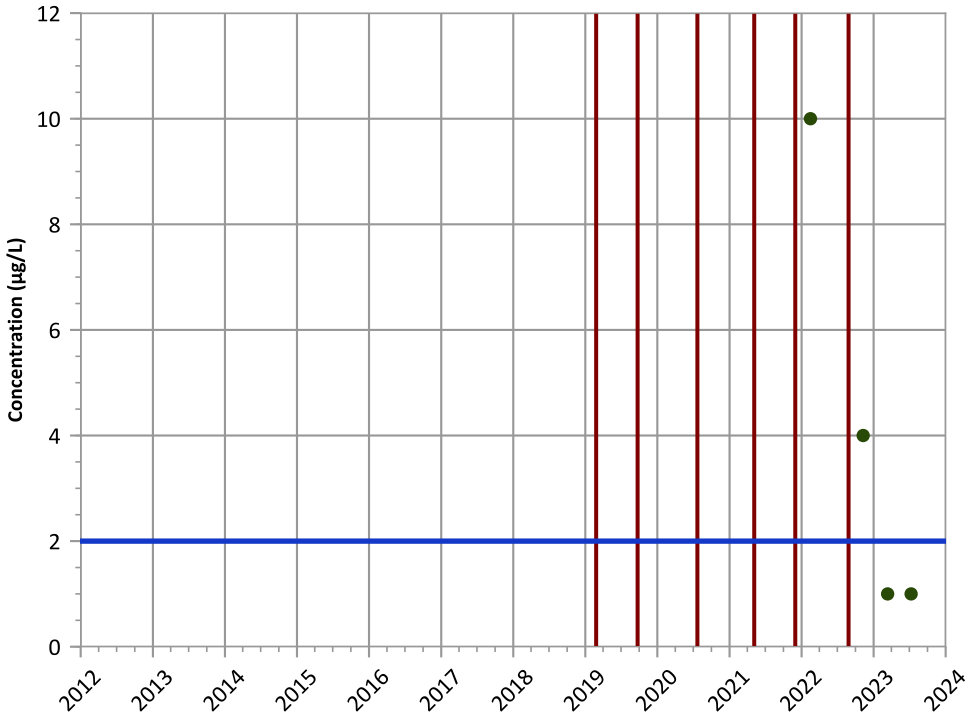


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

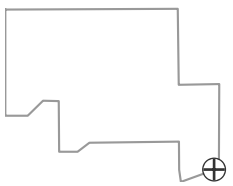
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

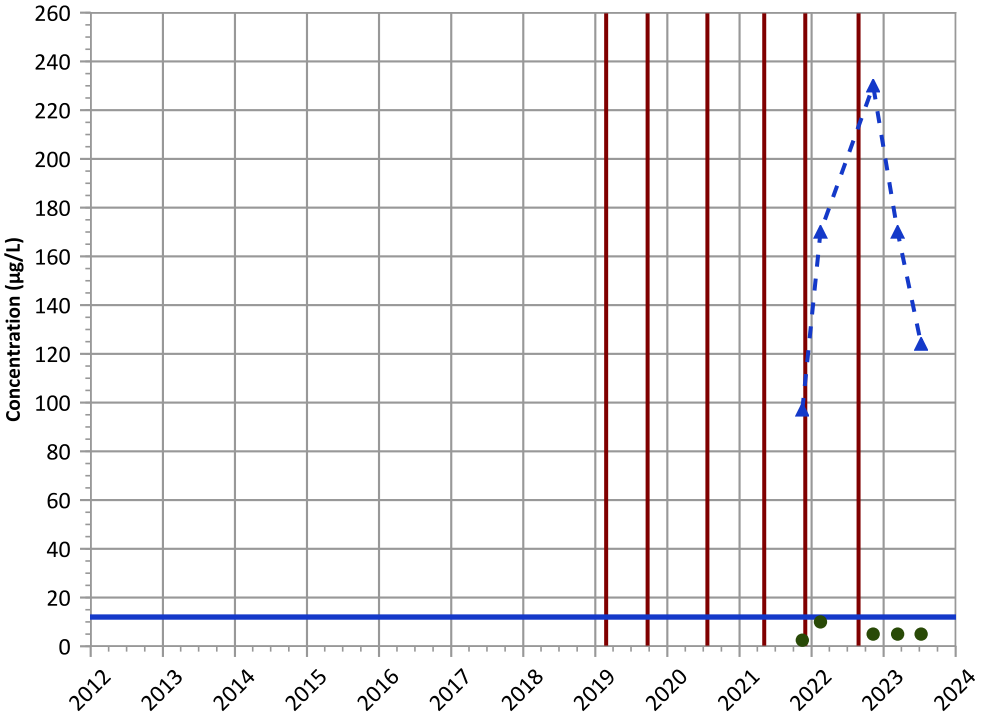
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

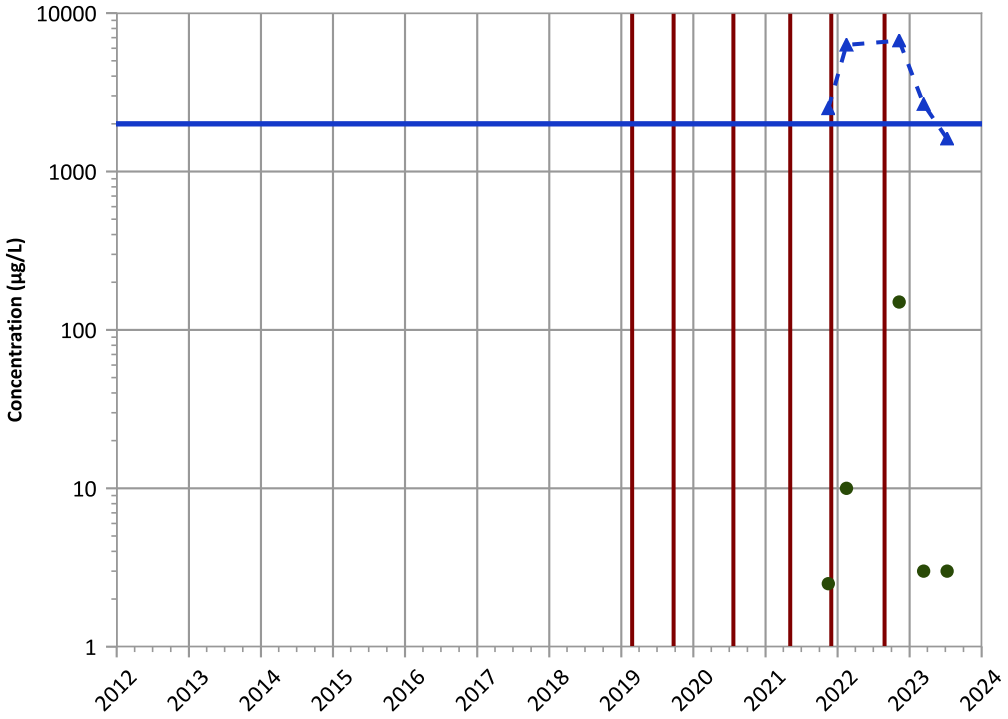


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

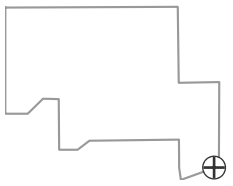
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

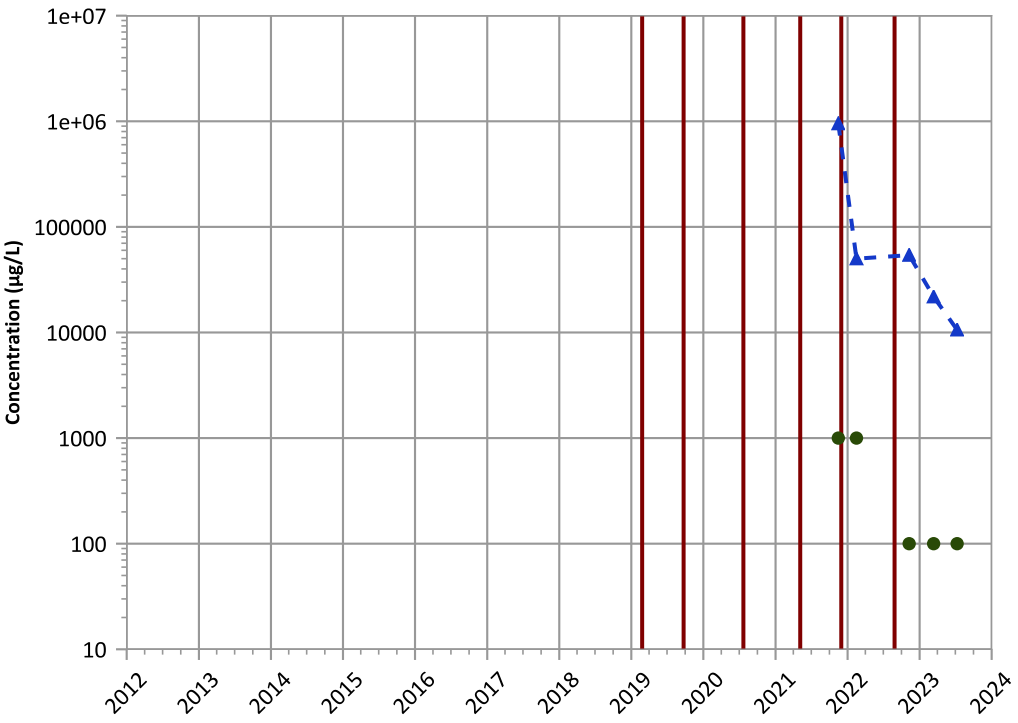
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

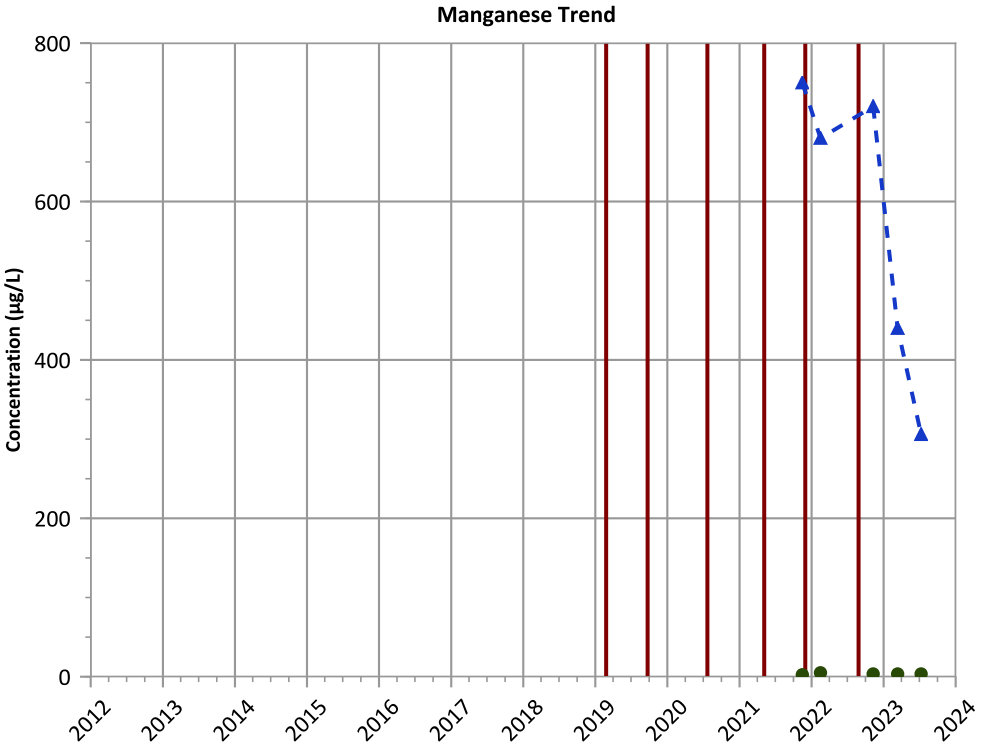


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

Manganese Trend



Concentration Trend

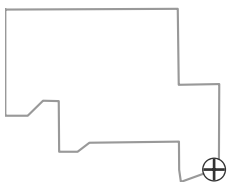
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

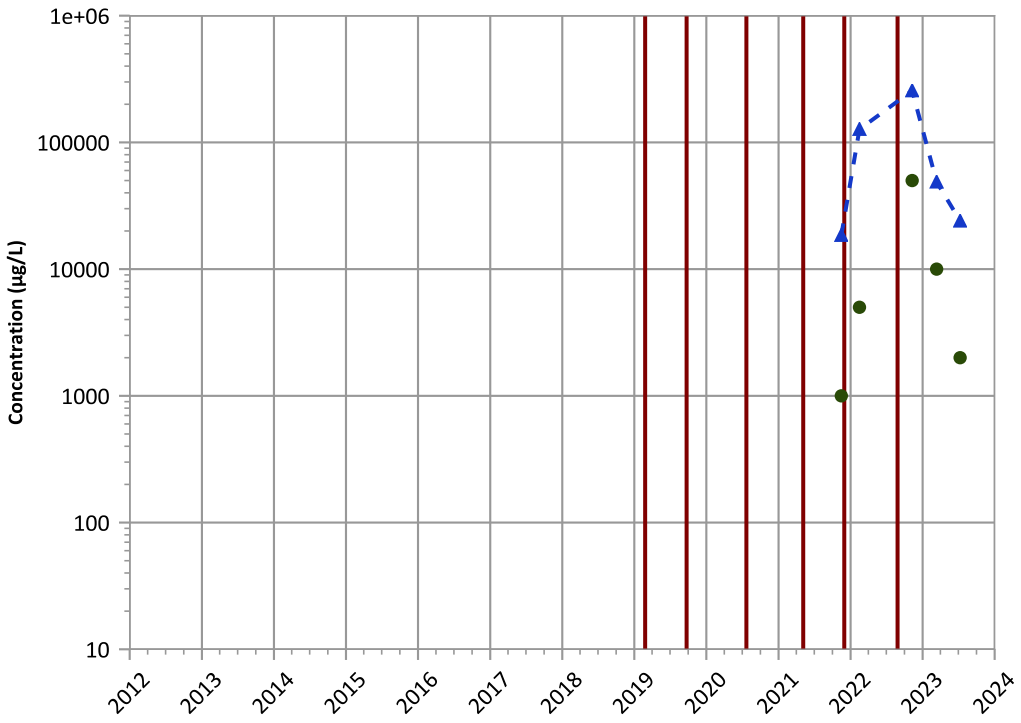
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

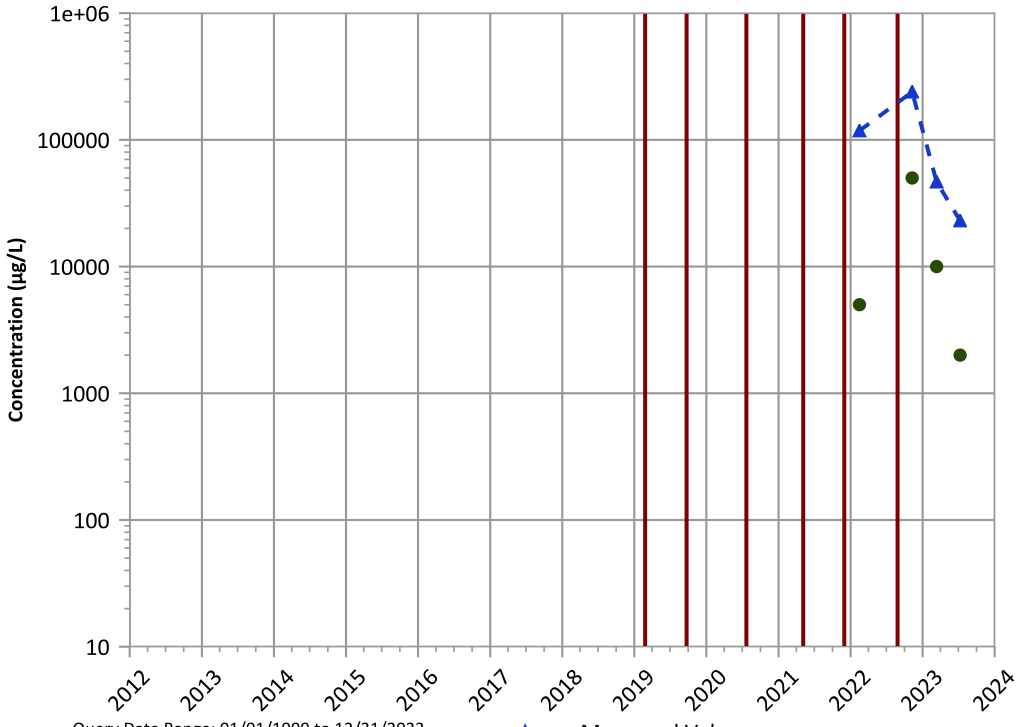


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

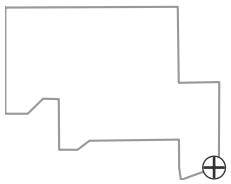
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

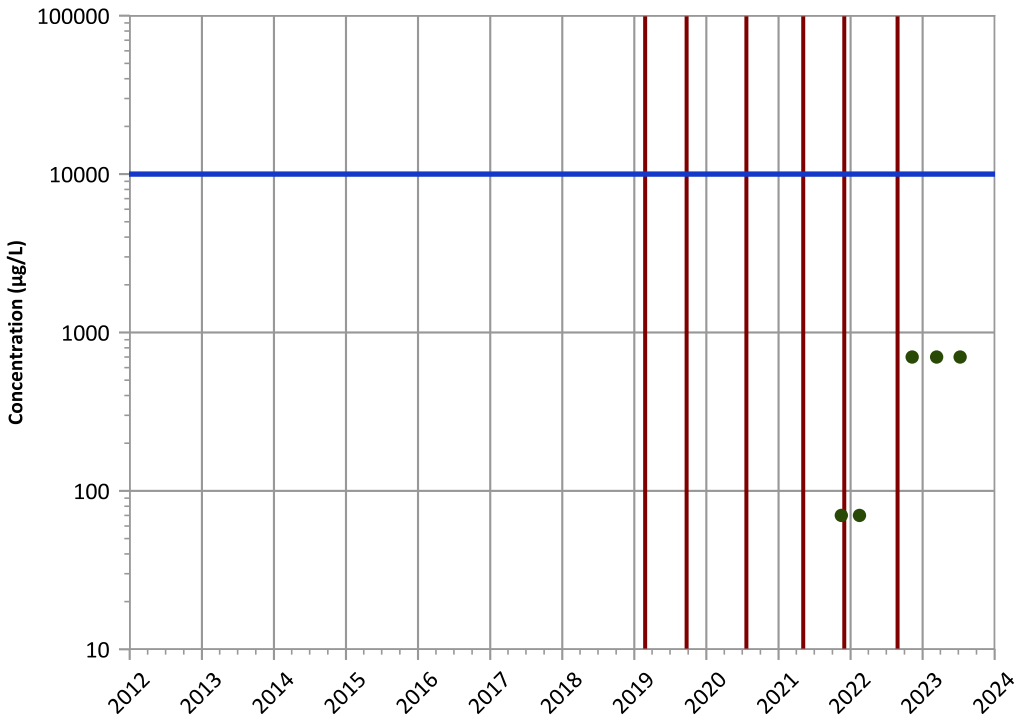
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

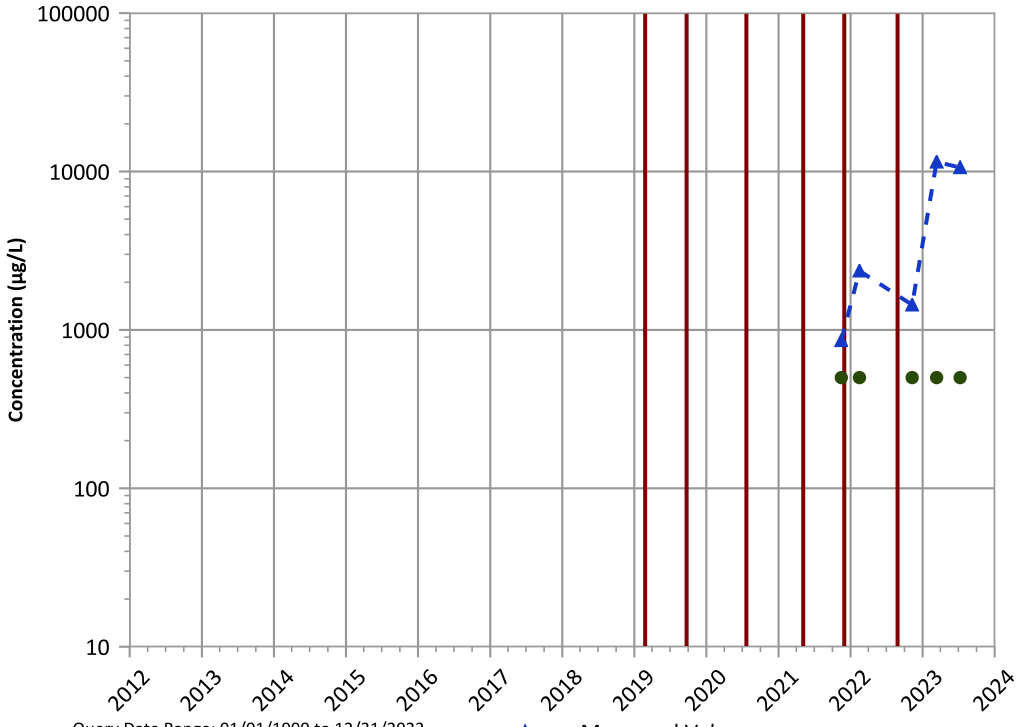


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

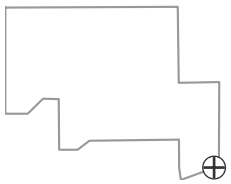
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

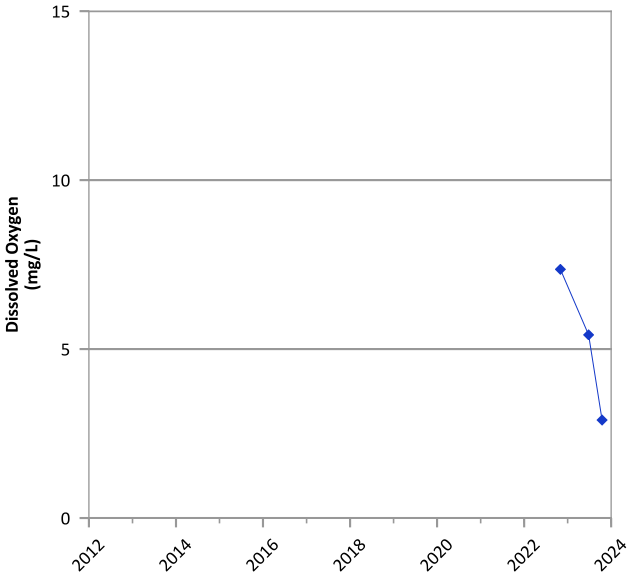
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 07/10/2023
Analysis Date: 04/01/2024

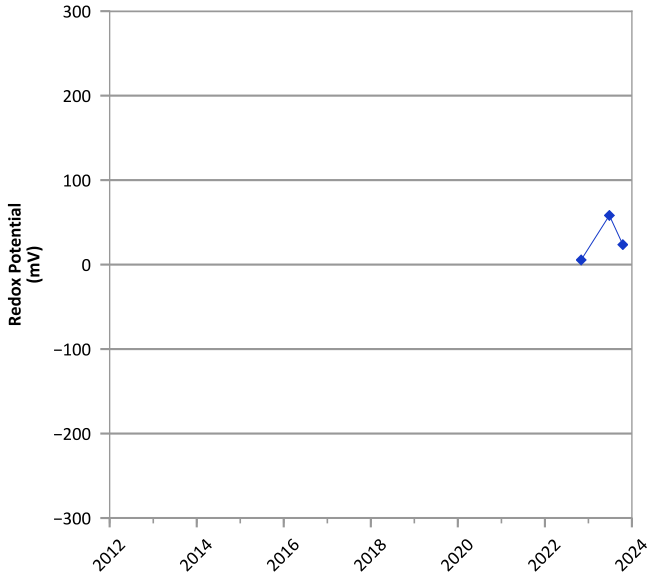
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

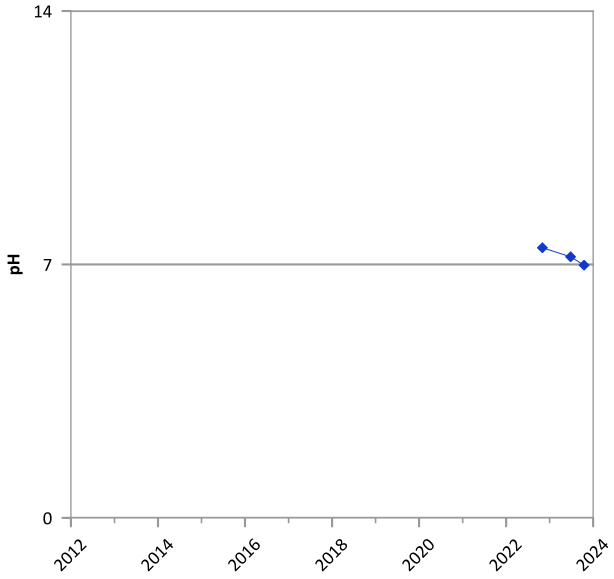
Well Location

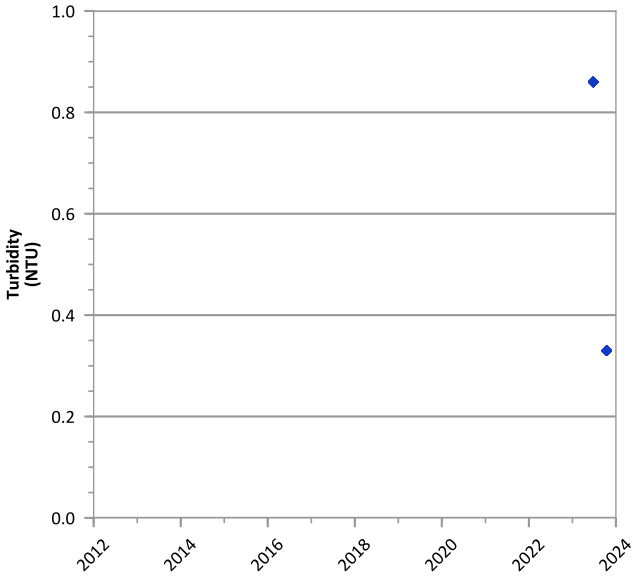


PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

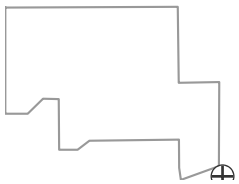






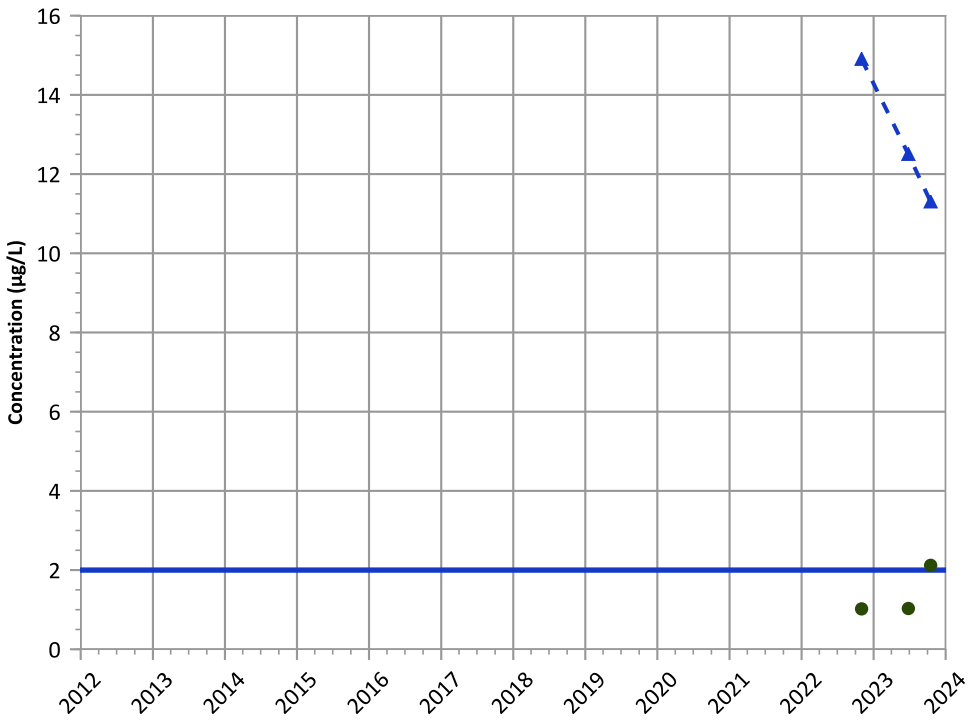


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

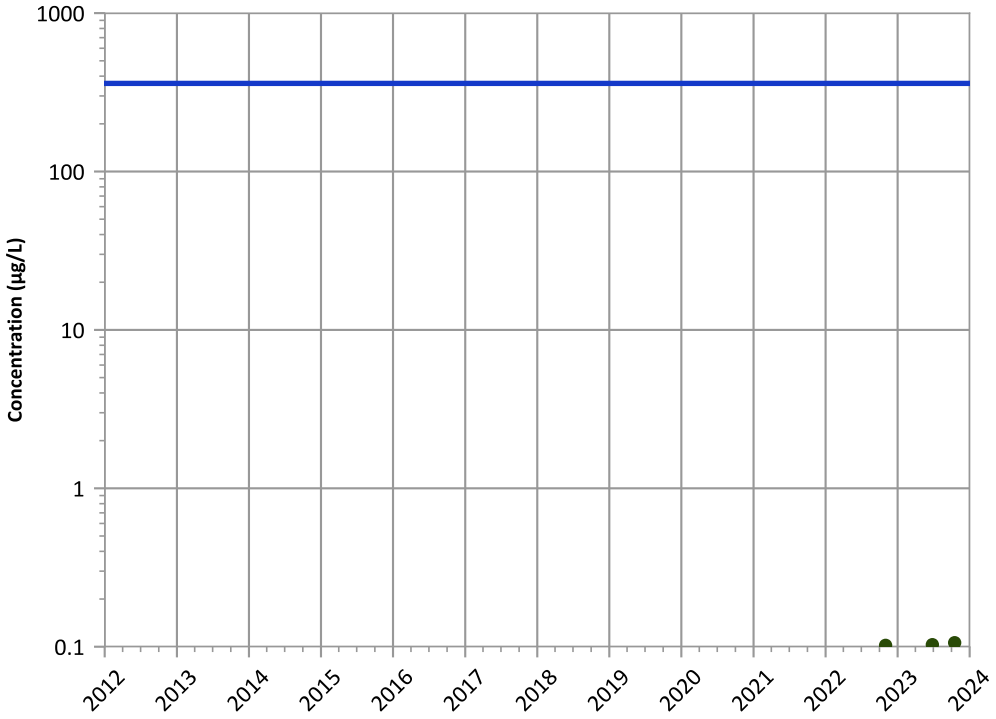


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

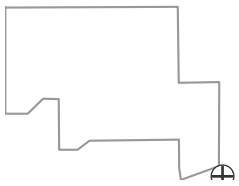
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

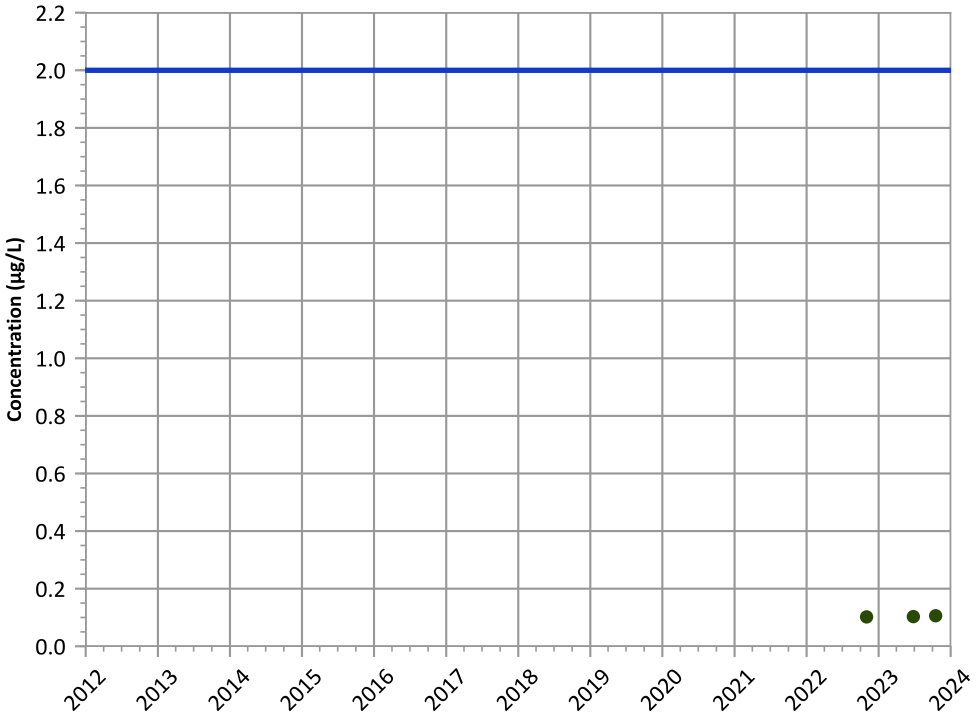
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

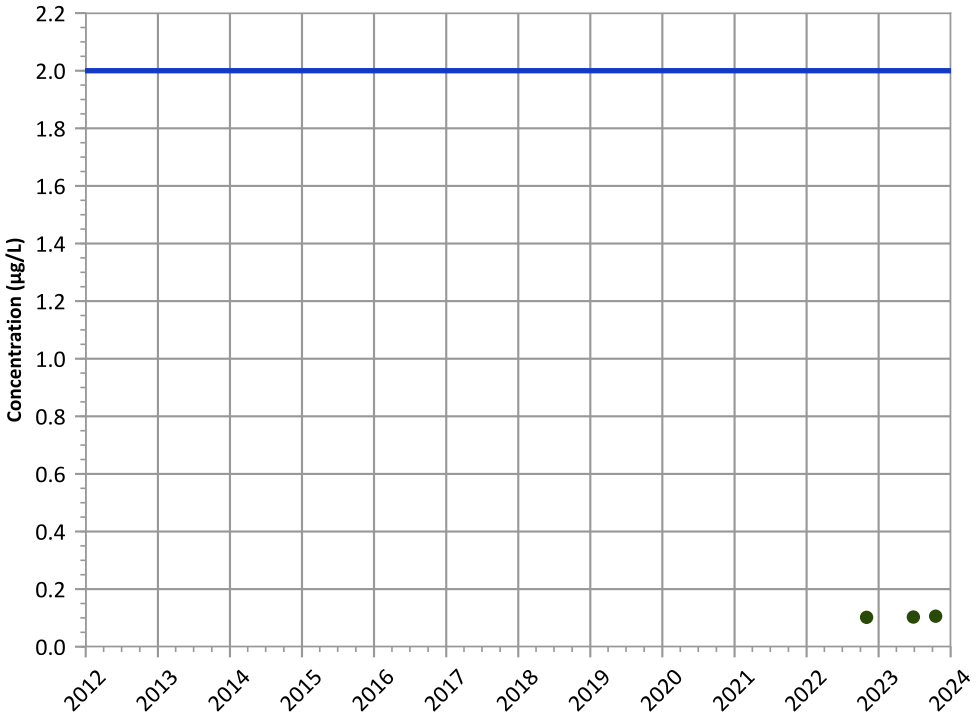


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

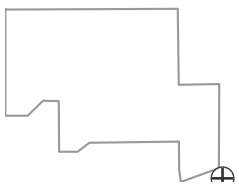
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

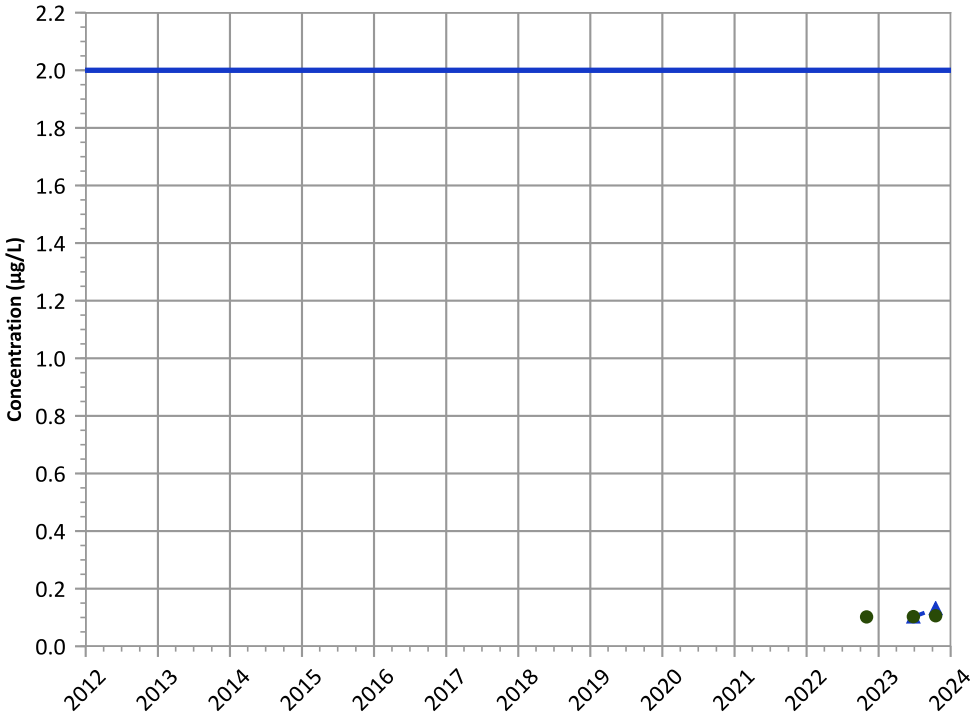
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

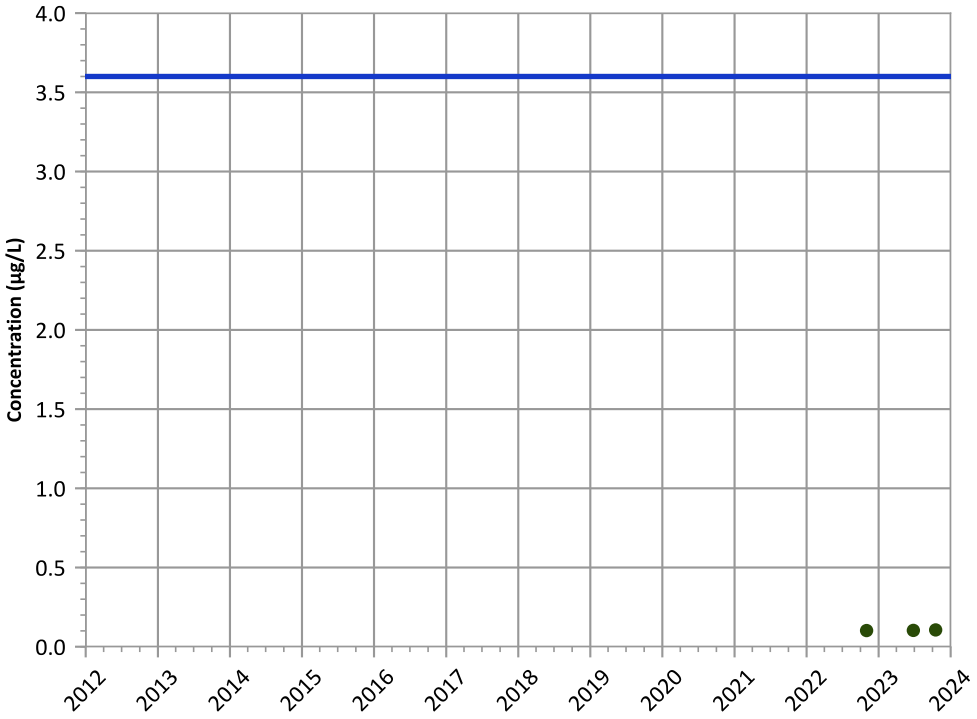


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

TNT (2,4,6-Trinitrotoluene) Trend

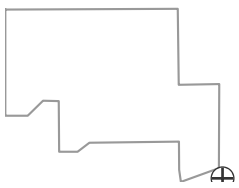


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

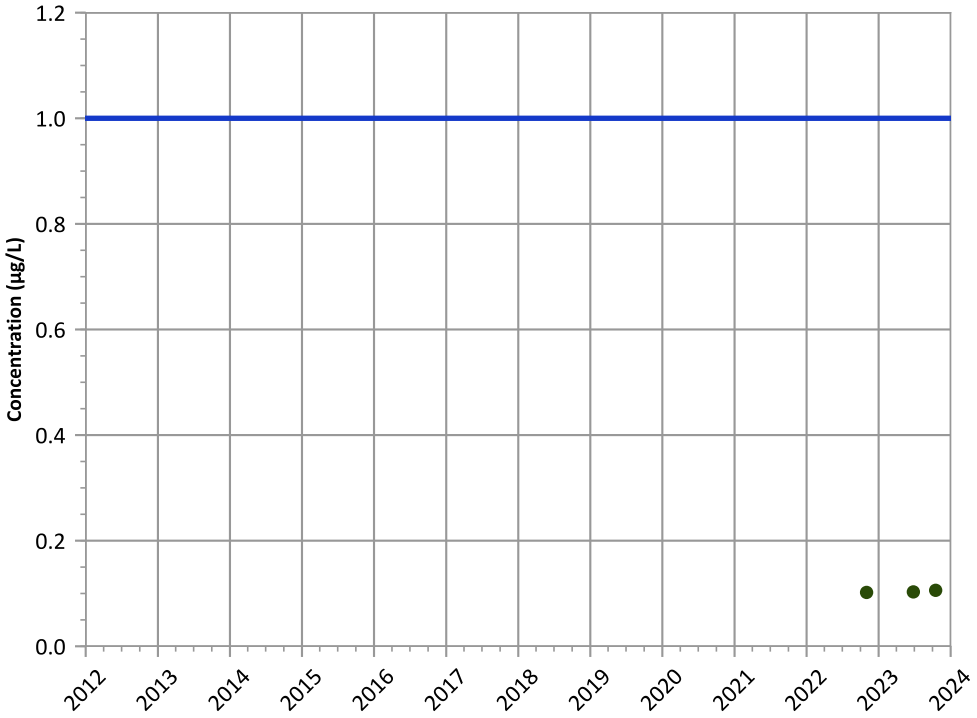


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

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

PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

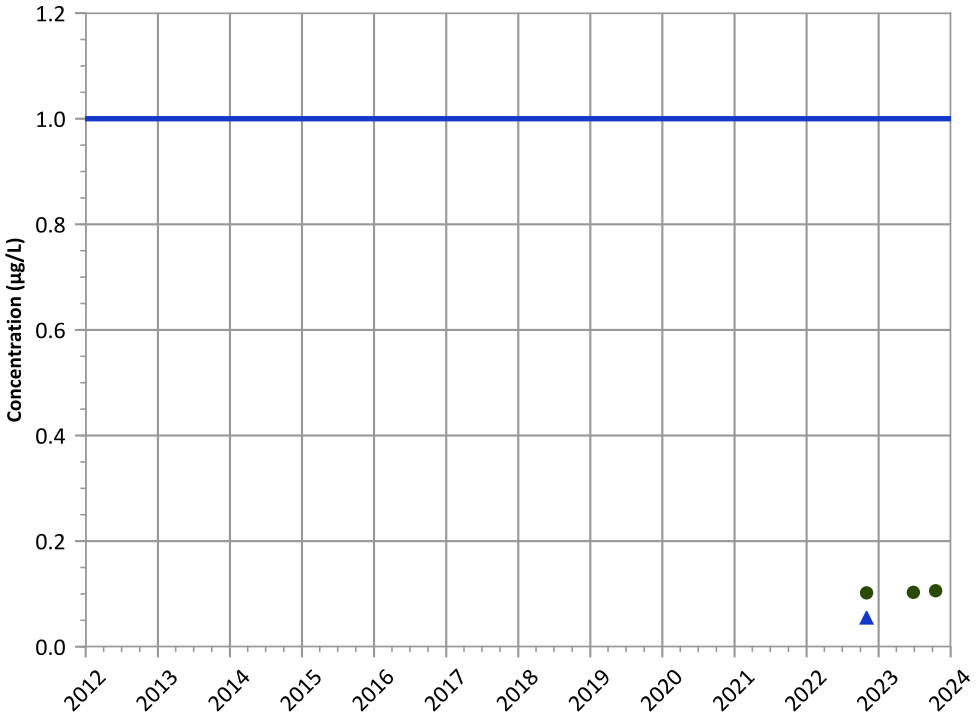


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend



Concentration Trend

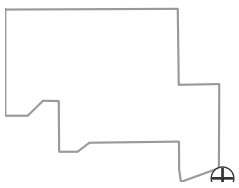
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

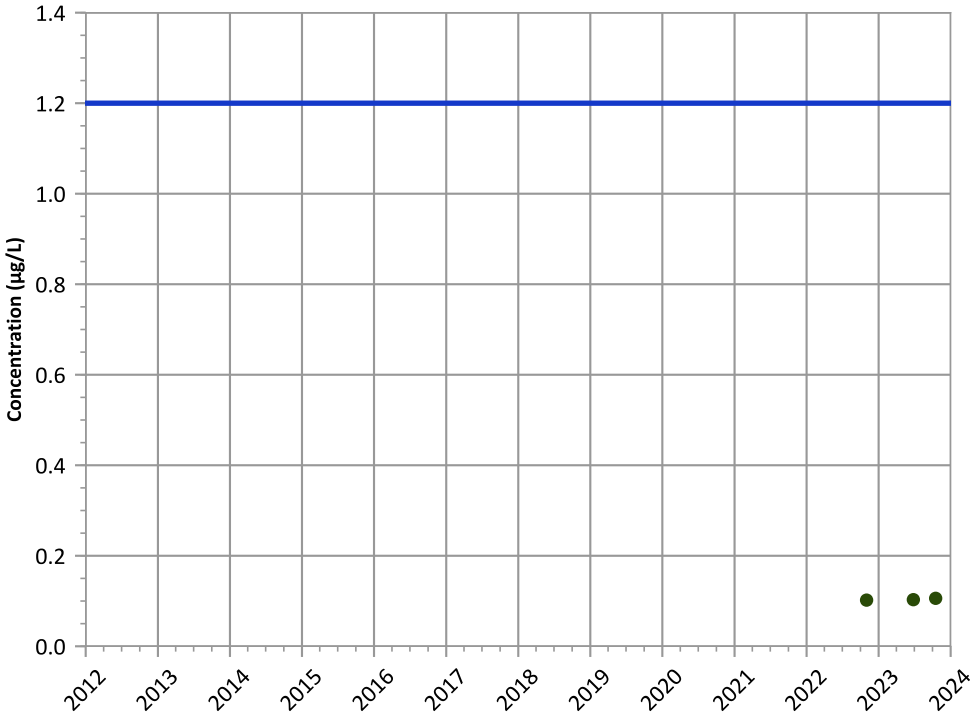
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

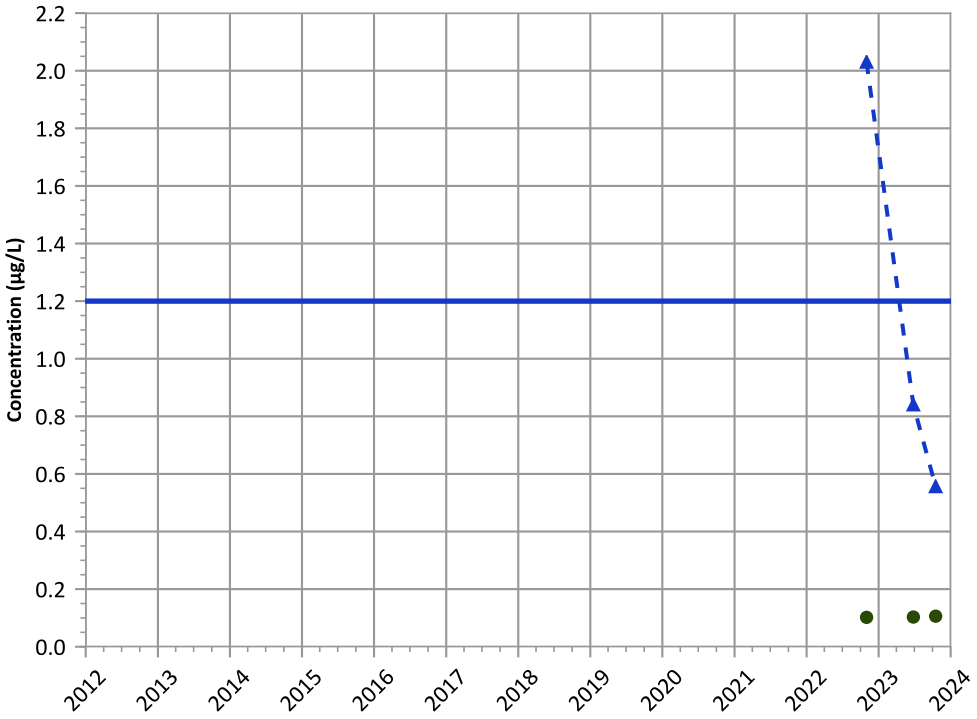


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

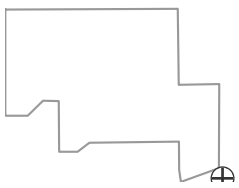
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

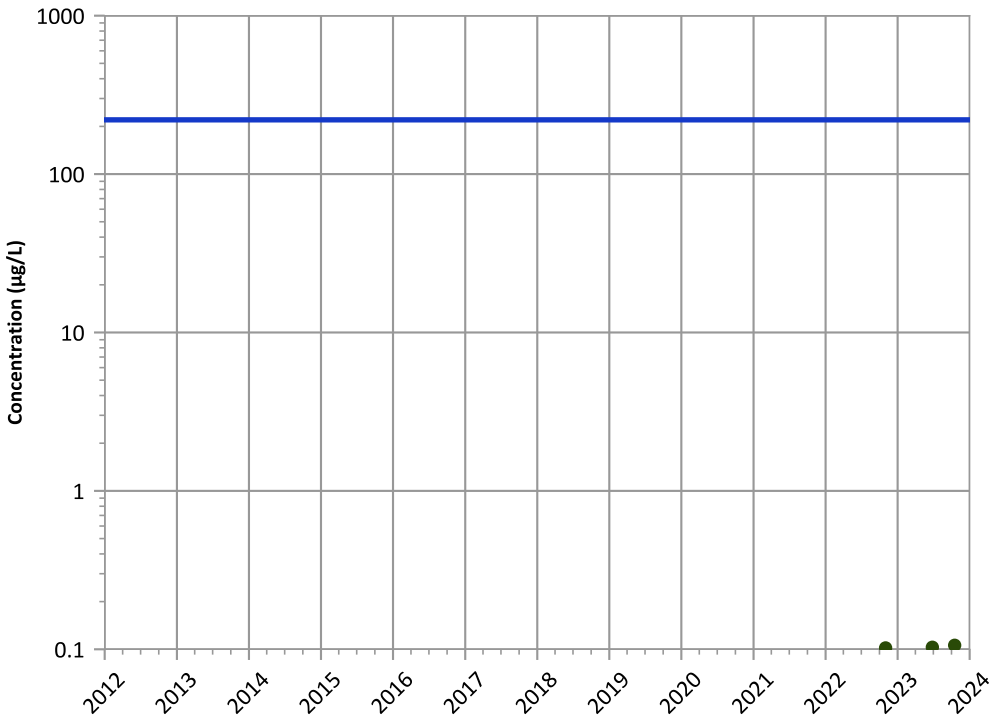
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

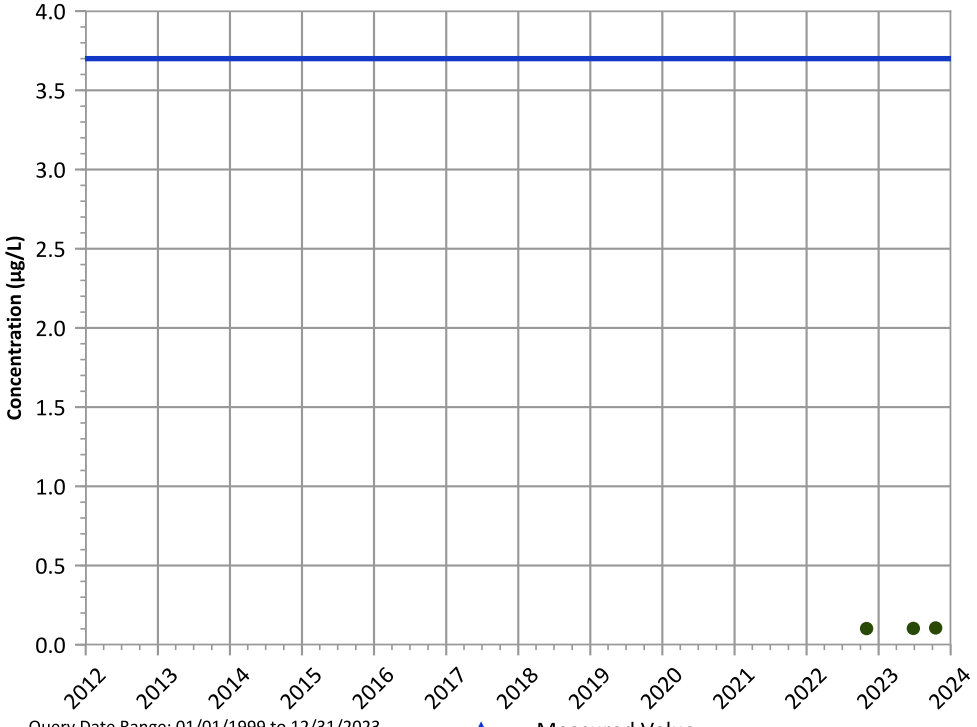


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,3-Dinitrobenzene Trend



Concentration Trend

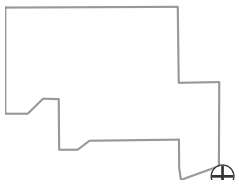
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

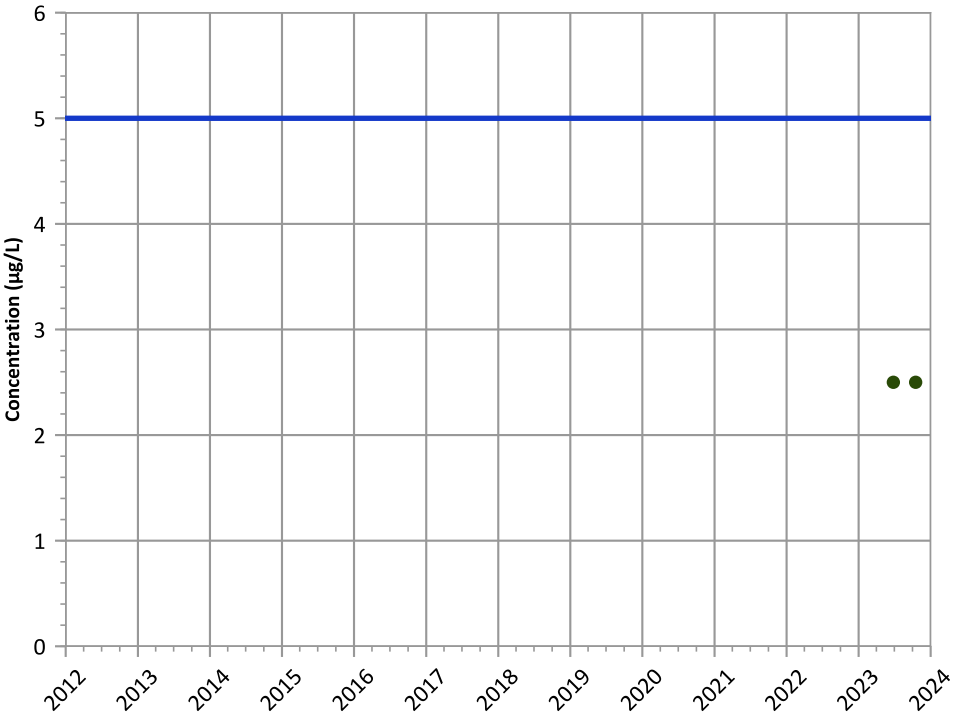
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

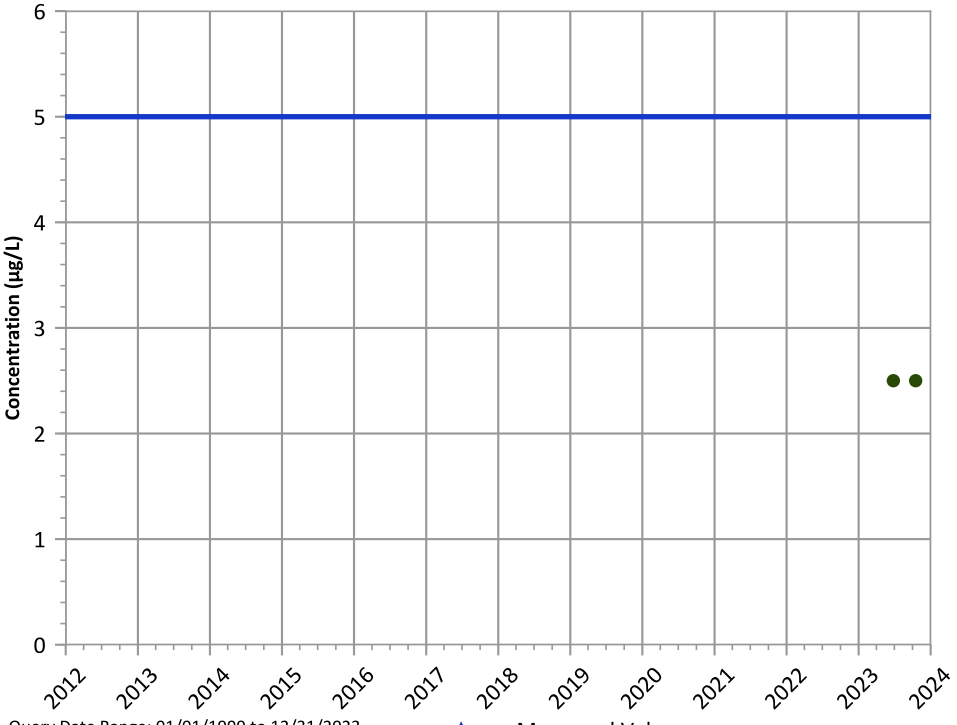


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend

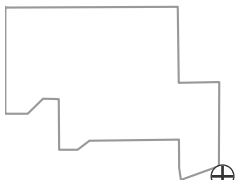


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

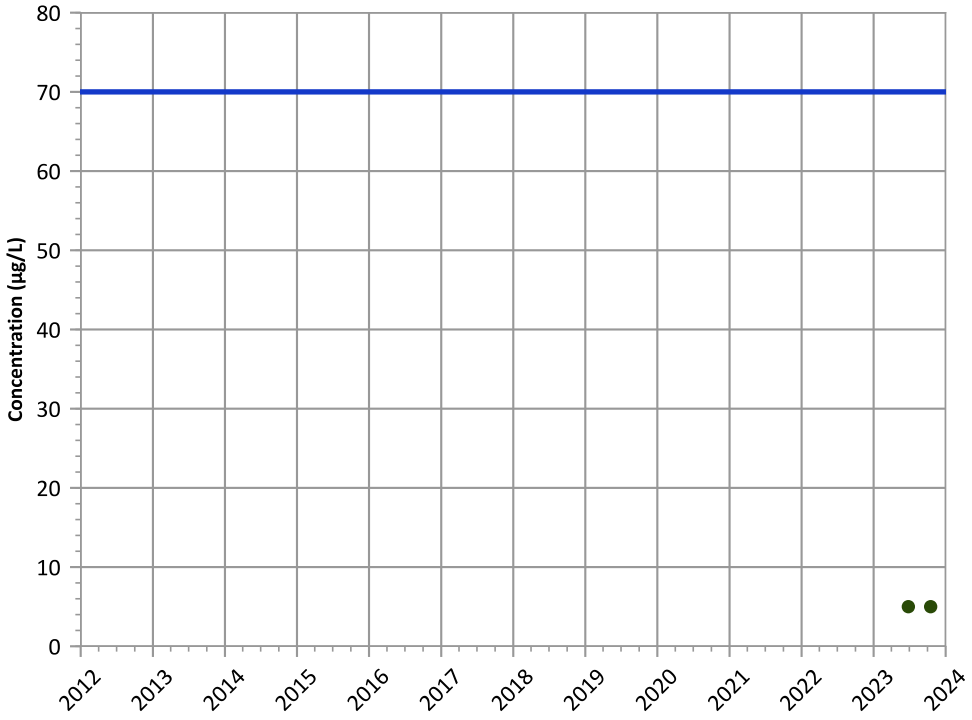


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

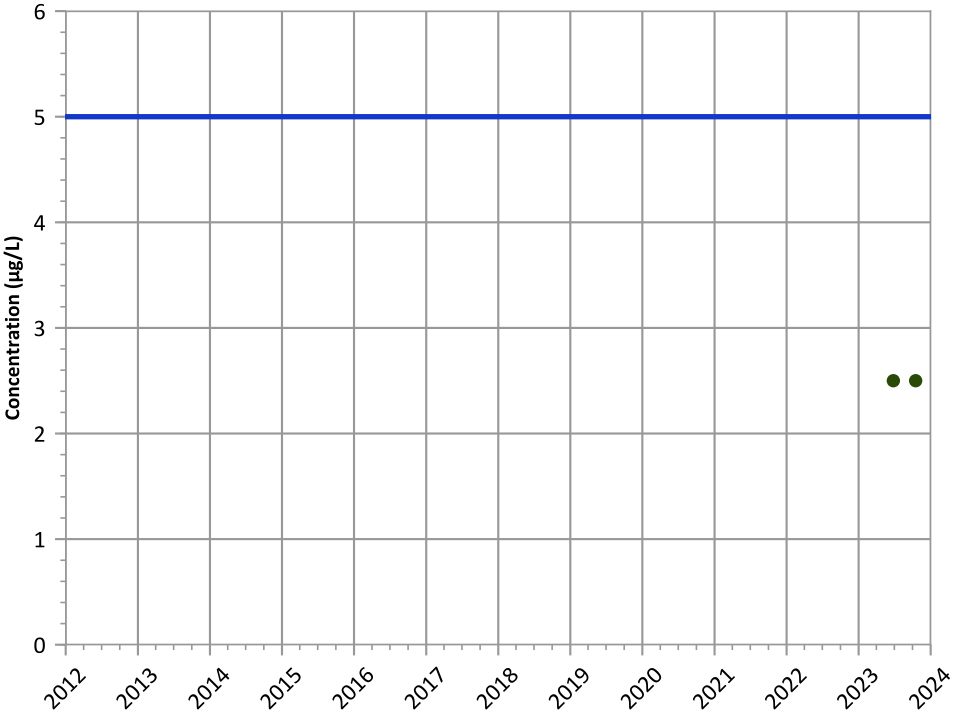


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

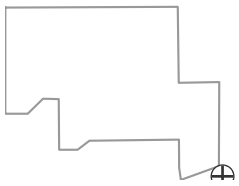
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

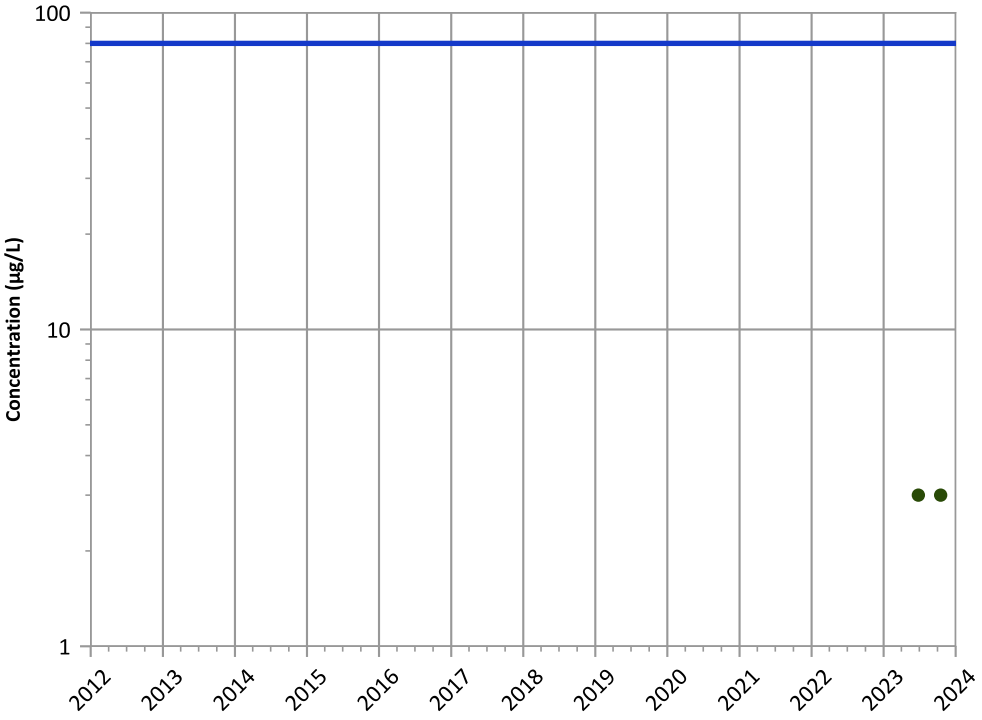
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

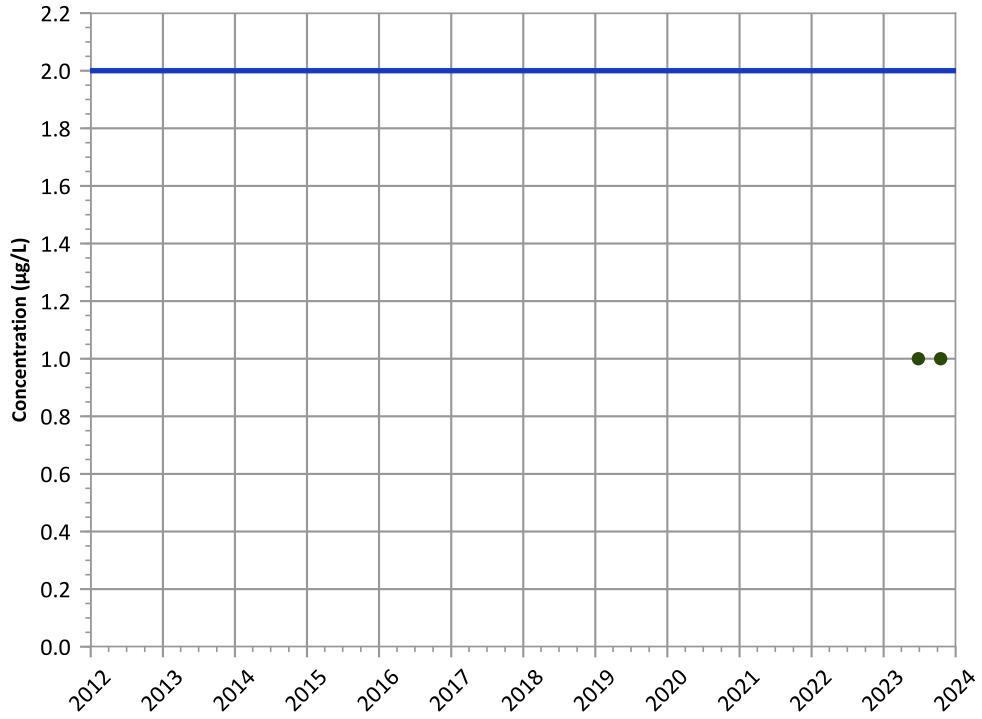


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

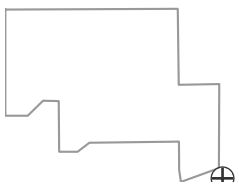
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

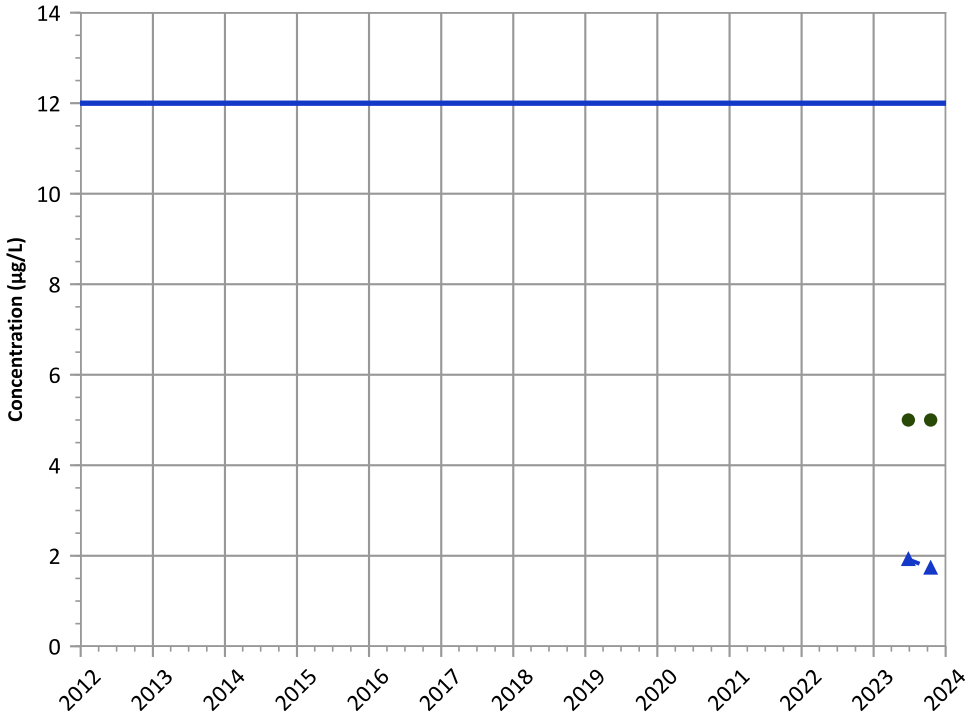
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

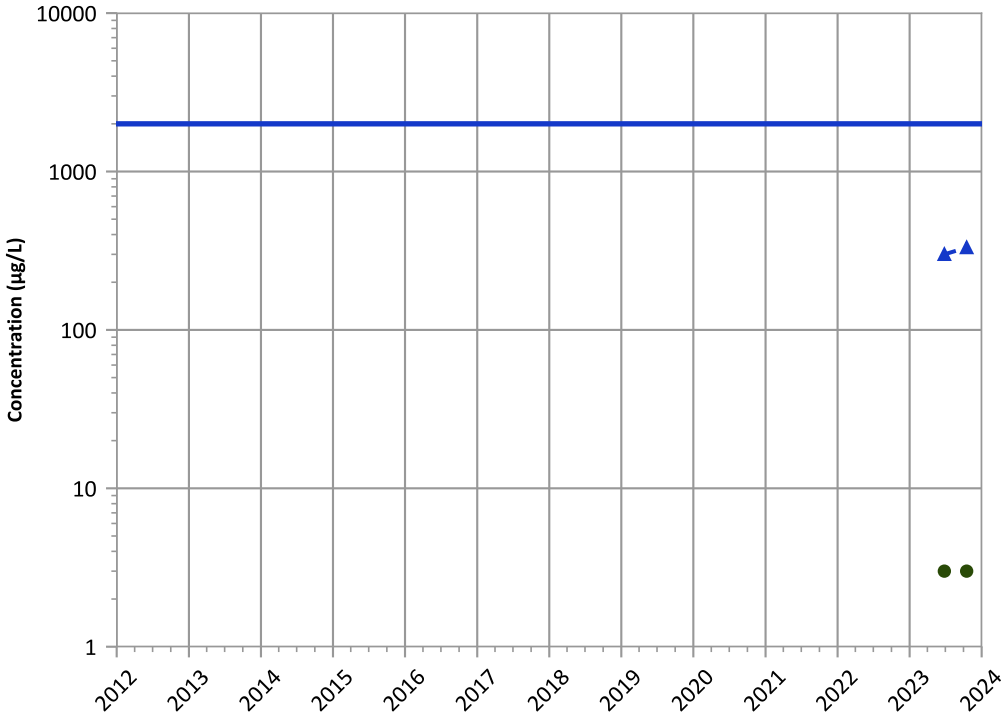


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

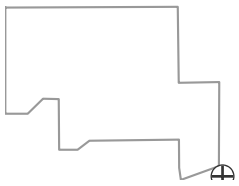
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

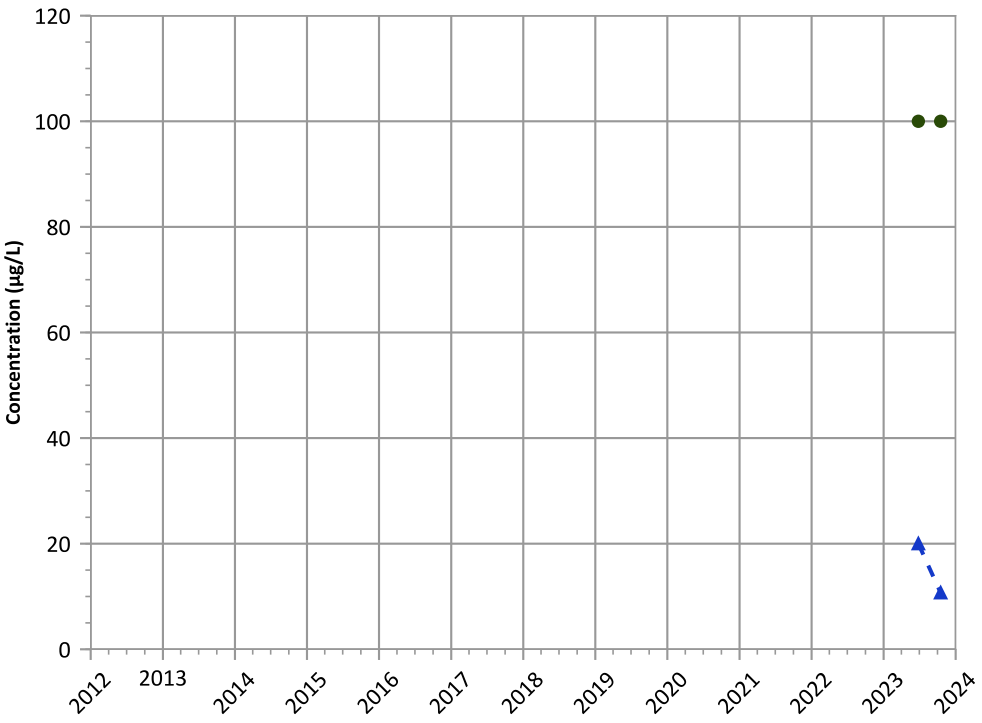
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

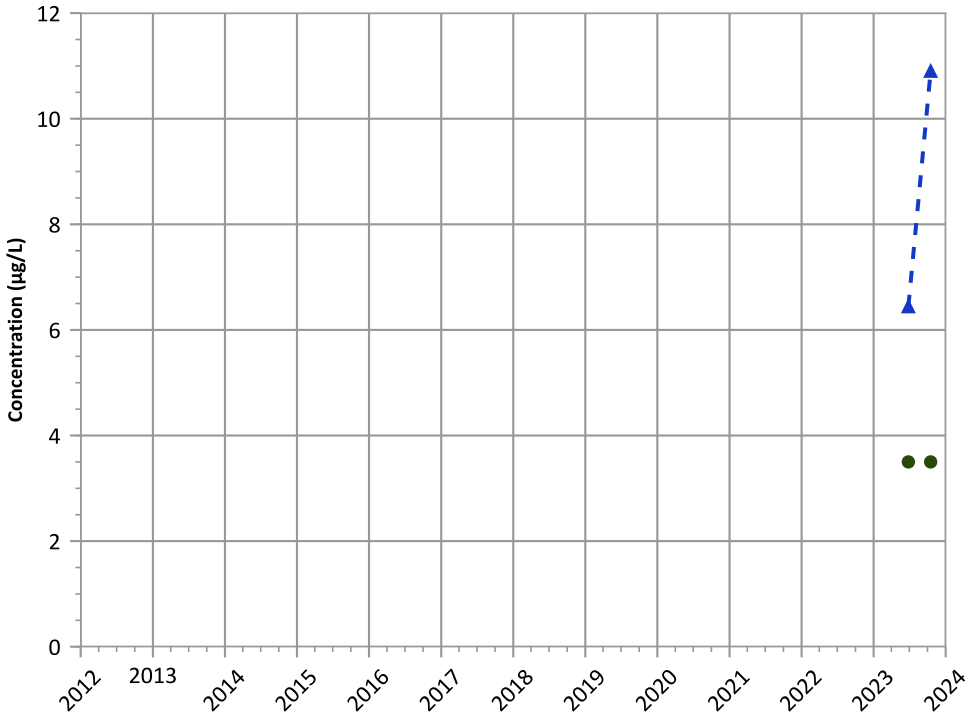


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

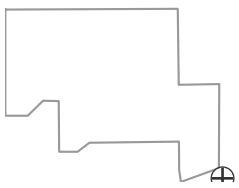
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

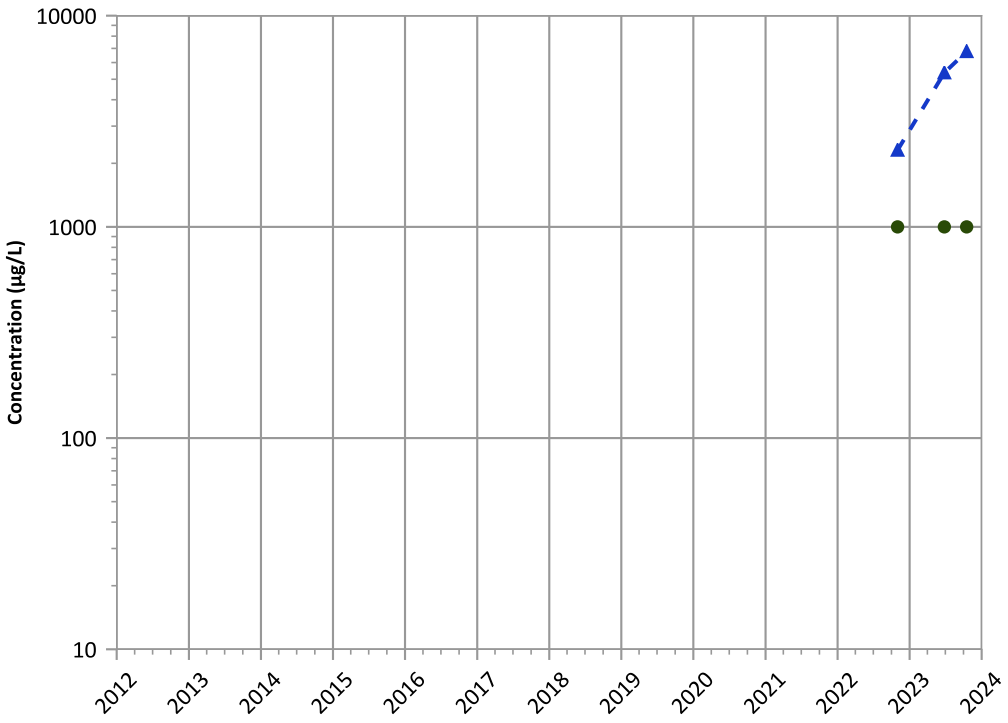
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

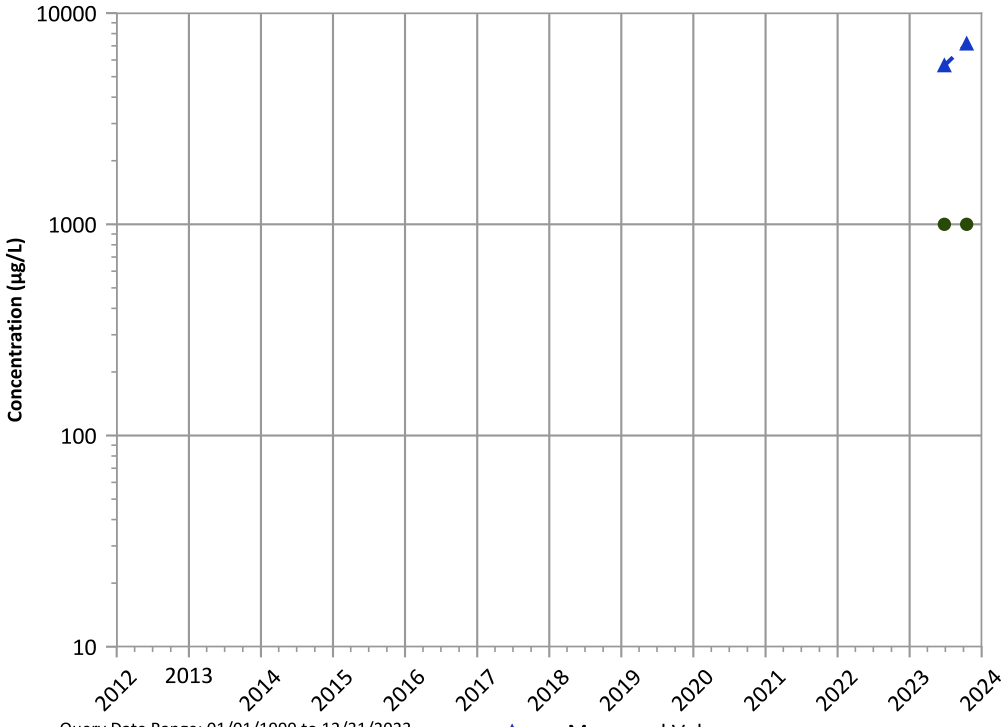


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

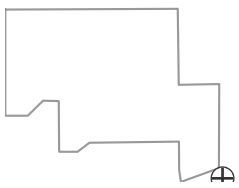
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

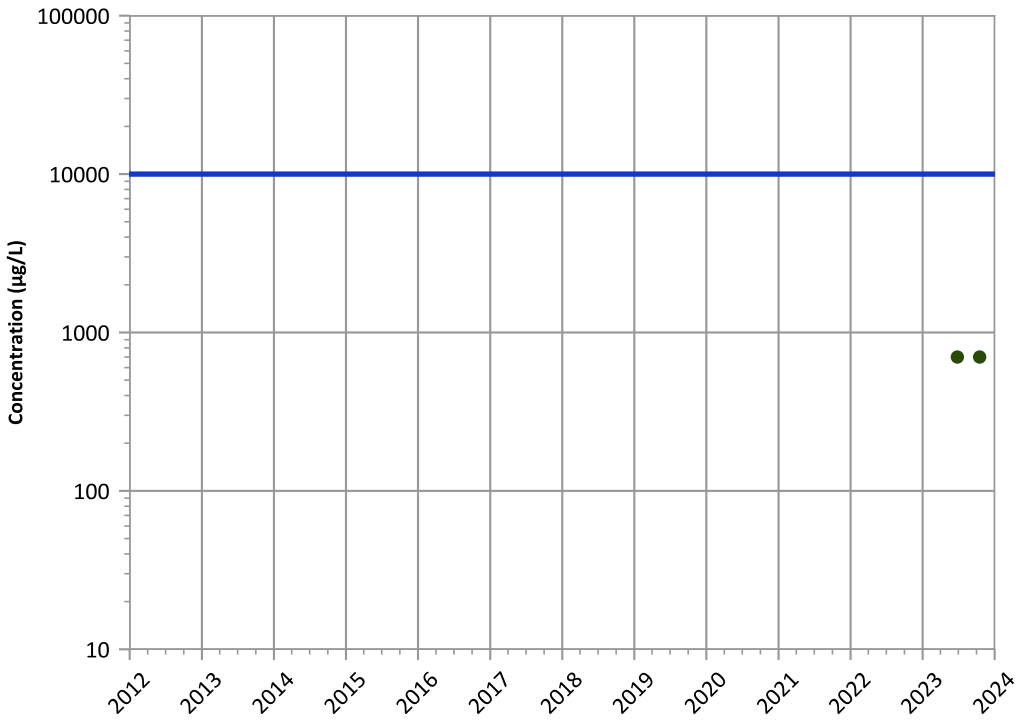
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1218 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

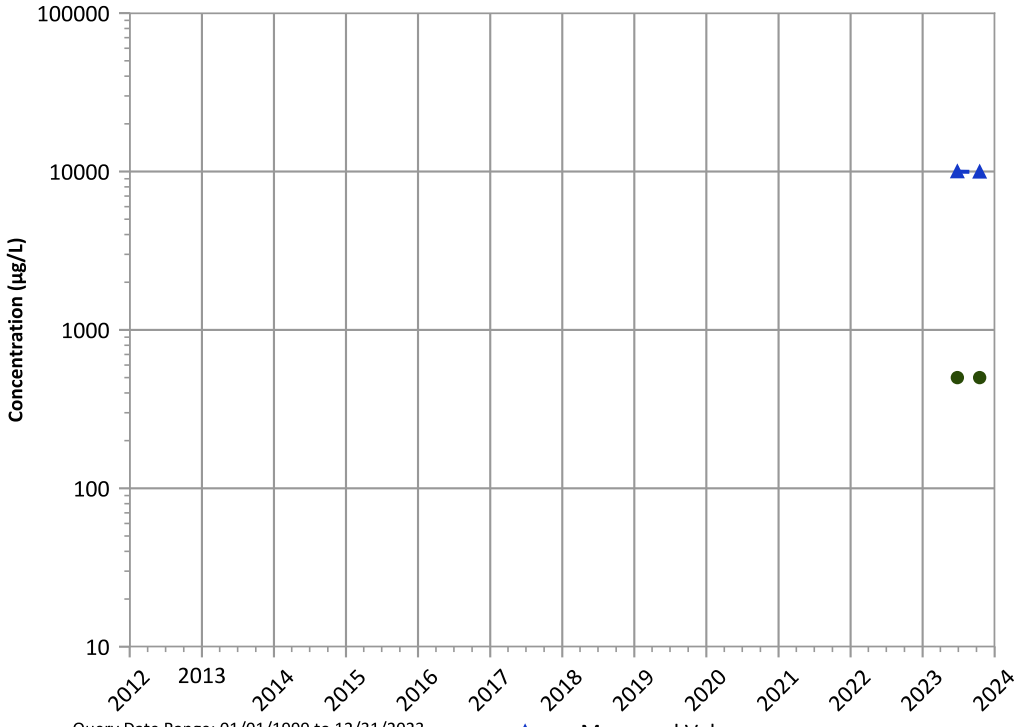


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

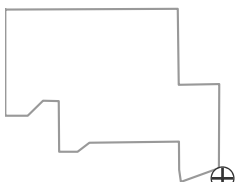
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

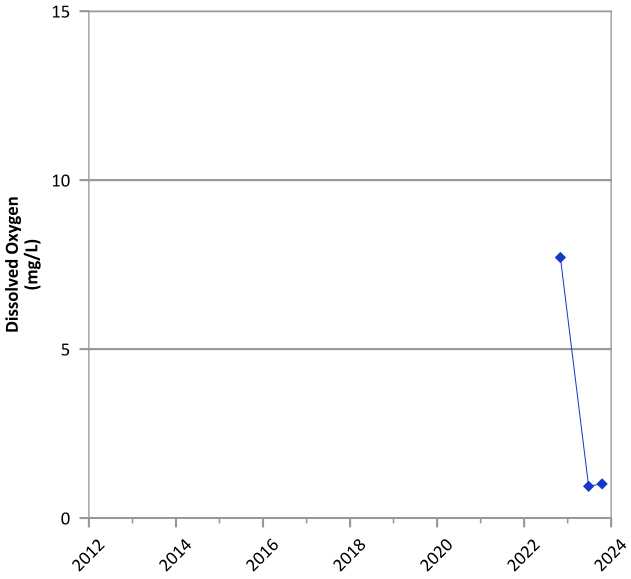
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

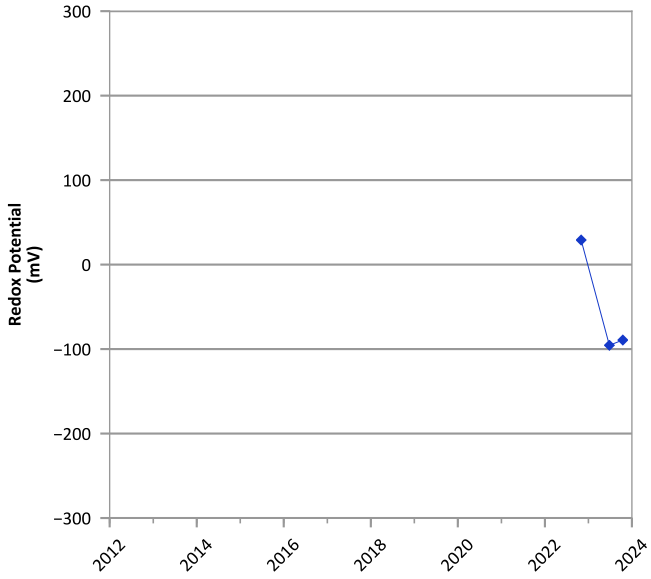
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

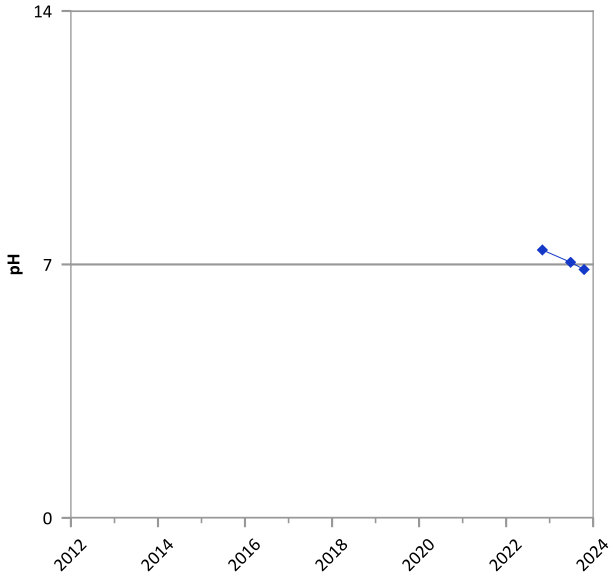
Well Location

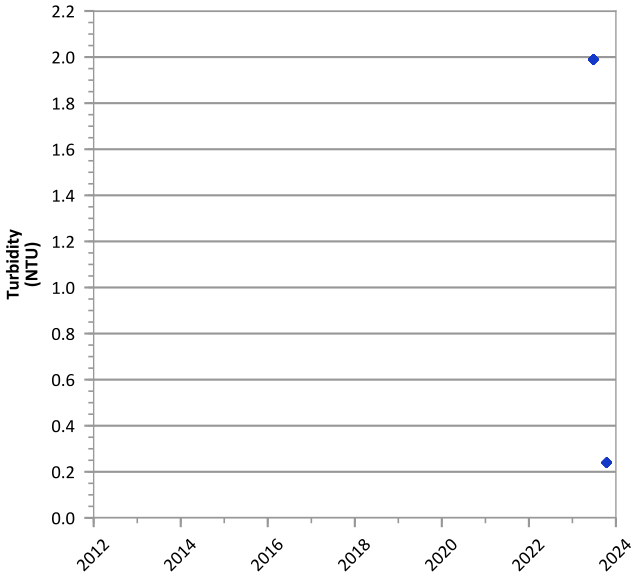


PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

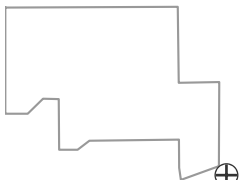






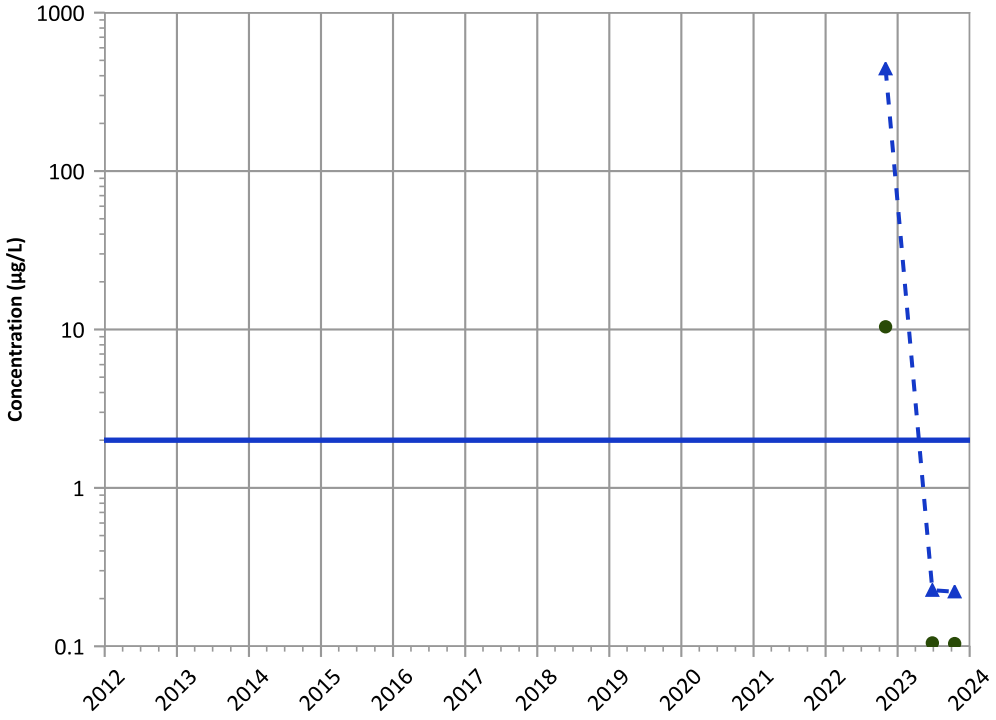


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

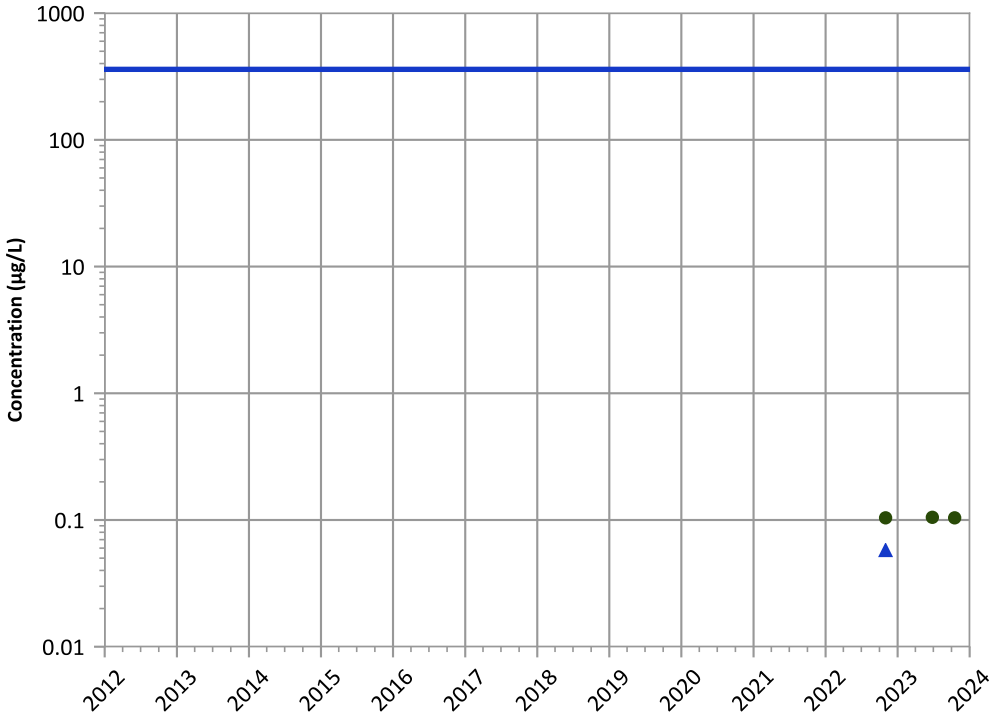


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

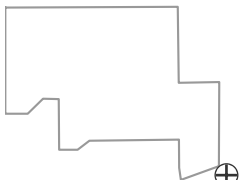
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

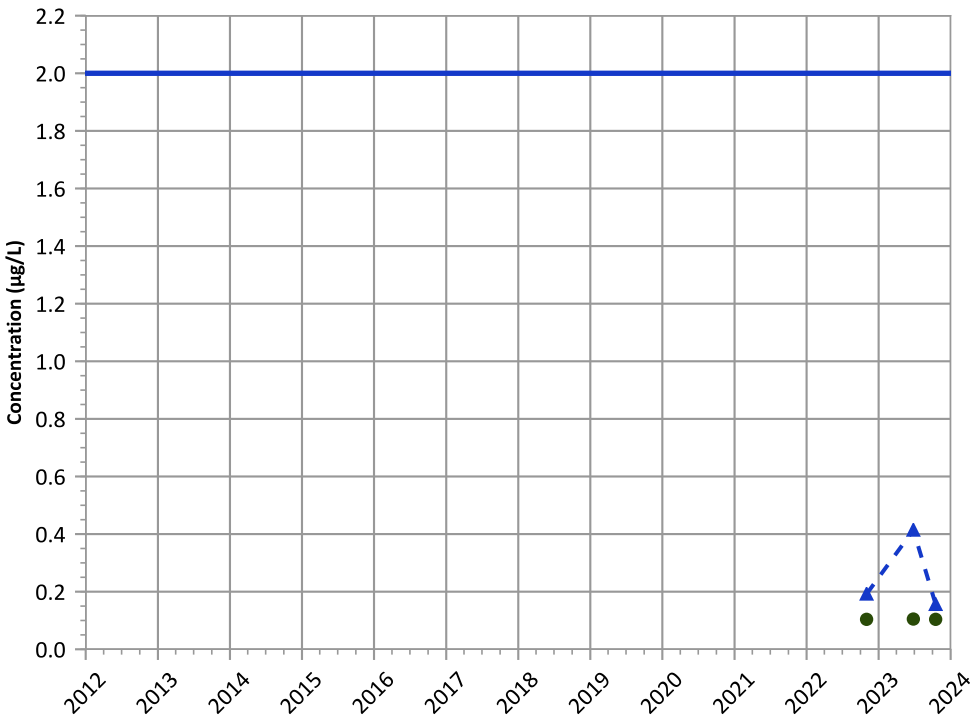
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

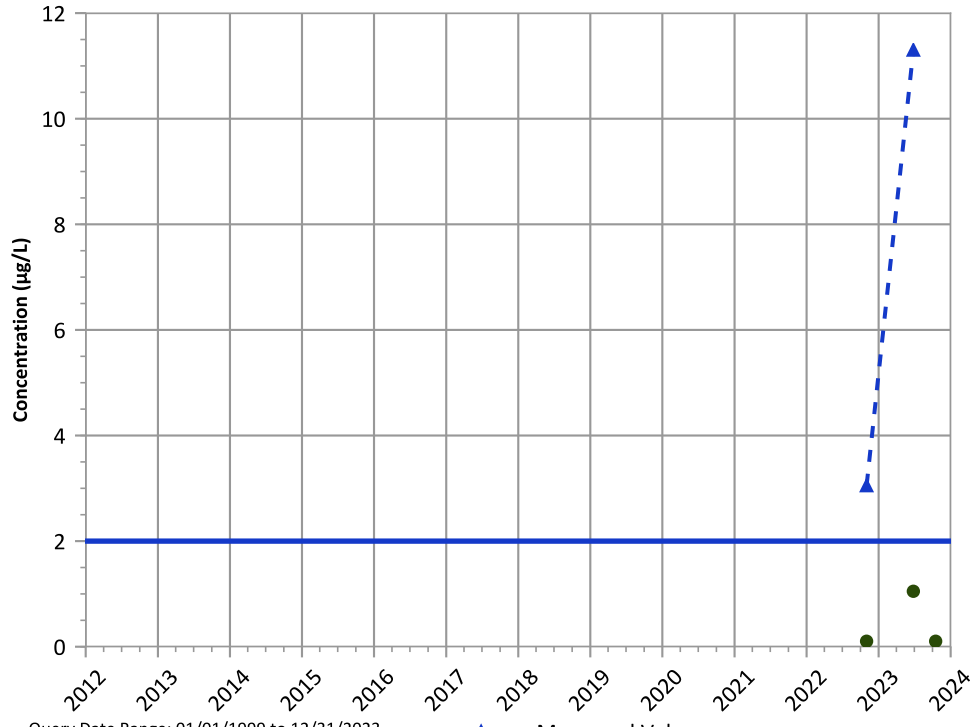


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

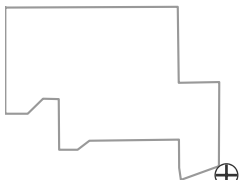
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

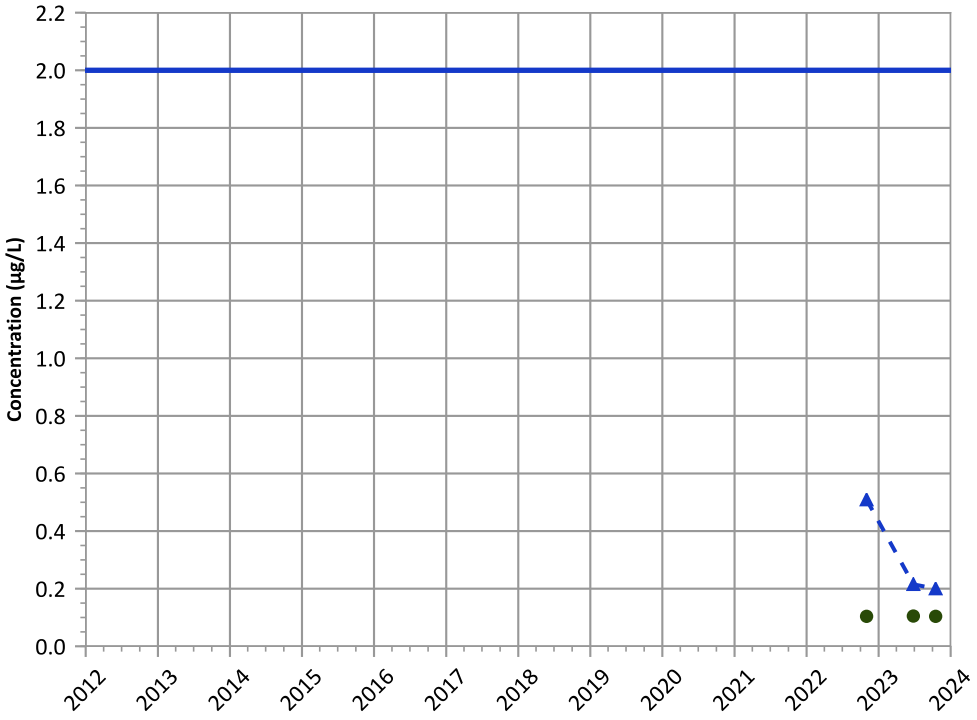
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

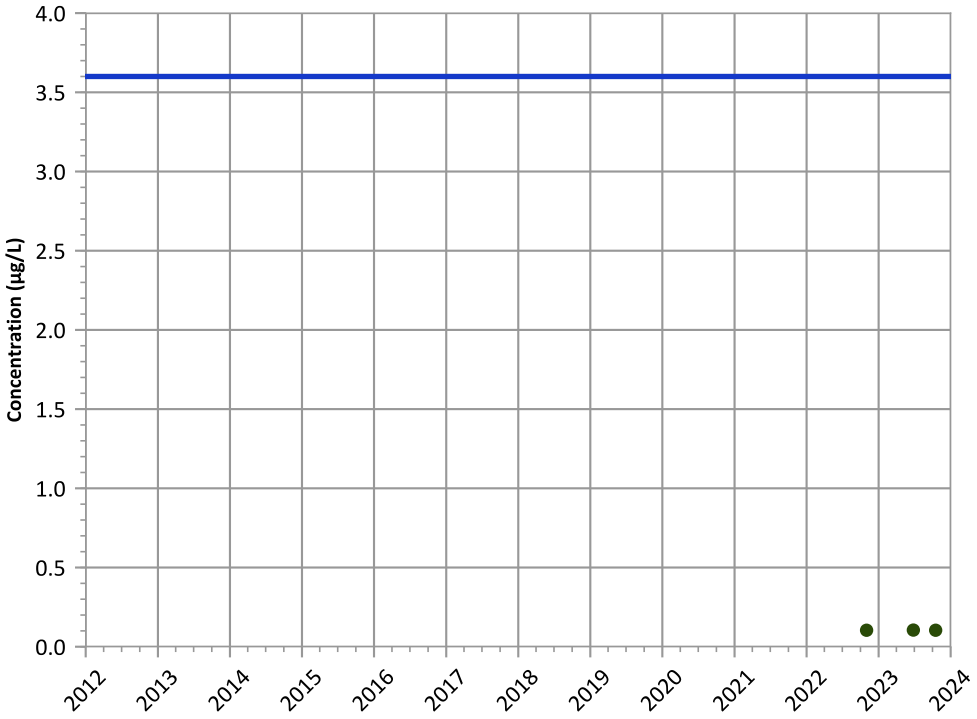


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

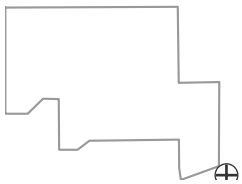
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

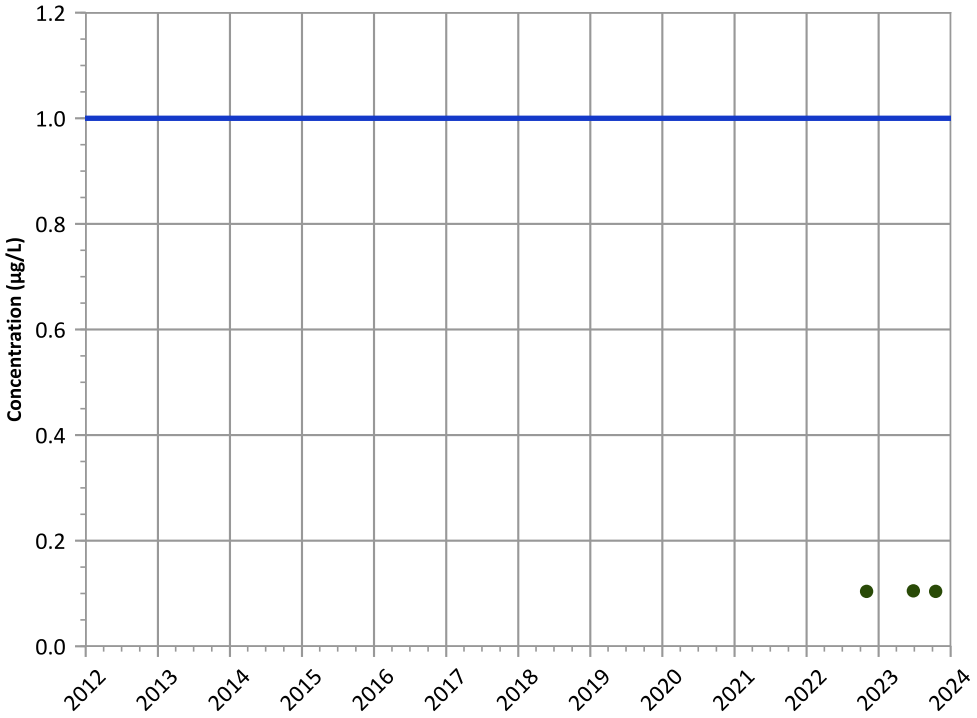
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

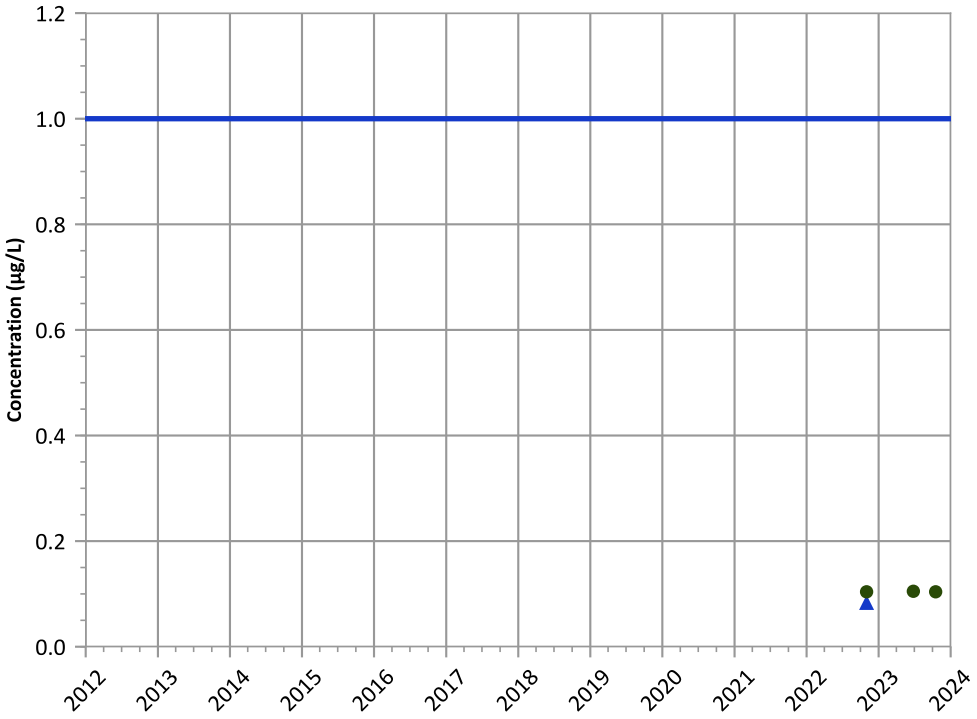


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend



Concentration Trend

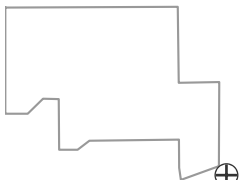
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

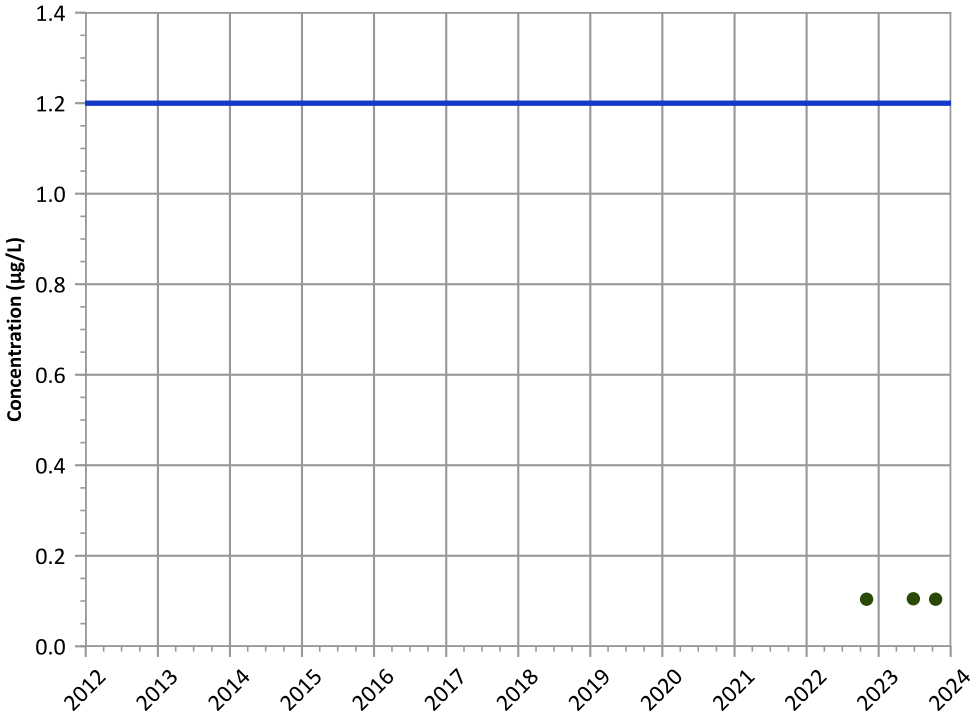
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

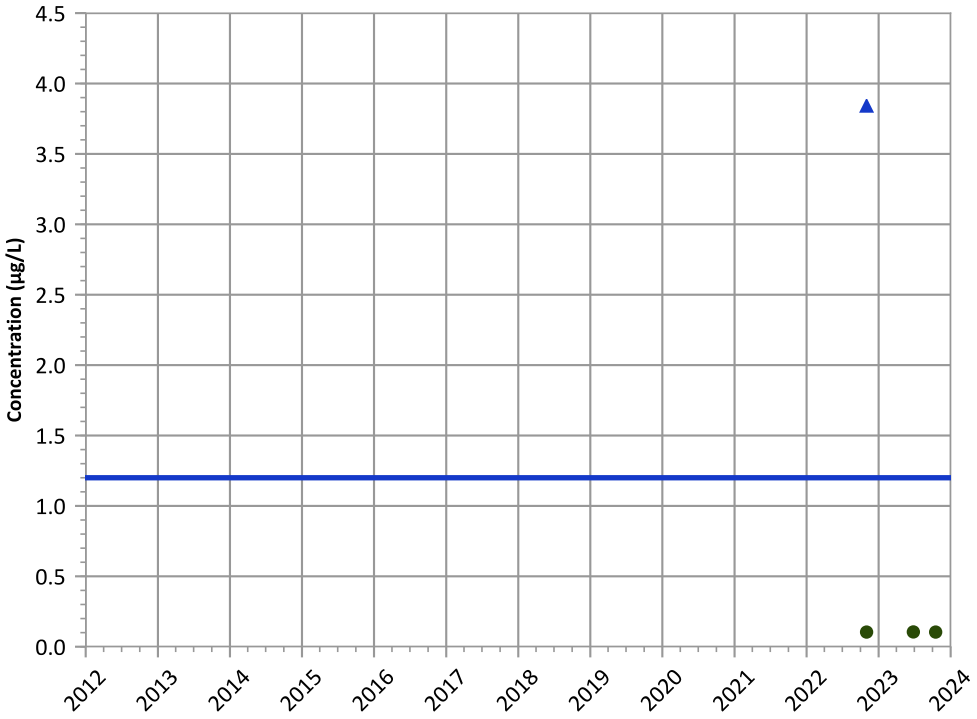


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

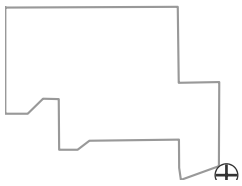
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

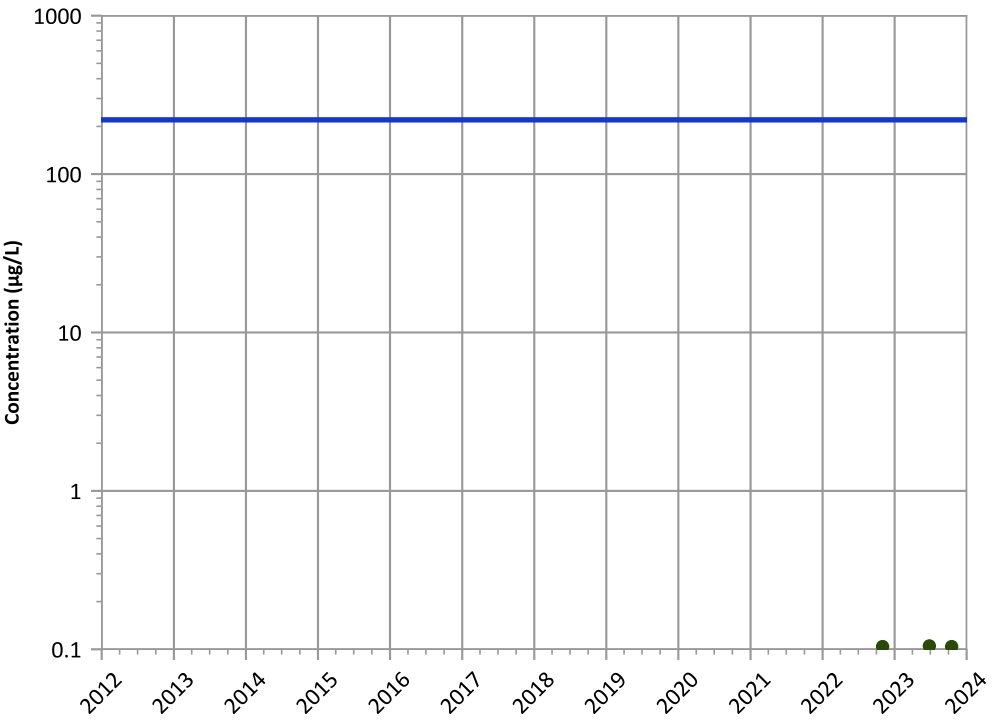
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

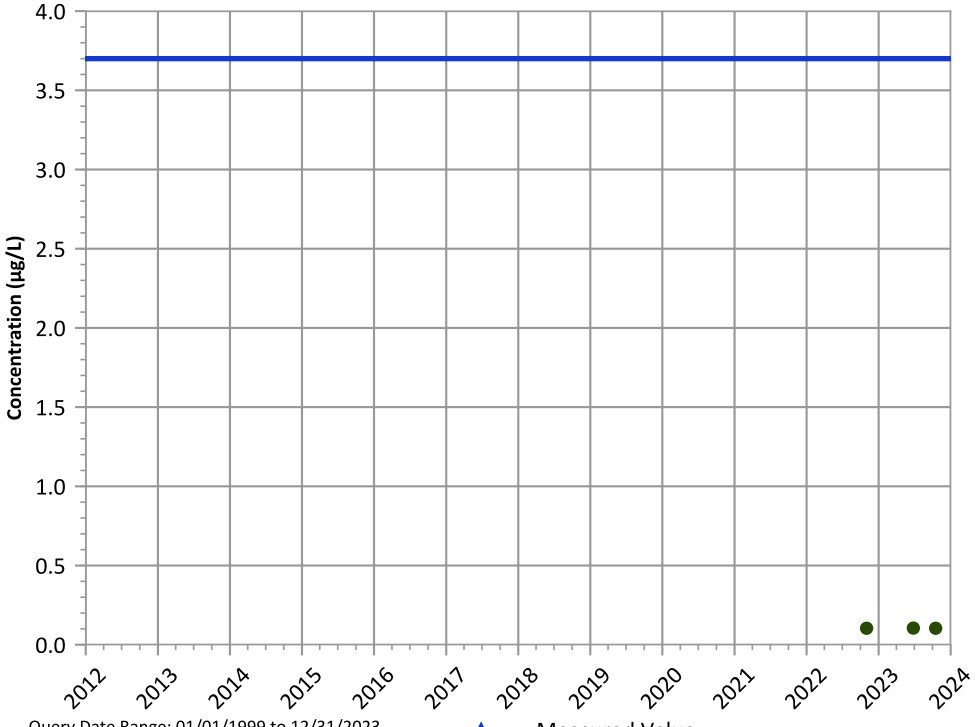


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,3-Dinitrobenzene Trend



Concentration Trend

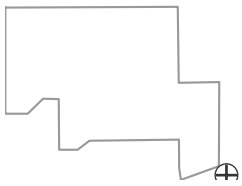
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

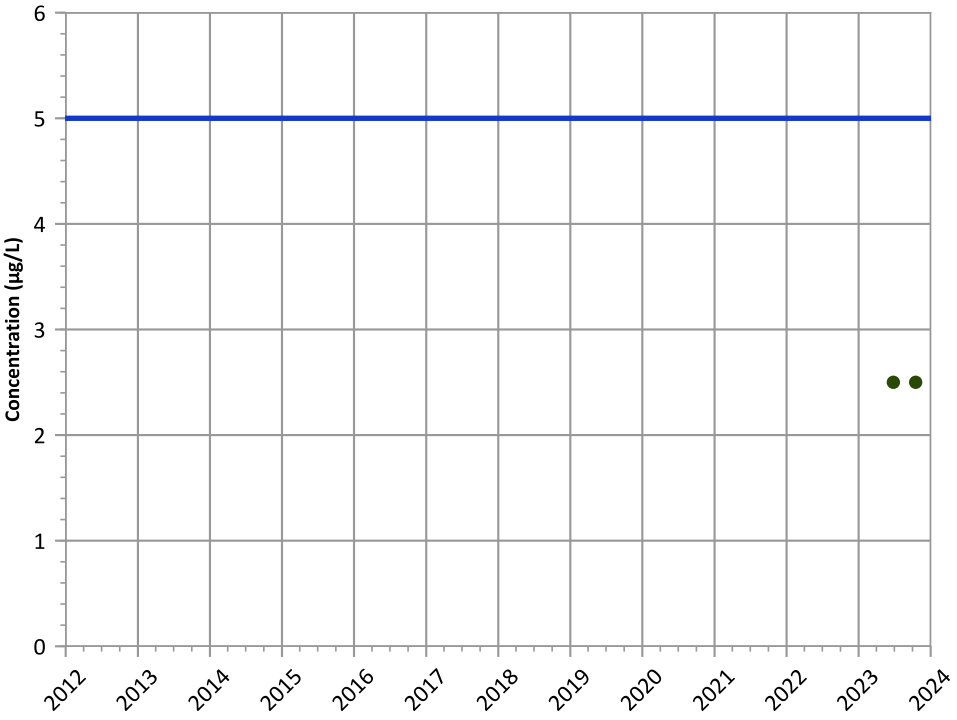
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

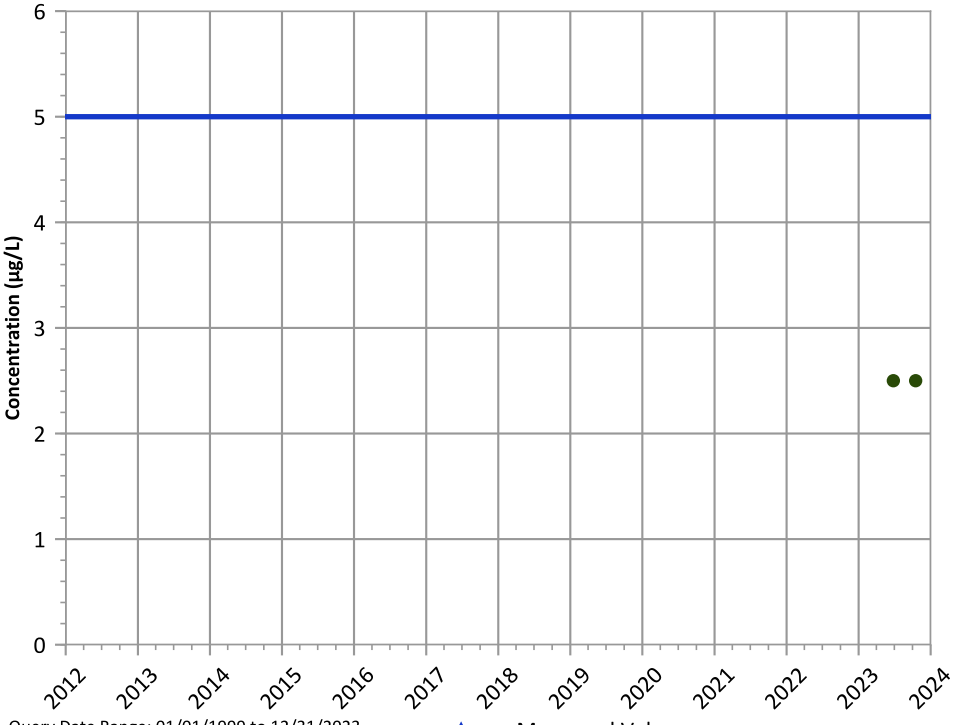


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

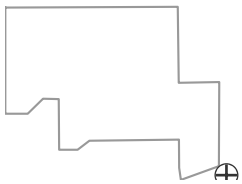
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

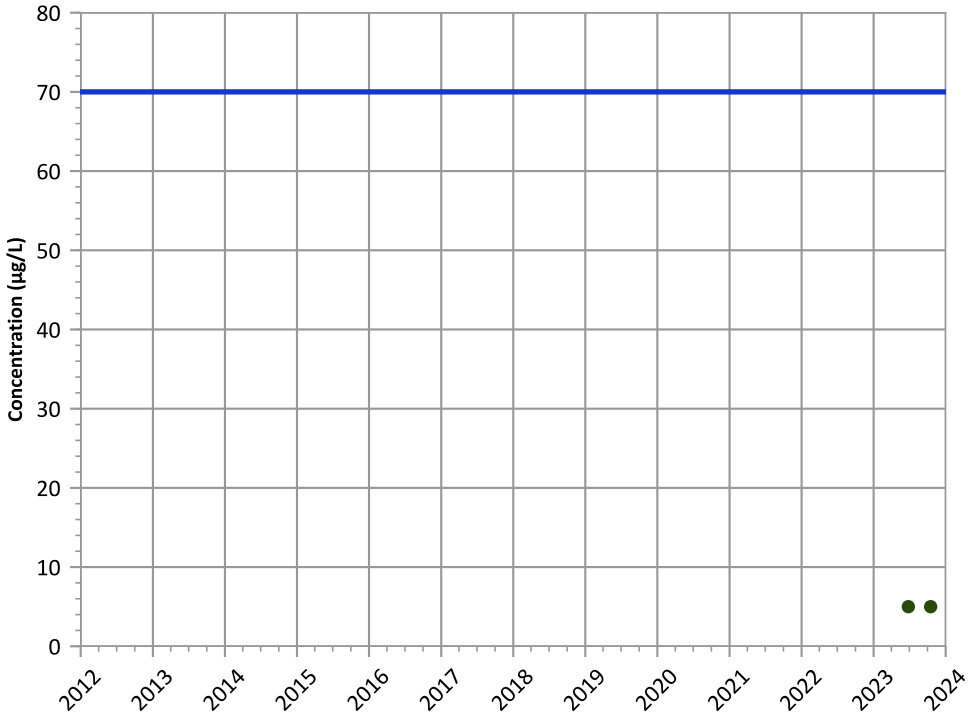
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

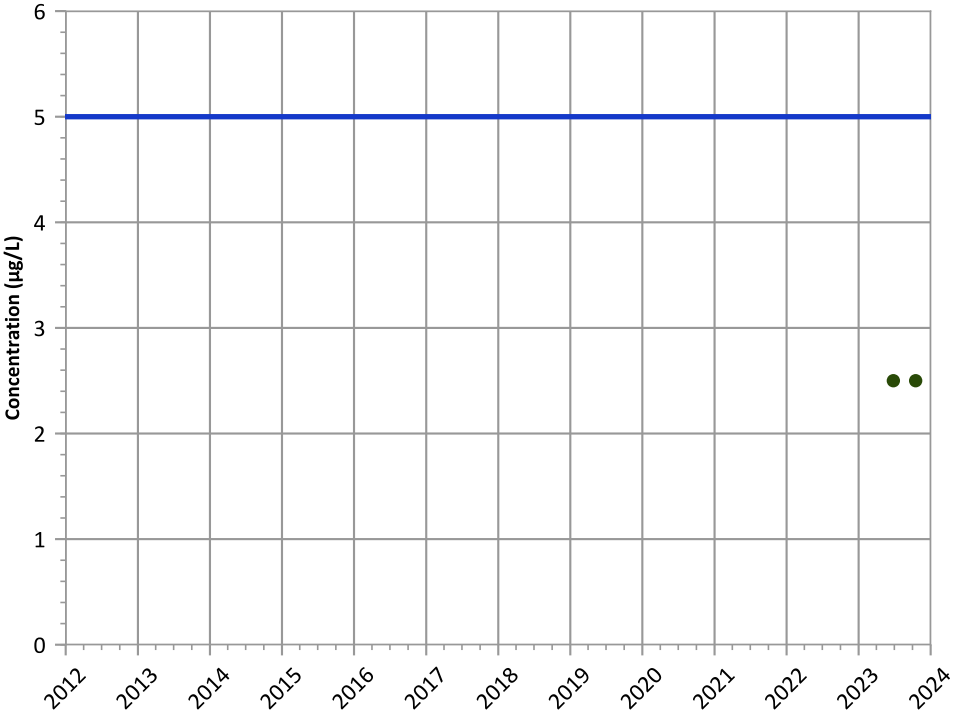


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

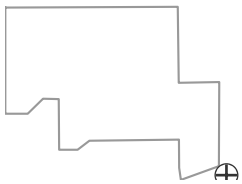
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

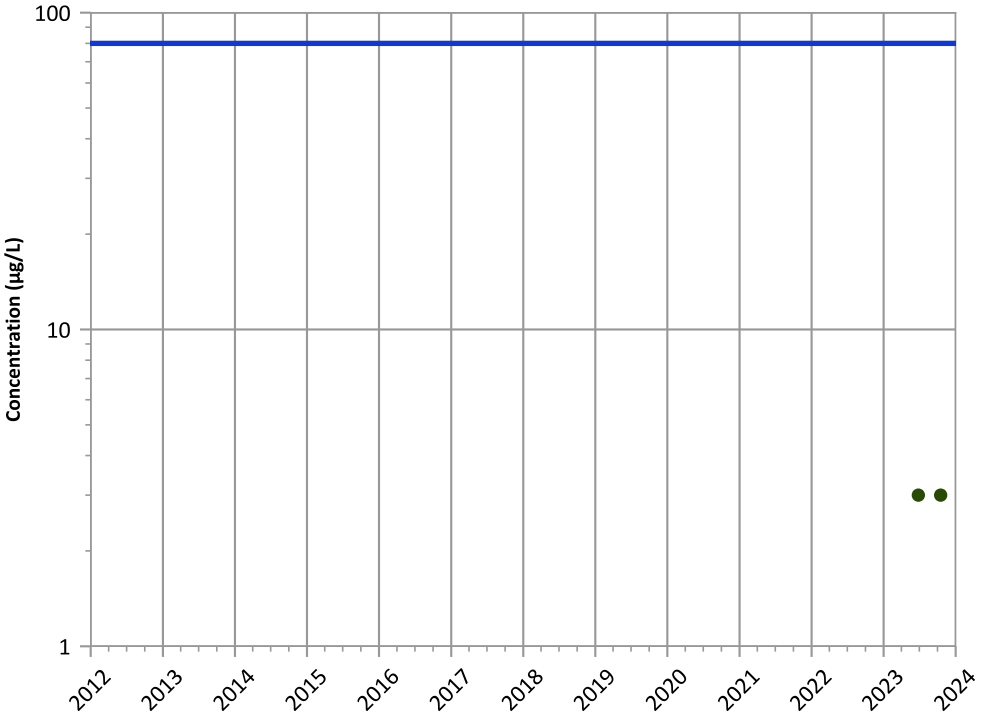
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

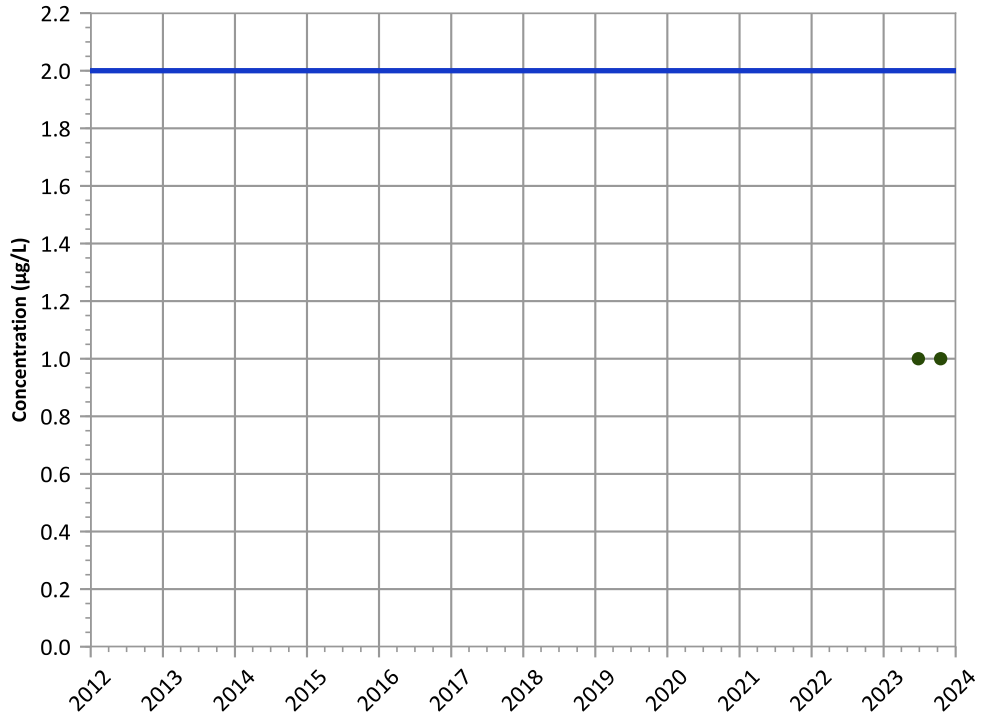


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

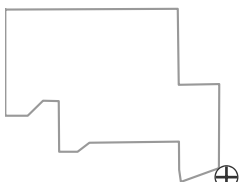
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

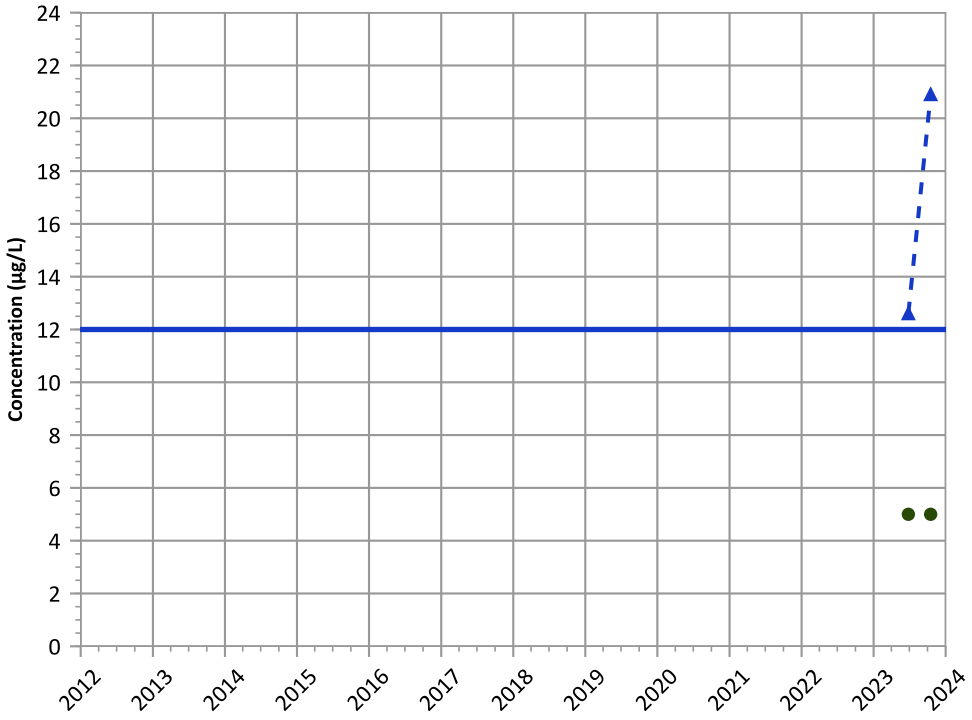
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

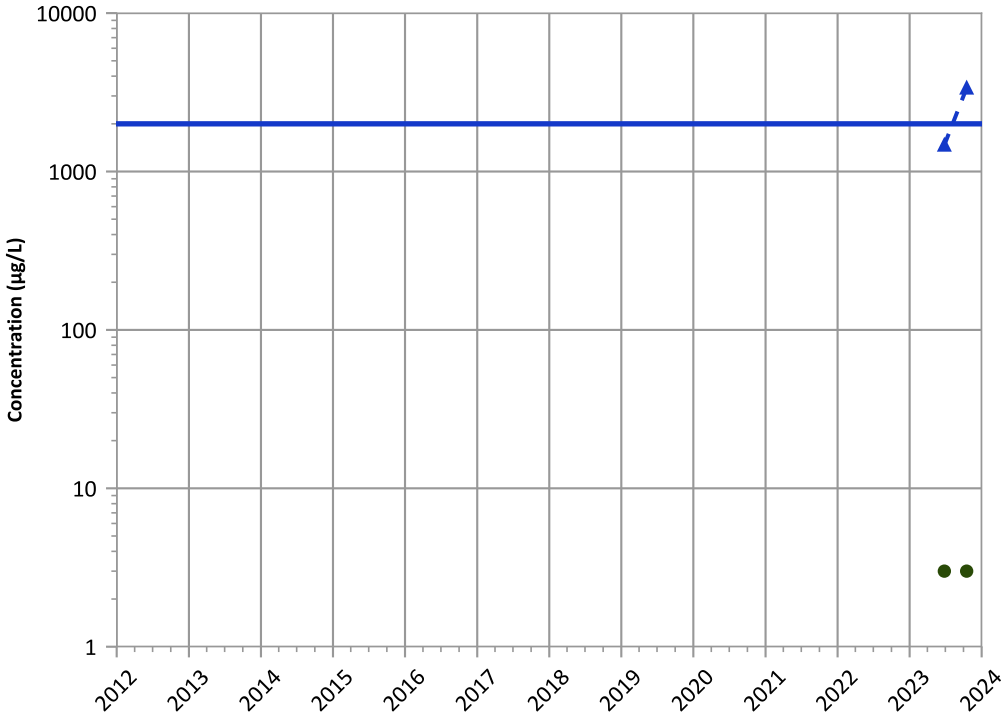


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

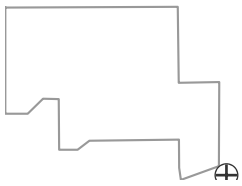
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

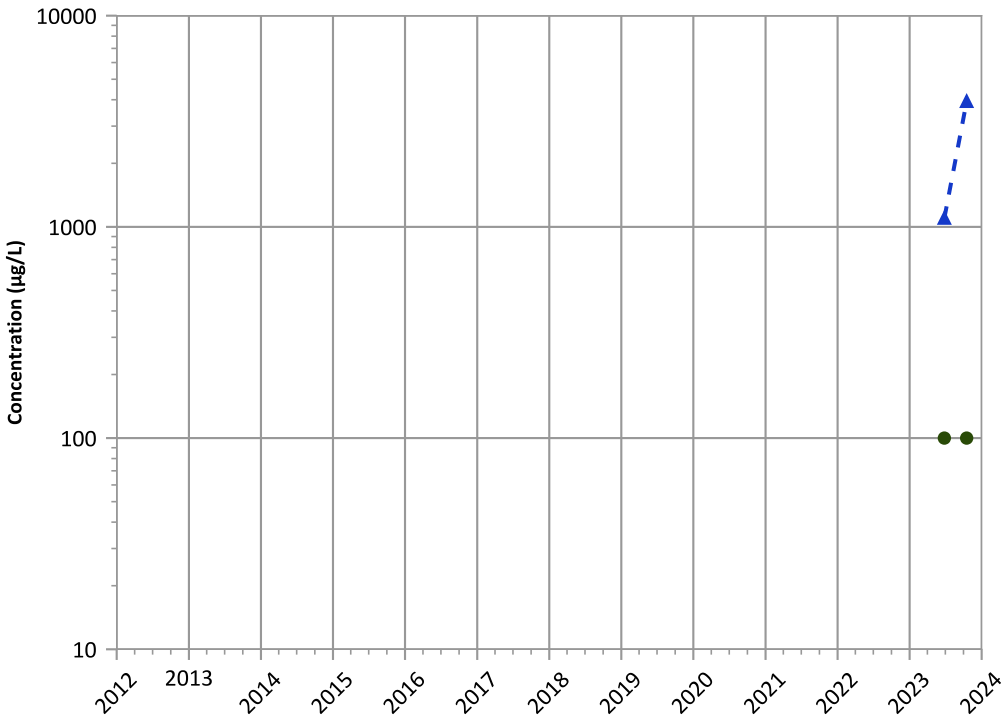
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

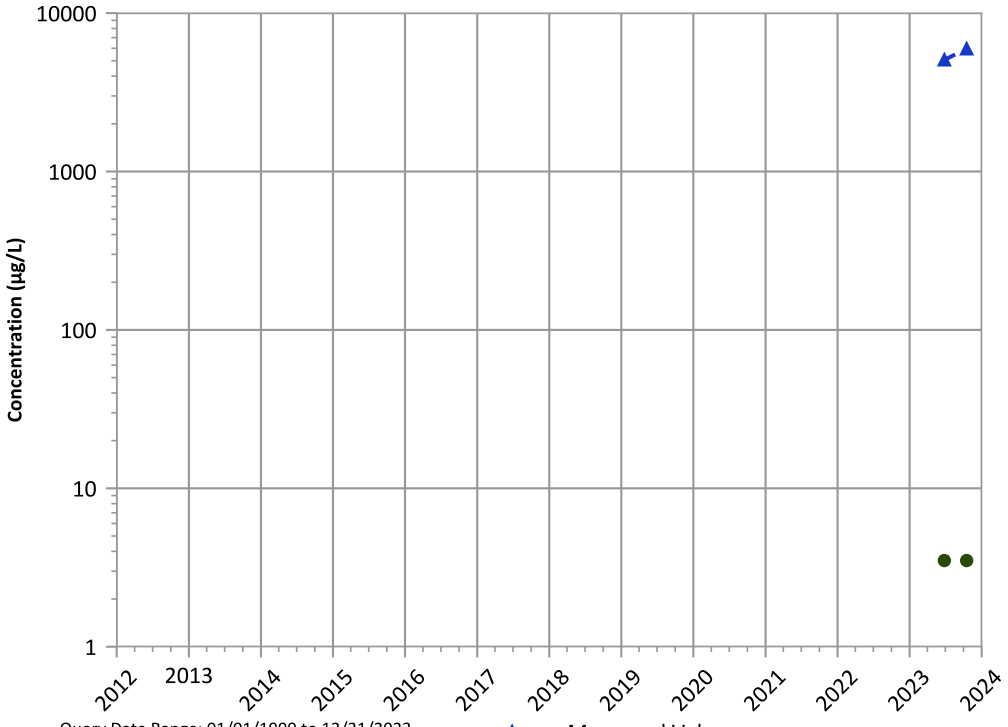


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Manganese Trend

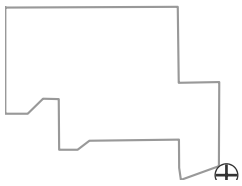


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

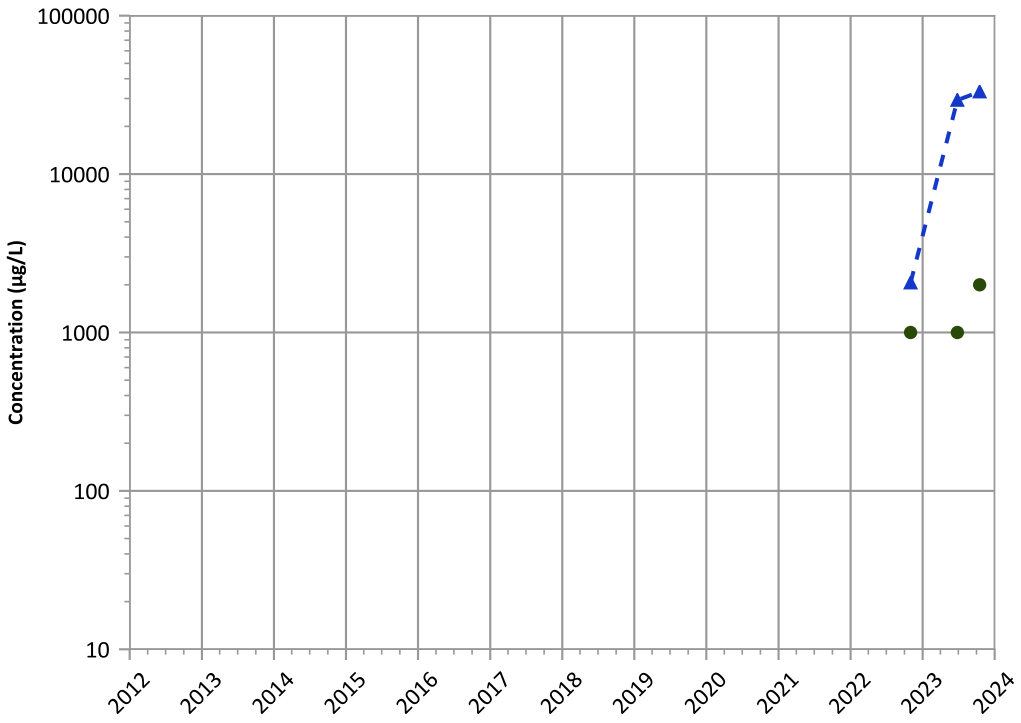


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

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

PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

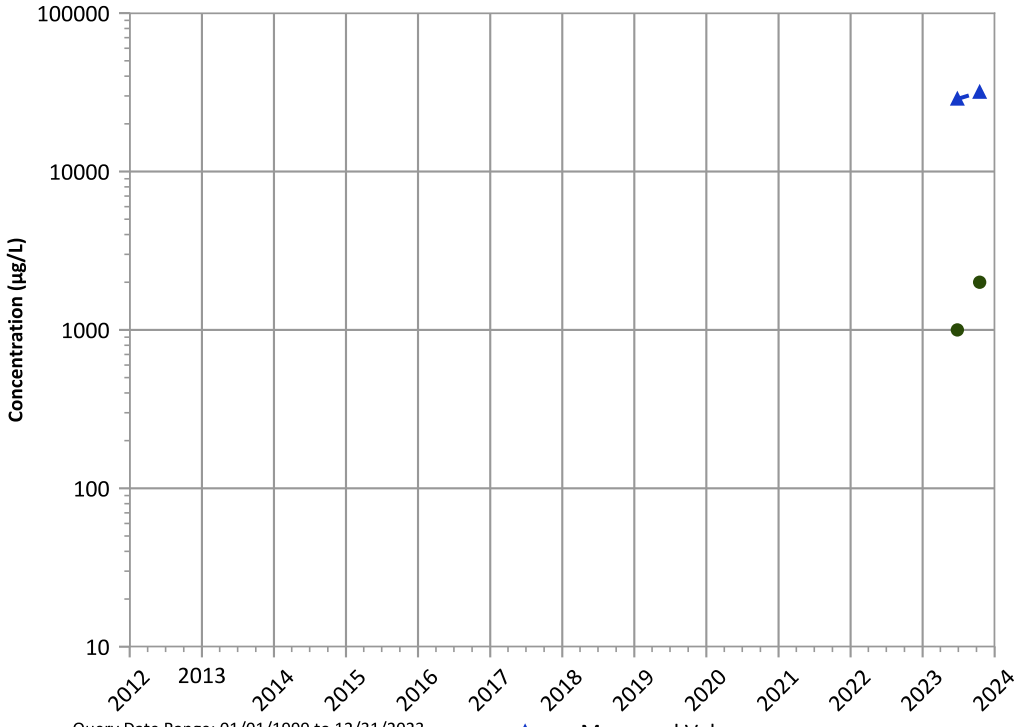


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

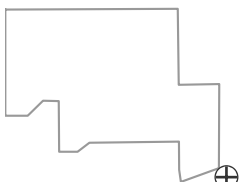
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

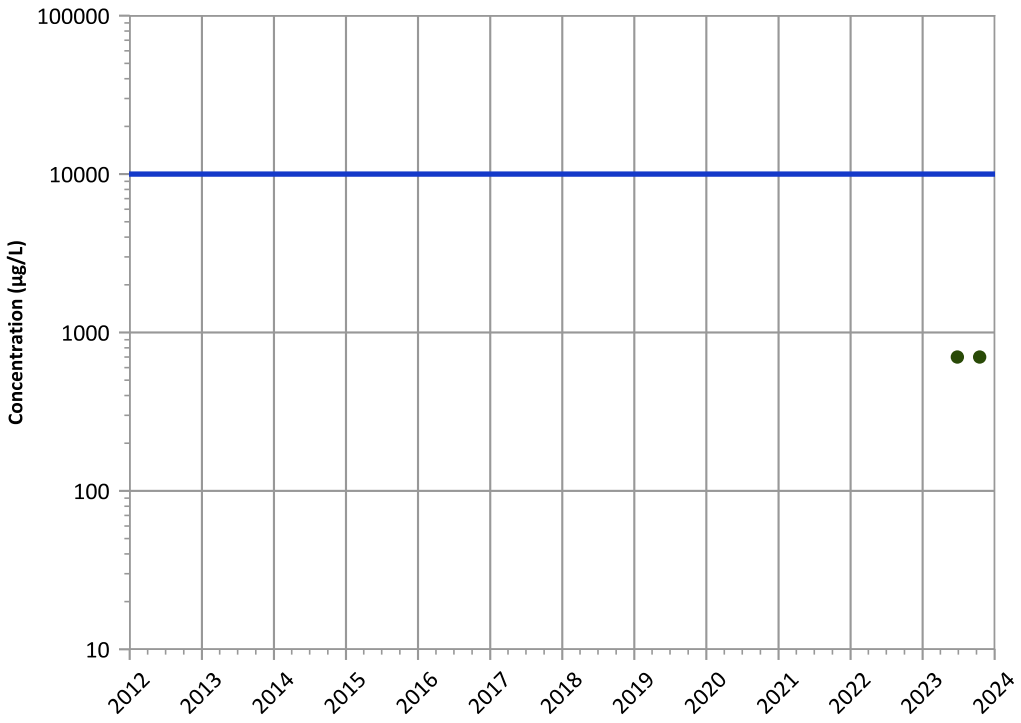
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1219 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

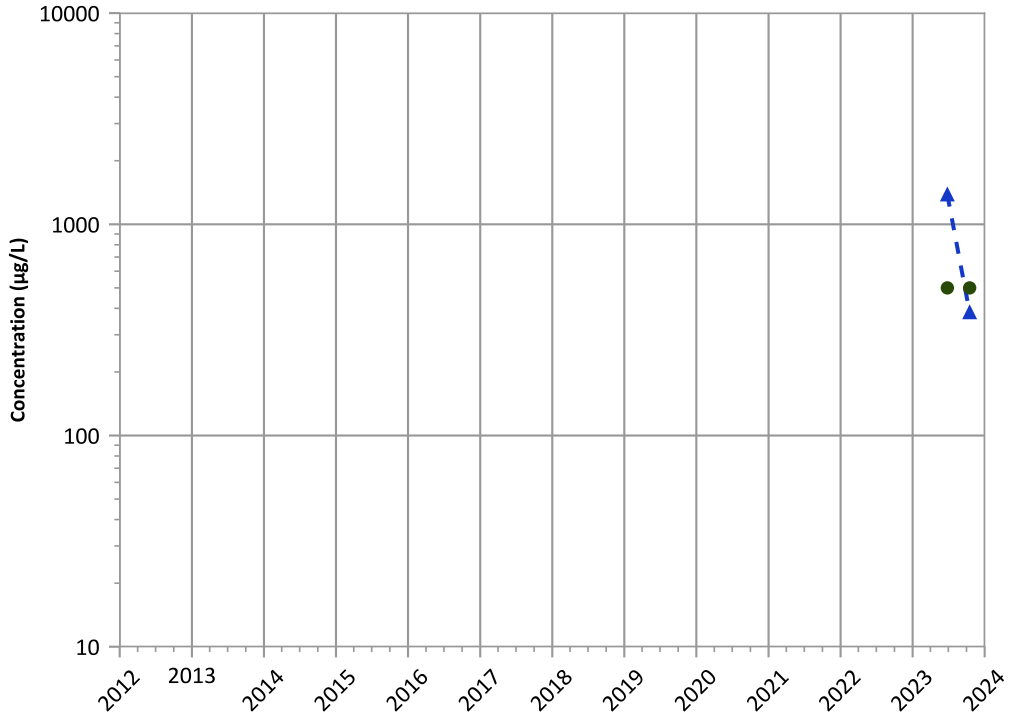


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

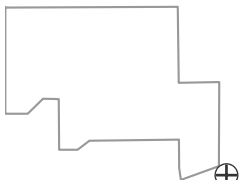
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

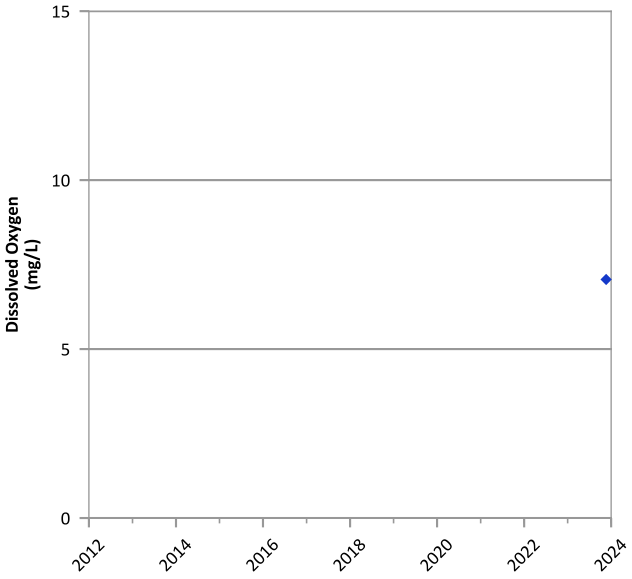
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2022 to 10/17/2023
Analysis Date: 04/01/2024

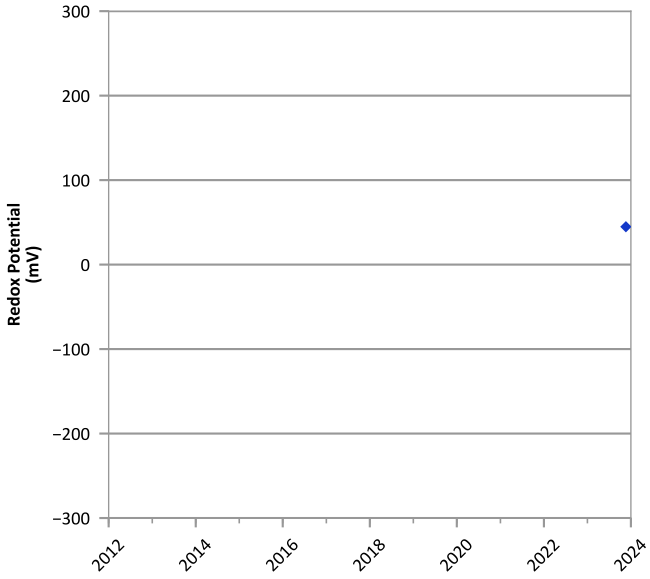
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

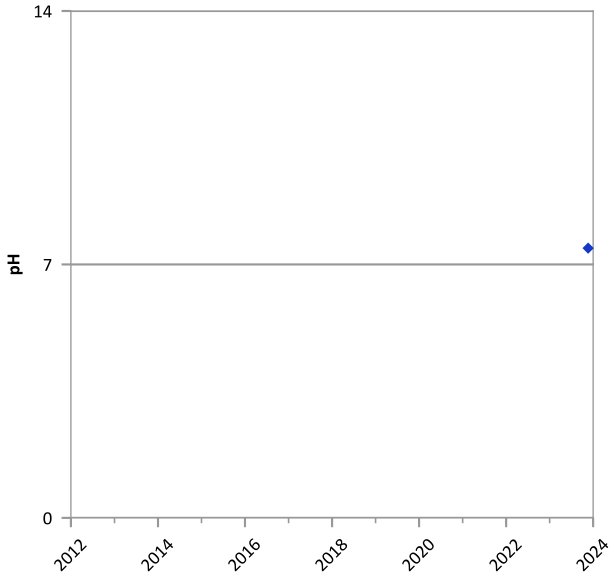
Well Location

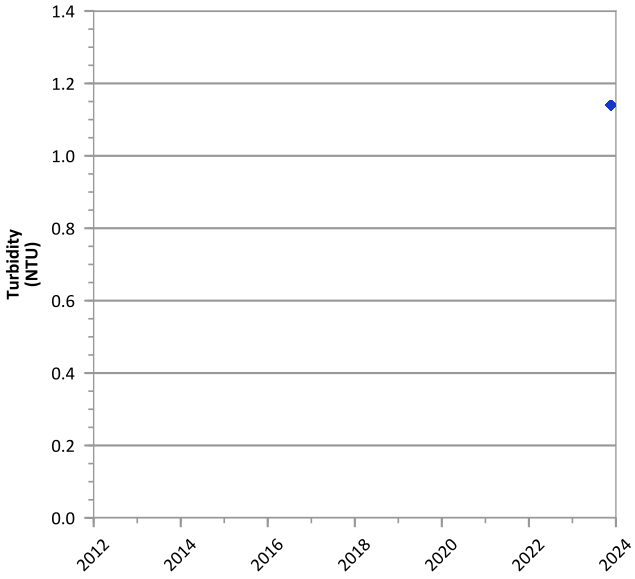


PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

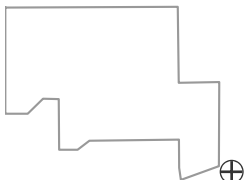






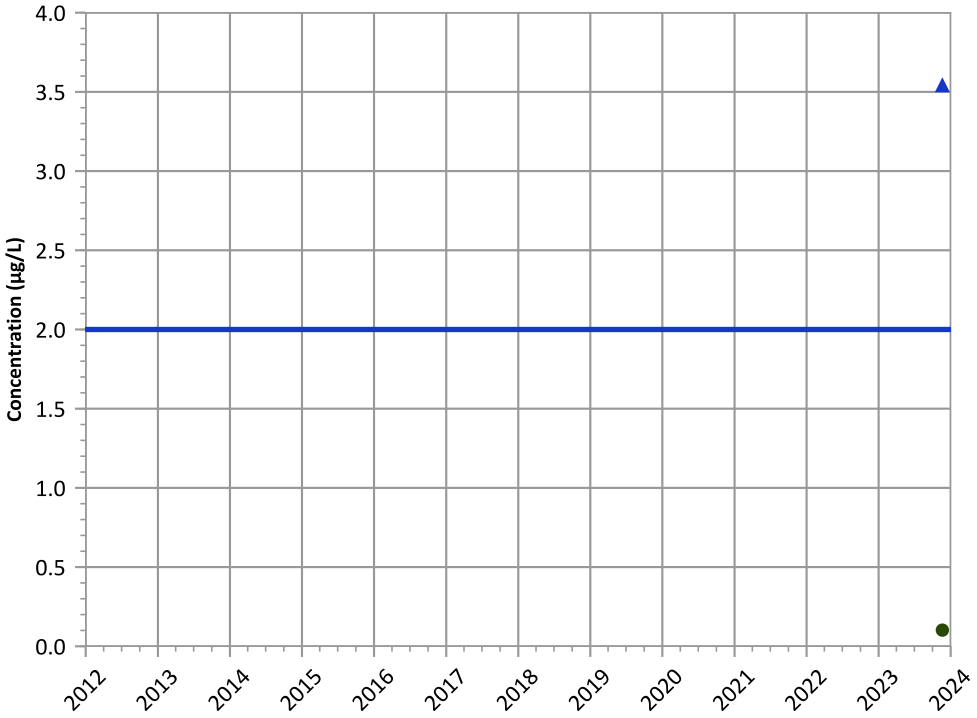


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

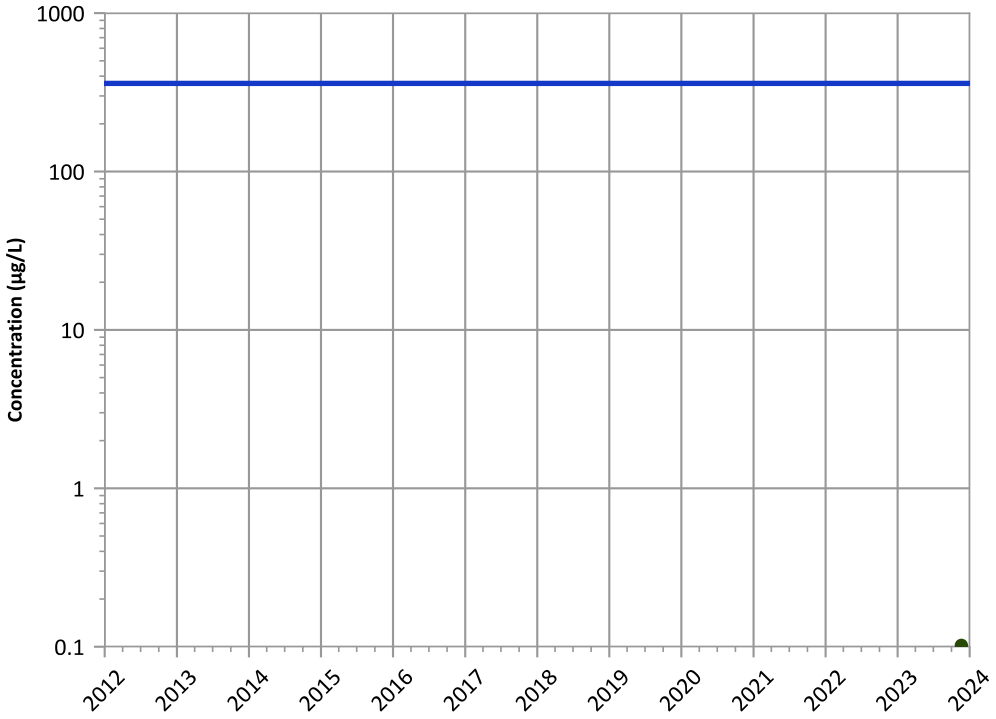


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

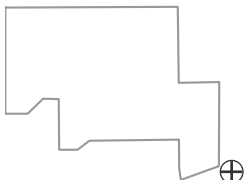
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

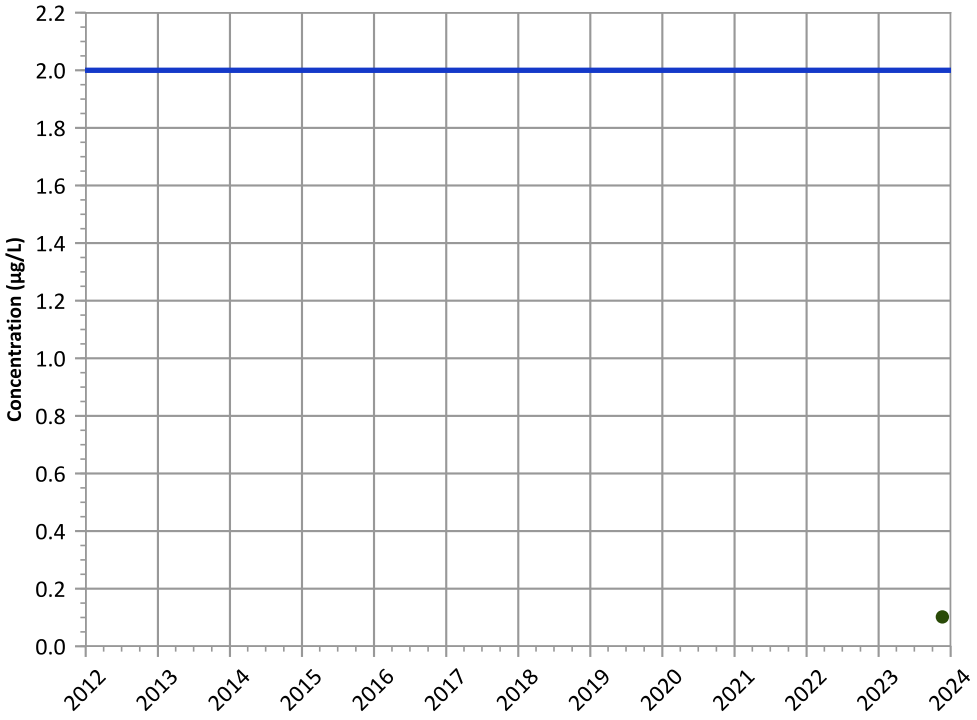
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

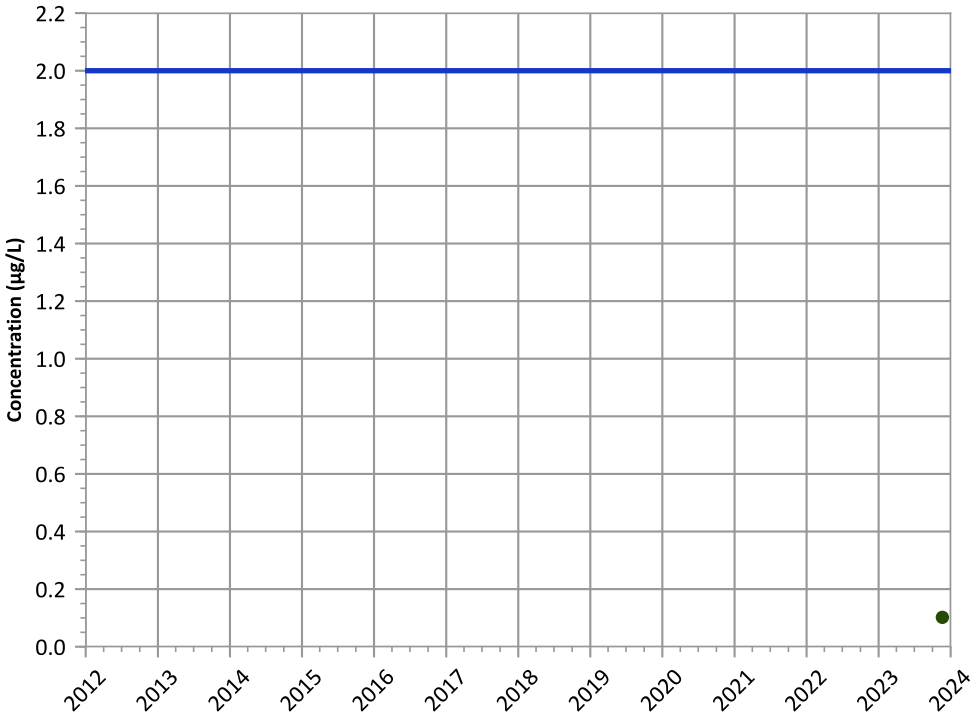


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

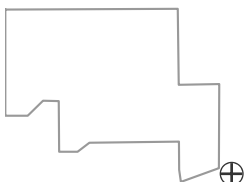
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

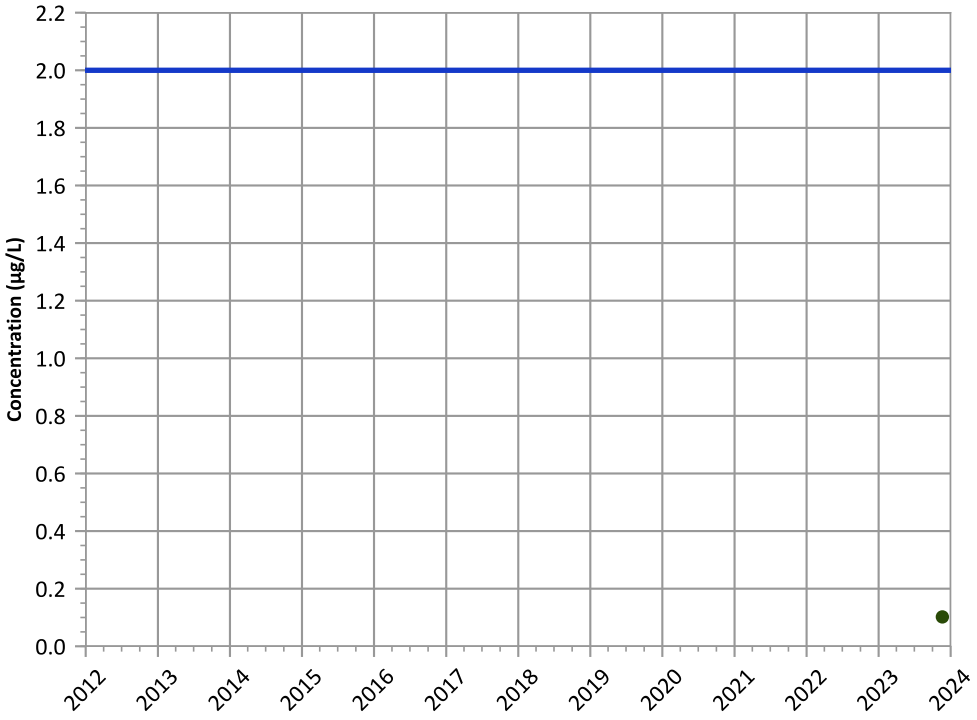
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

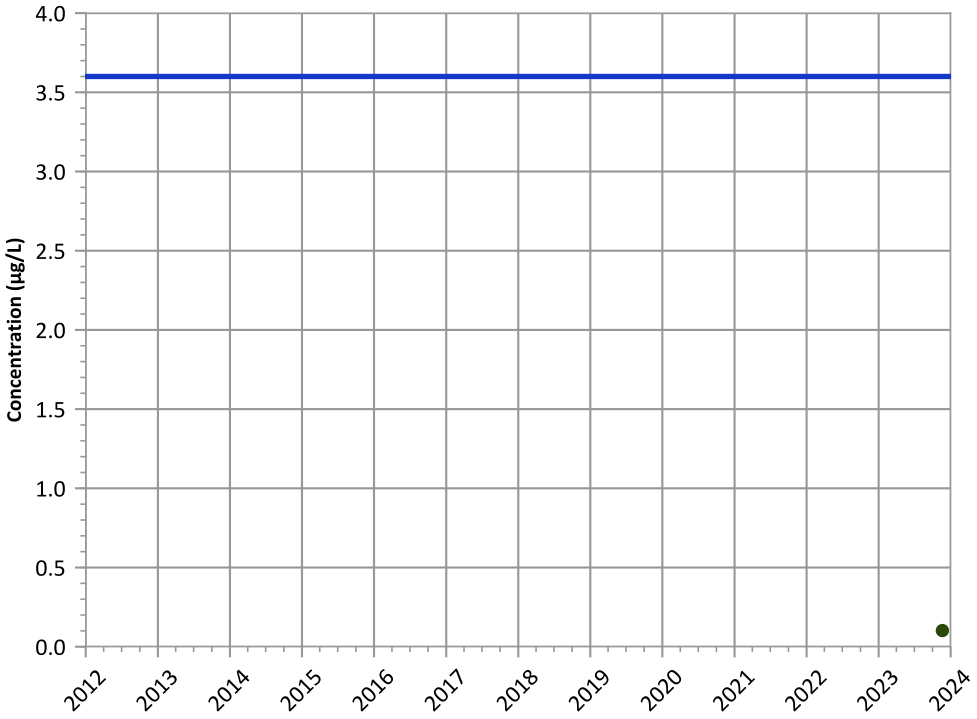


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend

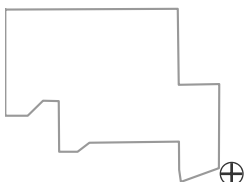
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

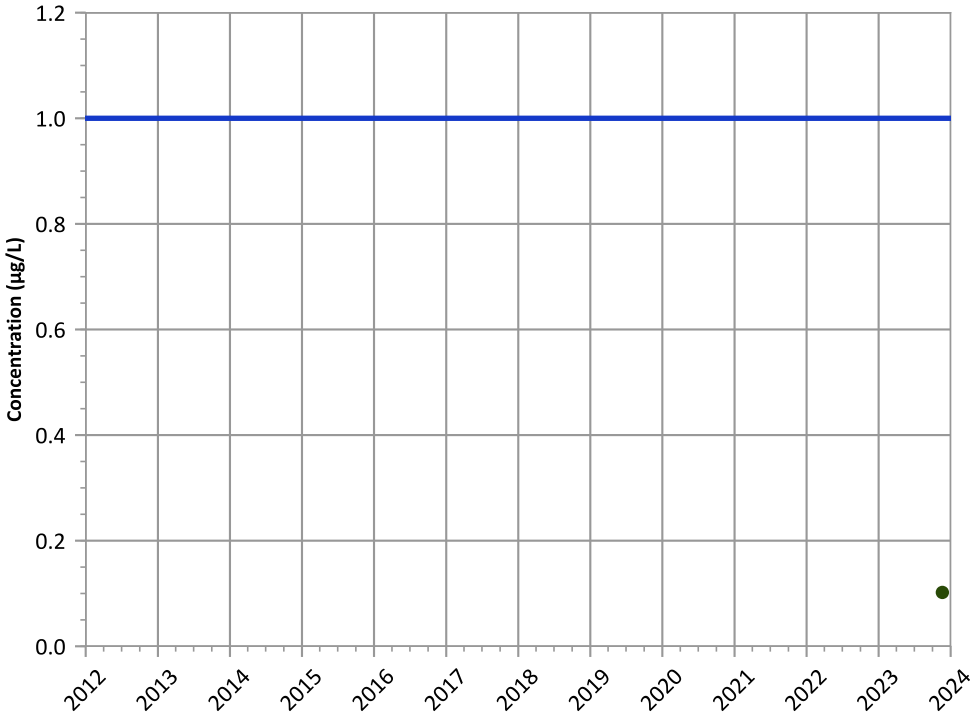
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,4-Dinitrotoluene Trend

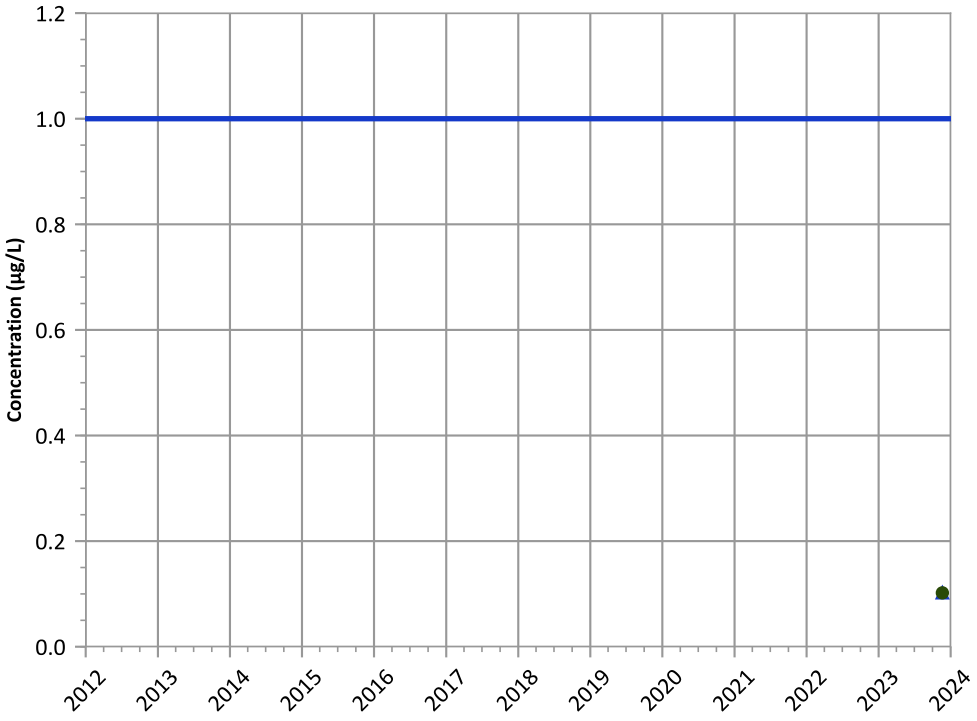


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,6-Dinitrotoluene Trend



Concentration Trend

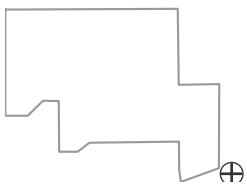
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

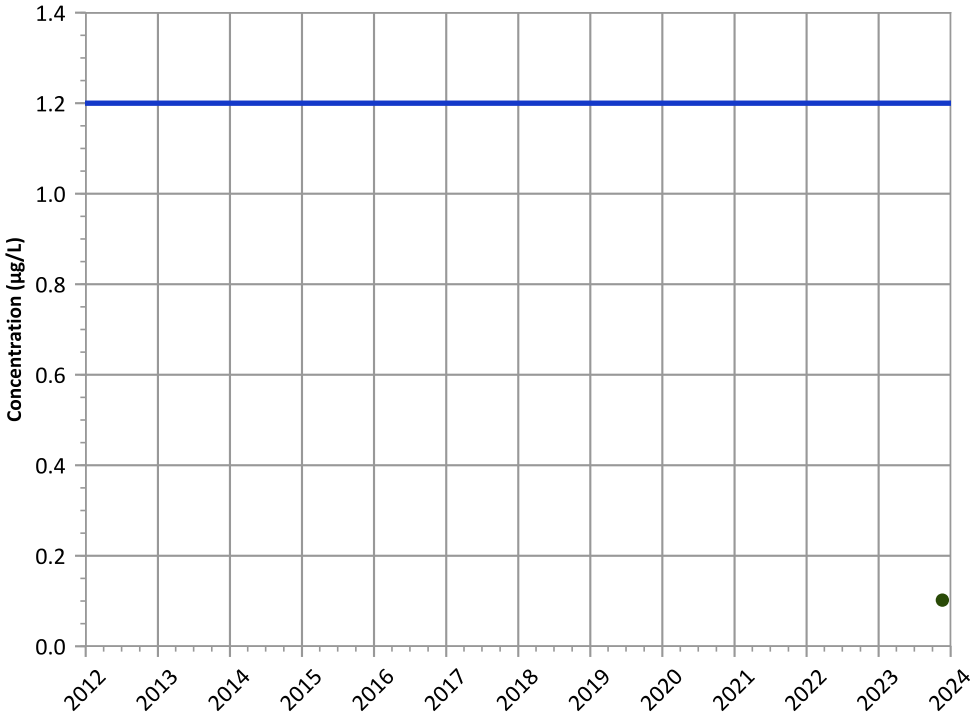
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

2-Amino-4,6-Dinitrotoluene Trend

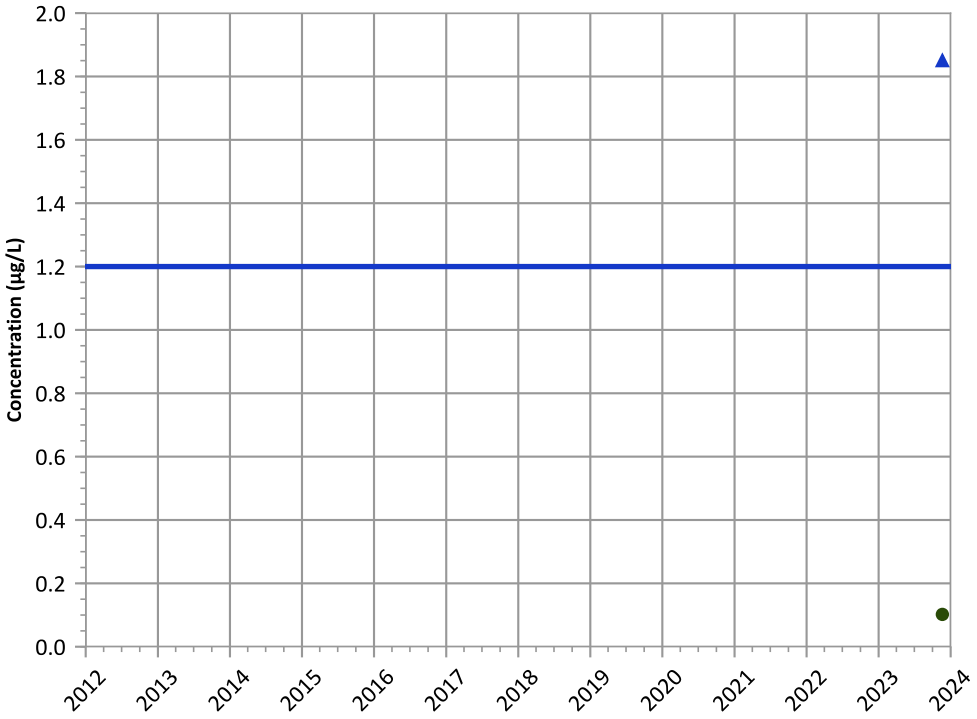


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

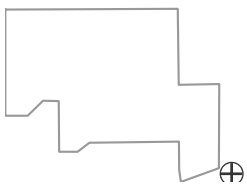
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

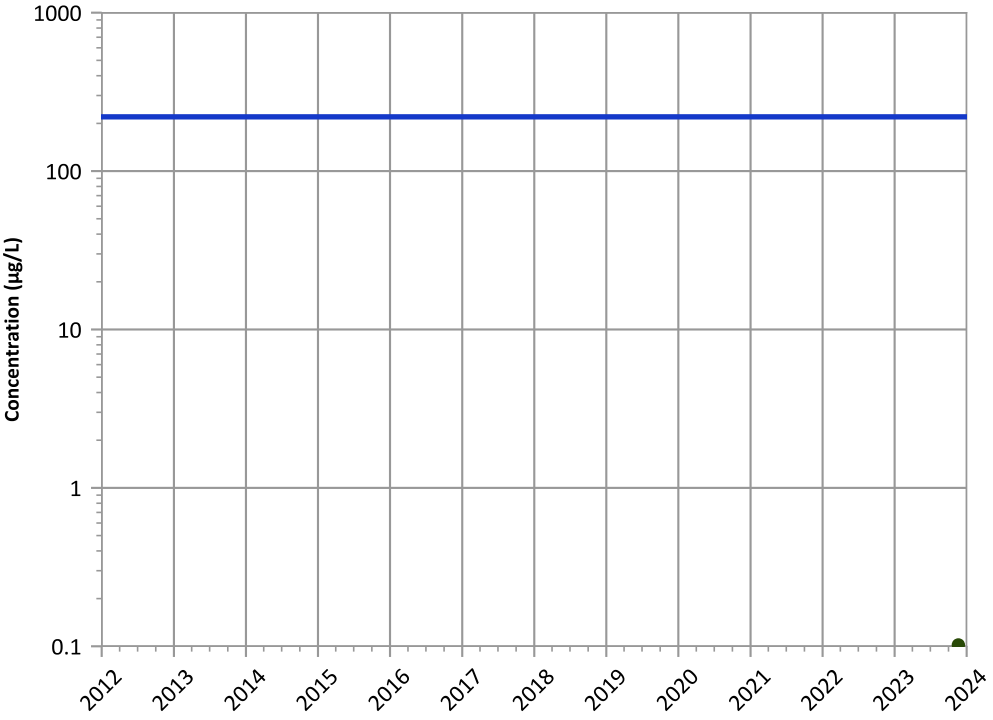
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3,5-Trinitrobenzene Trend

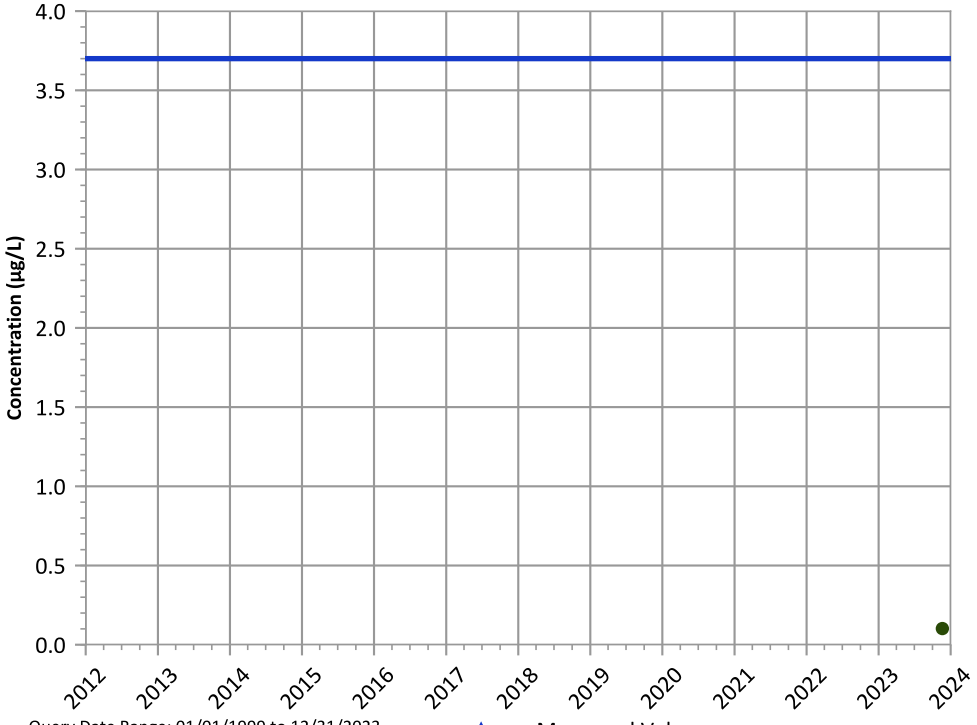


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,3-Dinitrobenzene Trend



Concentration Trend

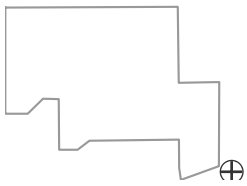
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

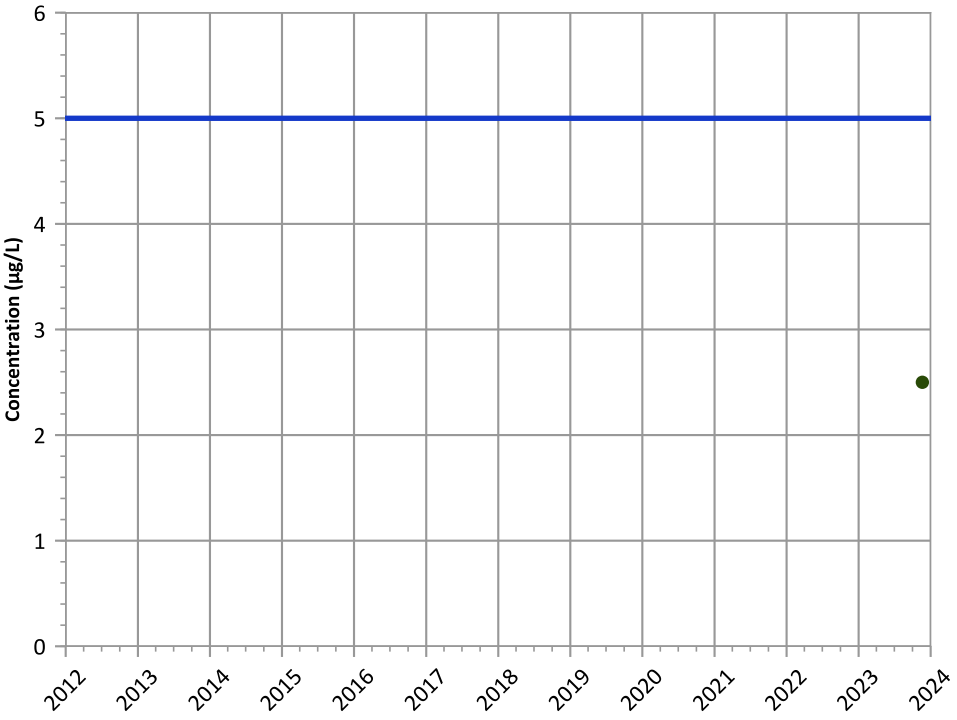
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

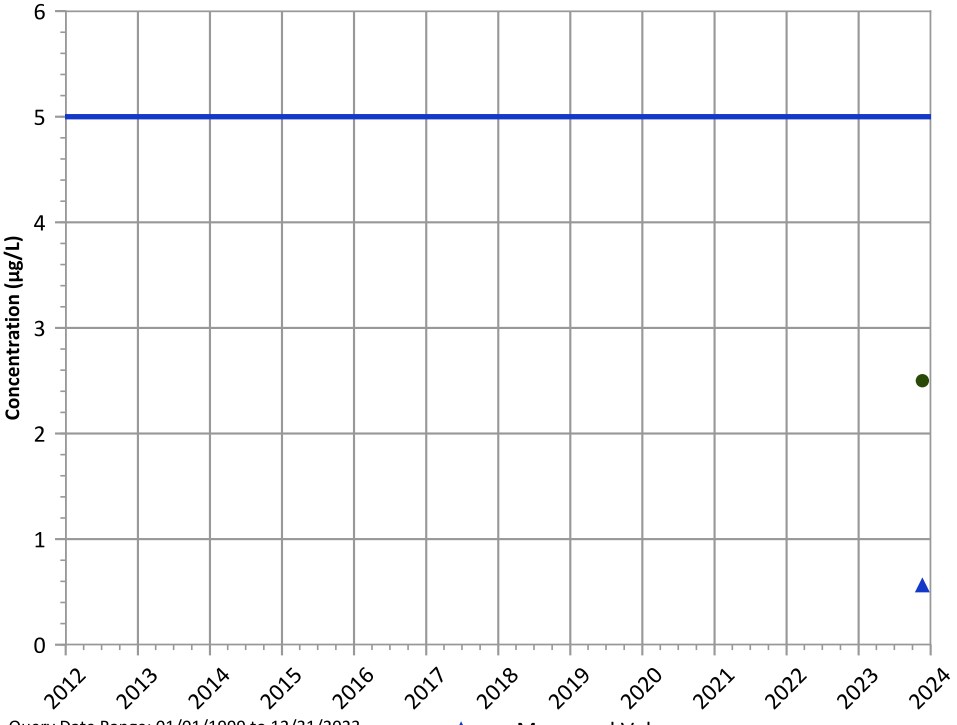


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

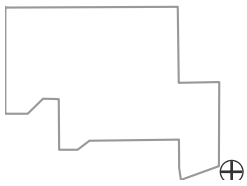
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

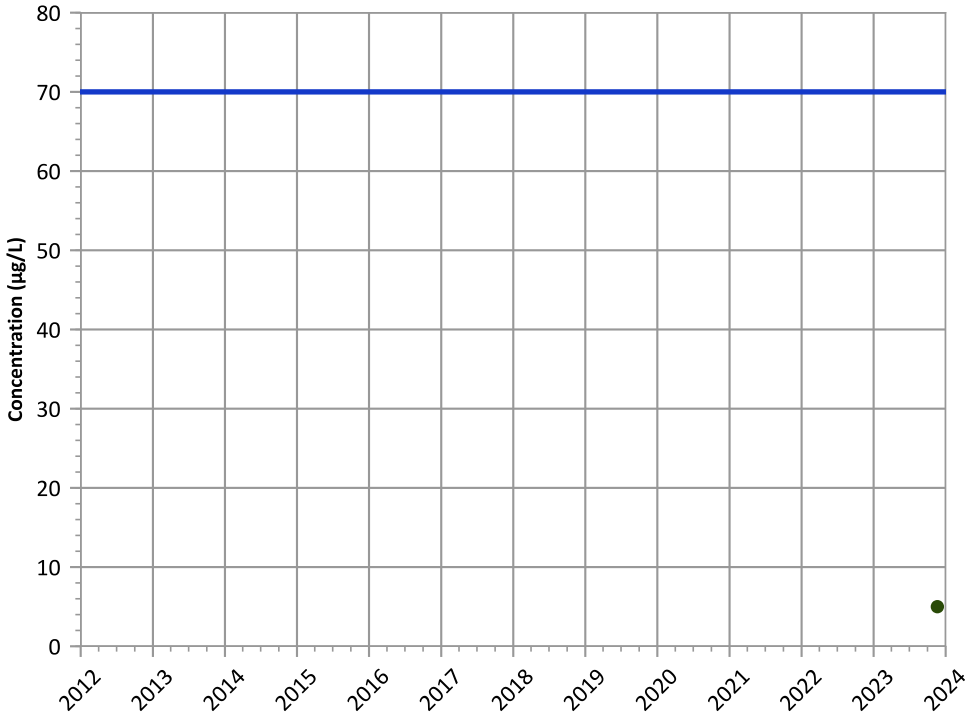
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

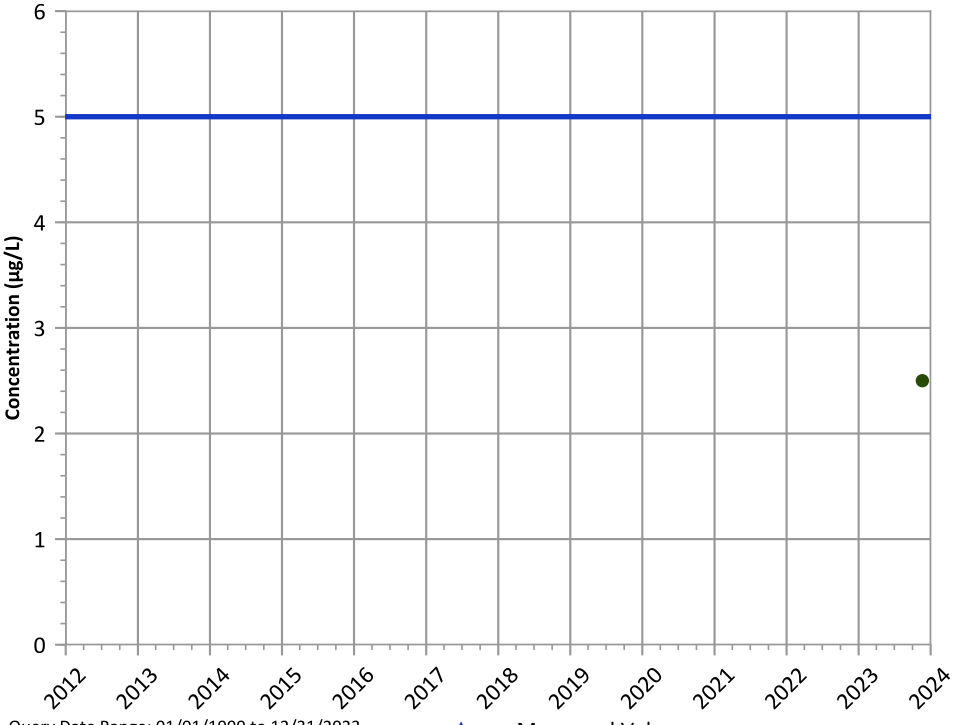


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

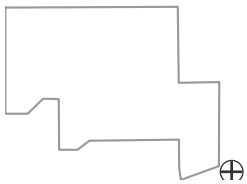
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

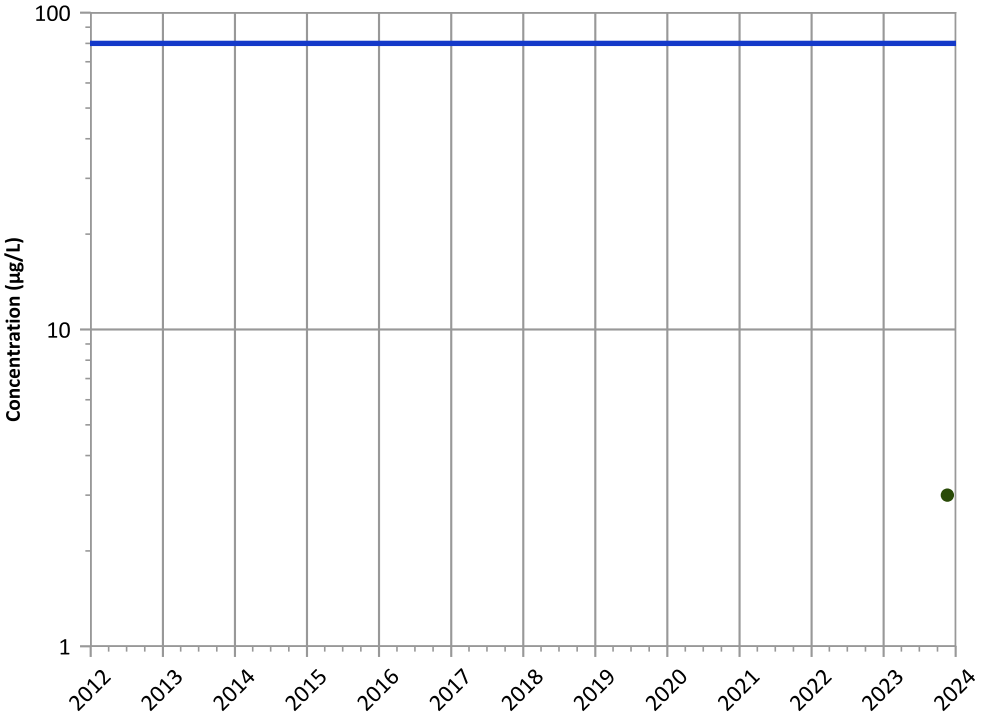
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

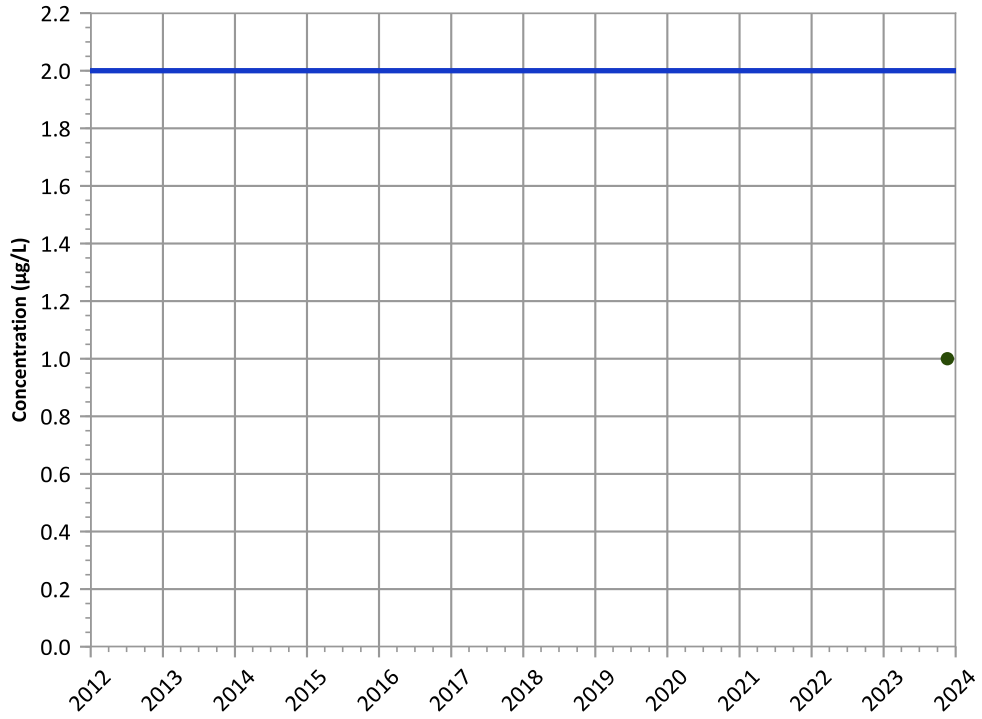


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

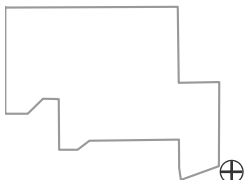
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

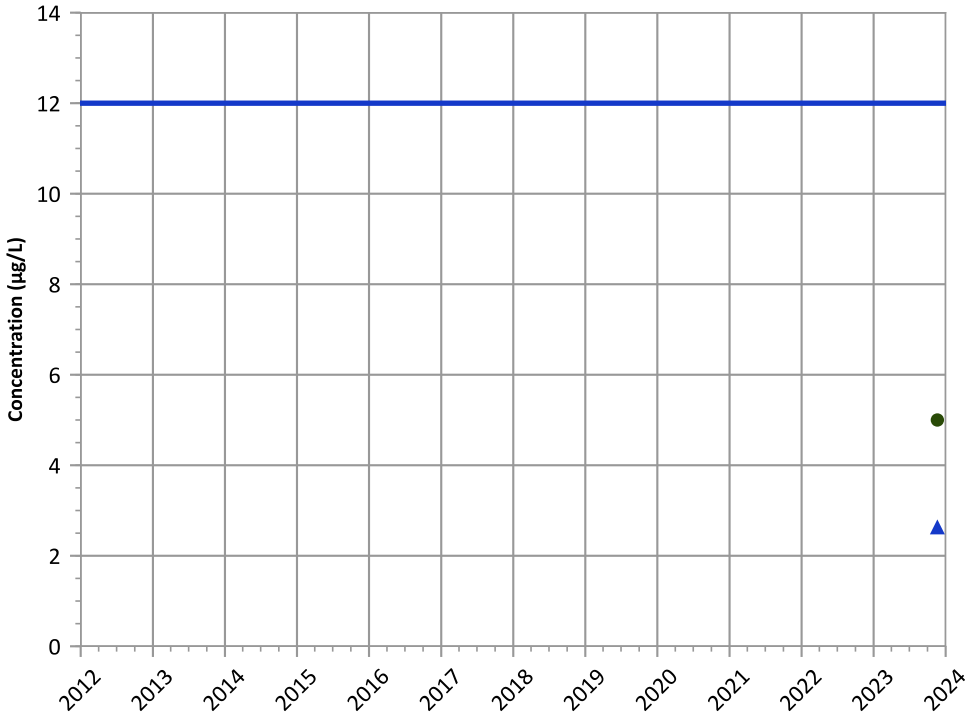
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

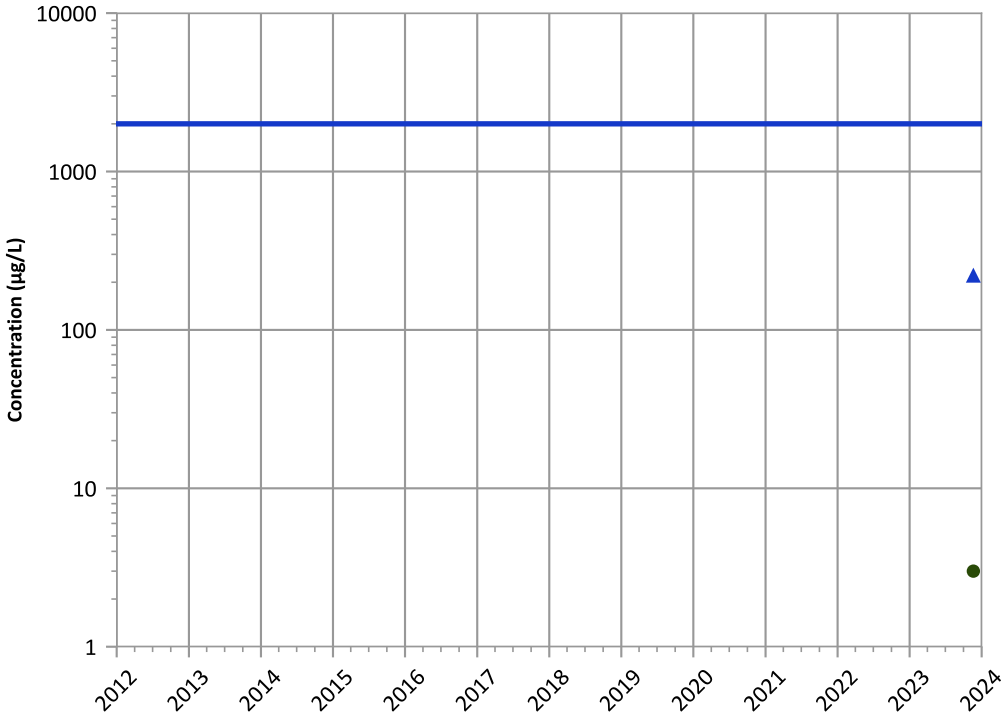


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

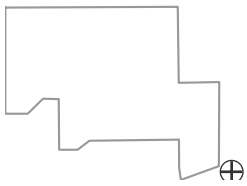
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

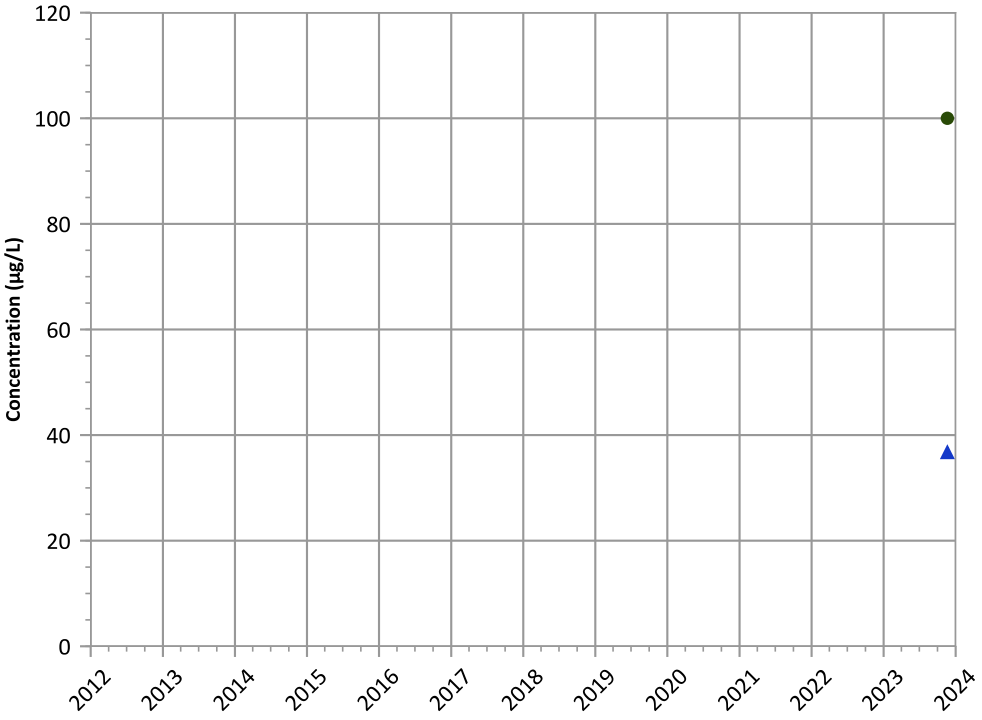
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

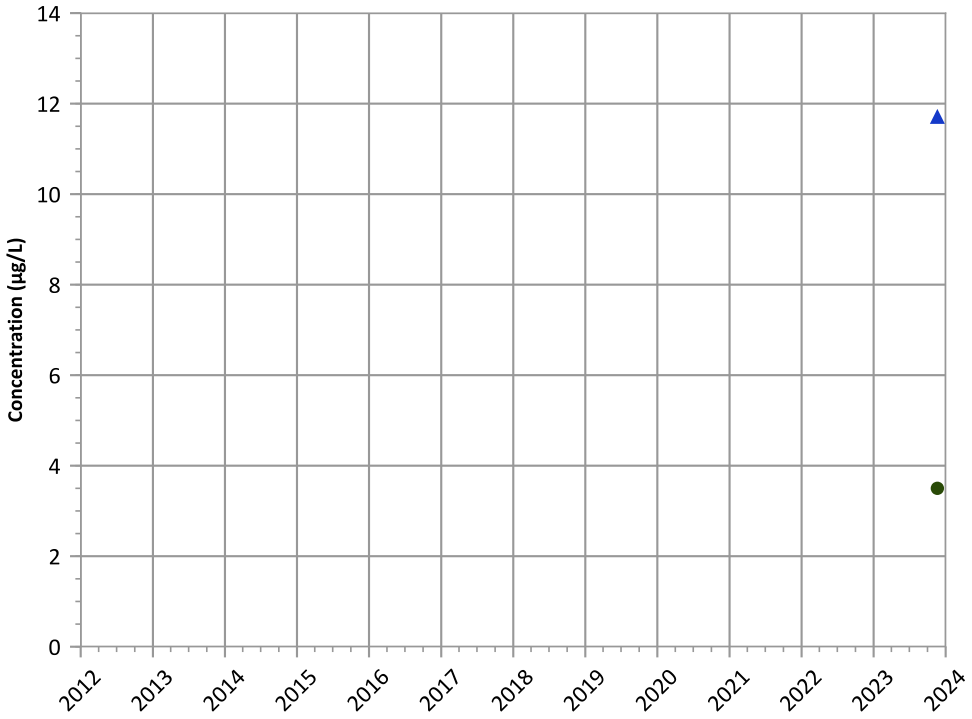


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

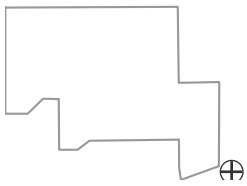
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

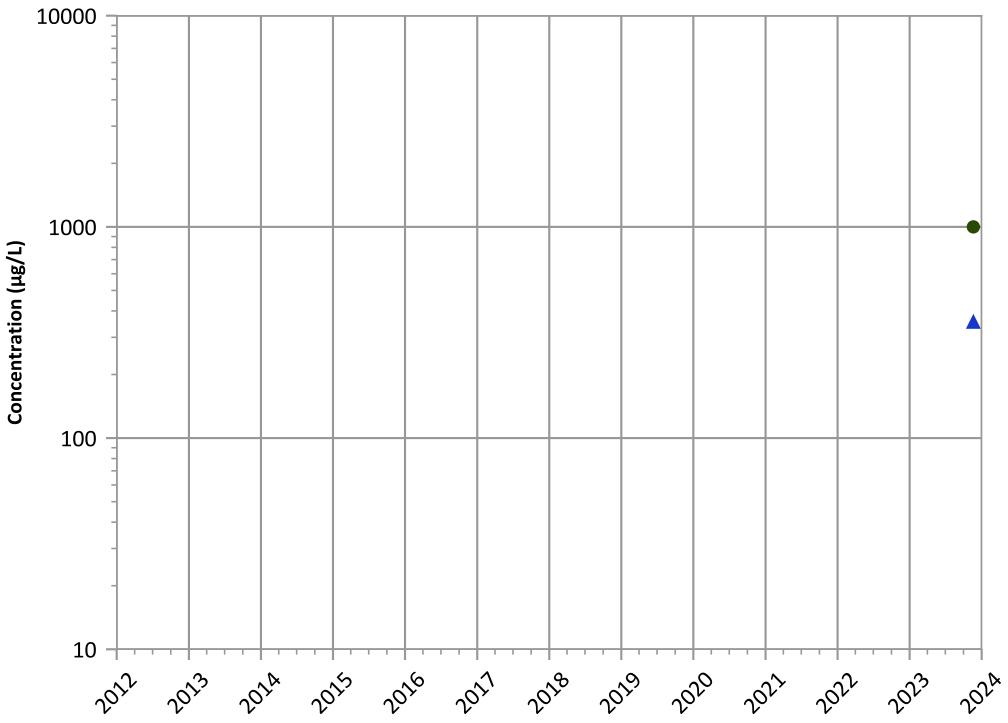
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

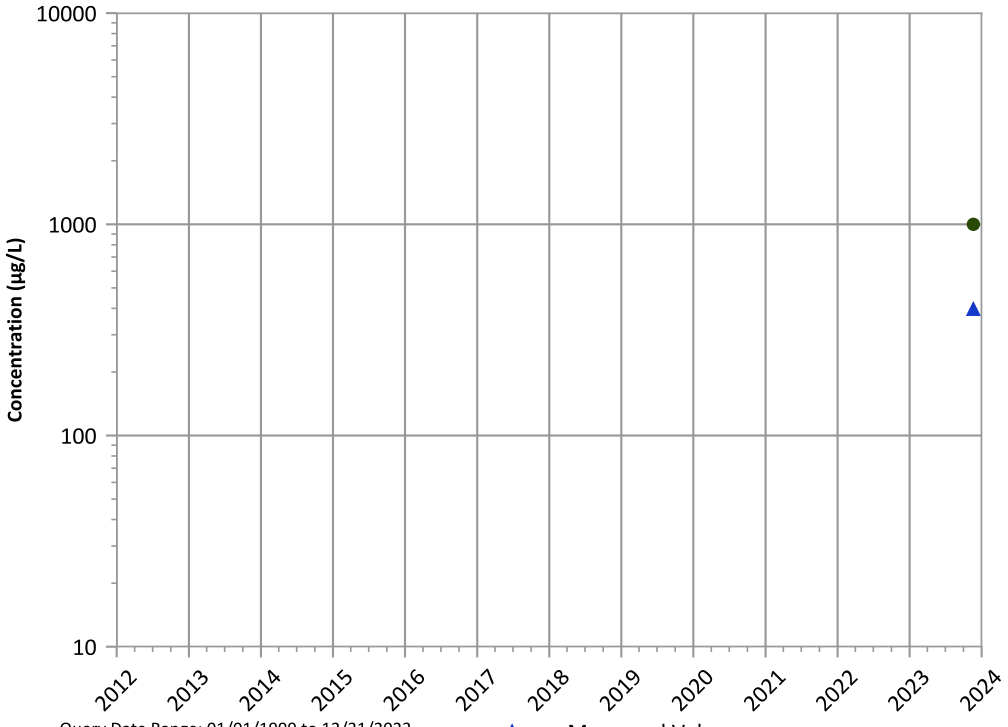


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

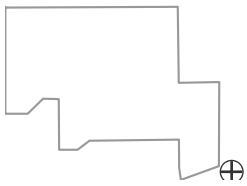
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

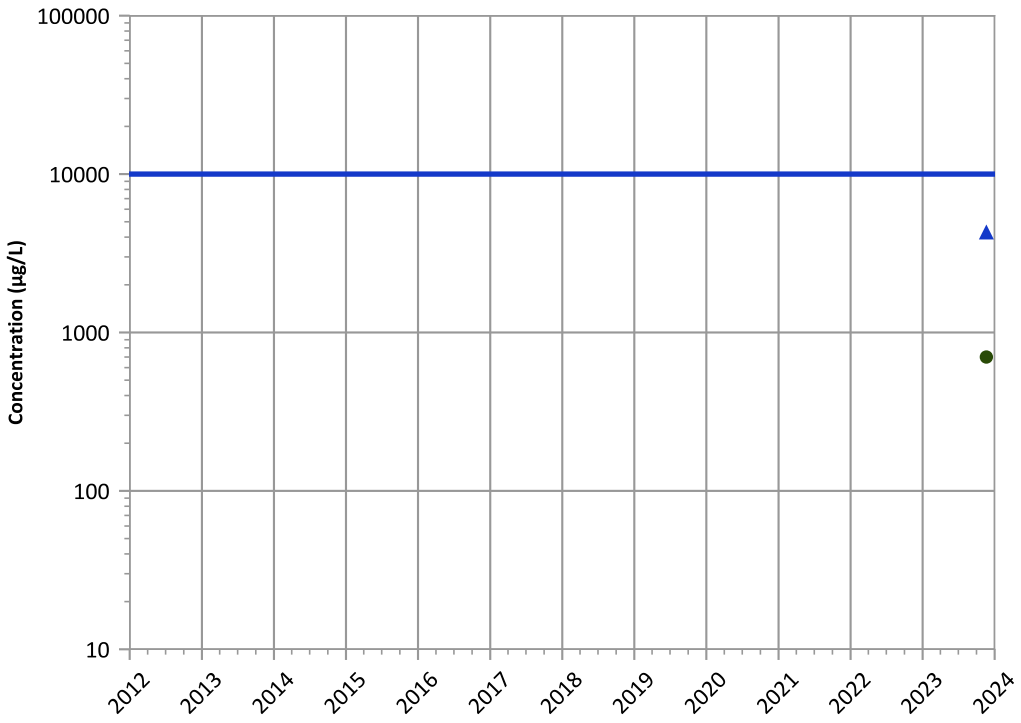
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1221 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

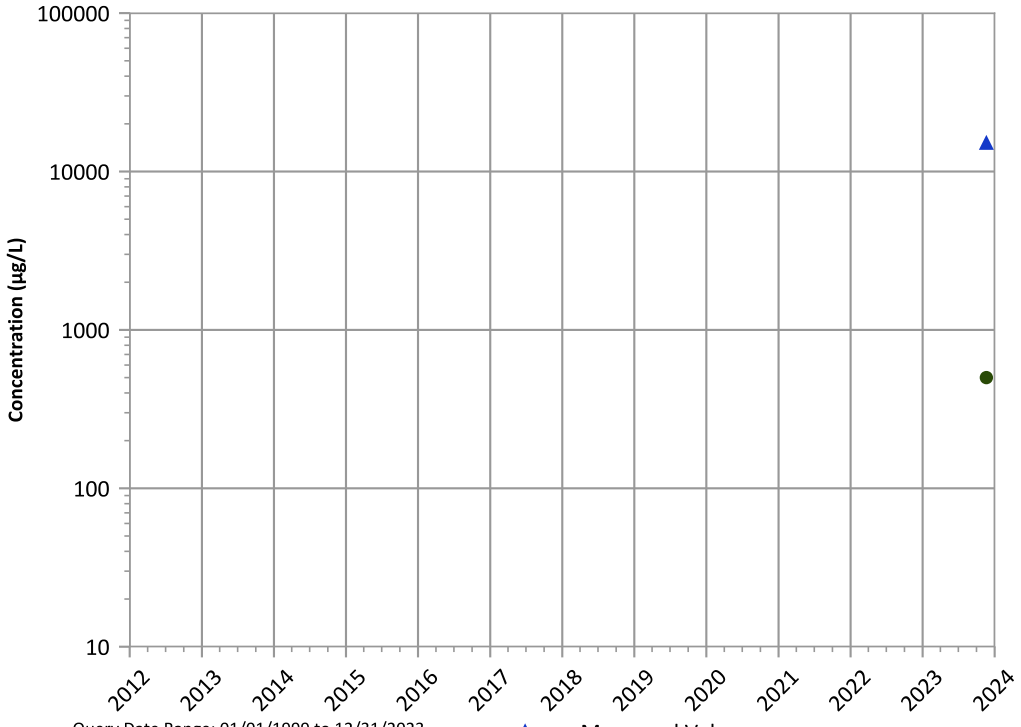


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

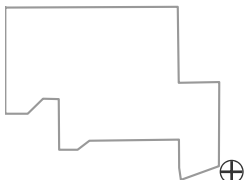
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

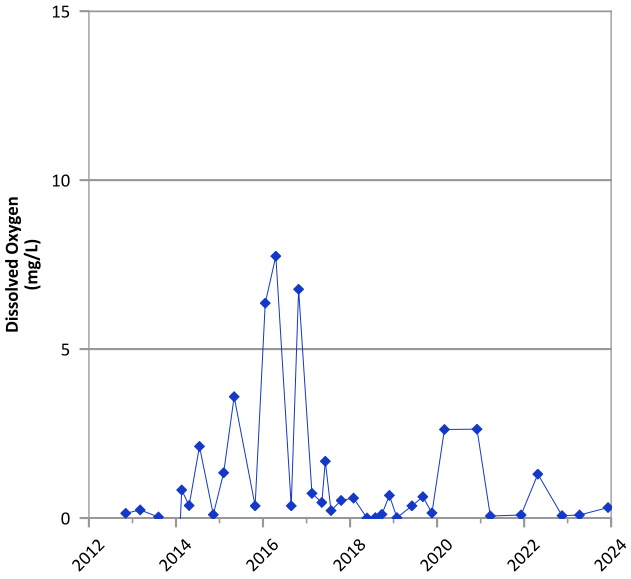
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/20/2023 to 11/20/2023
Analysis Date: 04/01/2024

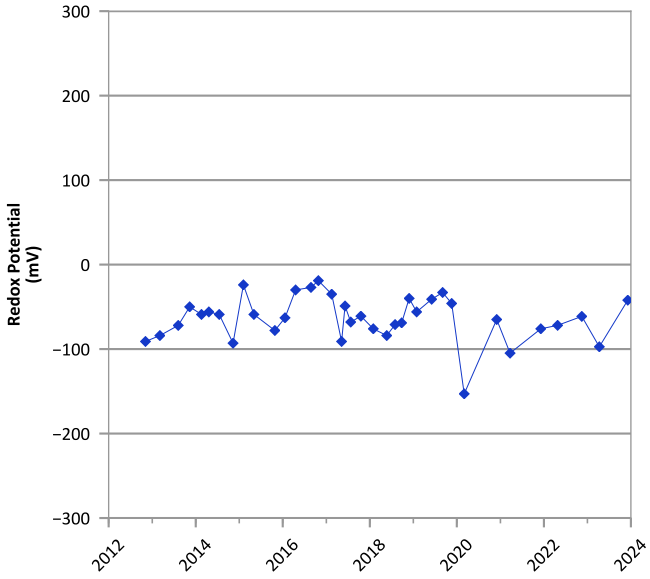
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

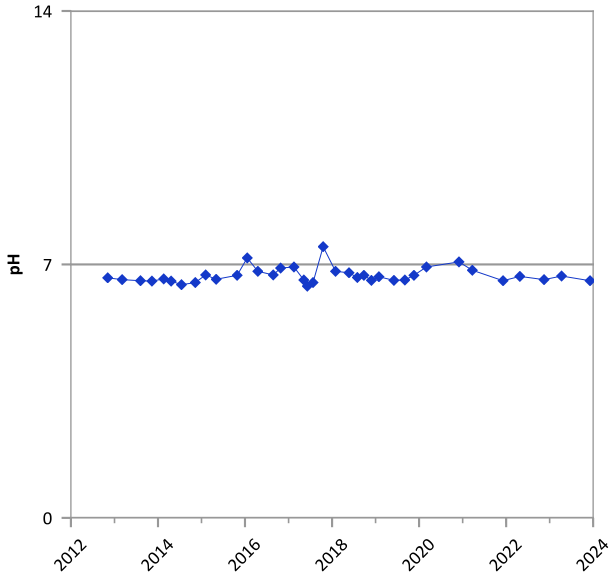
Well Location

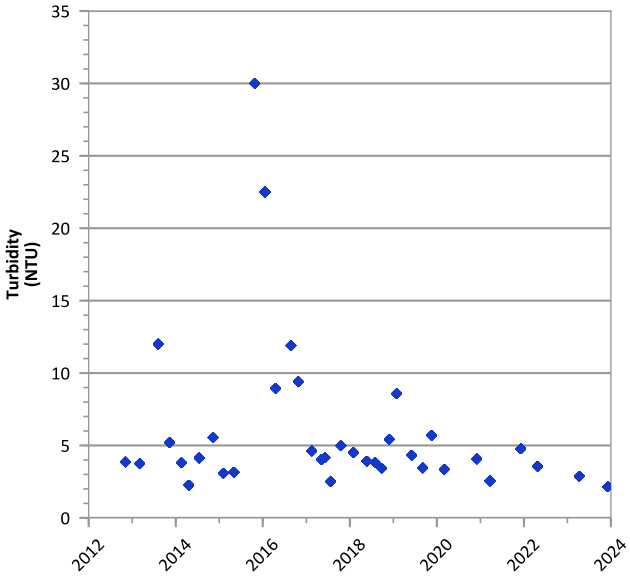


PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

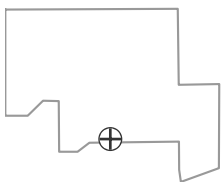






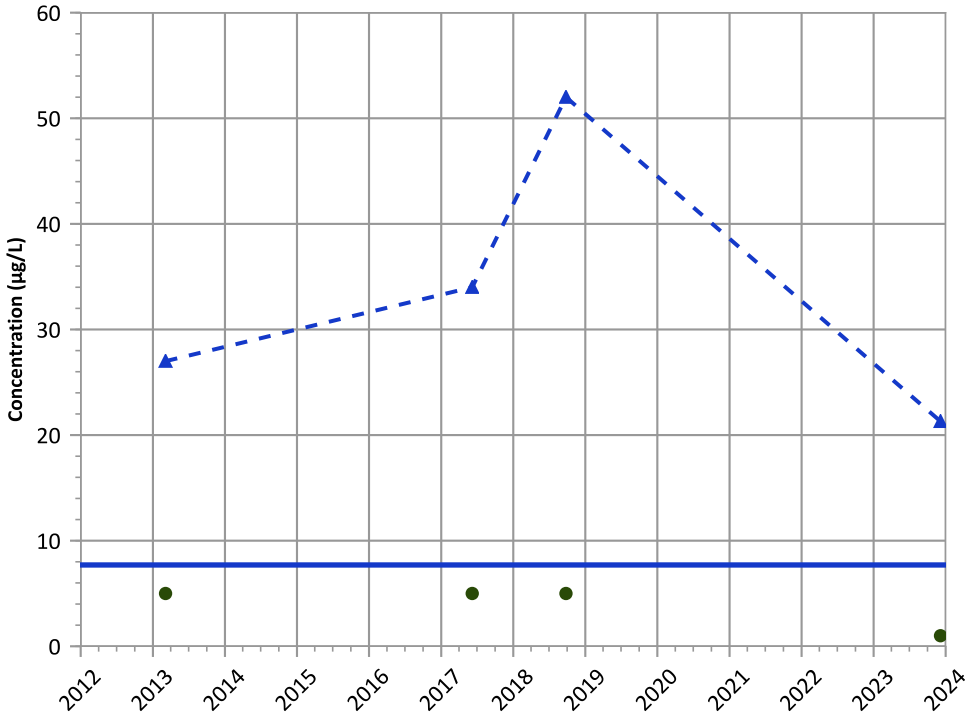


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

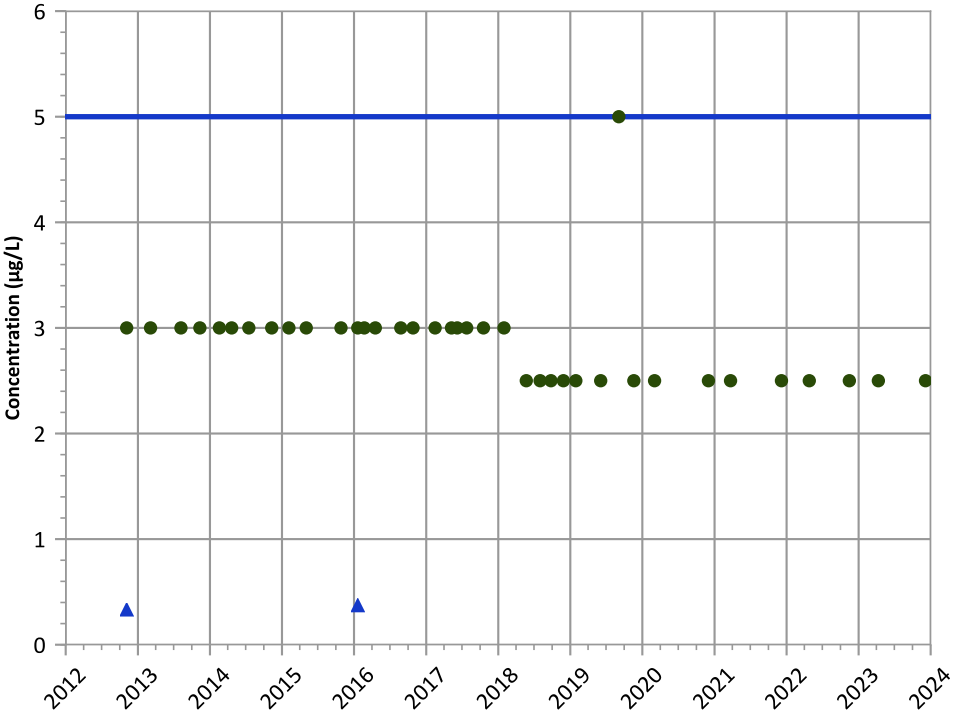


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

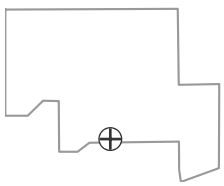
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

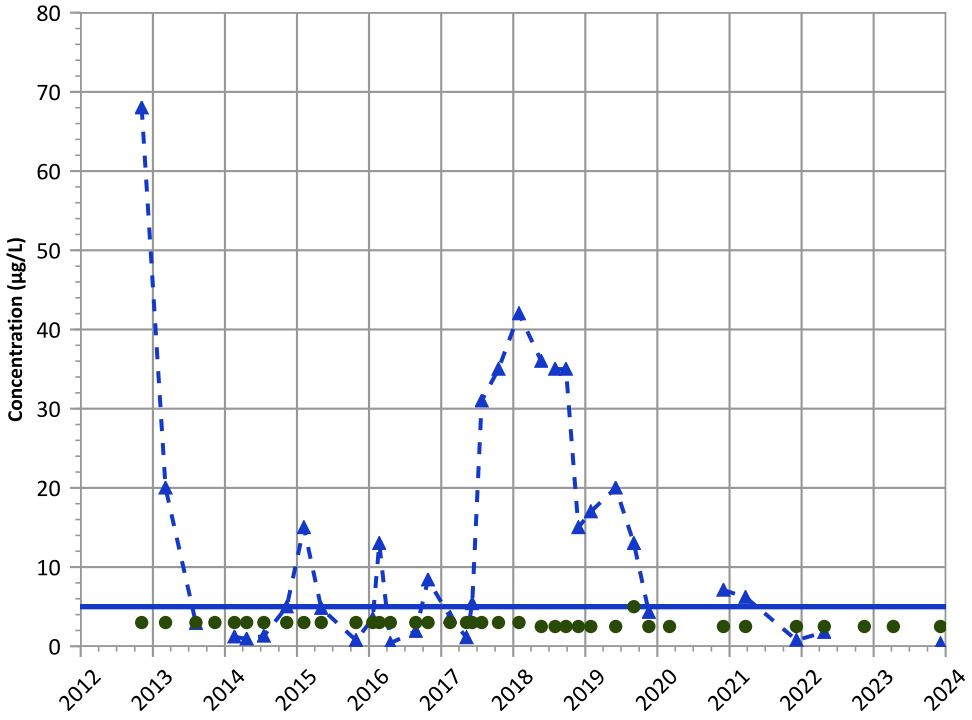
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

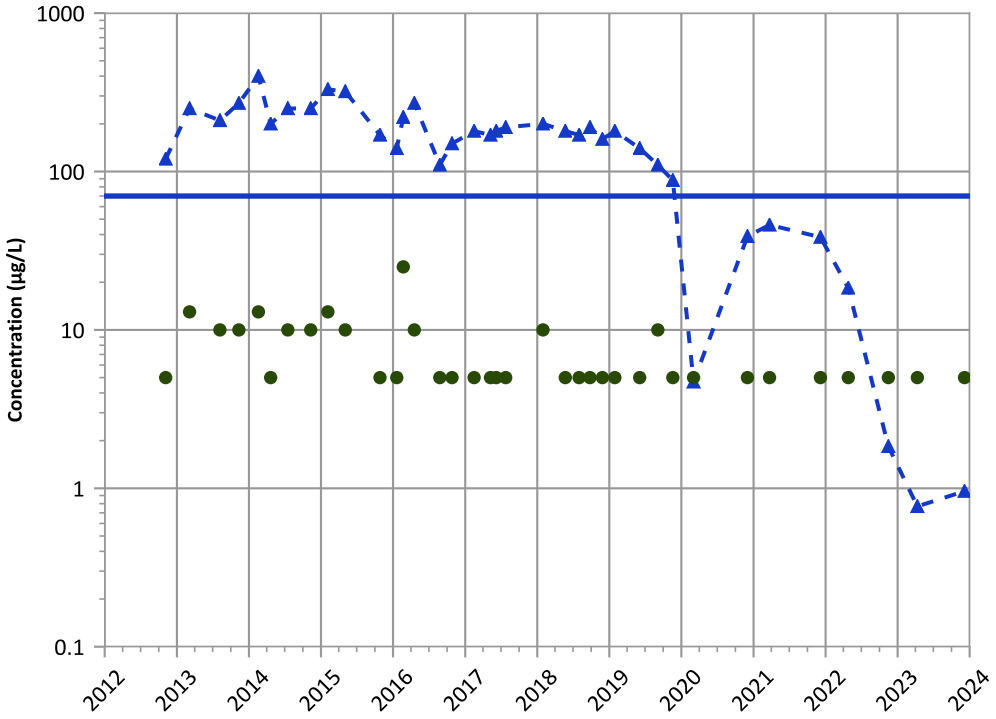


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

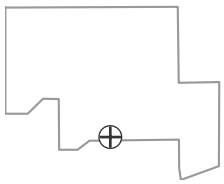
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

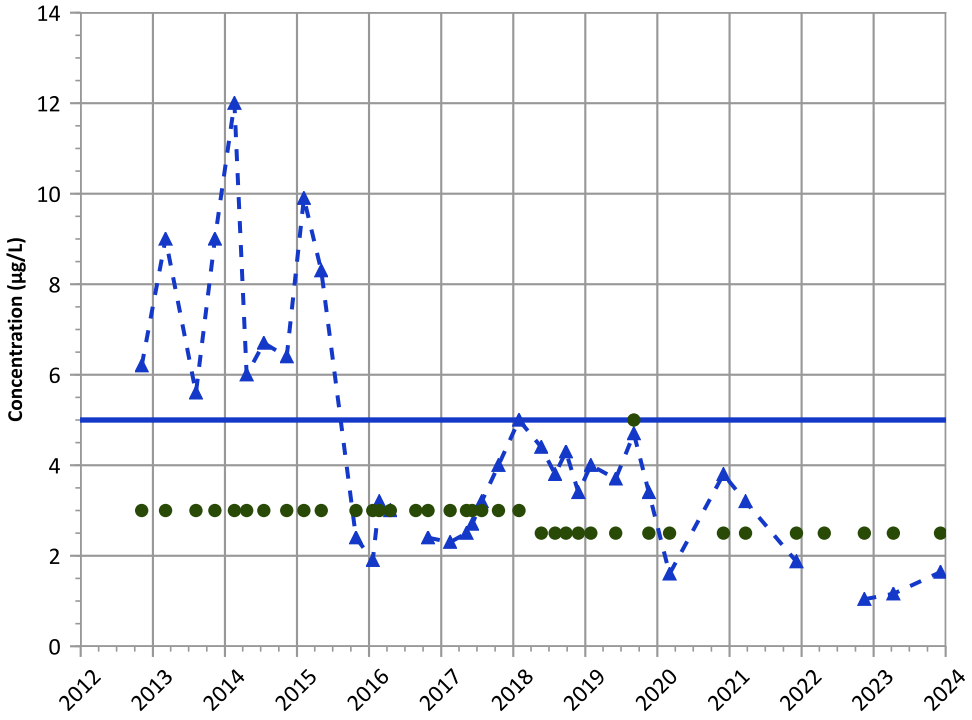
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

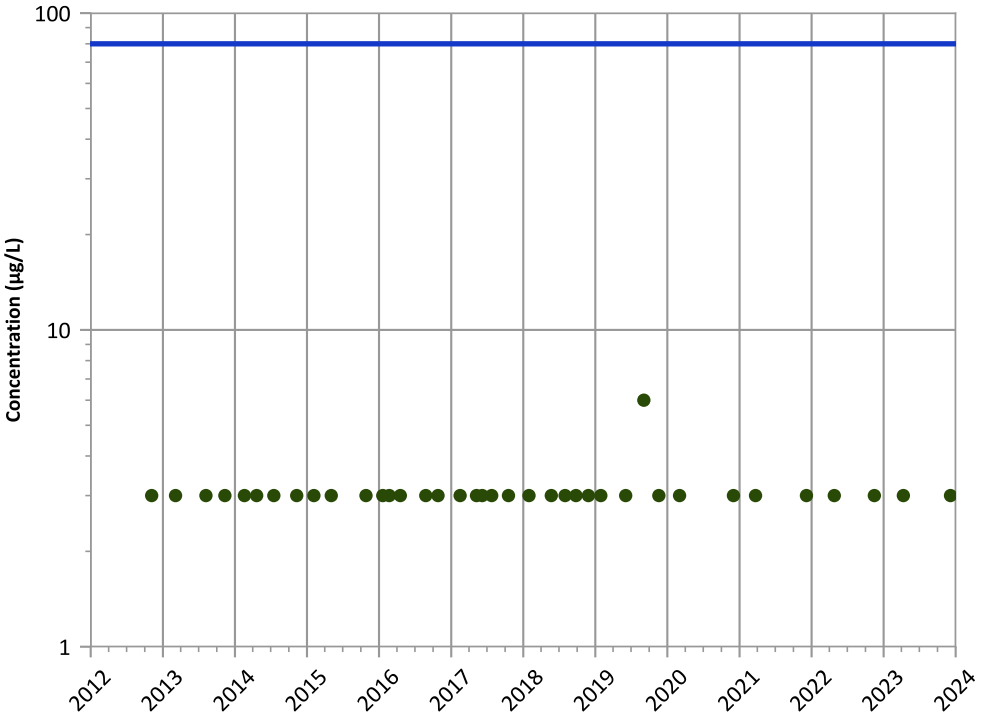


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

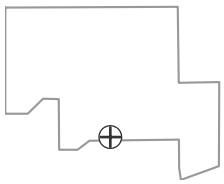
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

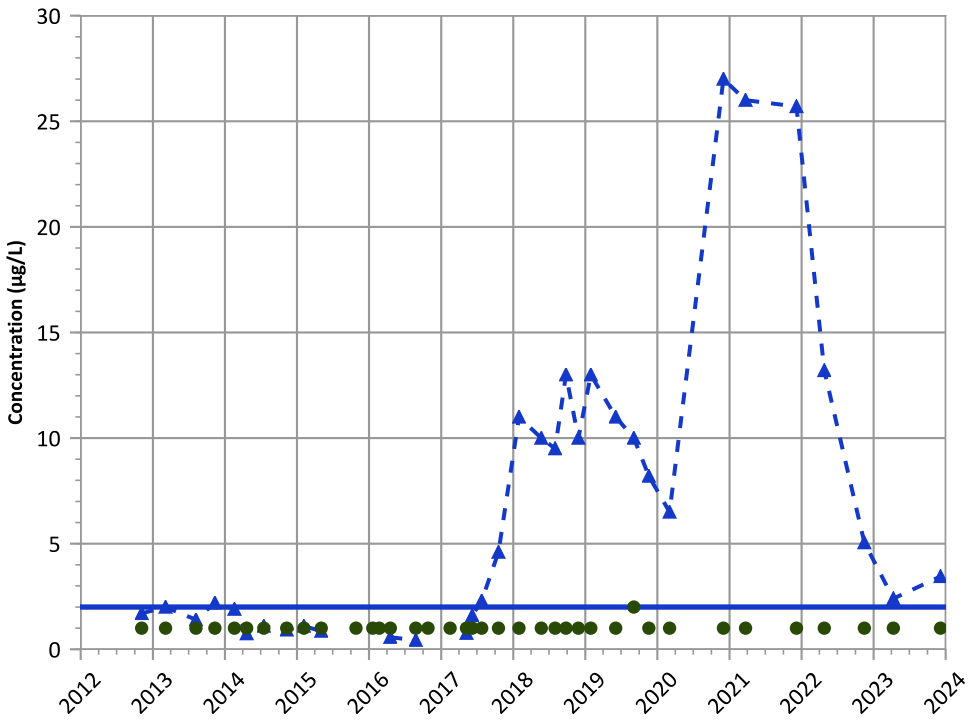
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

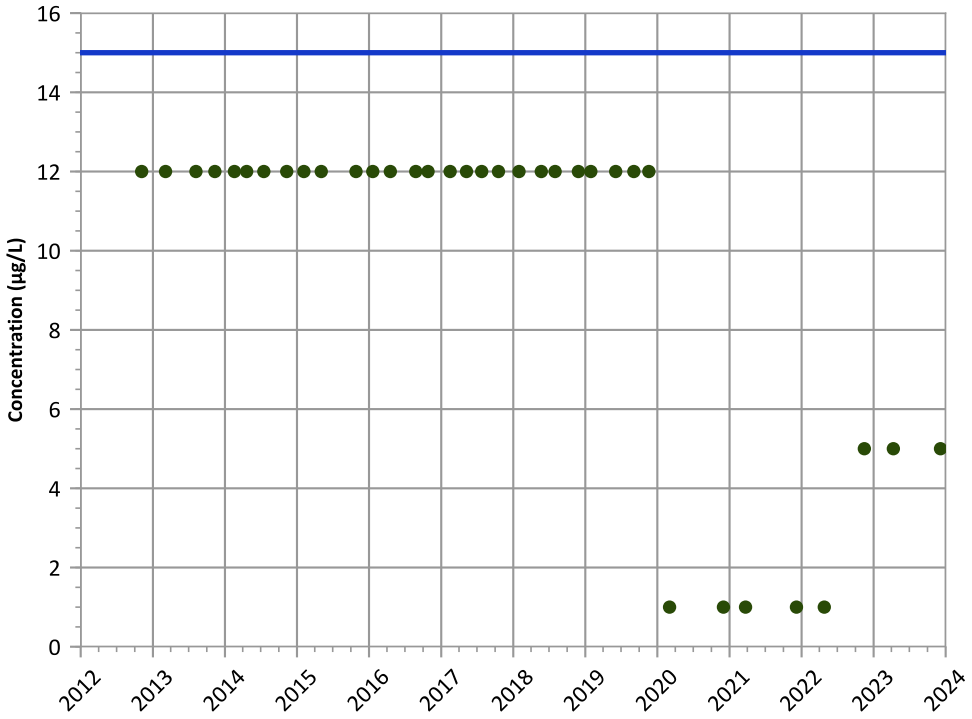


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Perchlorate Trend



Concentration Trend

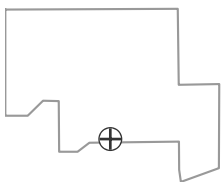
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

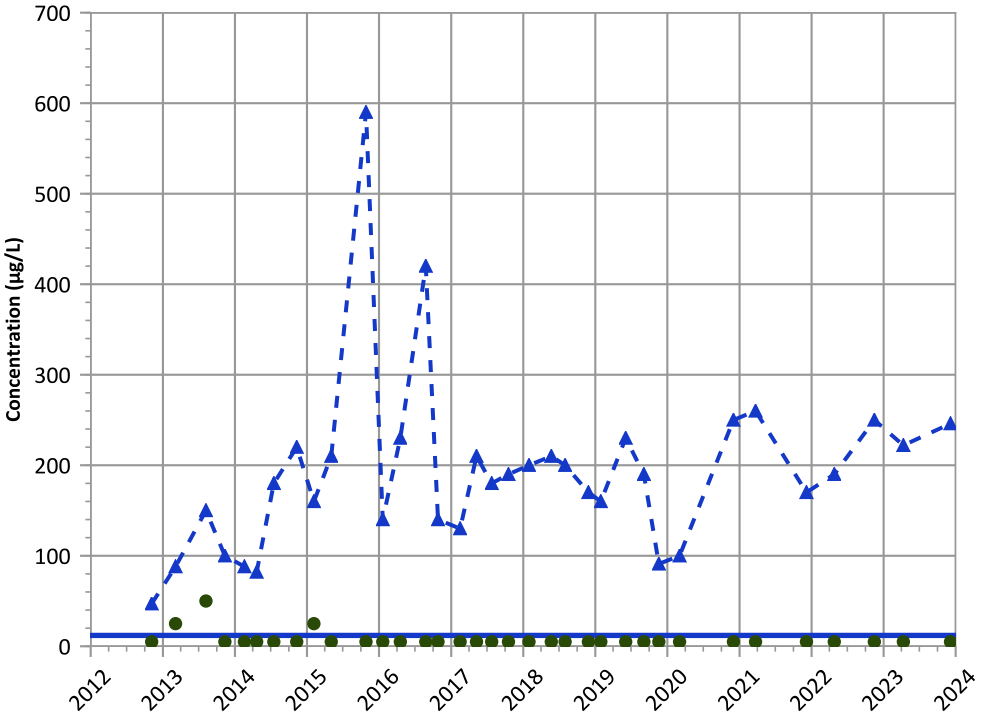
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

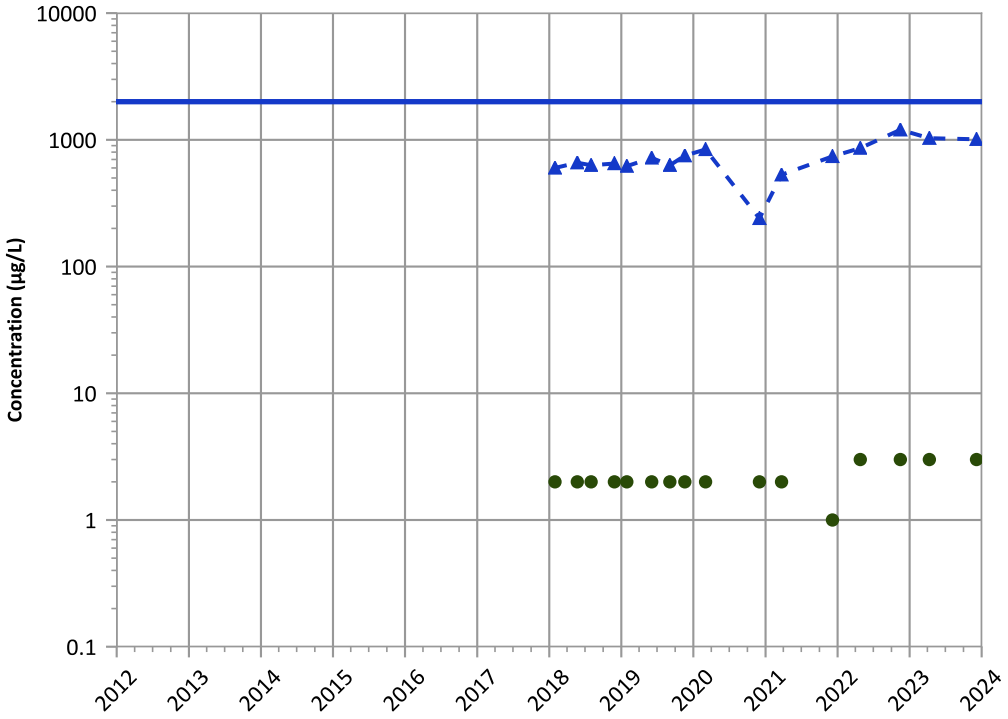


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

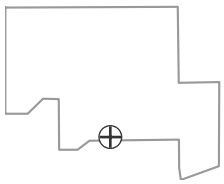
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

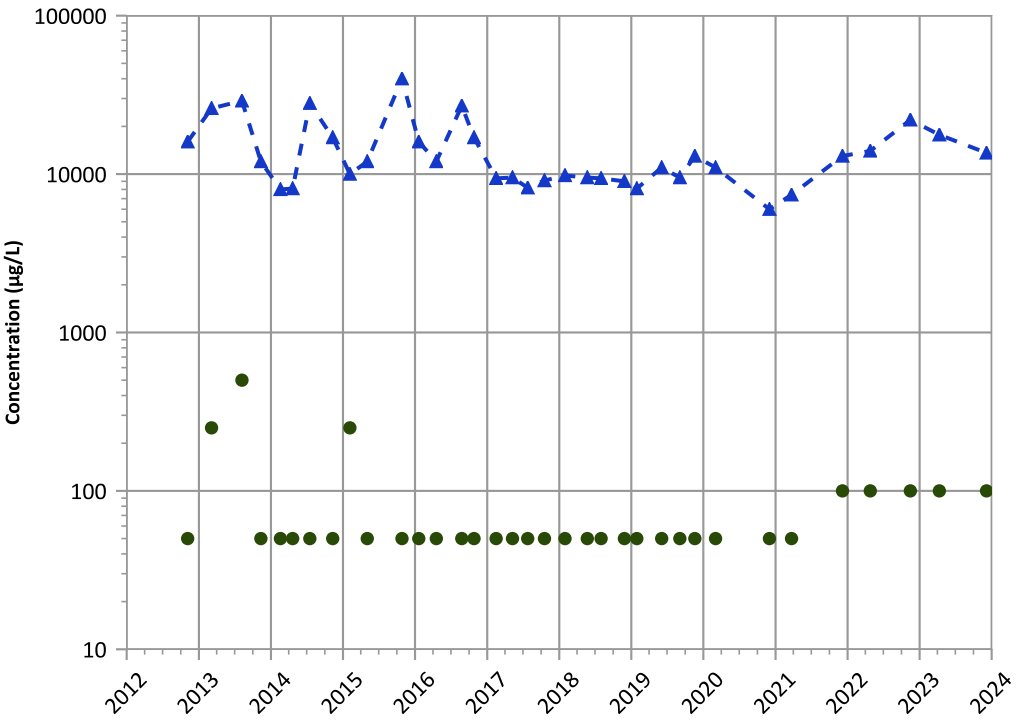
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

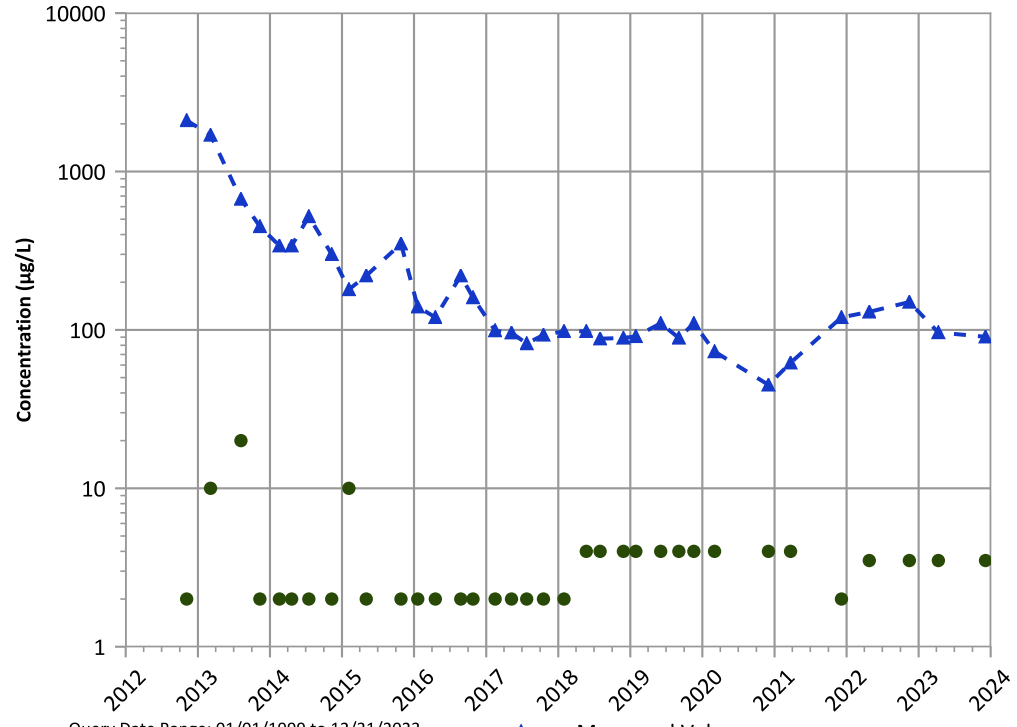


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

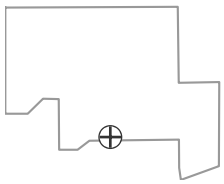
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

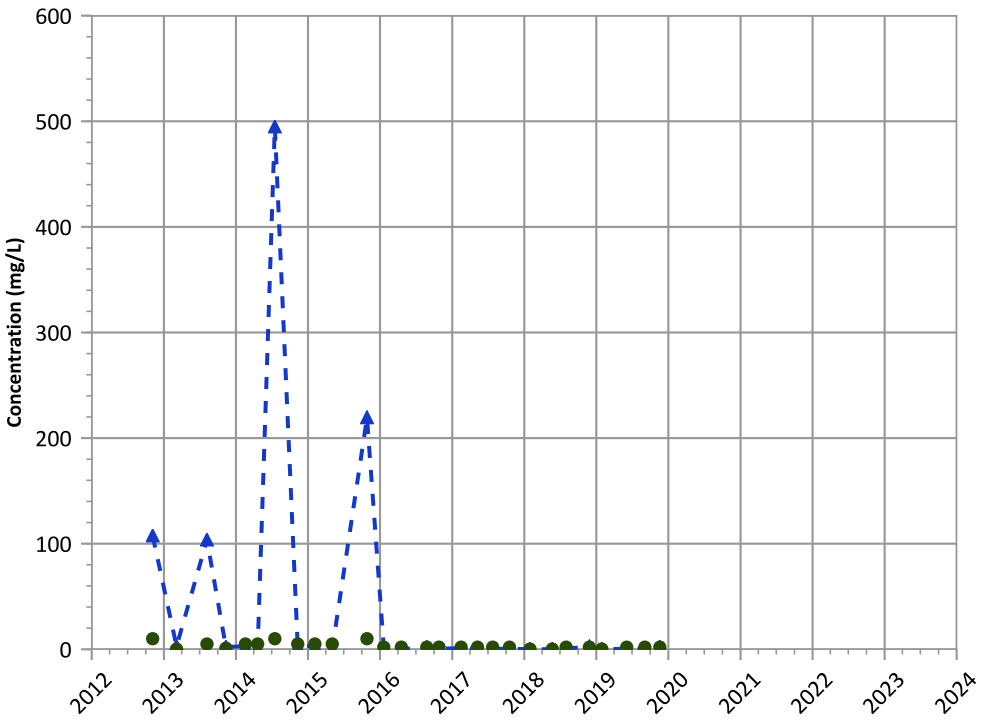
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

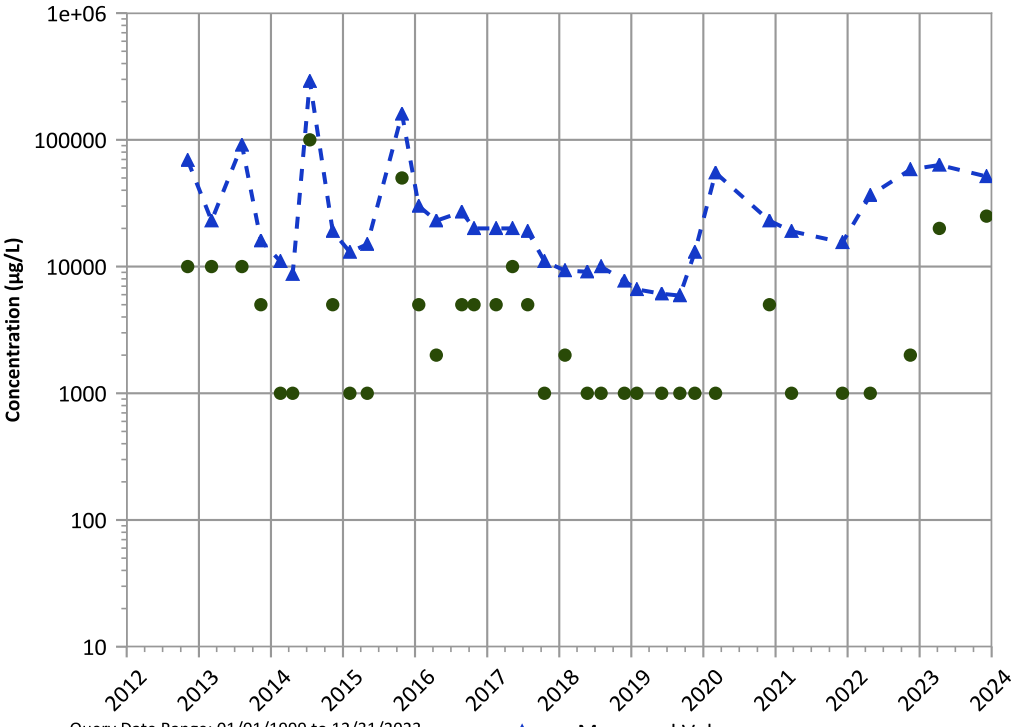


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Total Organic Carbon Trend



Concentration Trend

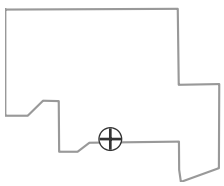
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

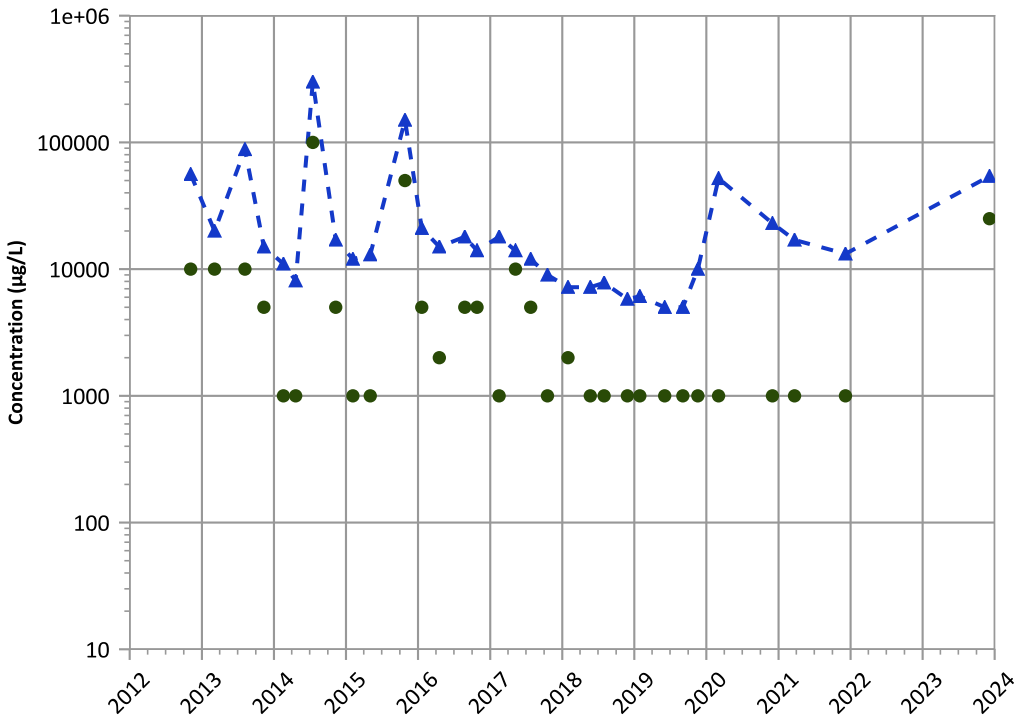
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Dissolved Organic Carbon (DOC) Trend

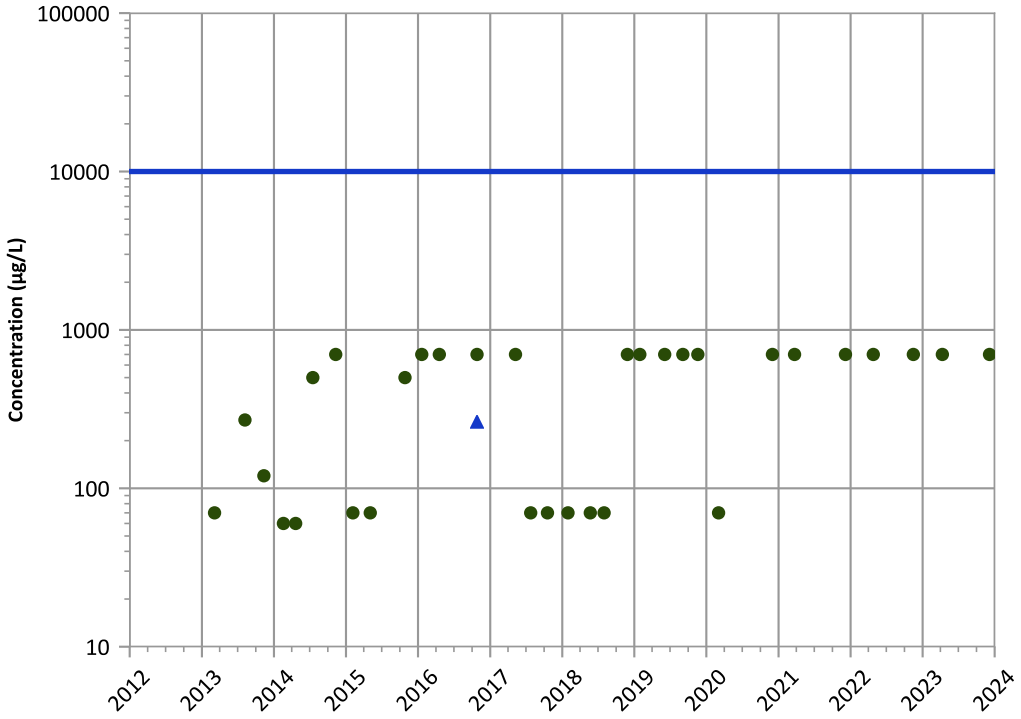


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend

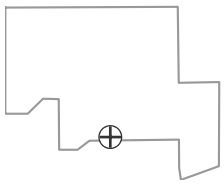


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

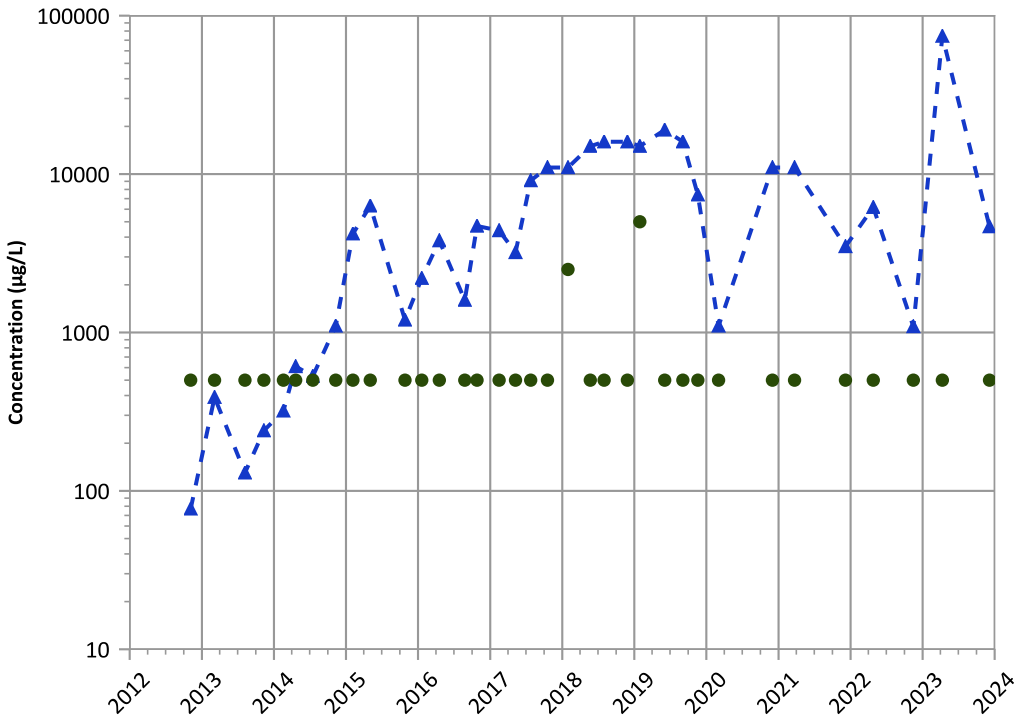


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

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

PTX06-1230 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

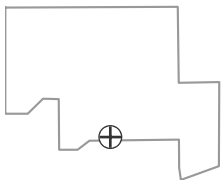
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

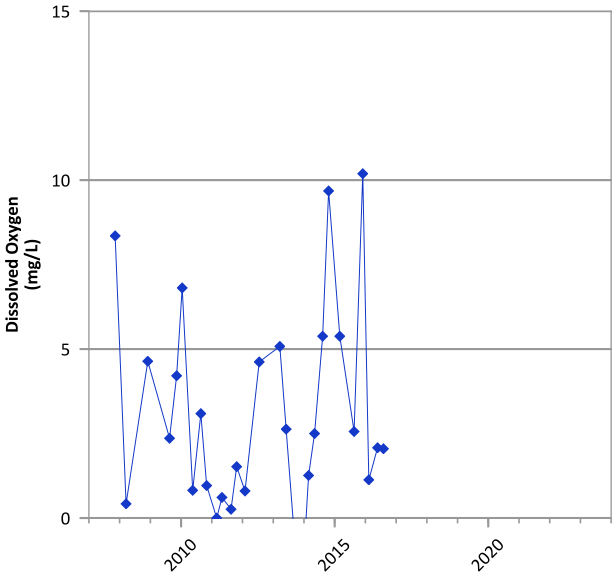
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/05/2012 to 12/06/2023
Analysis Date: 04/01/2024

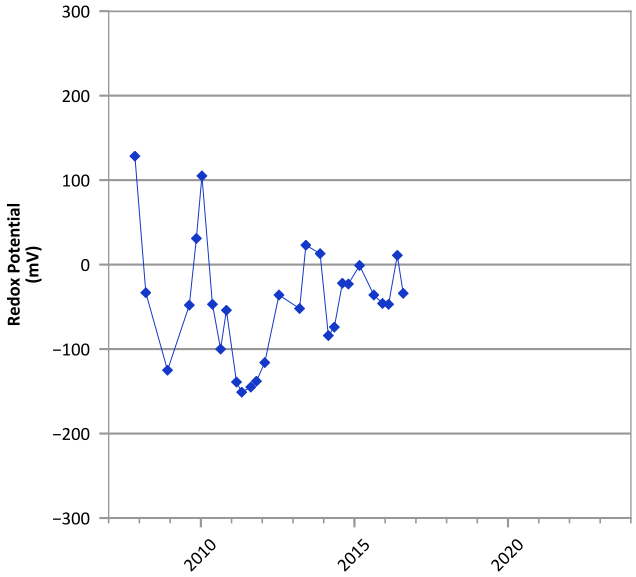
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

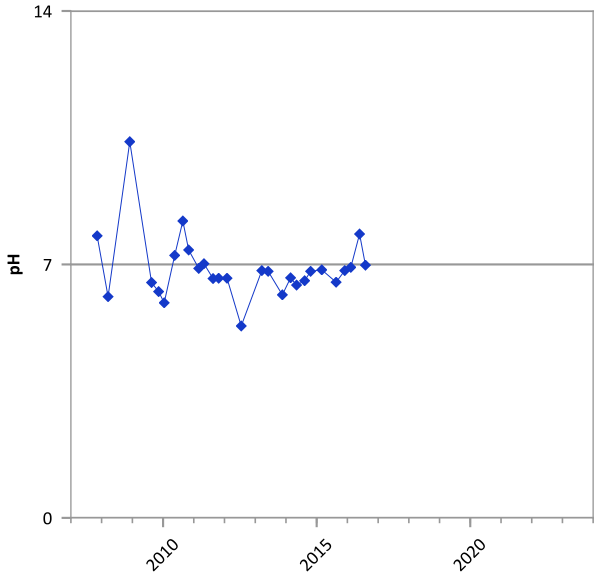
Well Location

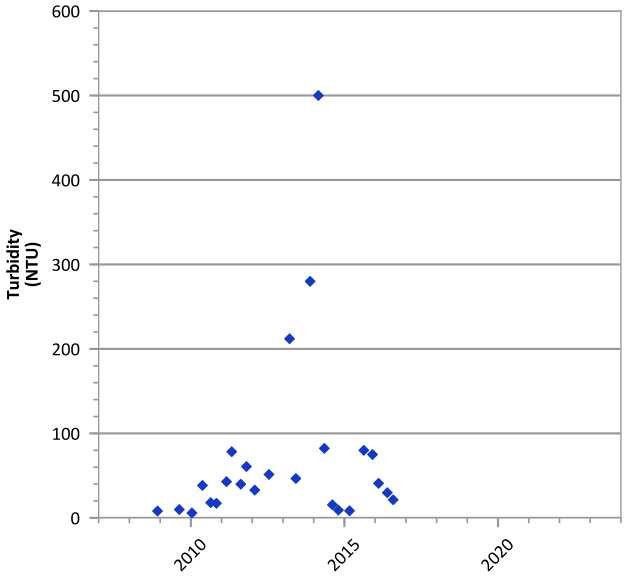


PTX06-ISB014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

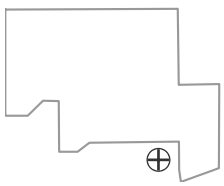






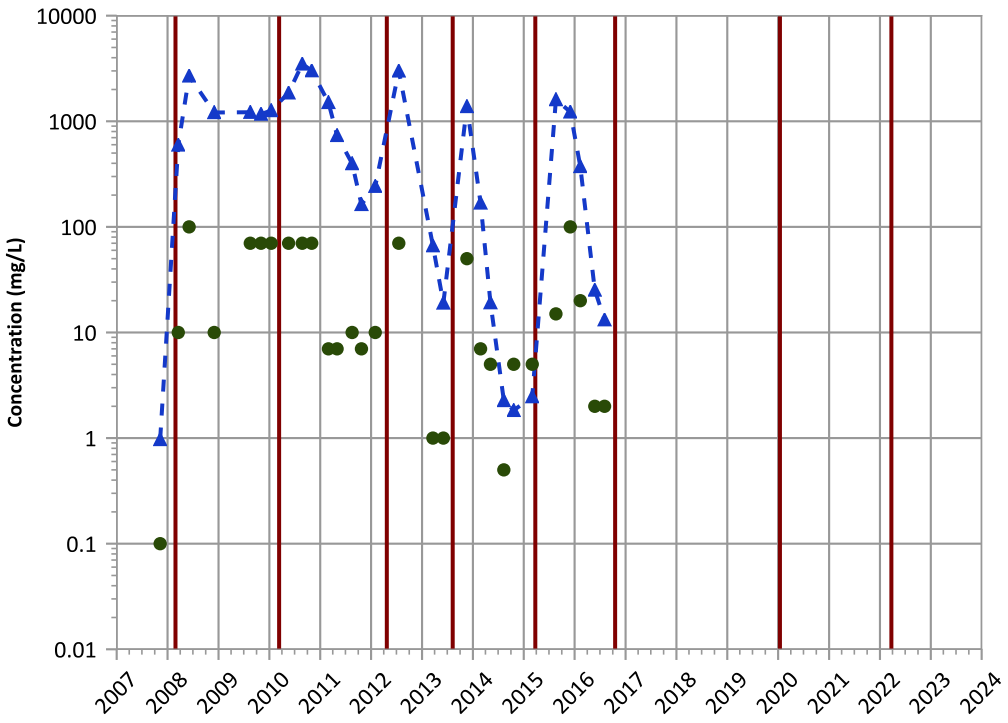


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/03/2016
Analysis Date: 04/01/2024



PTX06-ISB014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

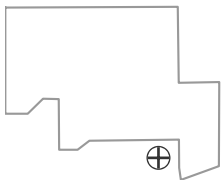
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

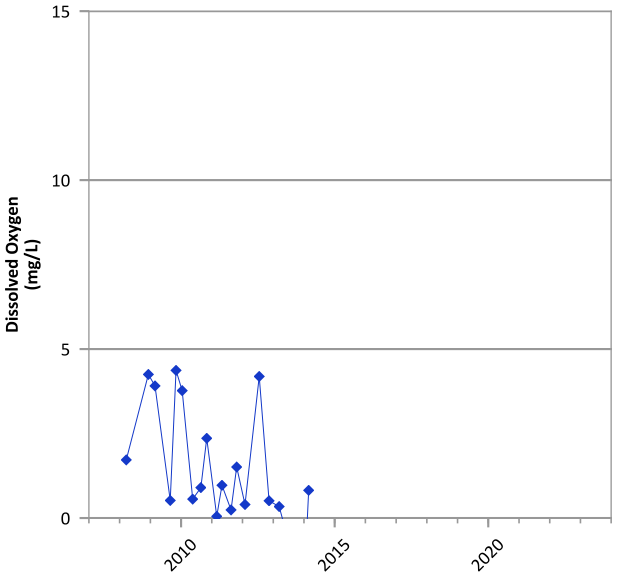
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/03/2016
Analysis Date: 04/01/2024

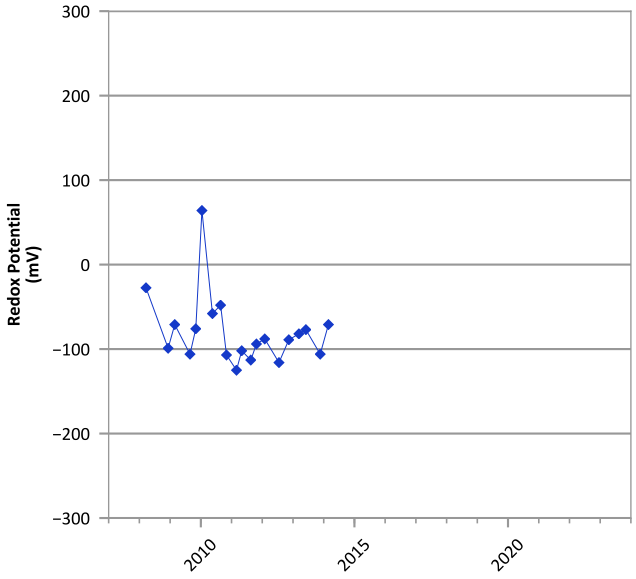
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

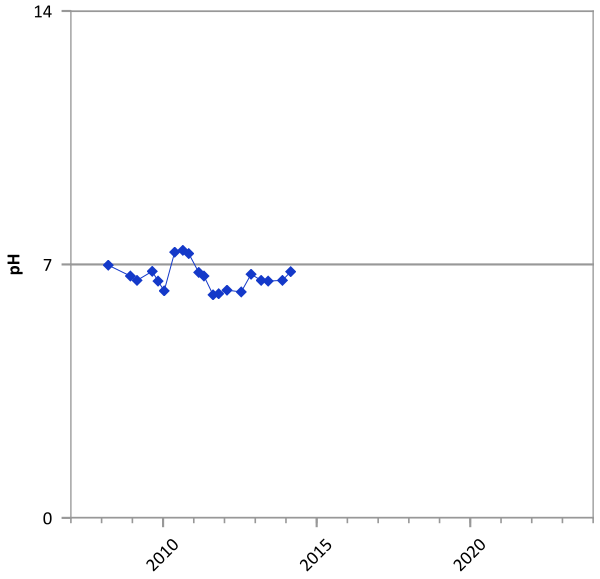
Well Location

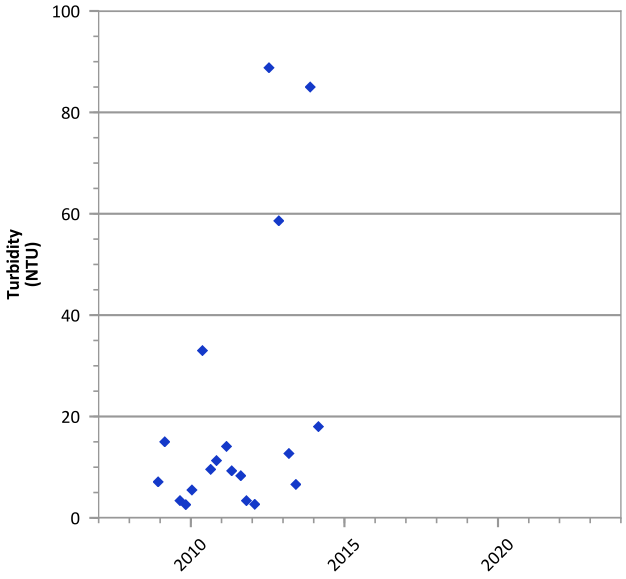


PTX06-ISB019 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



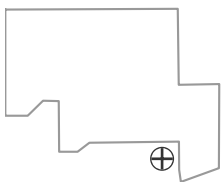






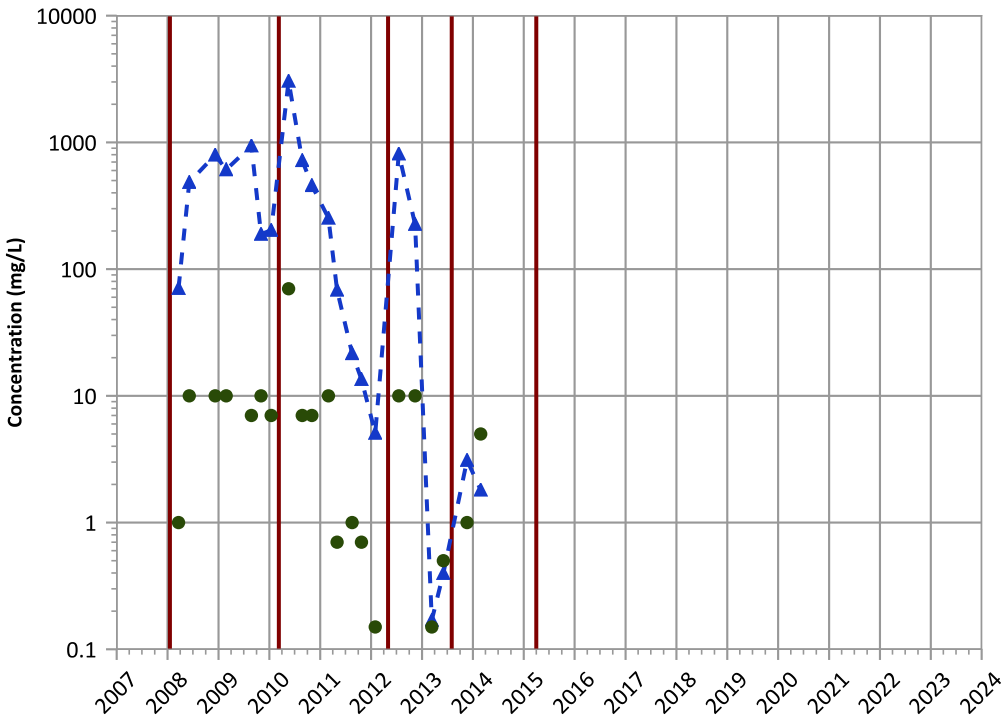
Well Location

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/20/2008 to 02/26/2014
Analysis Date: 04/01/2024



PTX06-ISB019 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

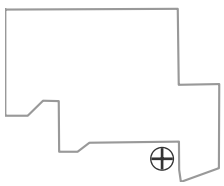
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

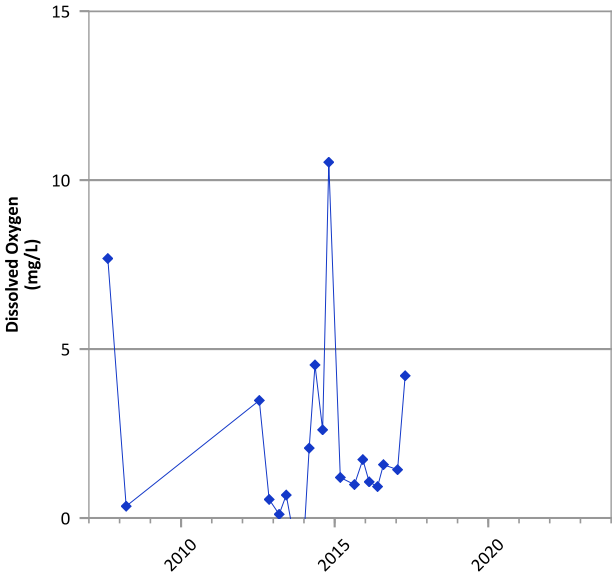
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/20/2008 to 02/26/2014
Analysis Date: 04/01/2024

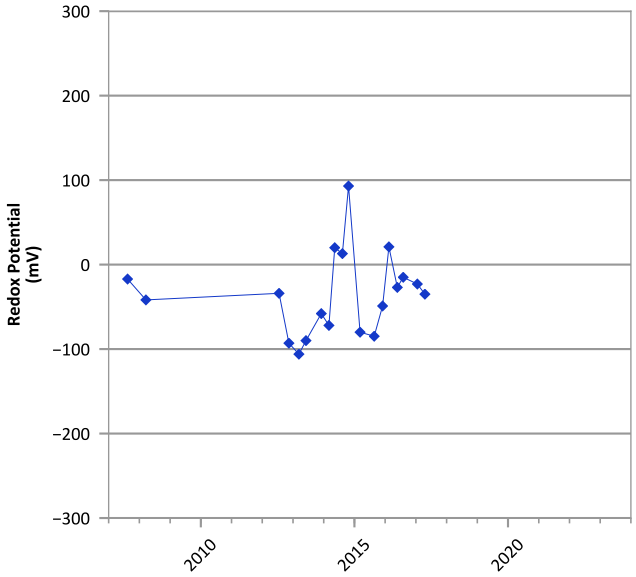
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

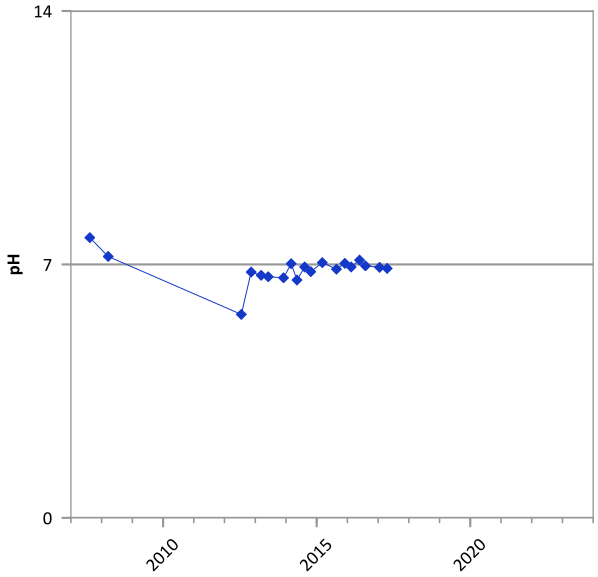
Well Location

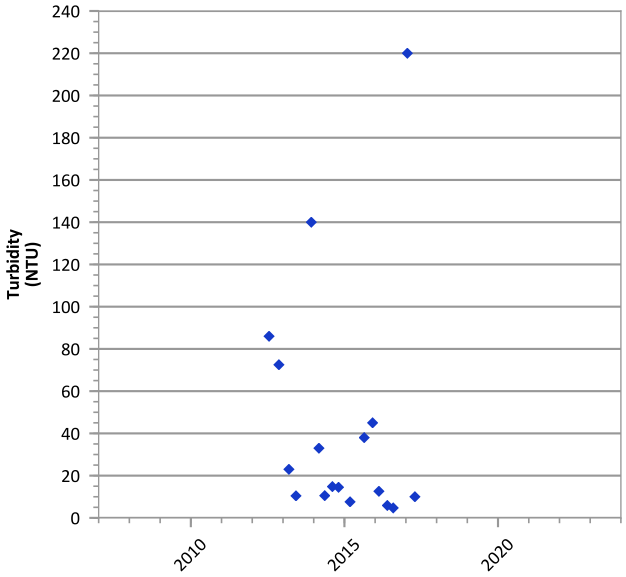


PTX06-ISB024 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

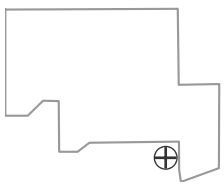






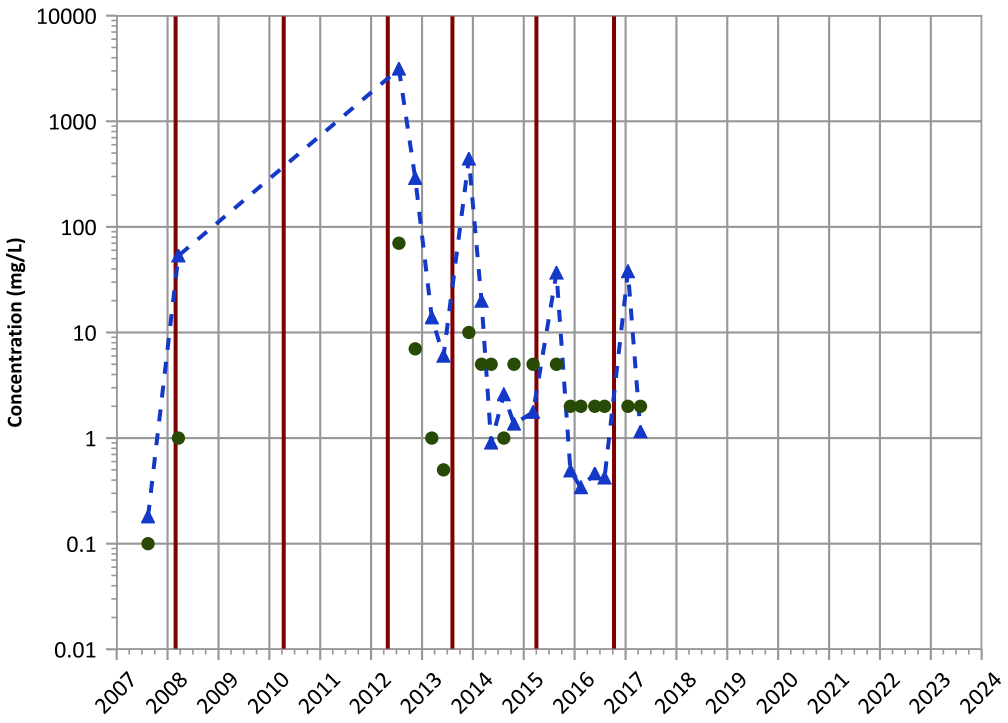


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/14/2007 to 04/18/2017
Analysis Date: 04/01/2024



PTX06-ISB024 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

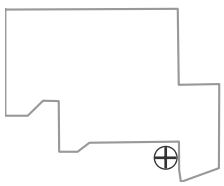
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

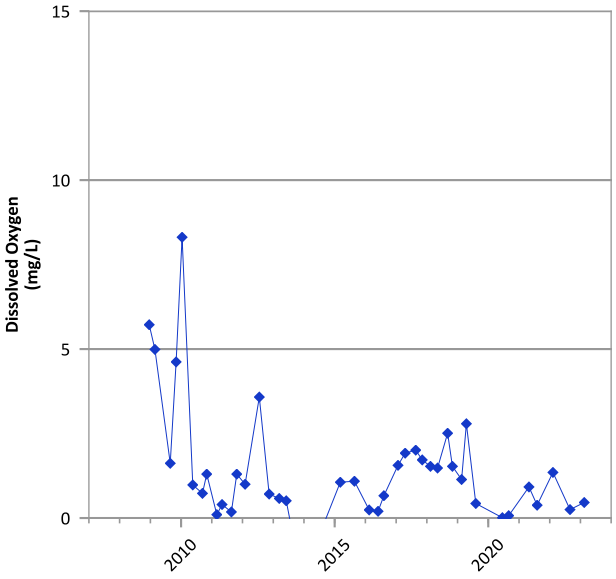
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/14/2007 to 04/18/2017
Analysis Date: 04/01/2024

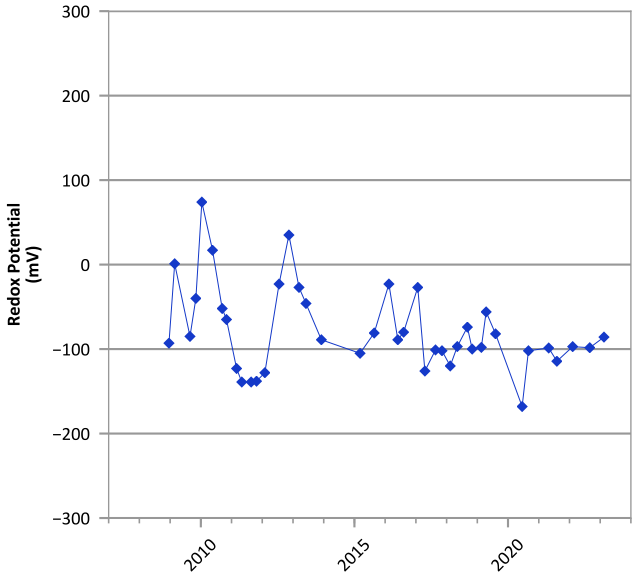
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

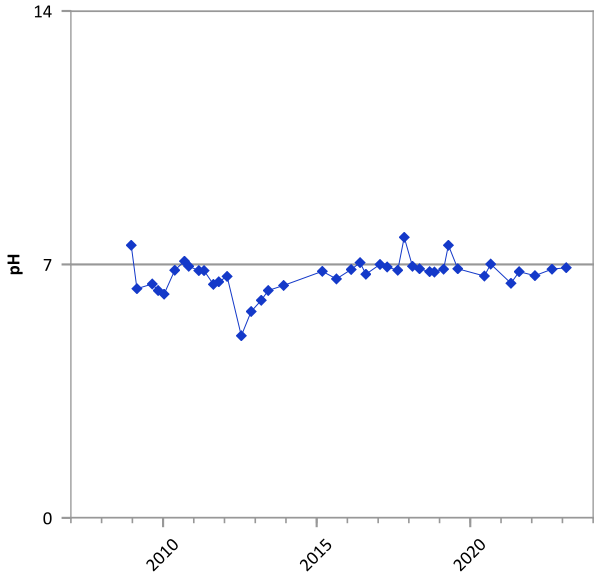
Well Location

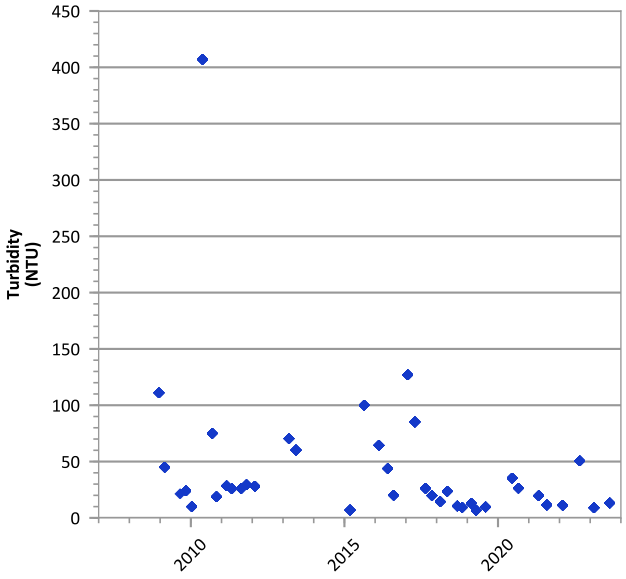


PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

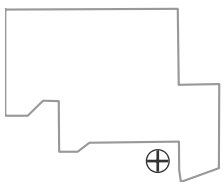






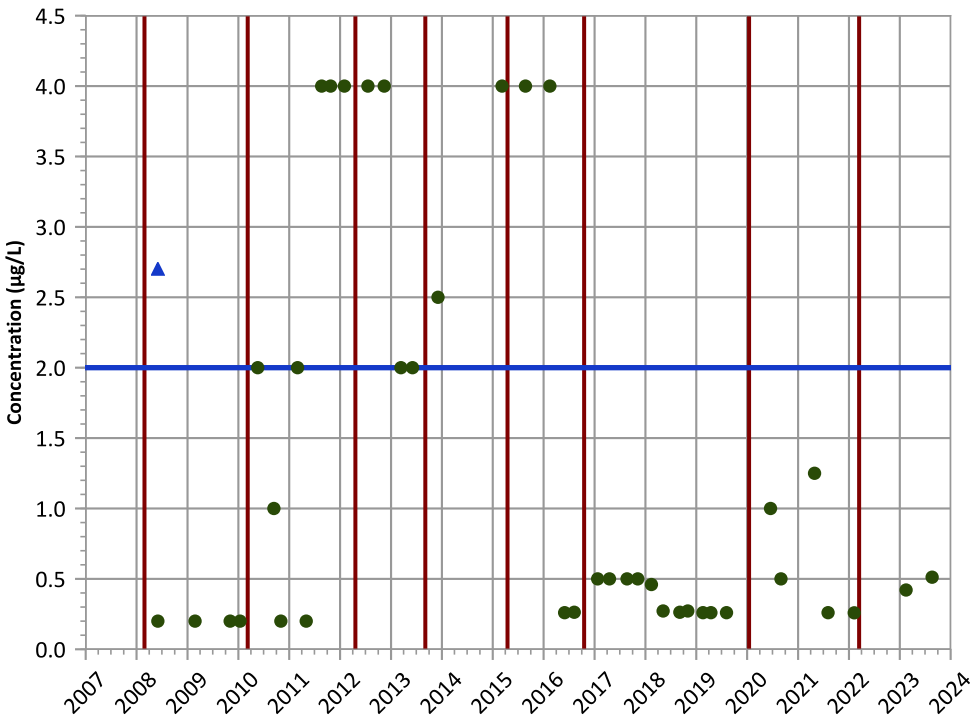


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

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

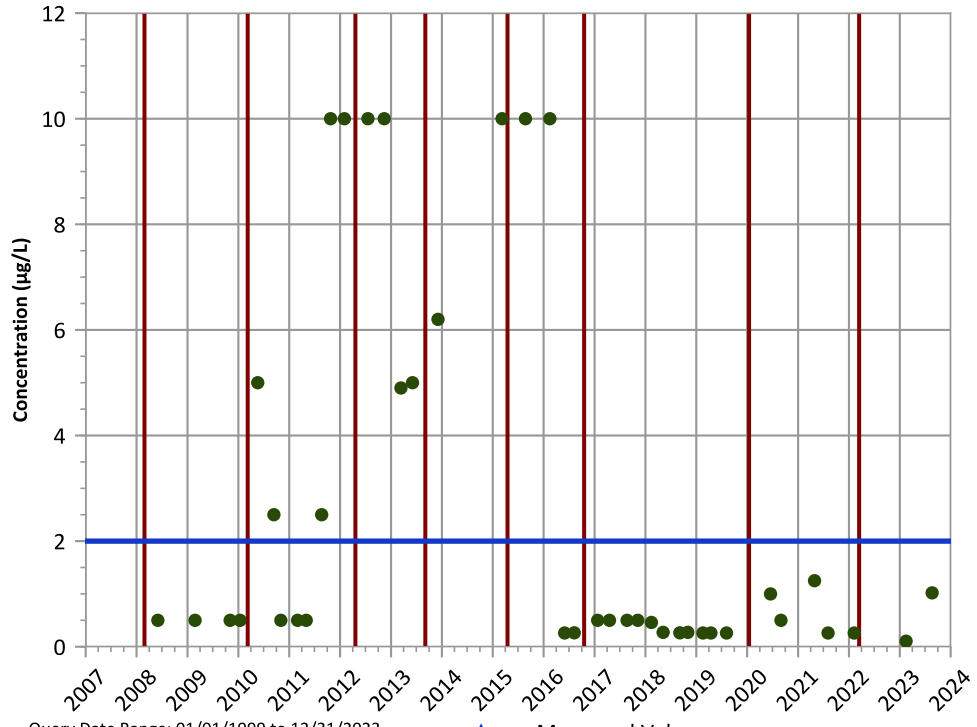


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

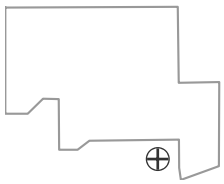
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

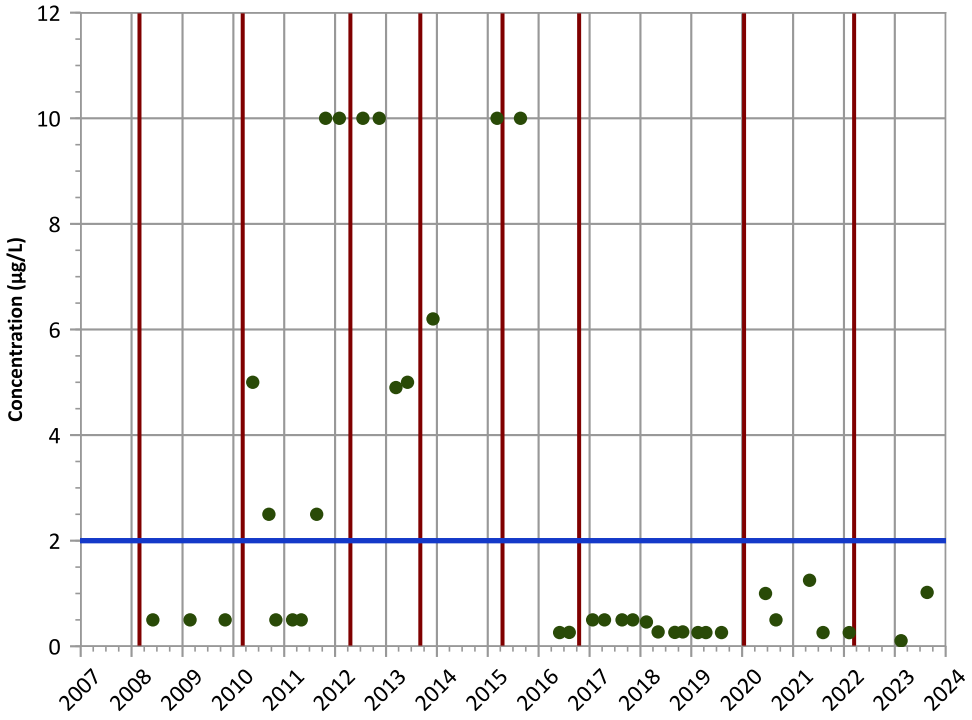
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

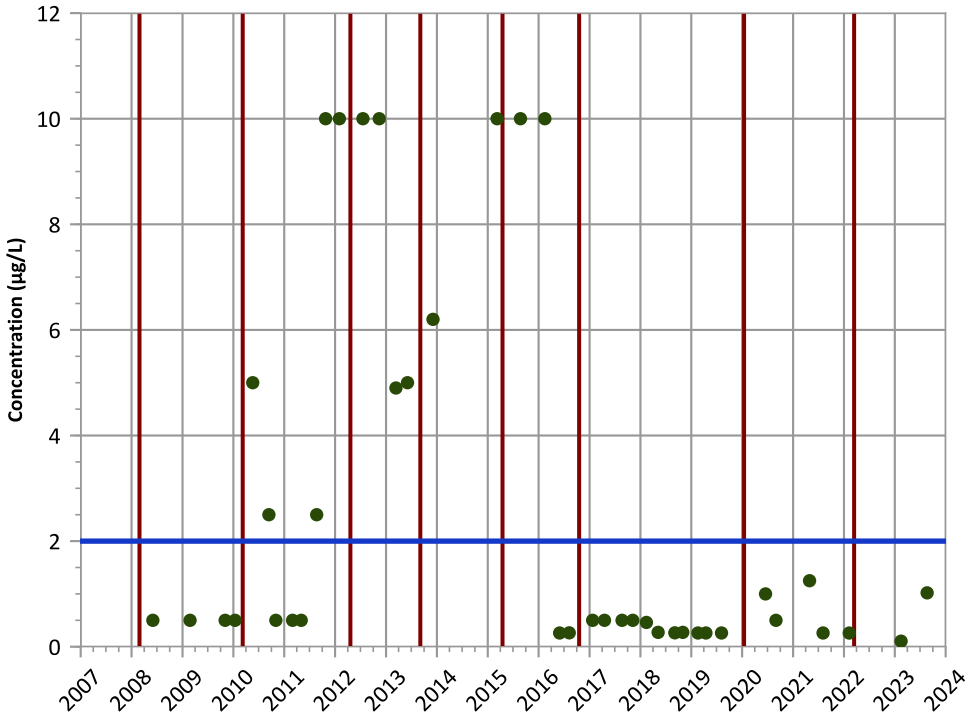


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

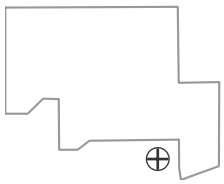
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

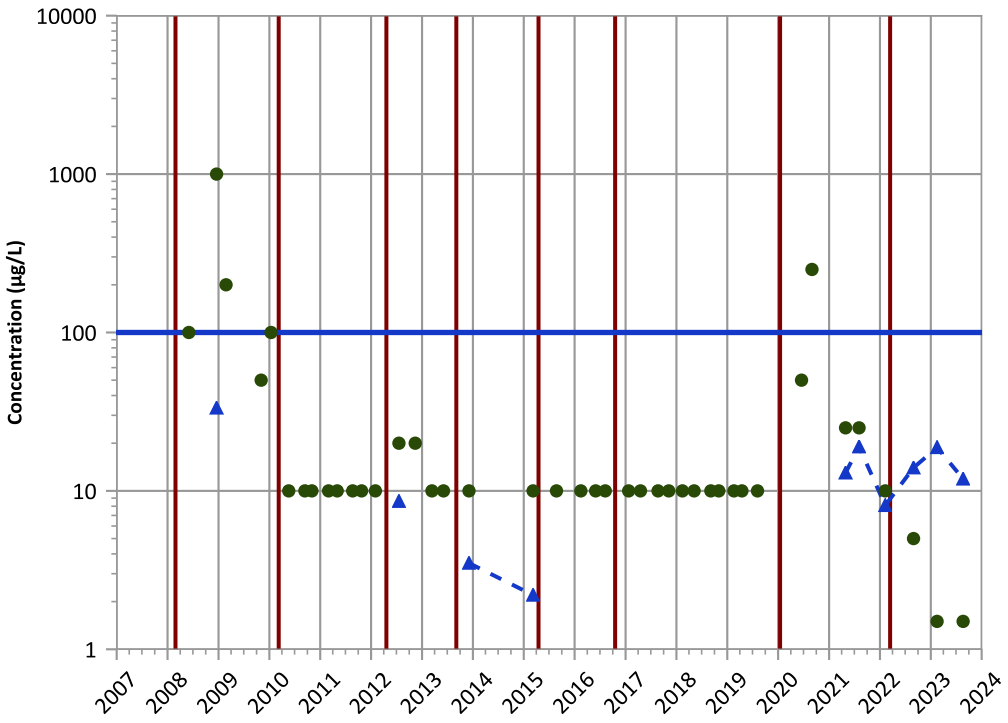
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

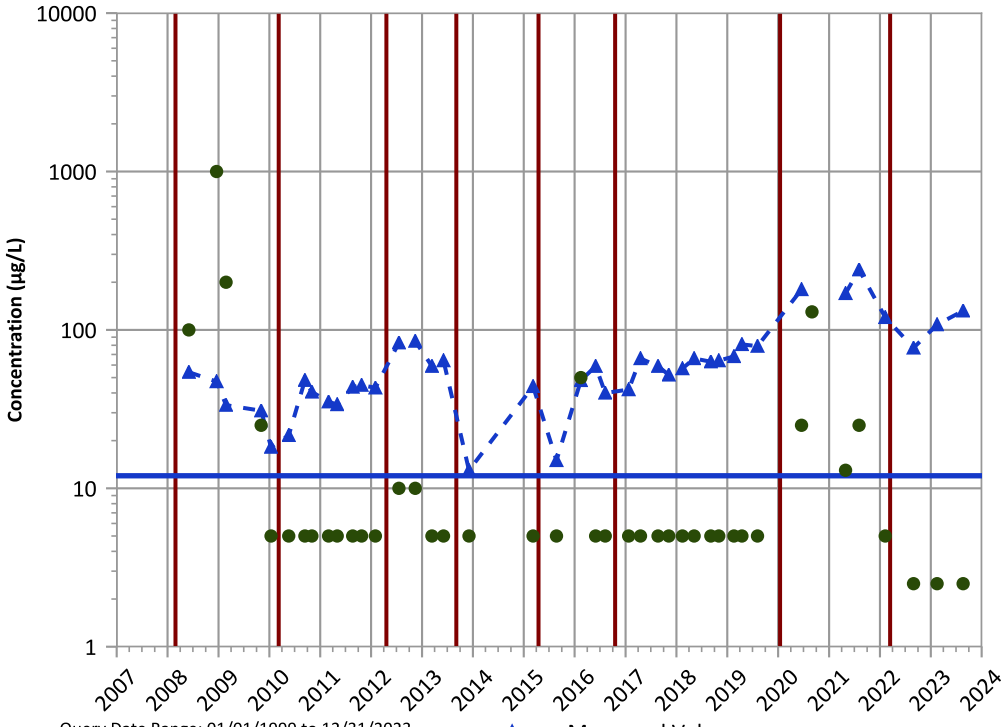


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Arsenic Trend



Concentration Trend

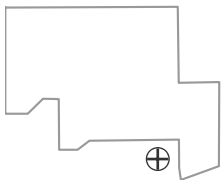
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

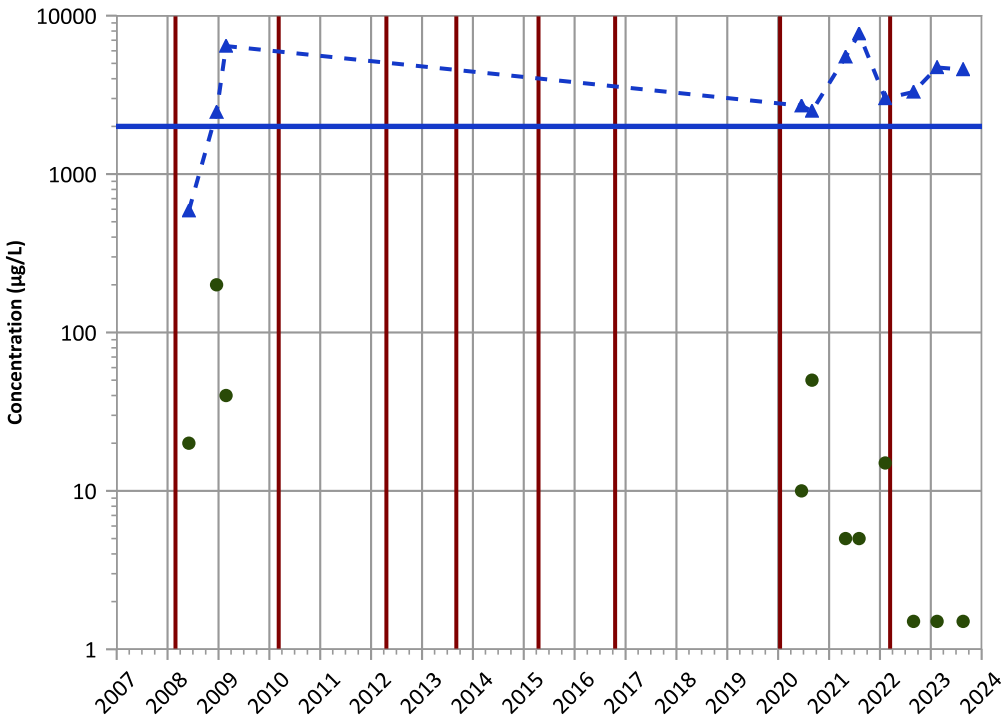
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

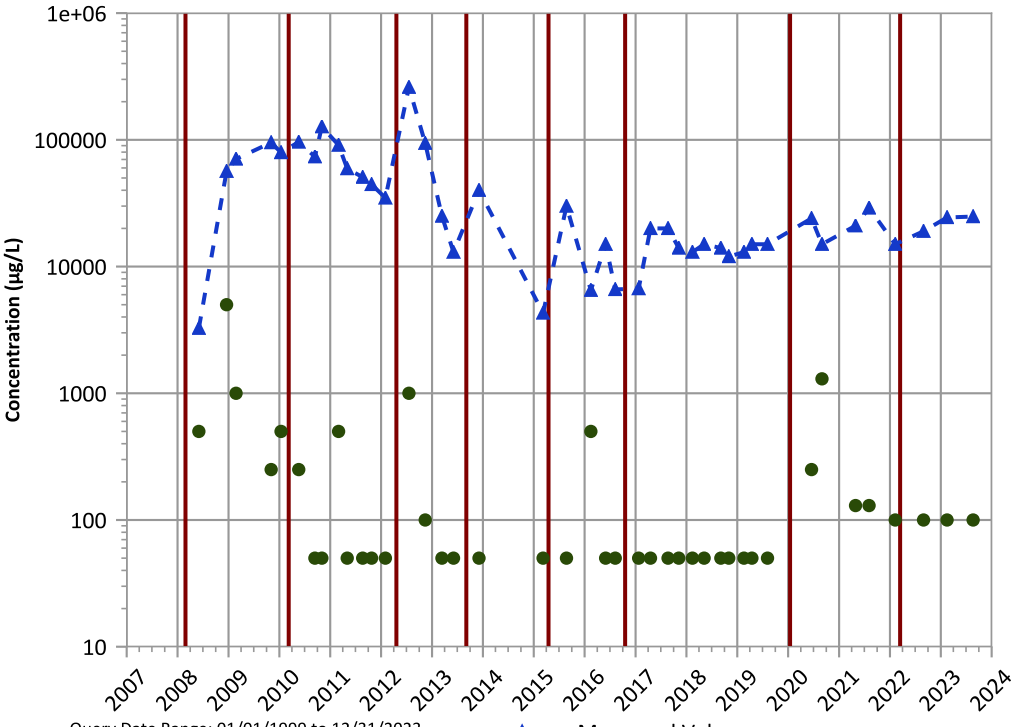


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Iron Trend



Concentration Trend

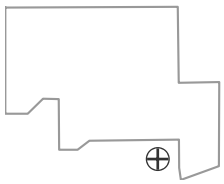
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

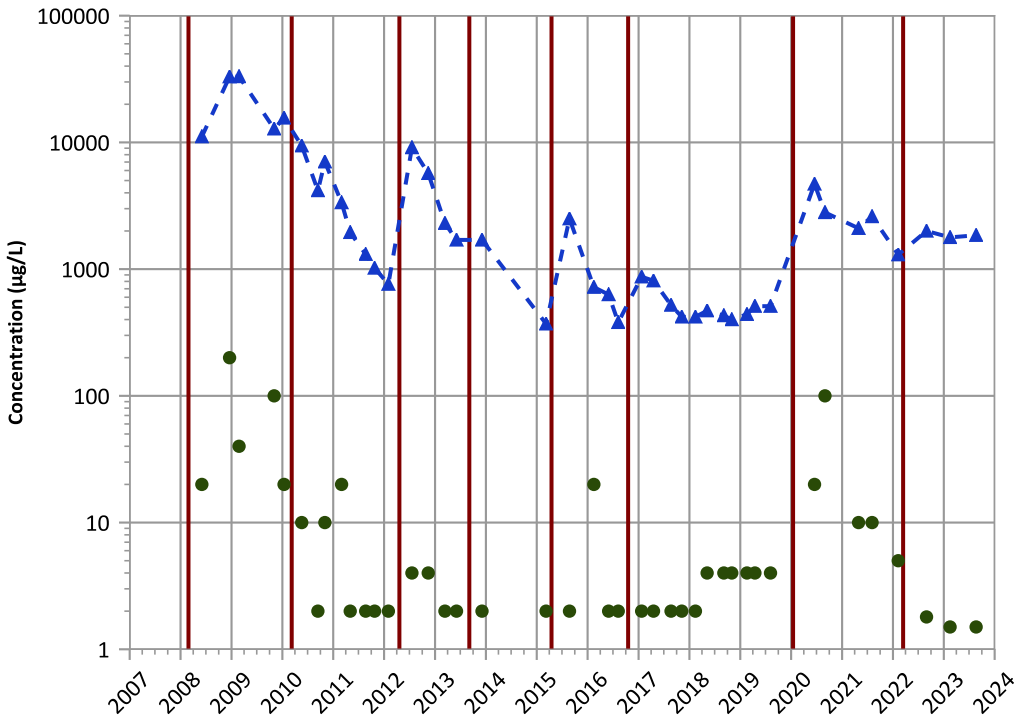
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

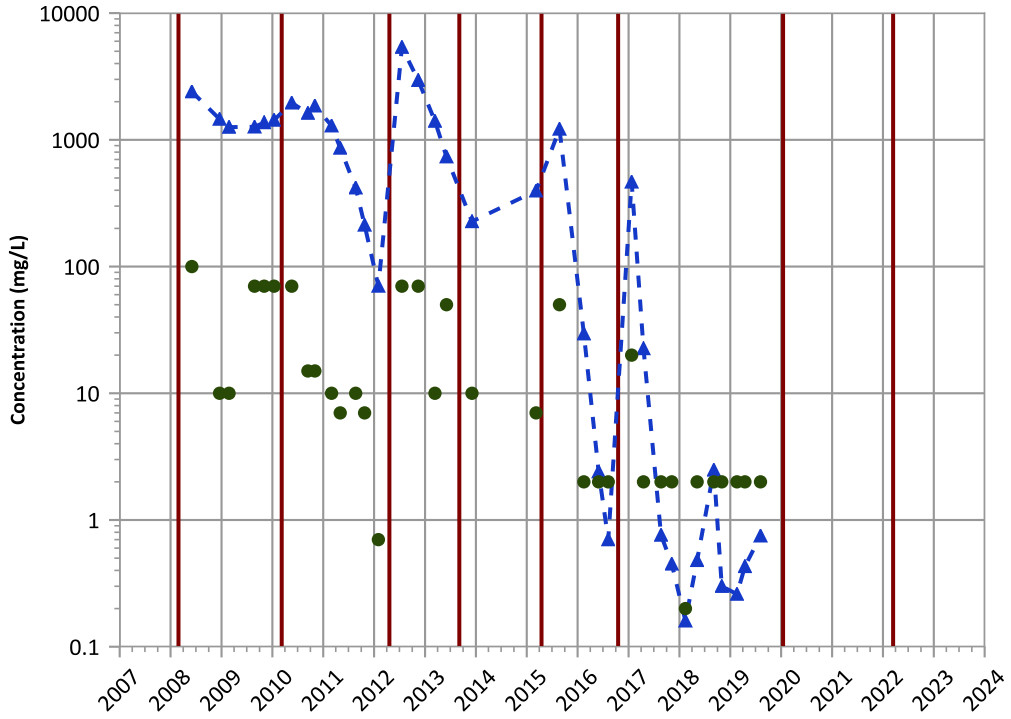


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

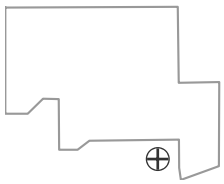
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

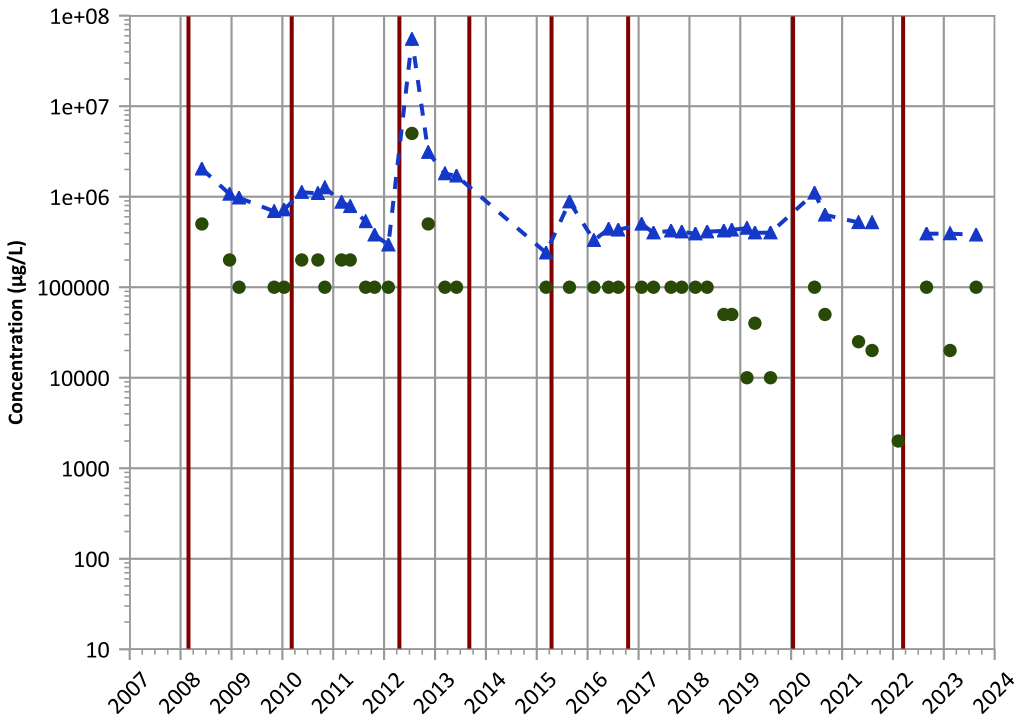
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

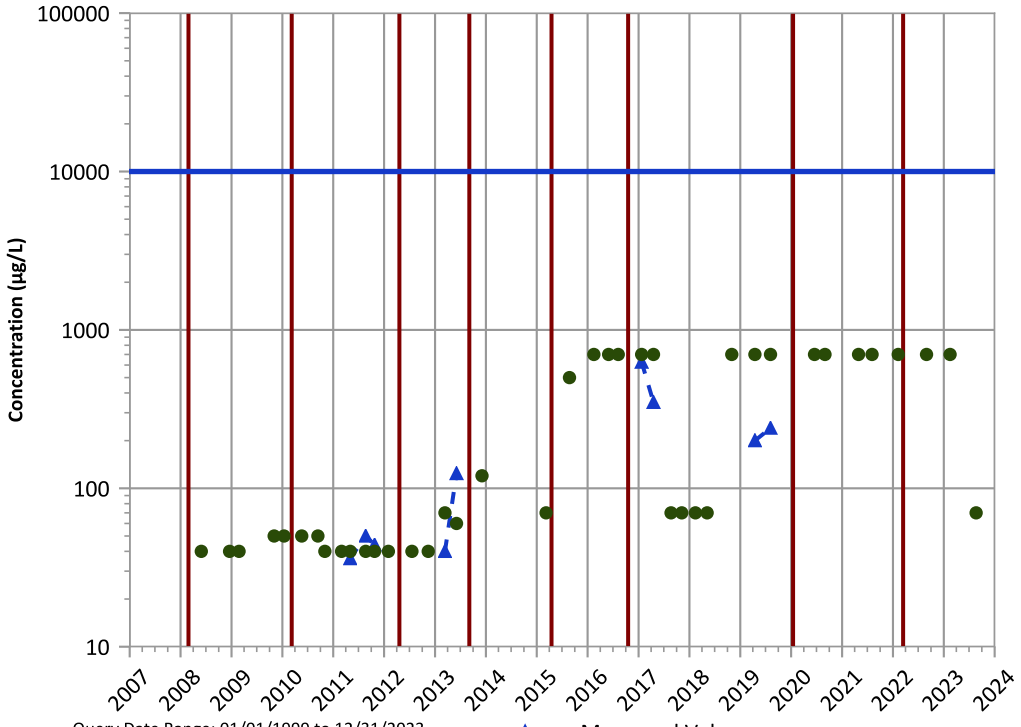


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Nitrate as N Trend



Concentration Trend

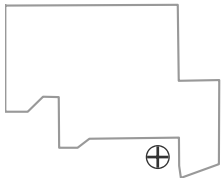
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

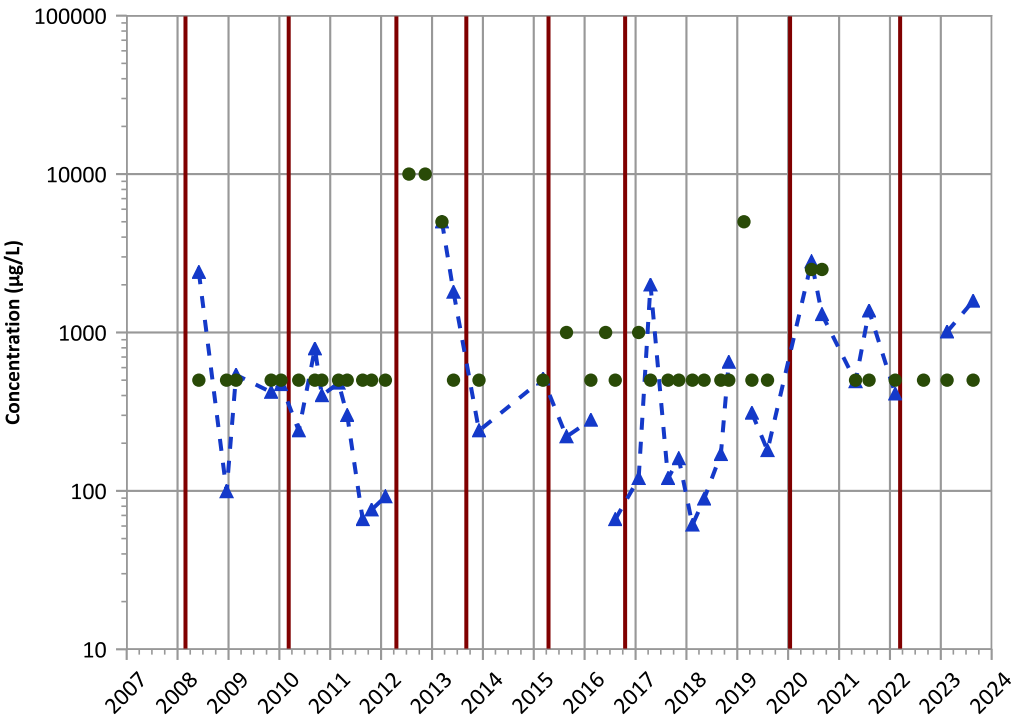
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

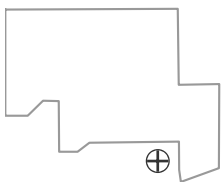
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

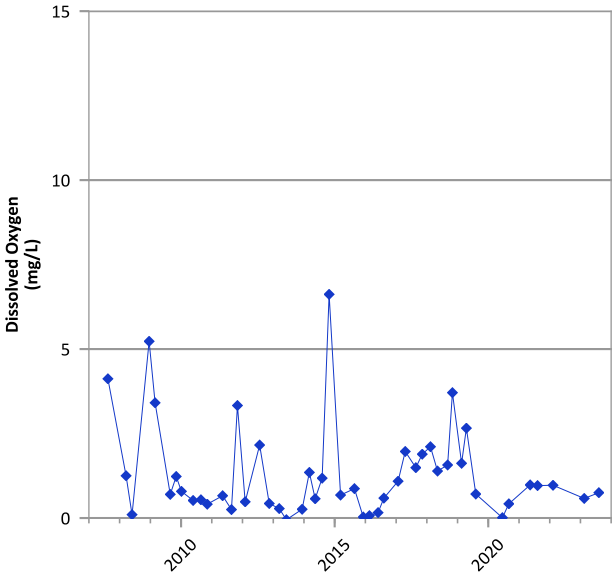
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/29/2008 to 08/21/2023
Analysis Date: 04/01/2024

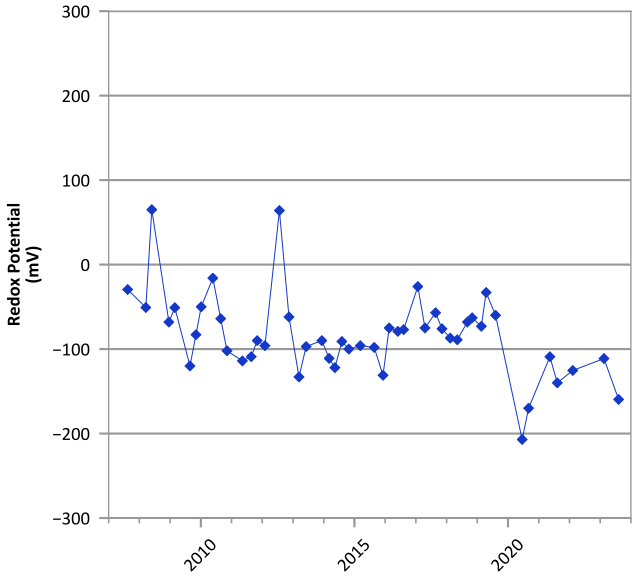
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

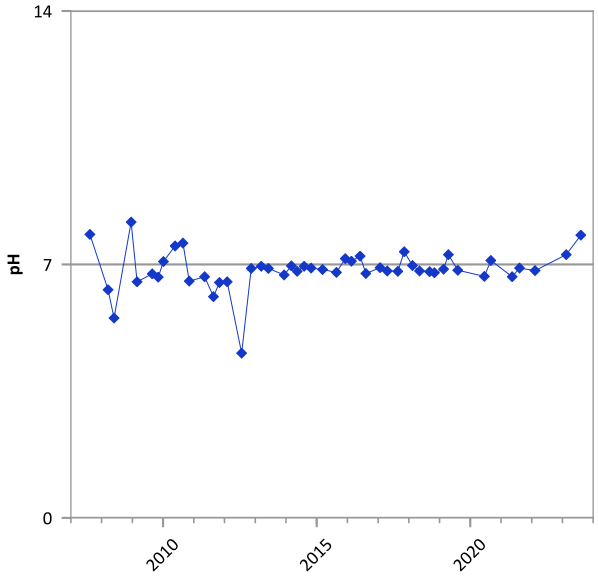
Well Location

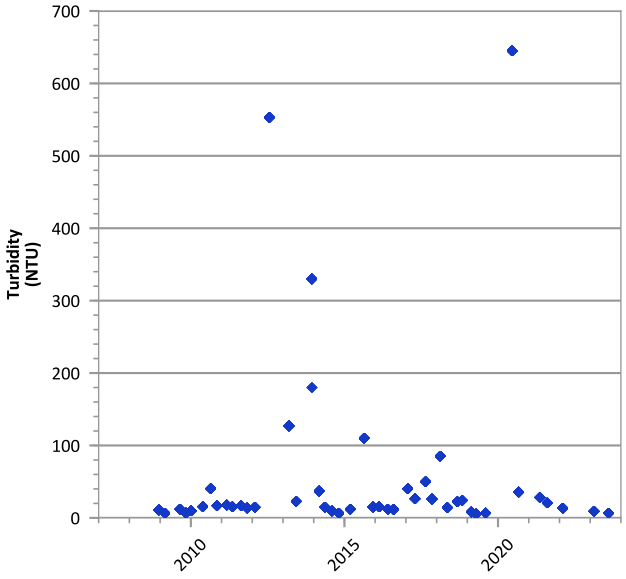


PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

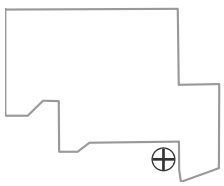






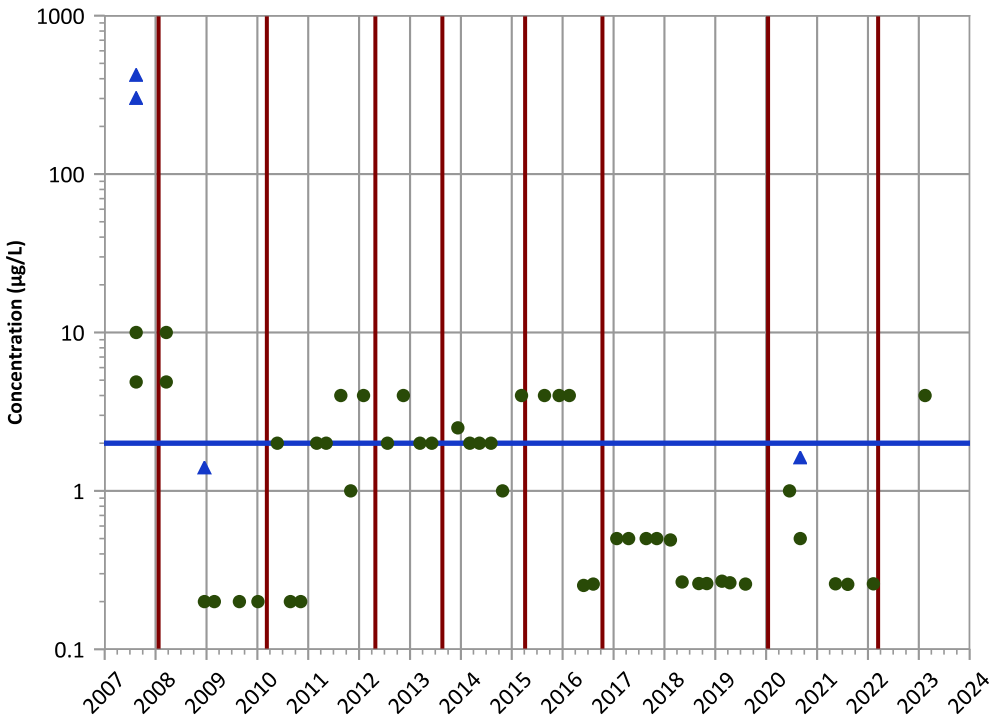


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

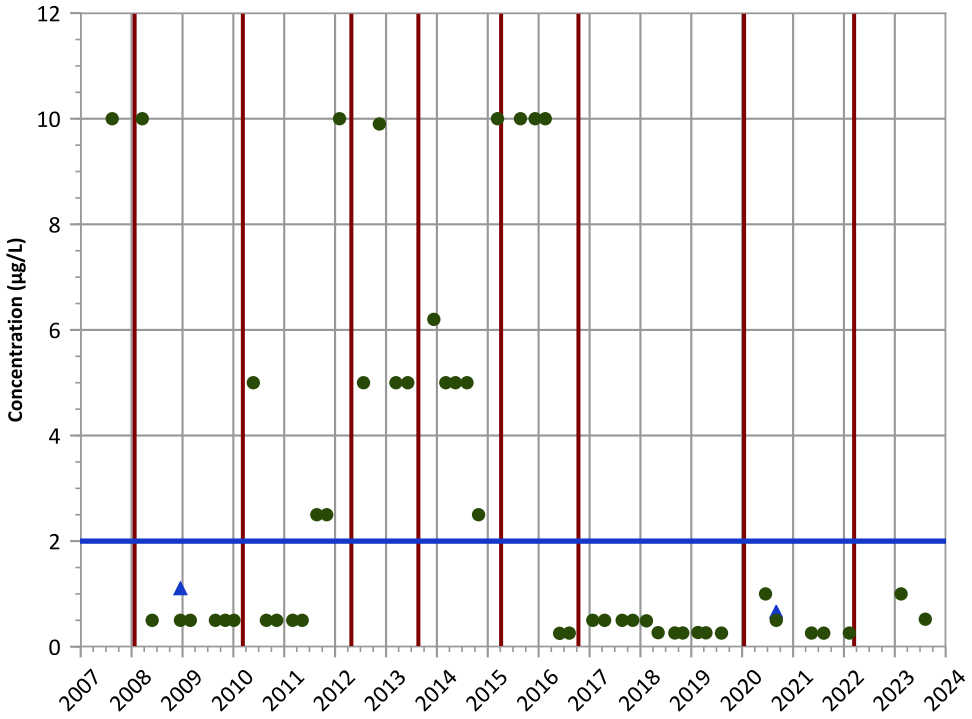


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

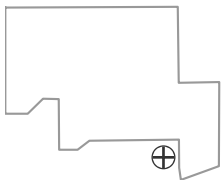
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

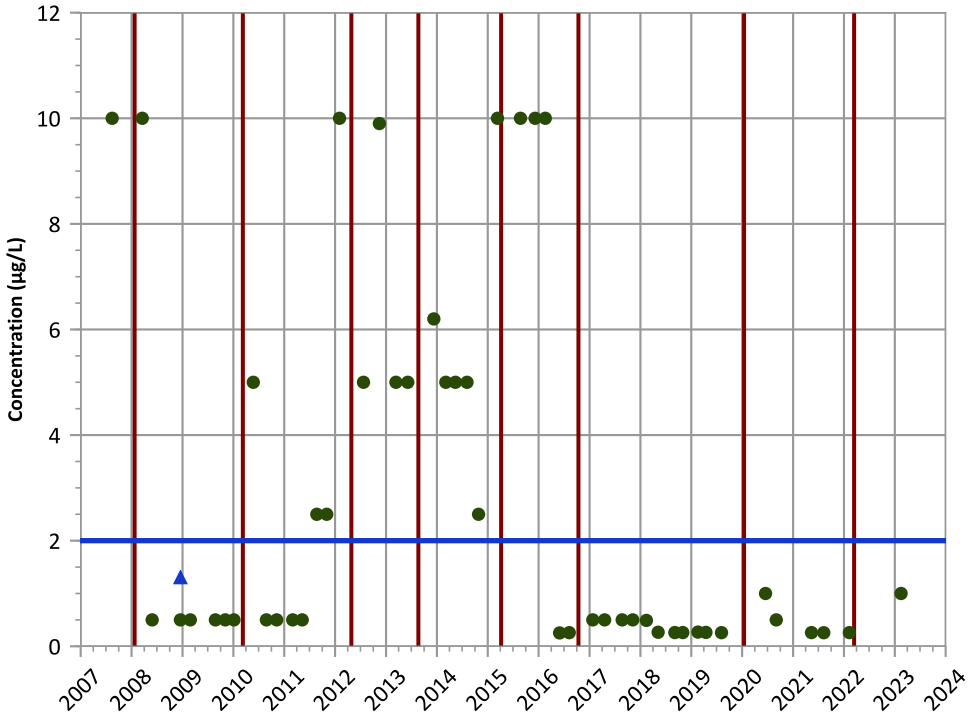
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

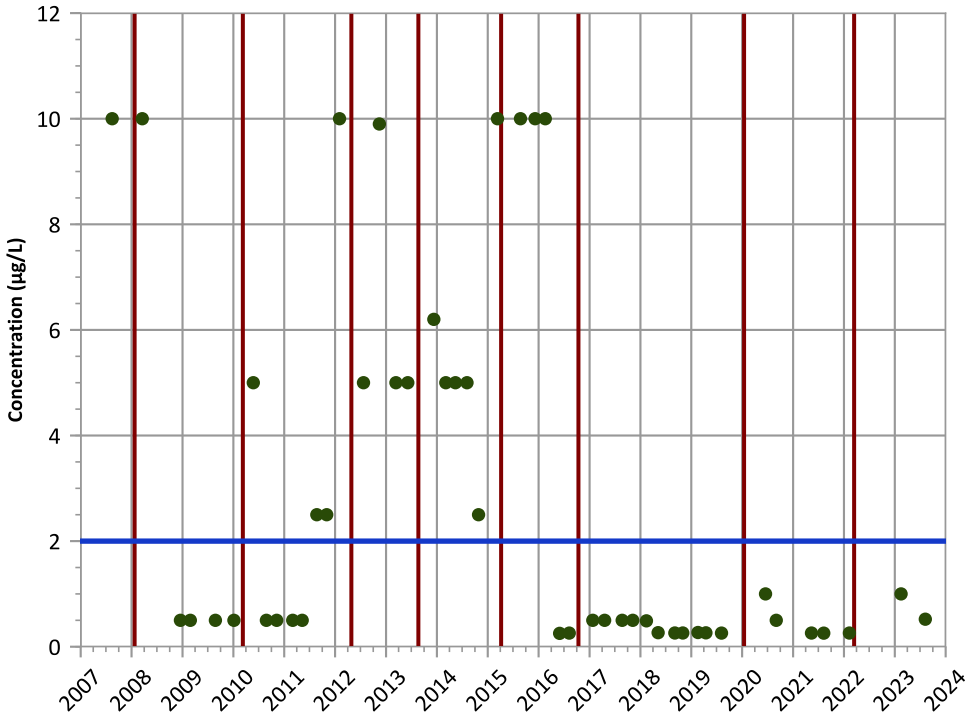


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

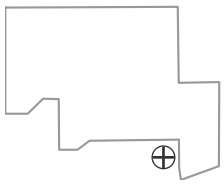
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

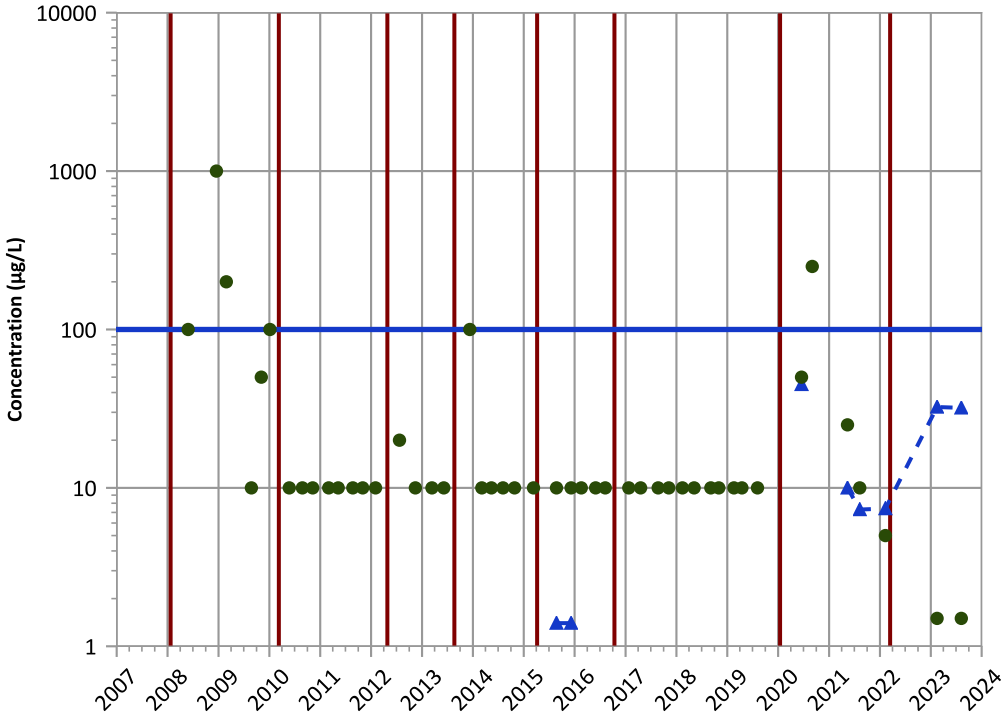
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

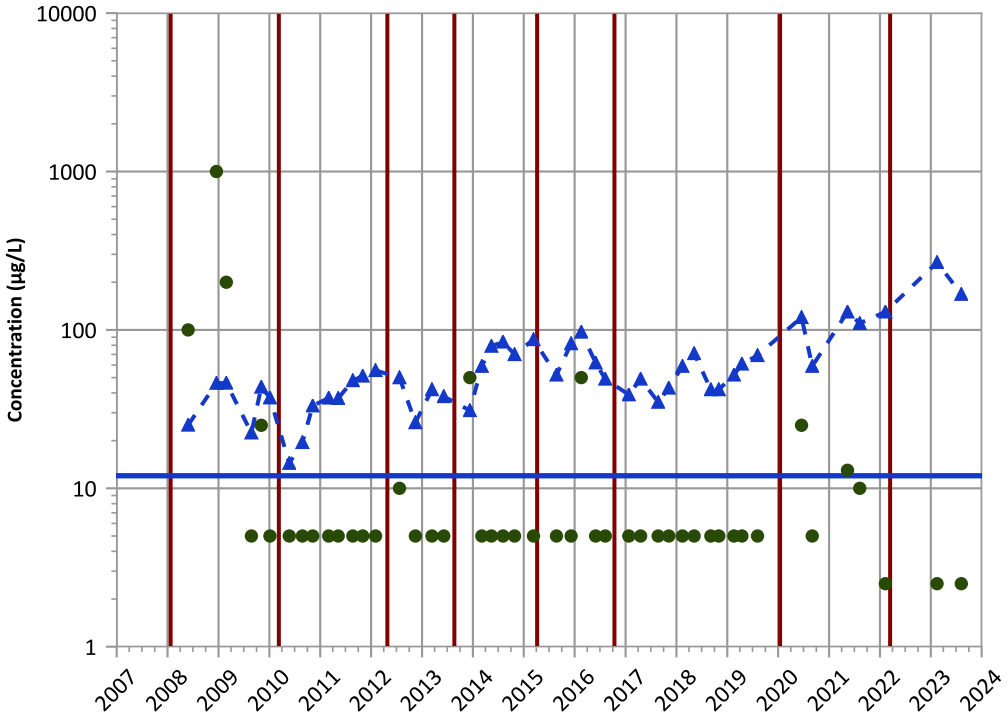


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Arsenic Trend



Concentration Trend

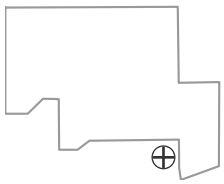
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

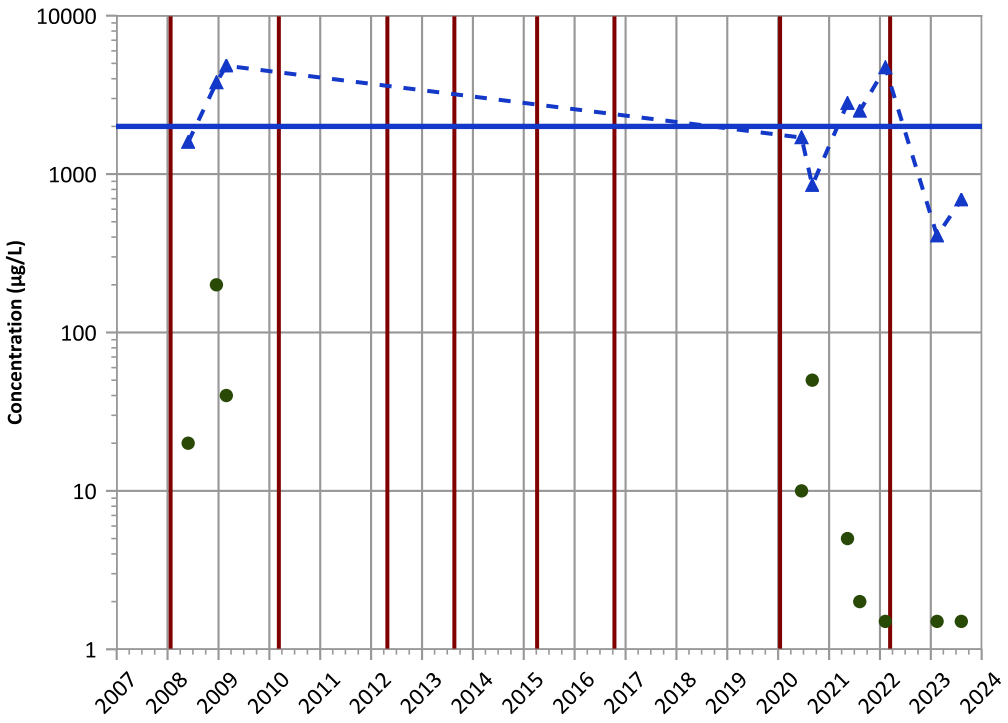
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

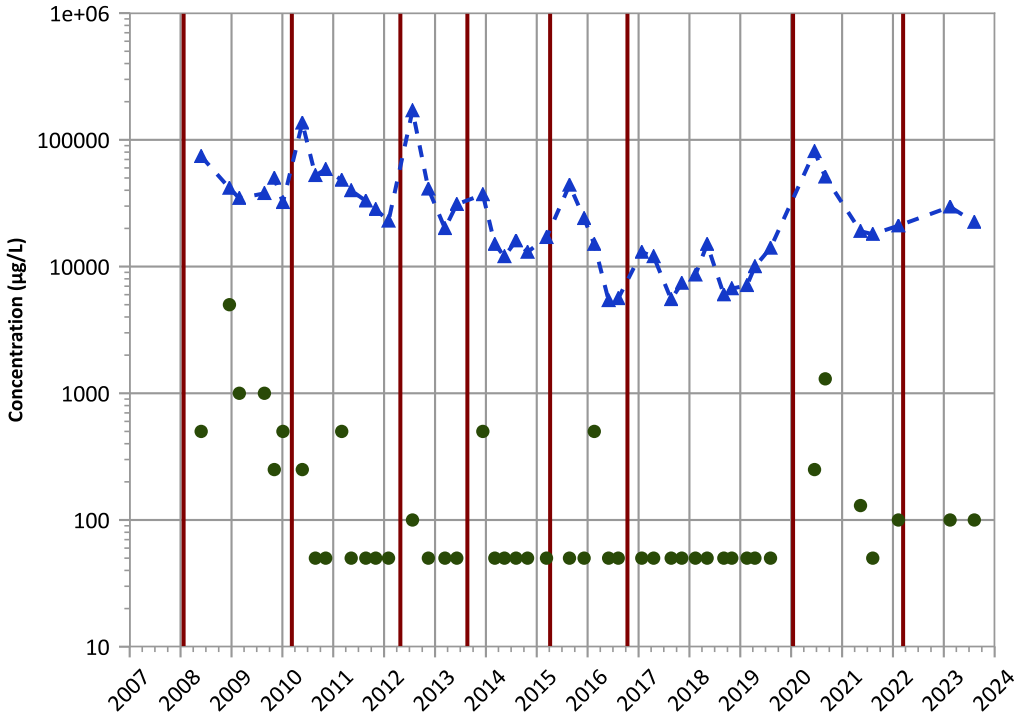


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Iron Trend



Concentration Trend

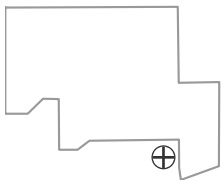
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

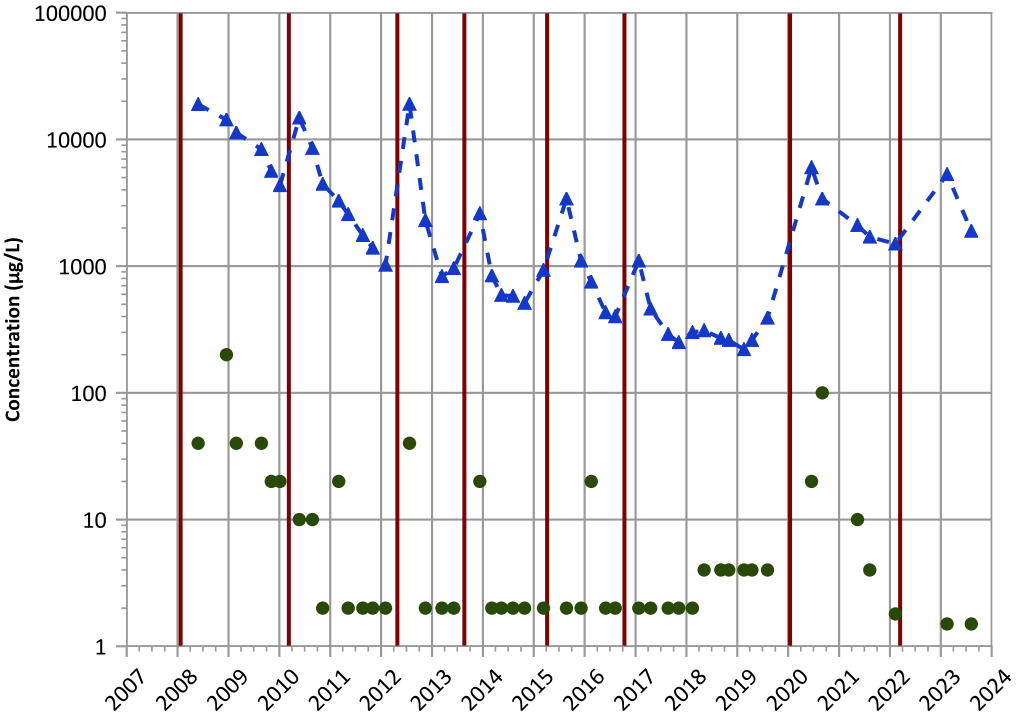
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

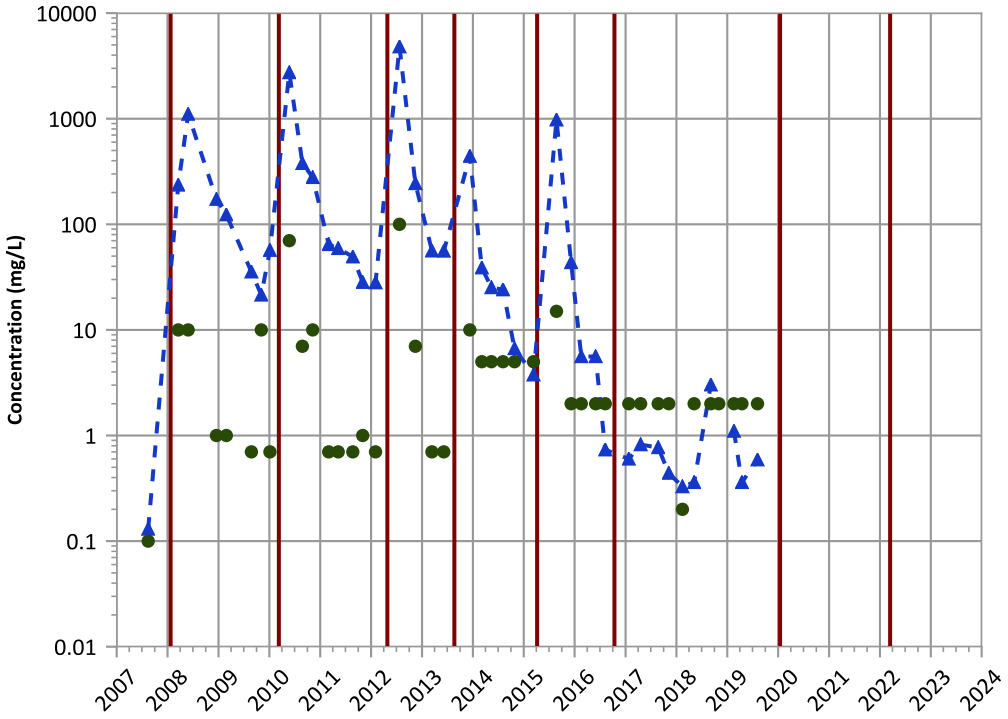


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

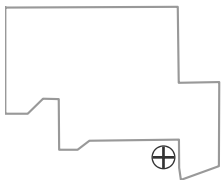
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

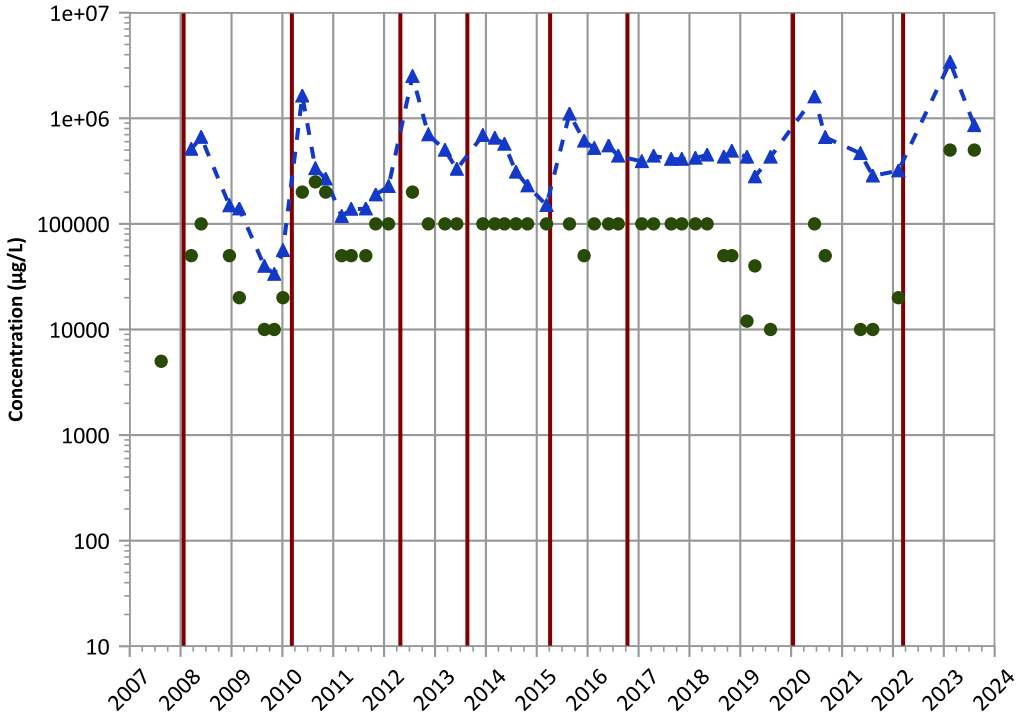
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

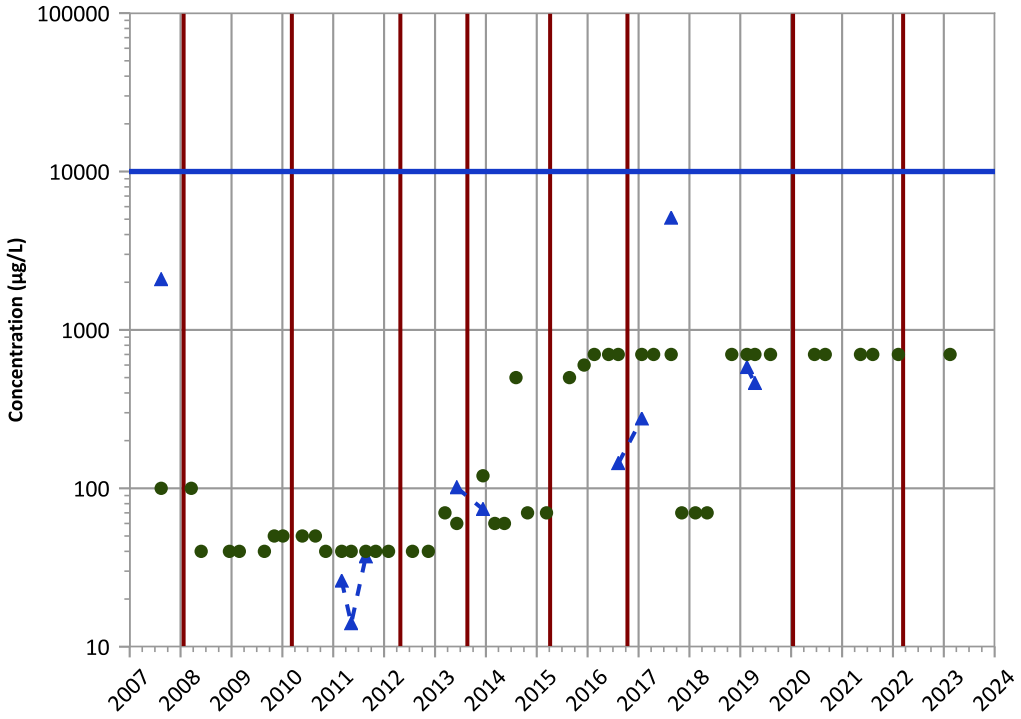


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

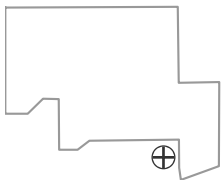
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

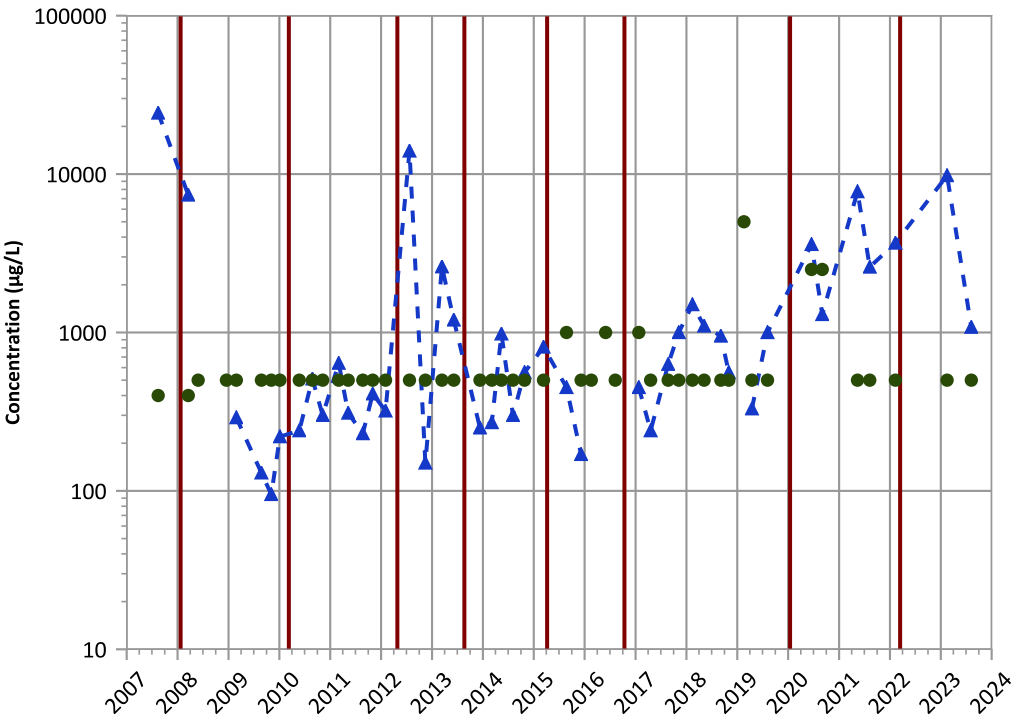
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

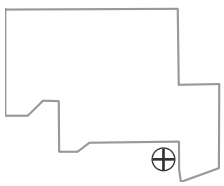
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

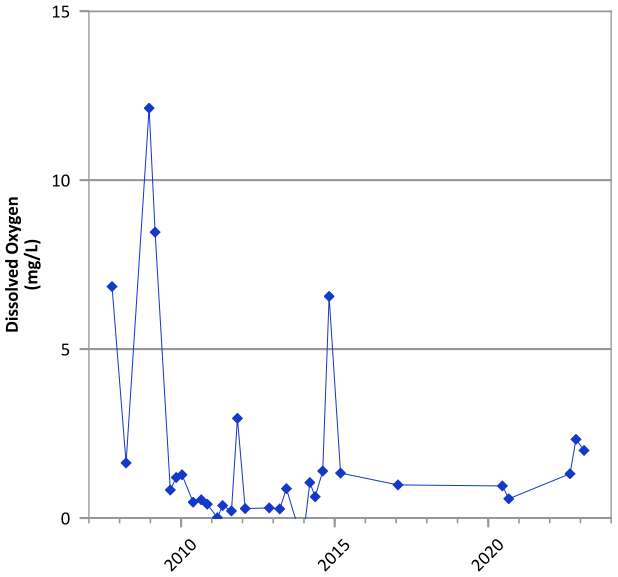
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 08/15/2007 to 08/08/2023
Analysis Date: 04/01/2024

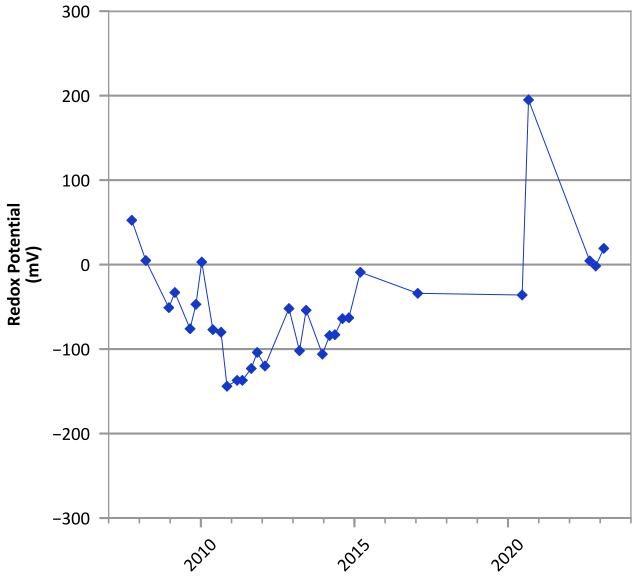
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

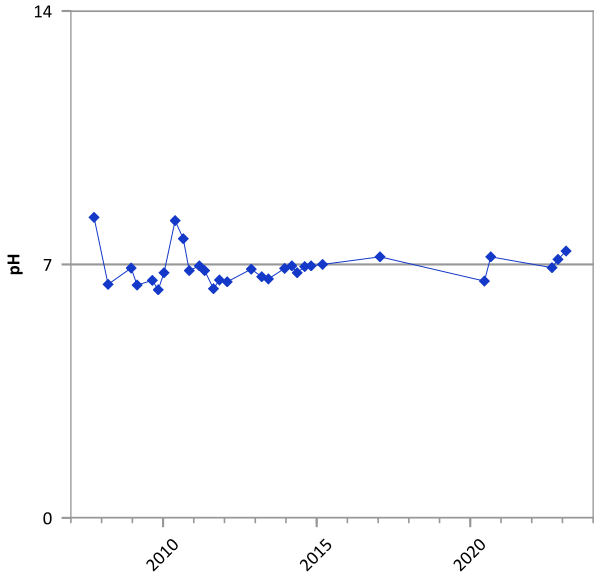
Well Location

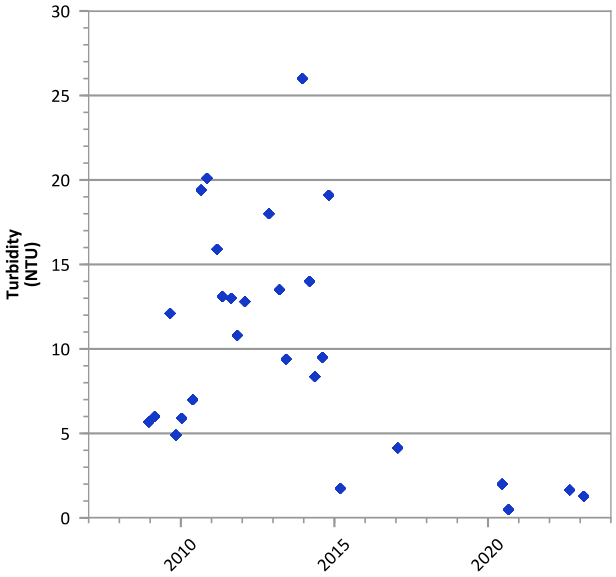


PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

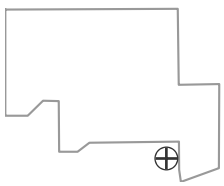






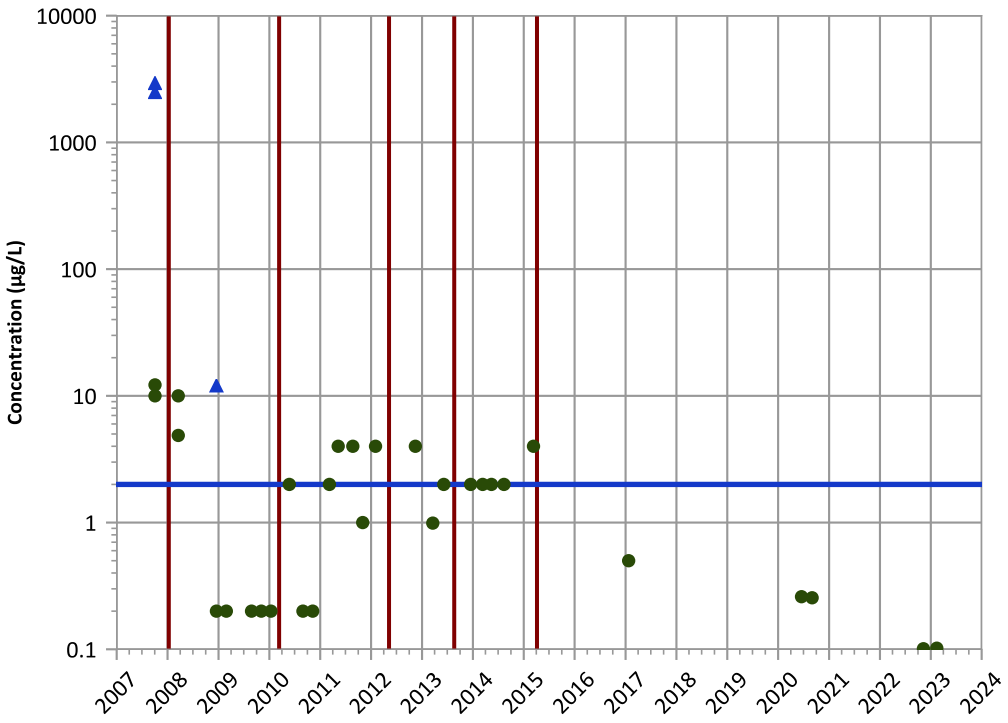


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024



PTX06-ISB042 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 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

Concentration Trend

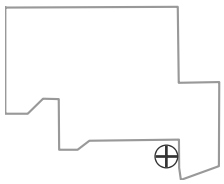
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

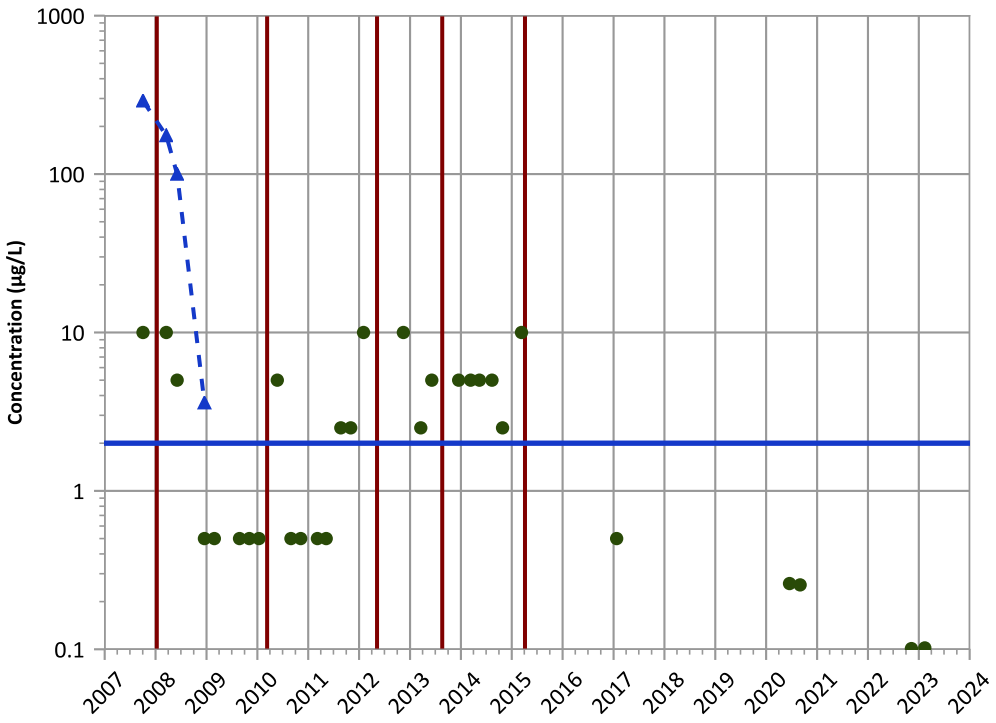
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Decreasing

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

Concentration Trend

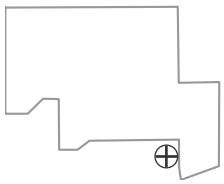
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

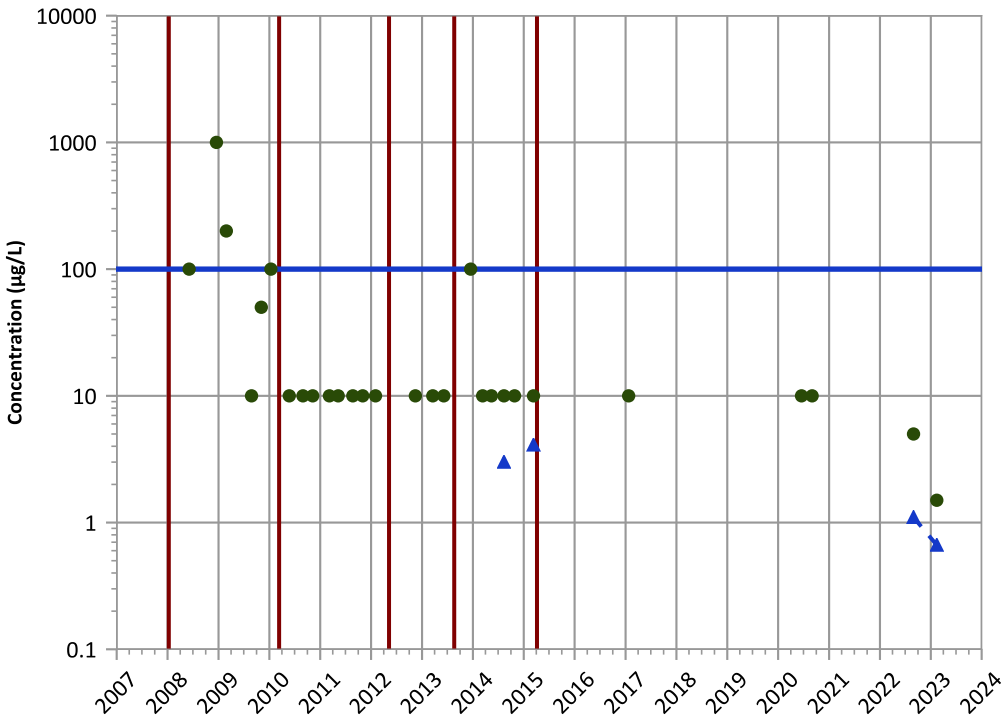
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

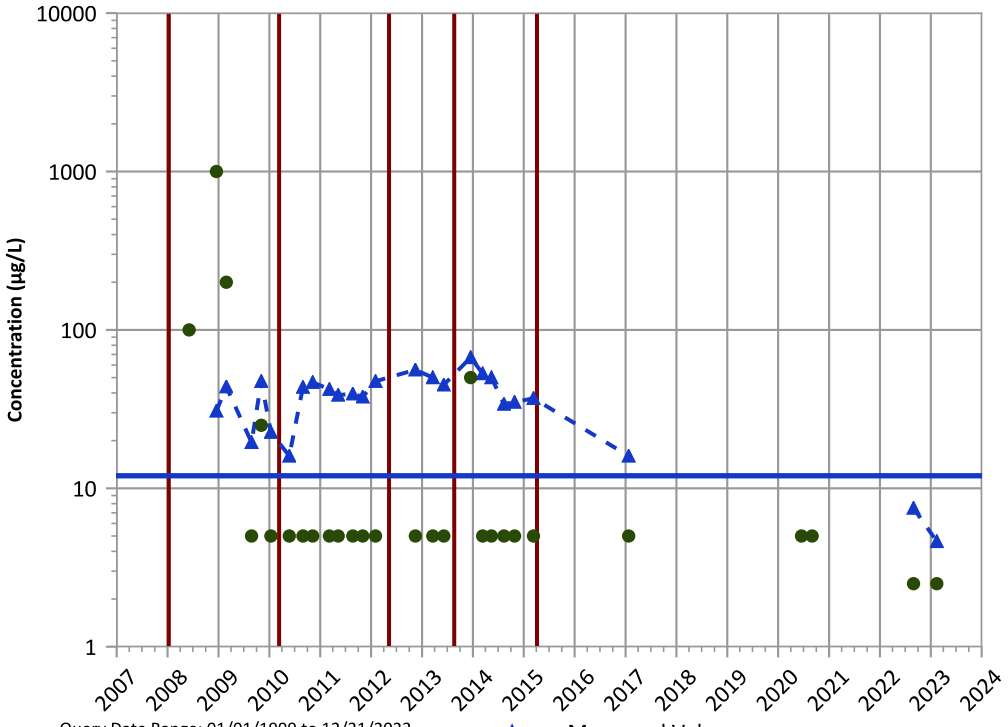


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Arsenic Trend



Concentration Trend

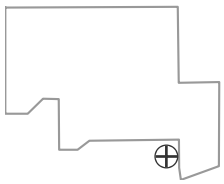
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

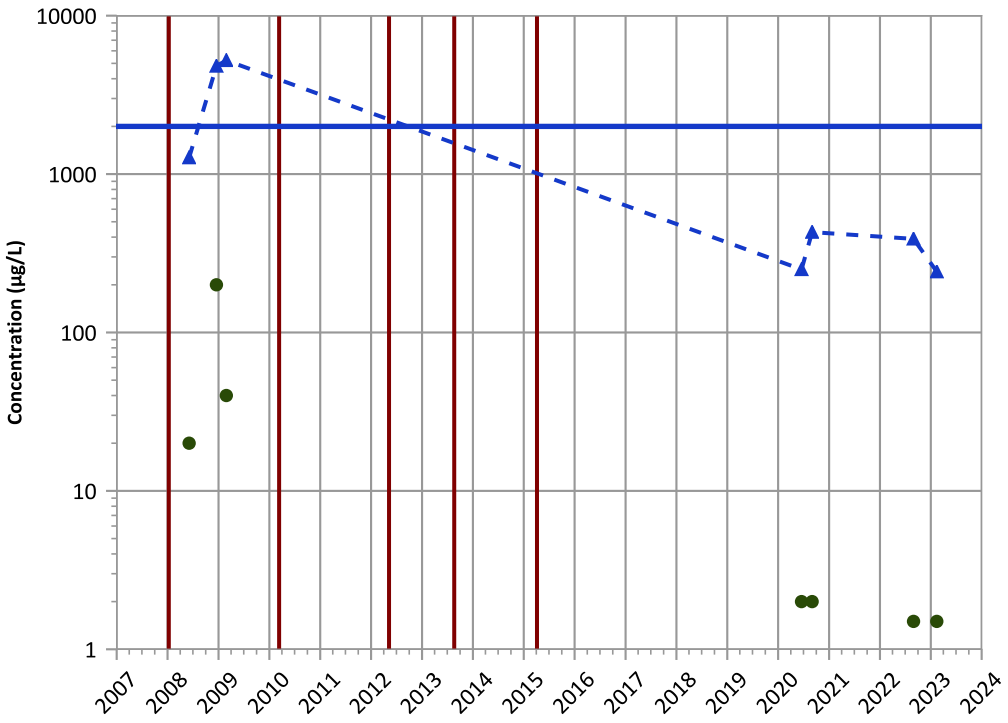
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

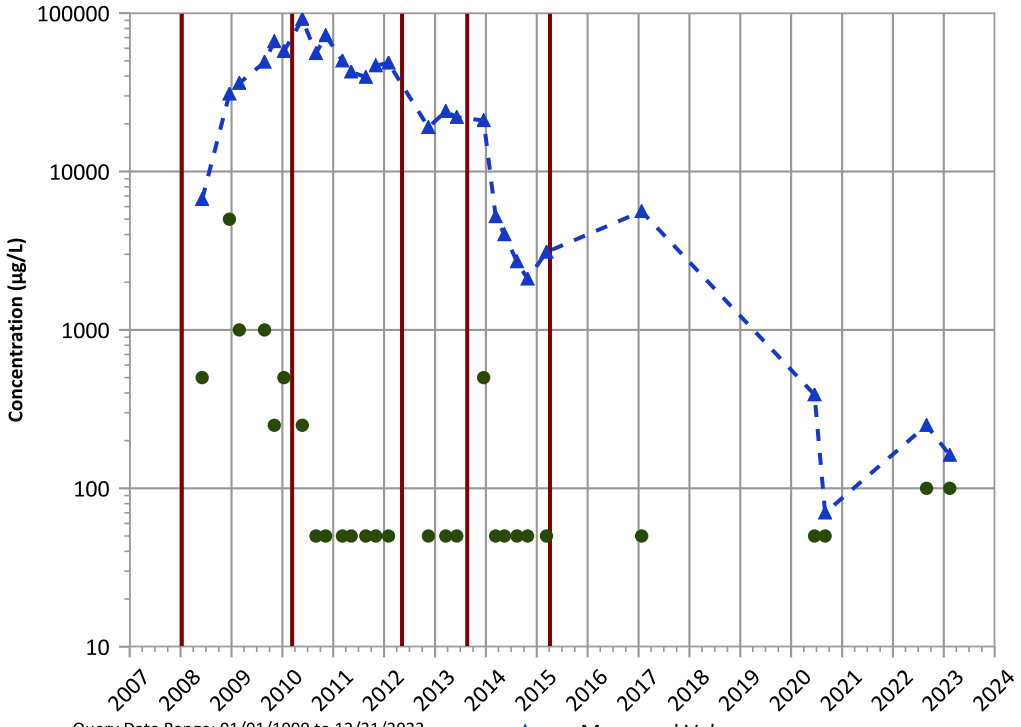


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Iron Trend



Concentration Trend

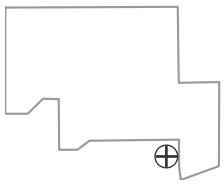
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

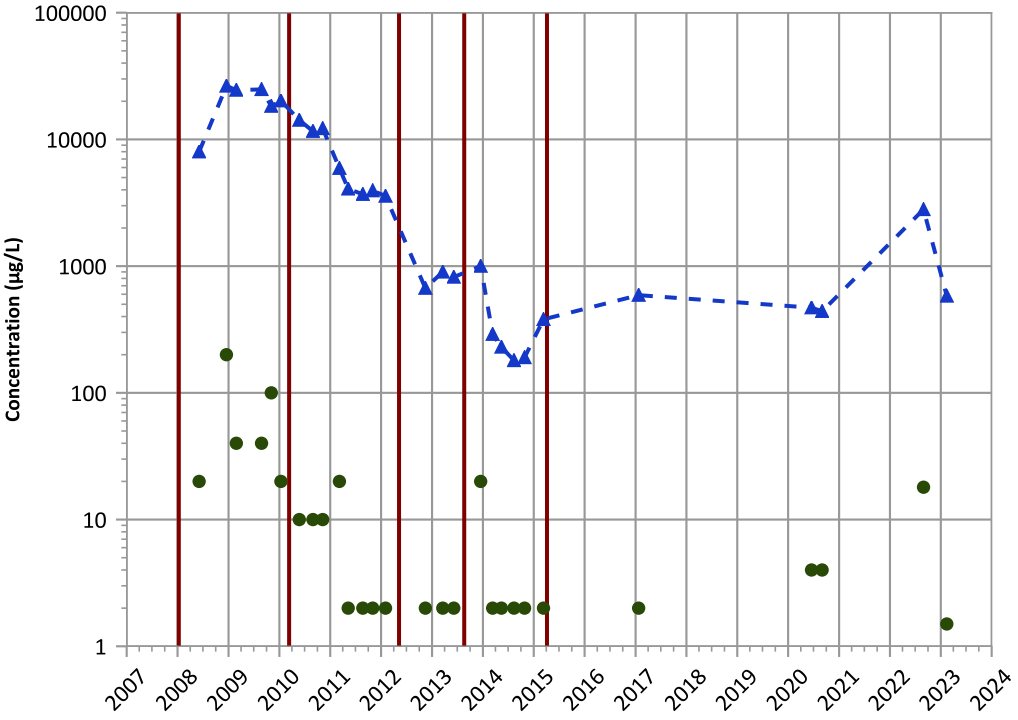
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

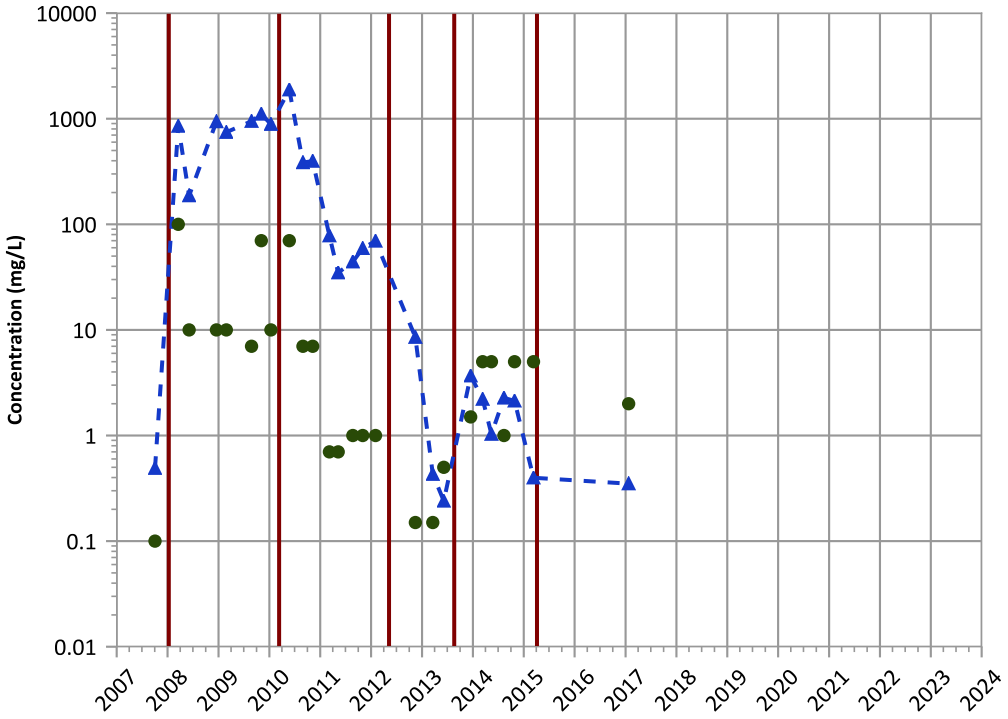


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

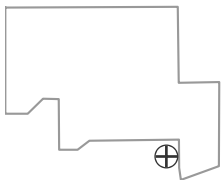
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

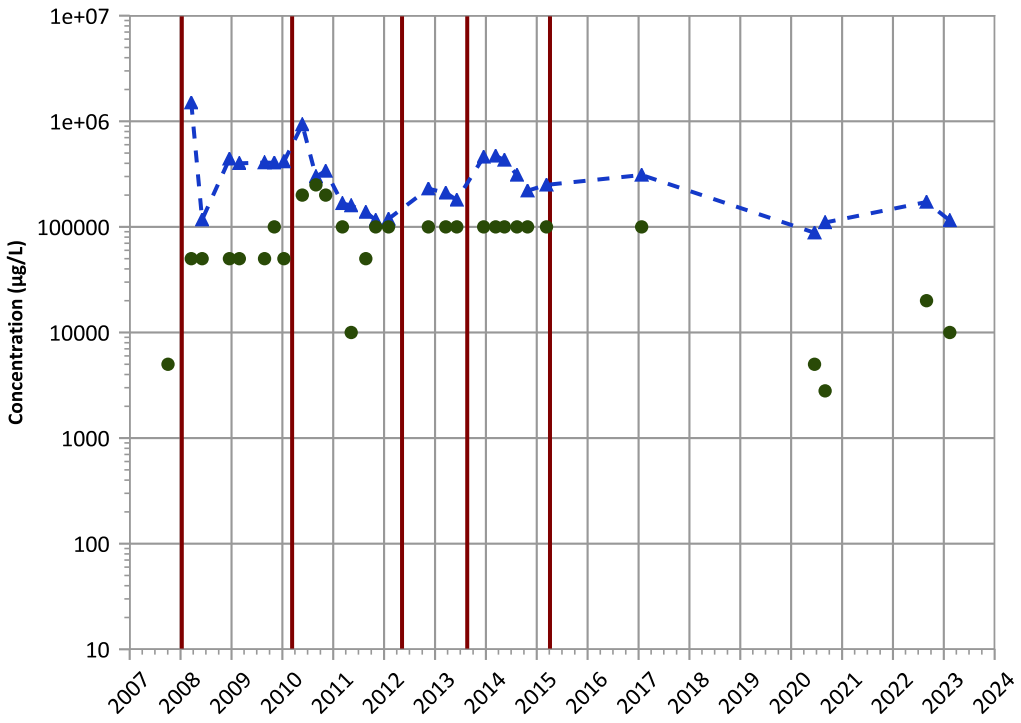
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

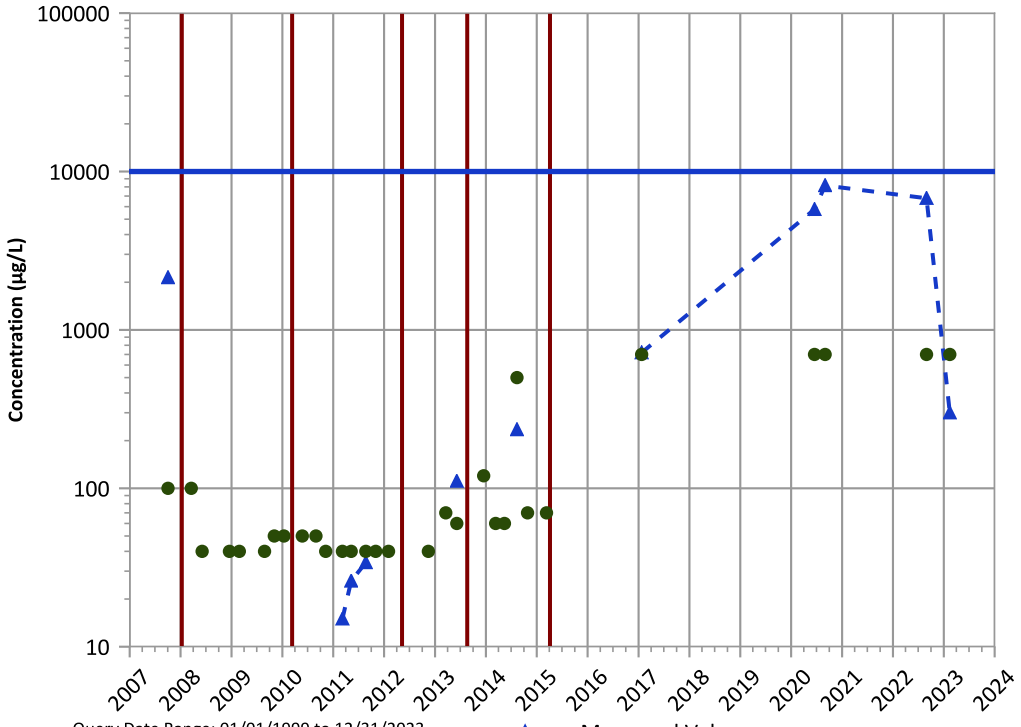


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Nitrate as N Trend



Concentration Trend

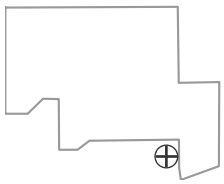
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

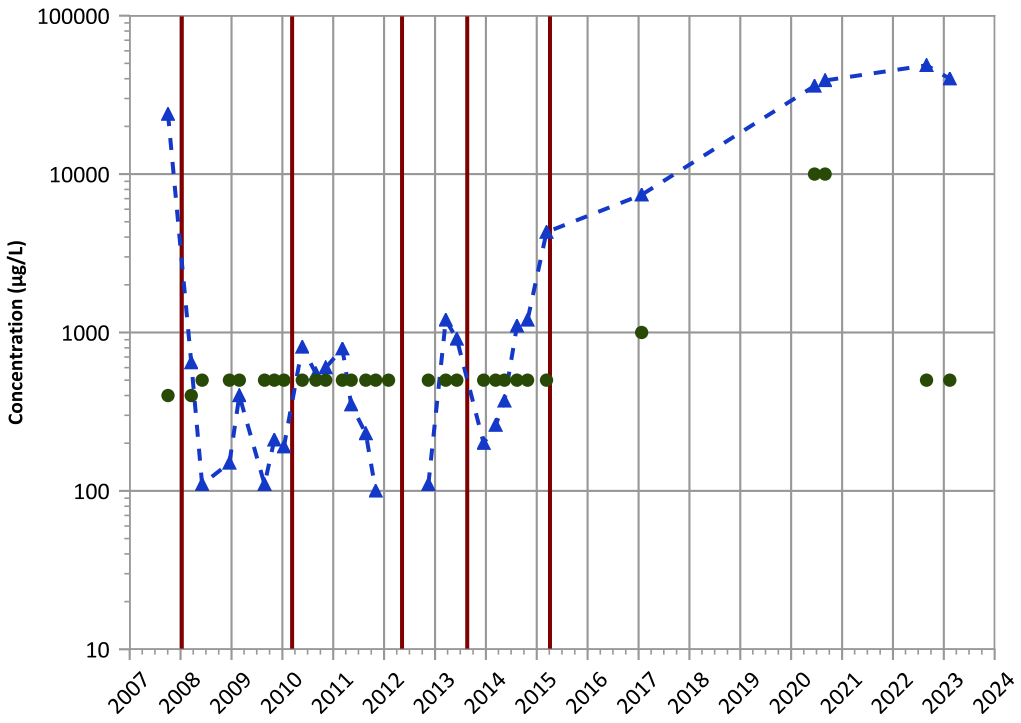
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

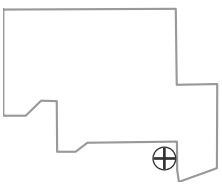
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

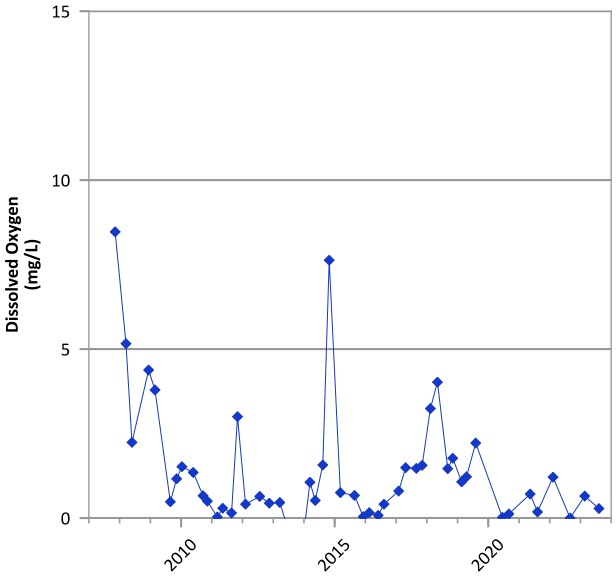
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 10/03/2007 to 02/13/2023
Analysis Date: 04/01/2024

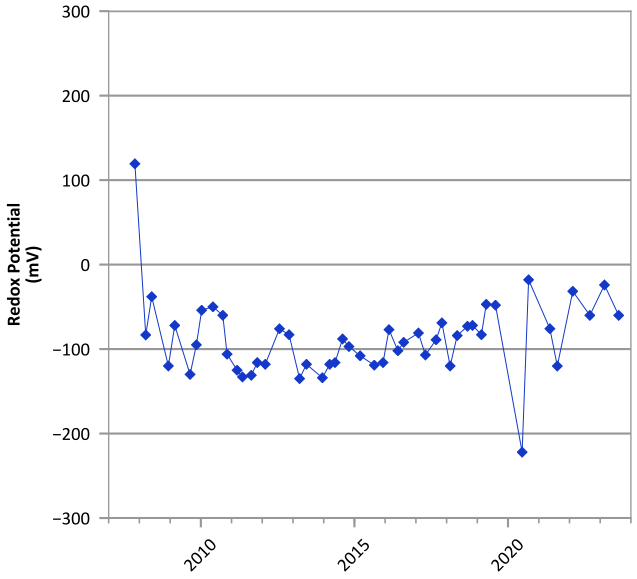
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

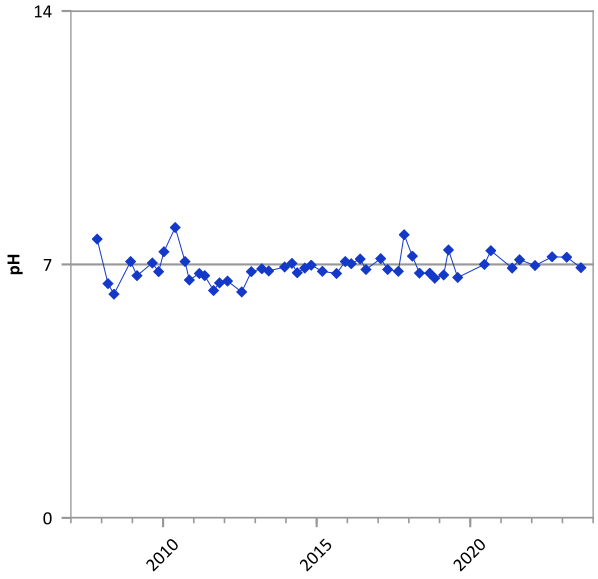
Well Location

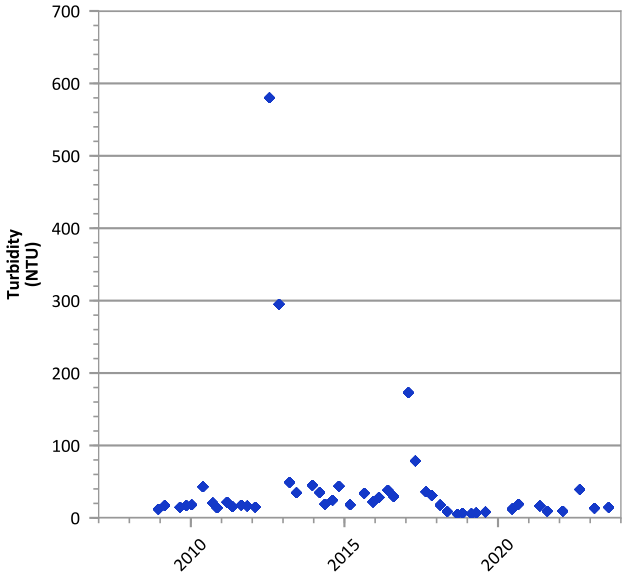


PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

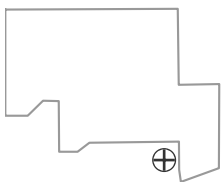






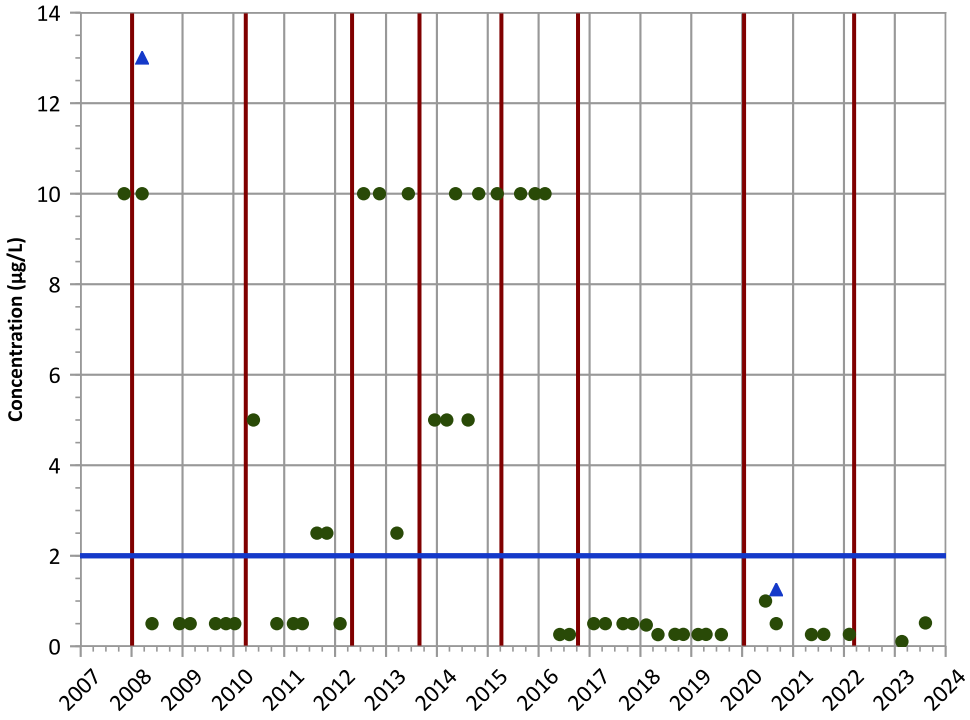


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

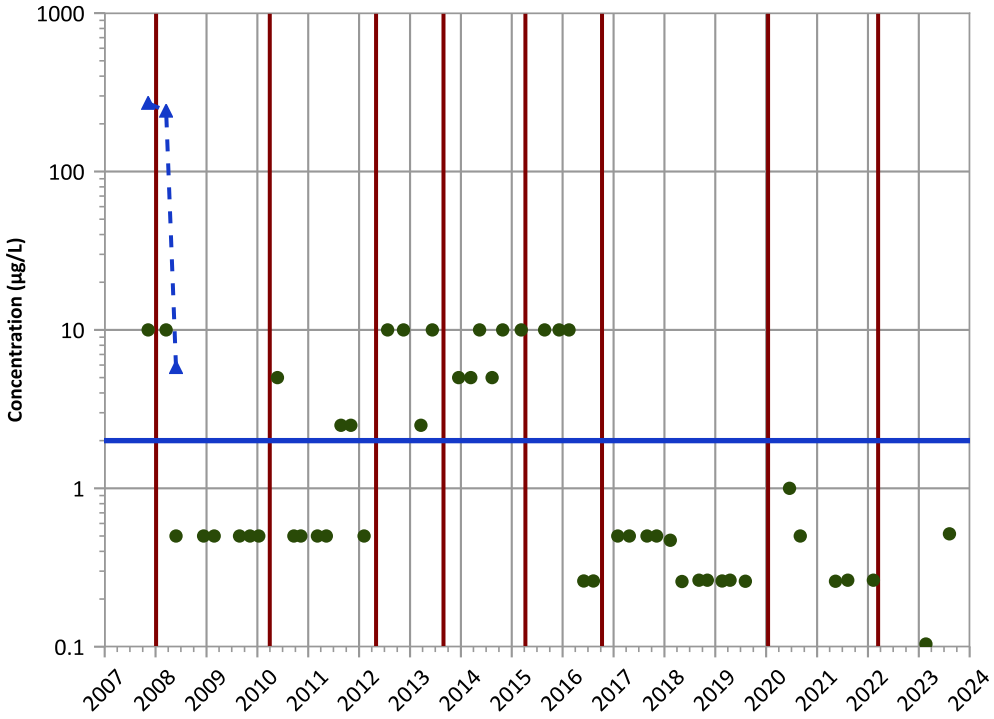


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

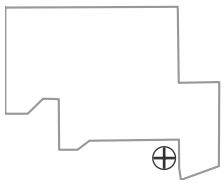
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

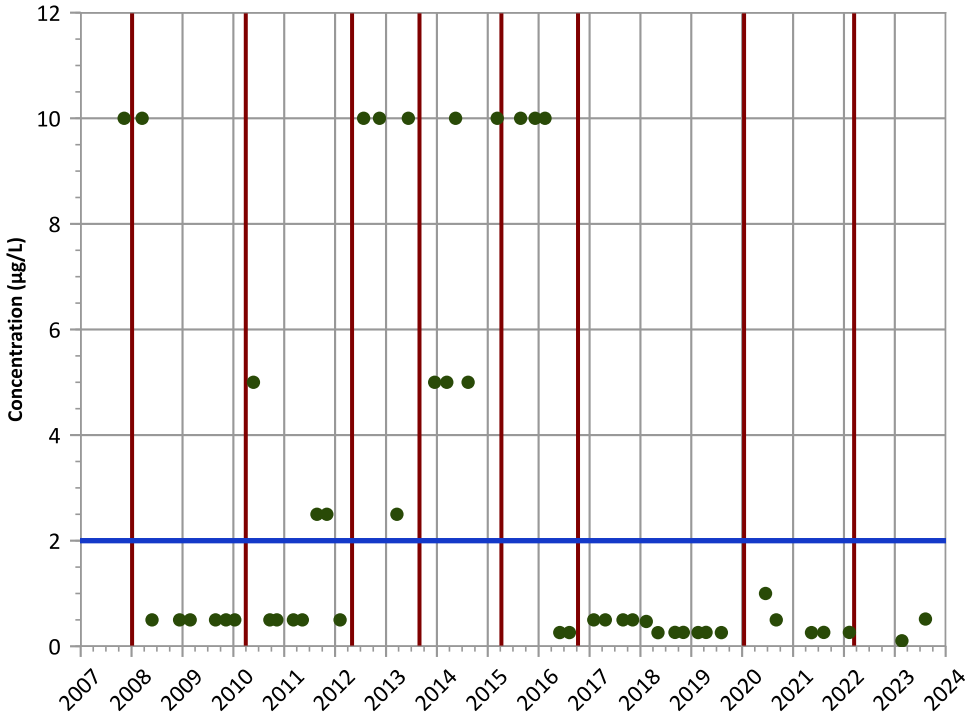
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

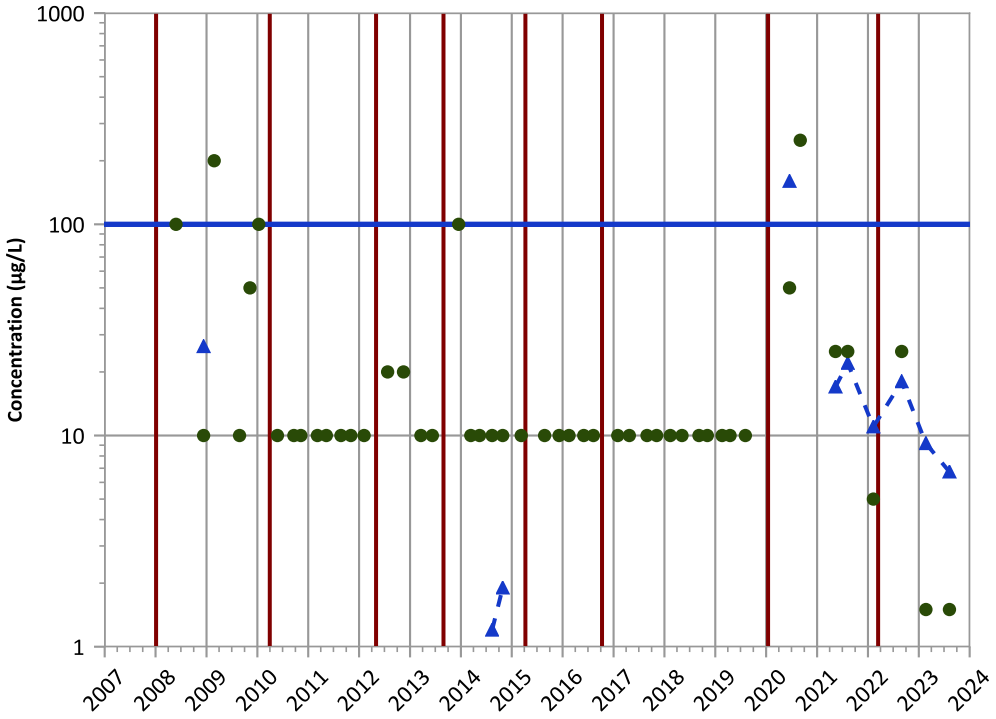


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chromium, Total Trend



Concentration Trend

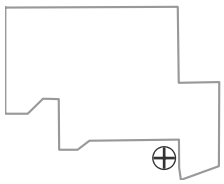
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

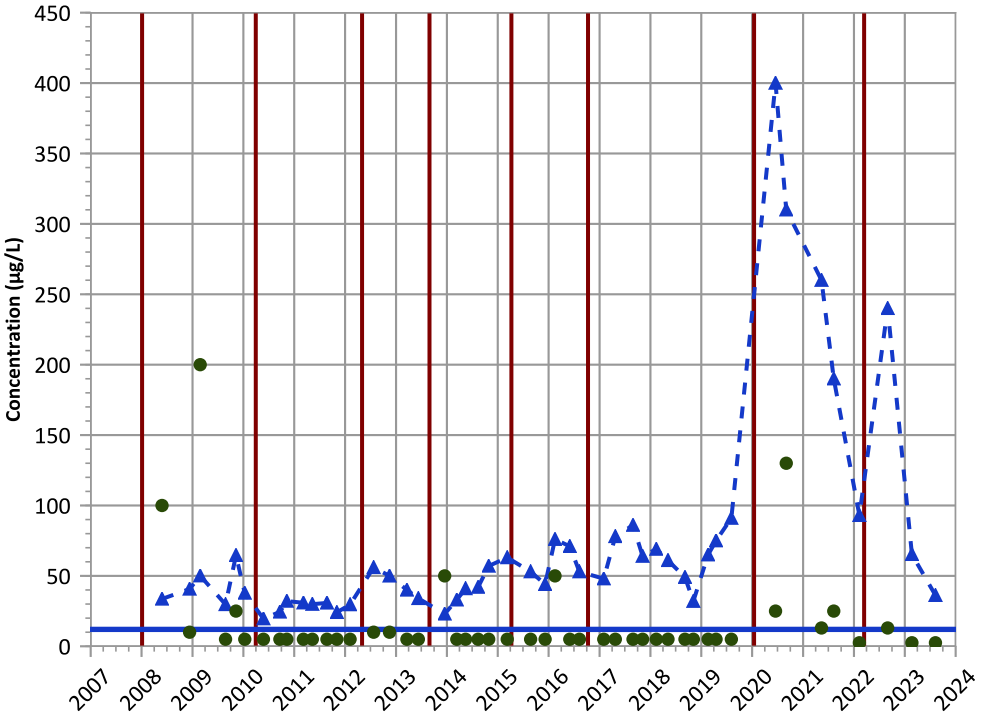
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

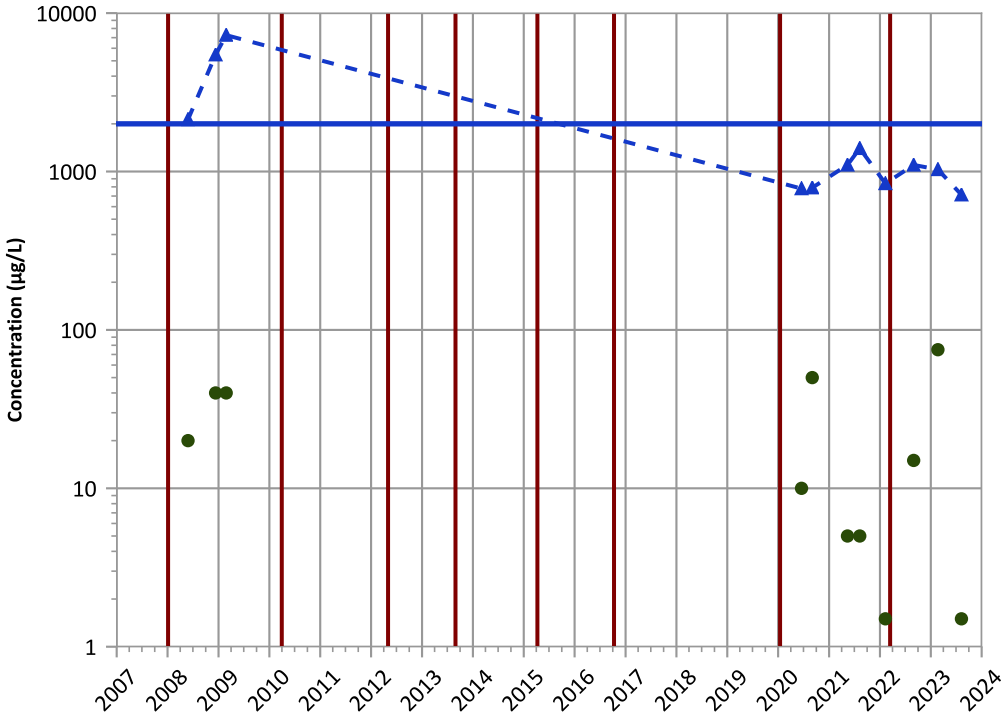


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

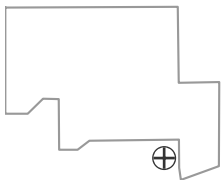
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

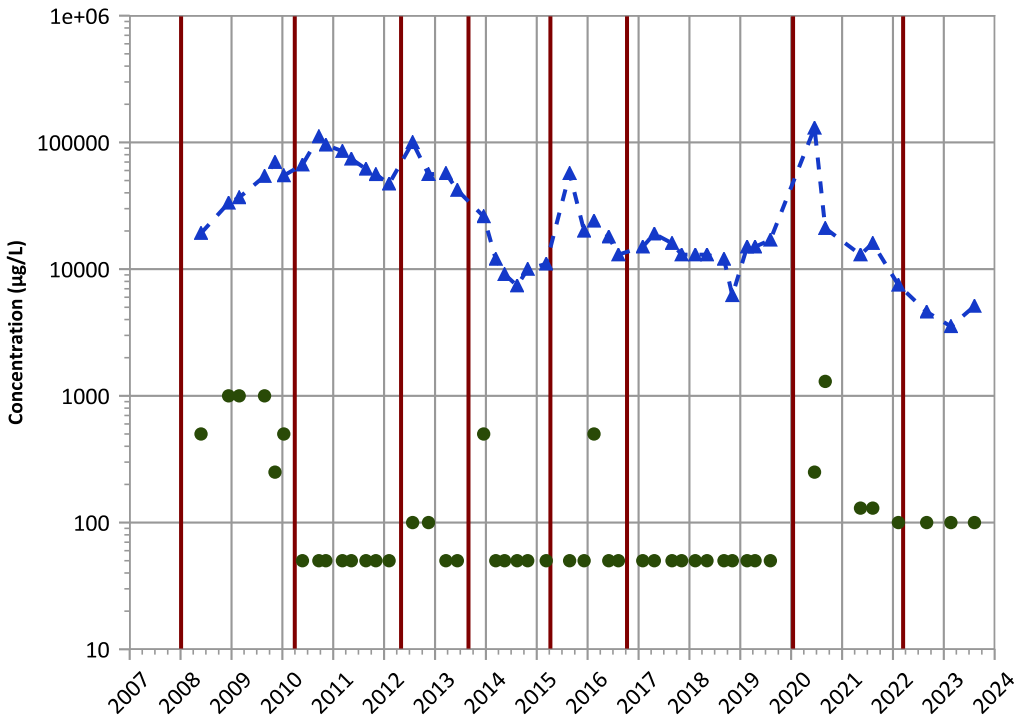
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

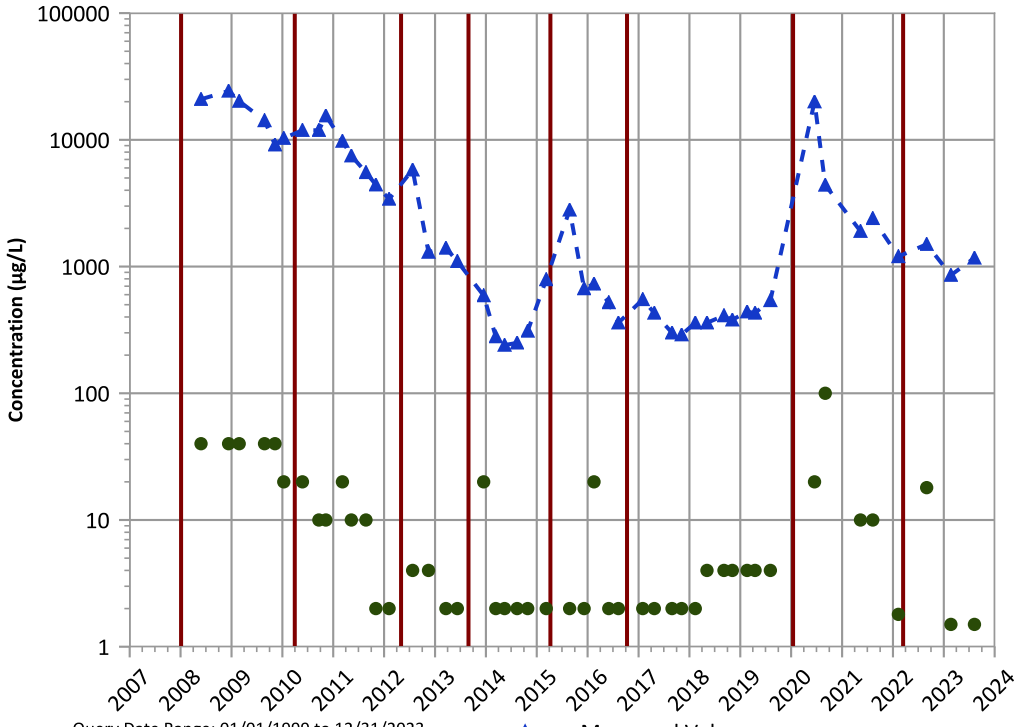


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

Manganese Trend



Concentration Trend

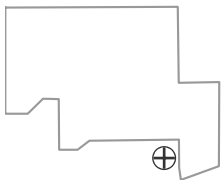
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

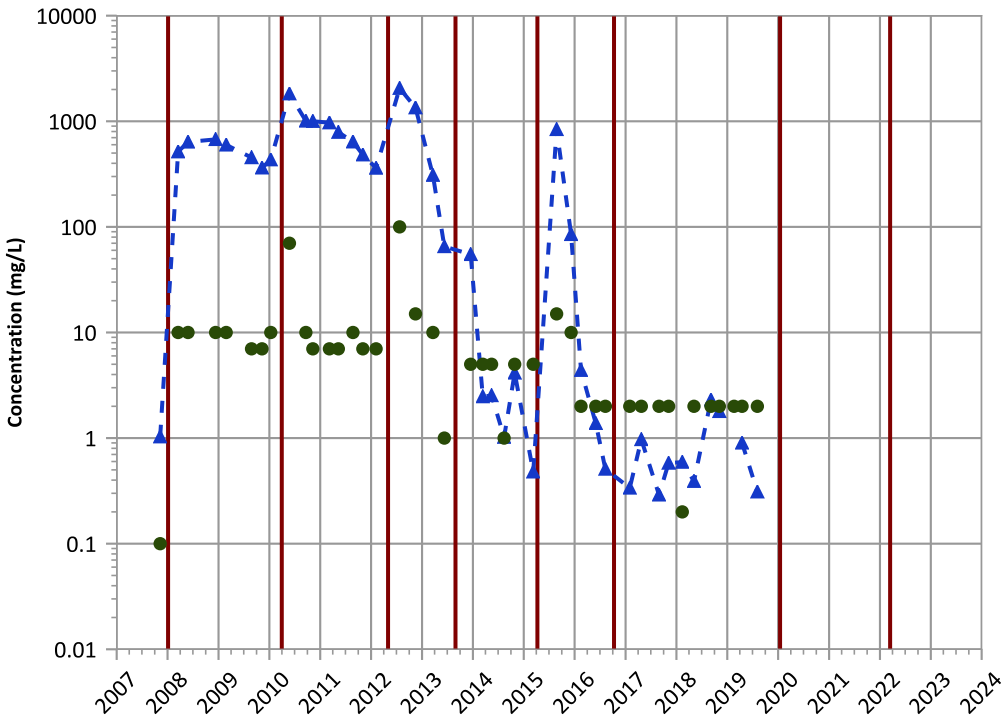
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

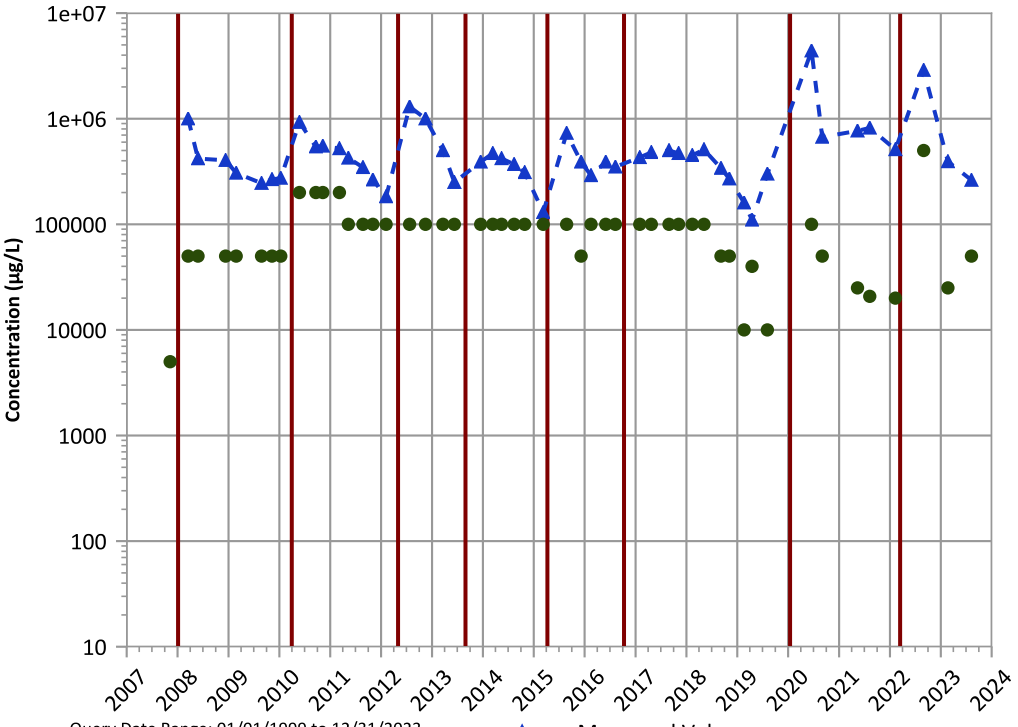


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Total Organic Carbon Trend



Concentration Trend

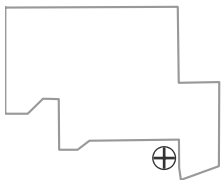
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

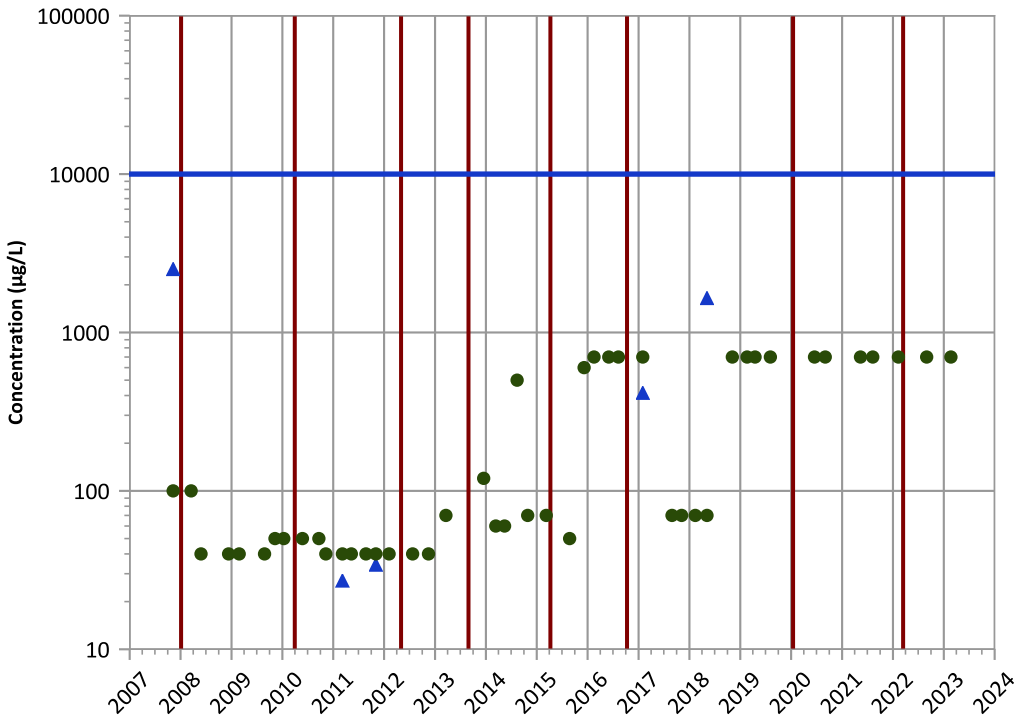
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

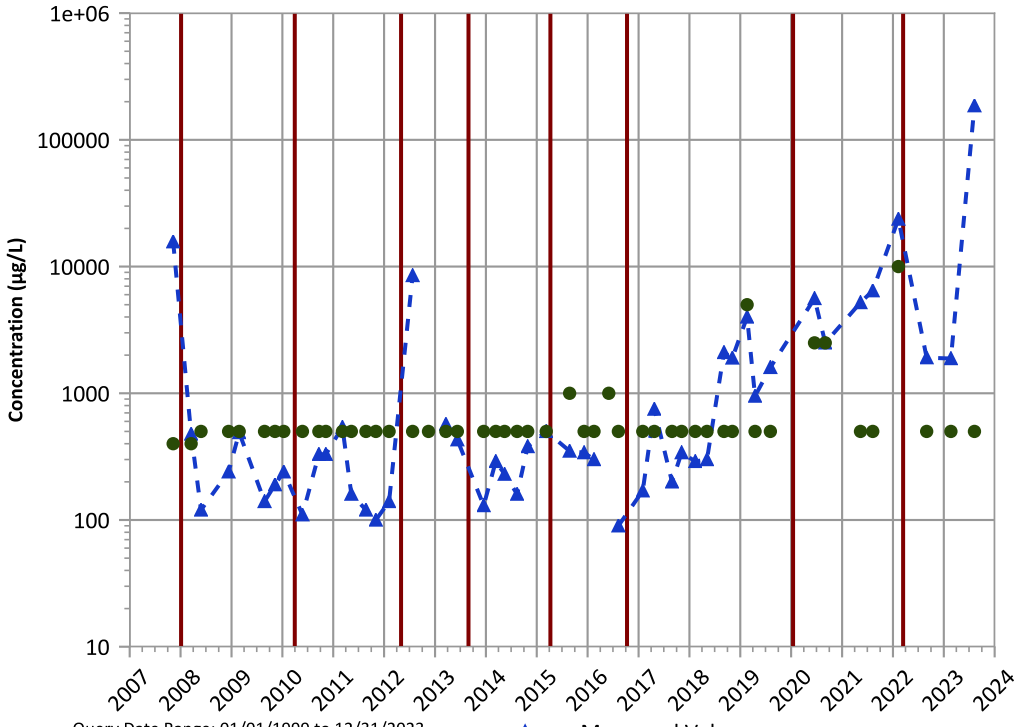


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Sulfate (as SO4) Trend



Concentration Trend

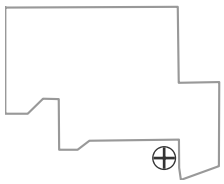
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

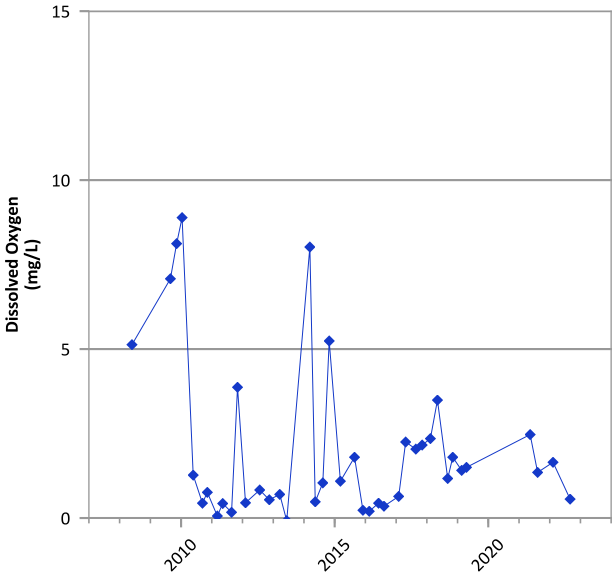
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/09/2007 to 08/09/2023
Analysis Date: 04/01/2024

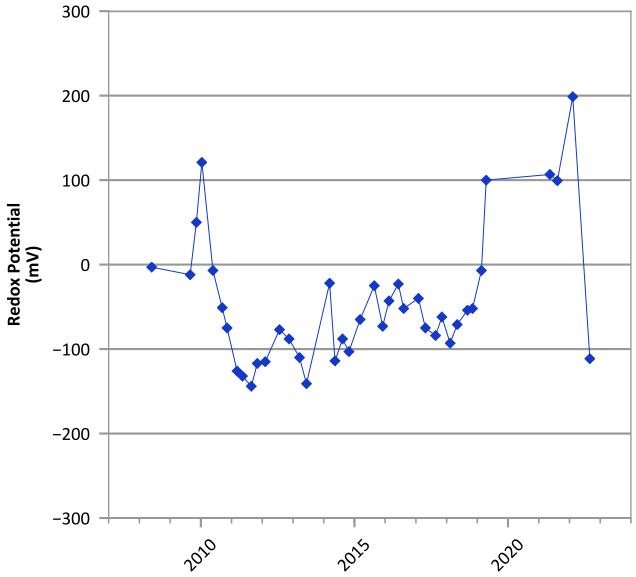
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

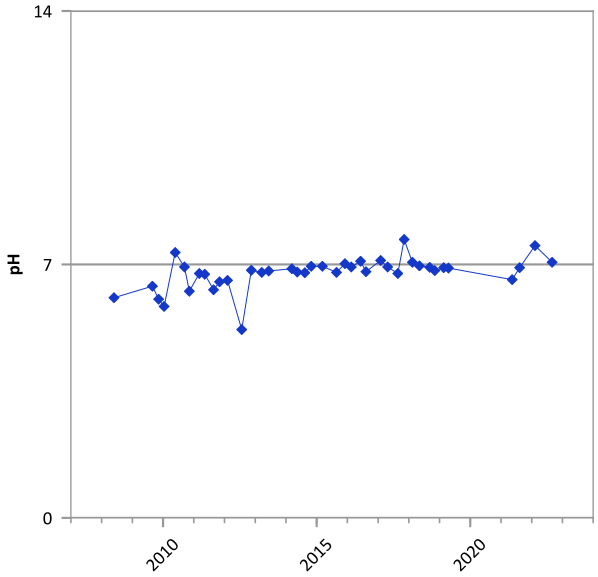
Well Location

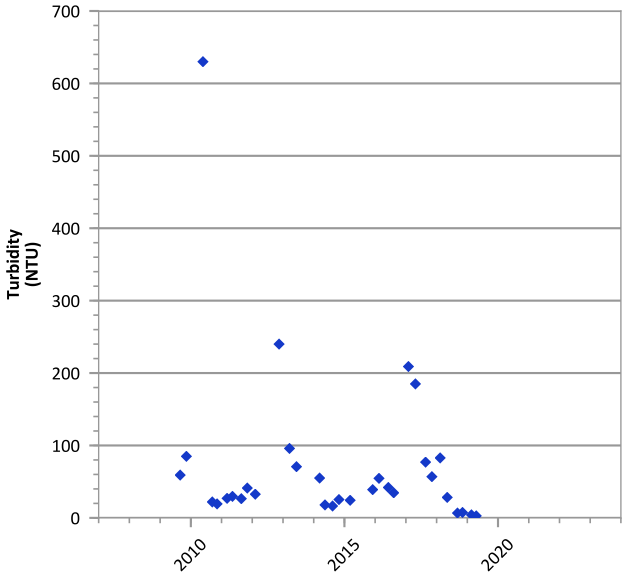


PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

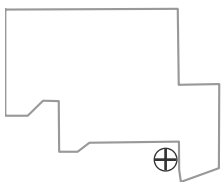






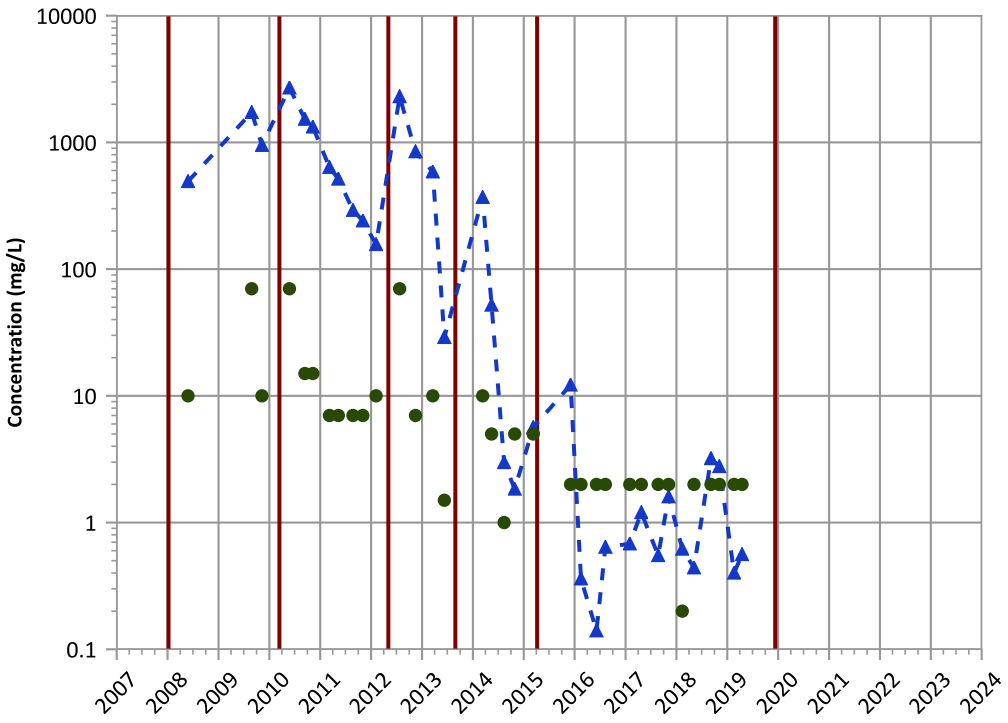


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/27/2008 to 04/17/2019
Analysis Date: 04/01/2024



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

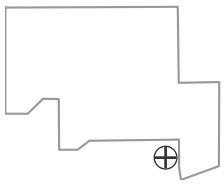
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

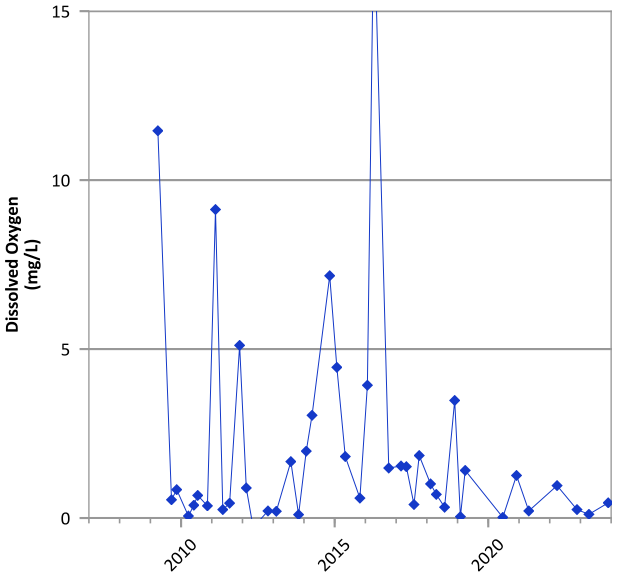
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 05/27/2008 to 04/17/2019
Analysis Date: 04/01/2024

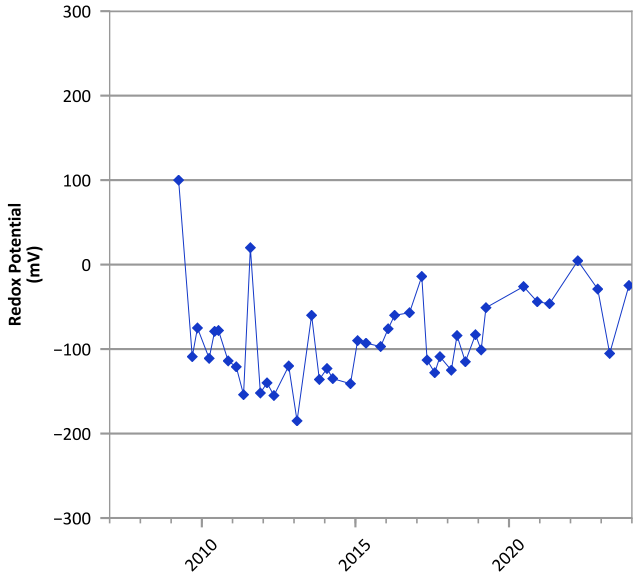
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

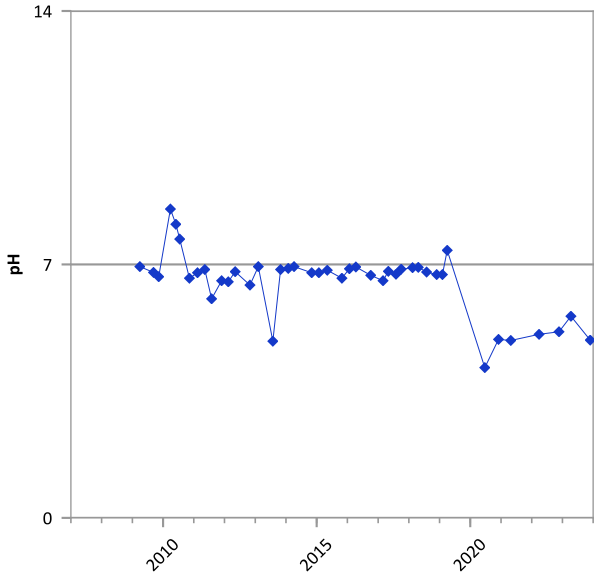
Well Location

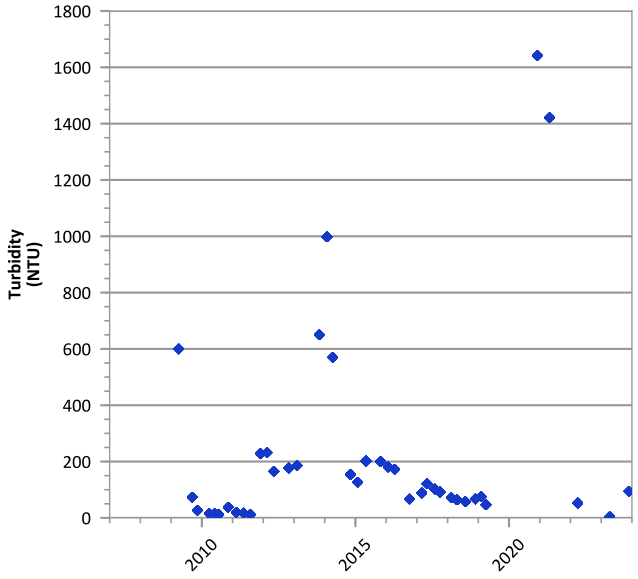


PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

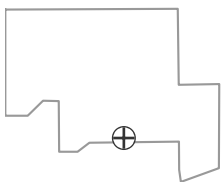






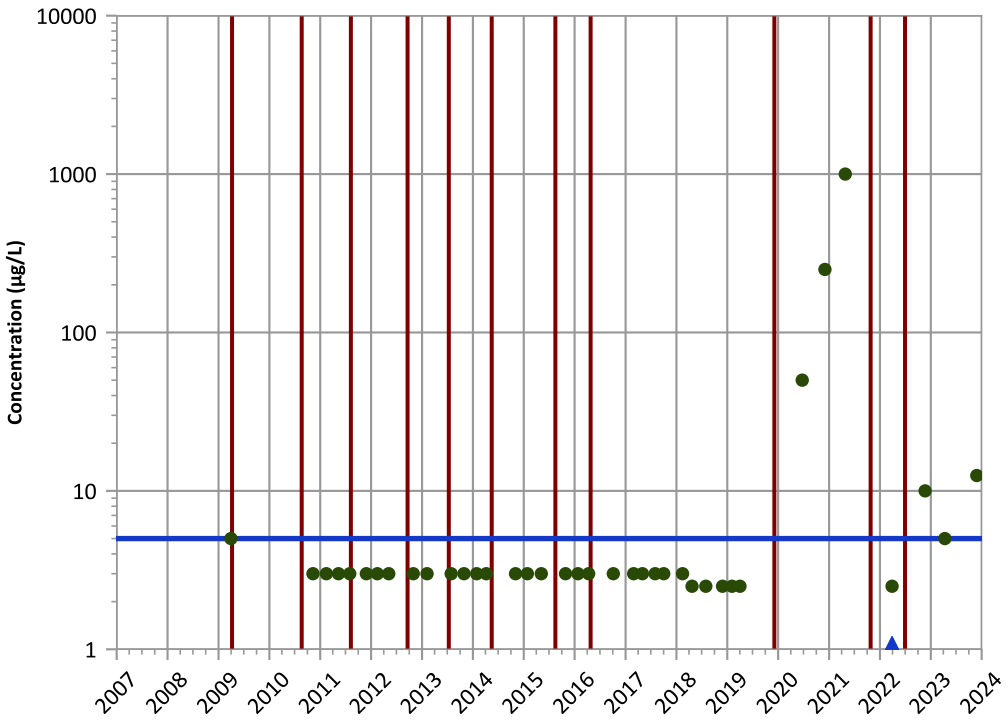


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

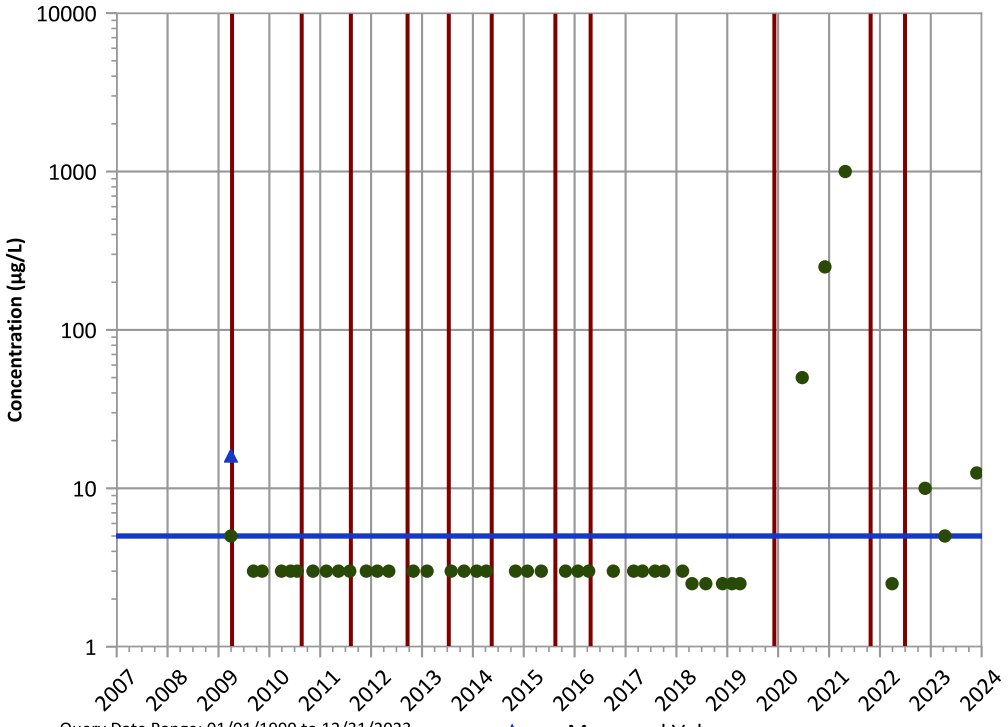


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

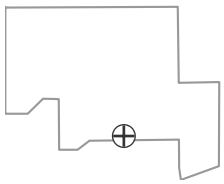
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

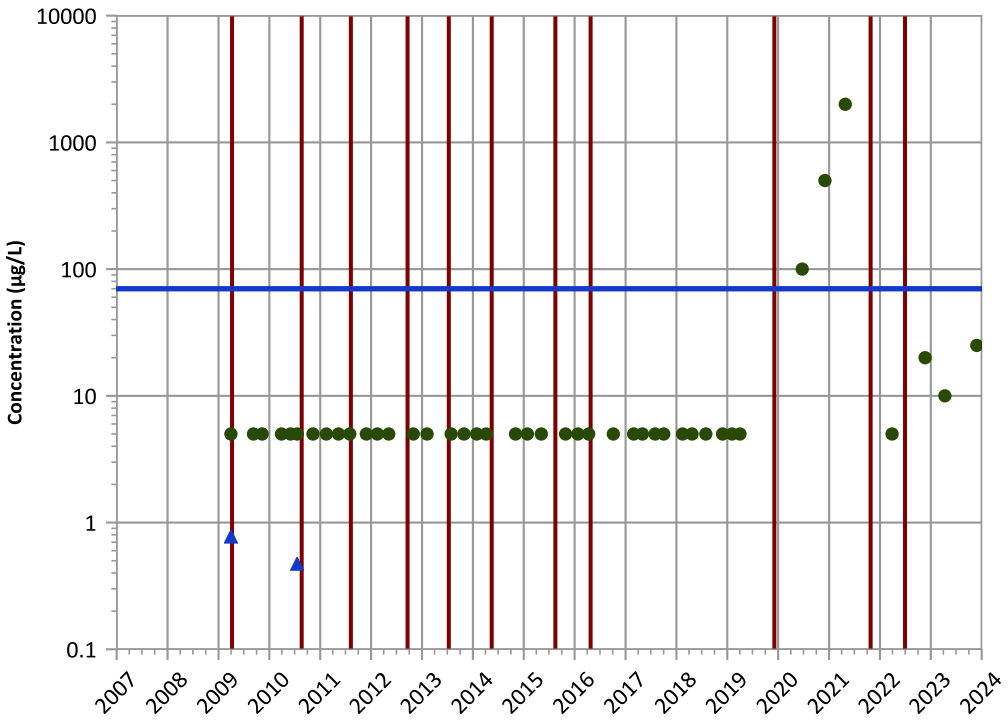
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

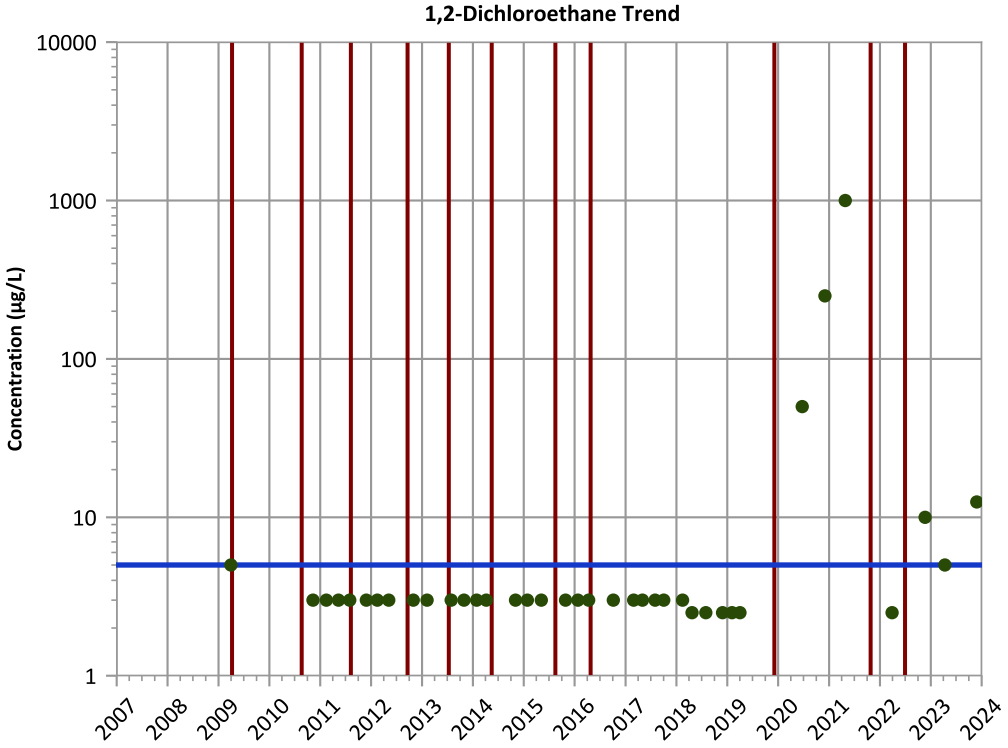


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

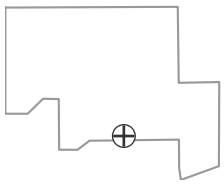
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

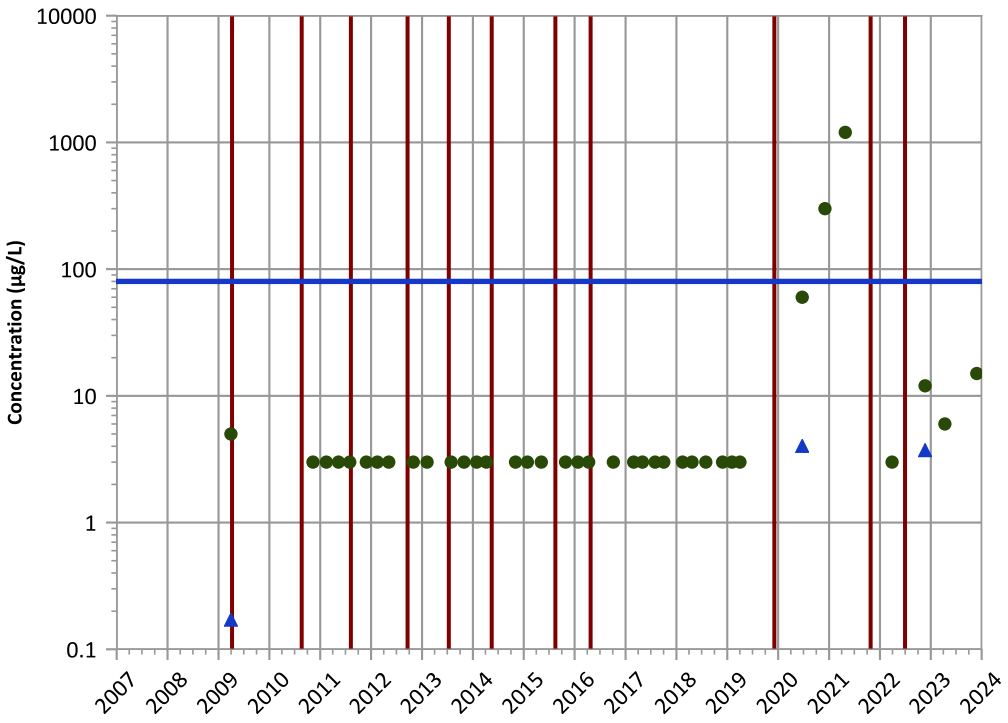
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

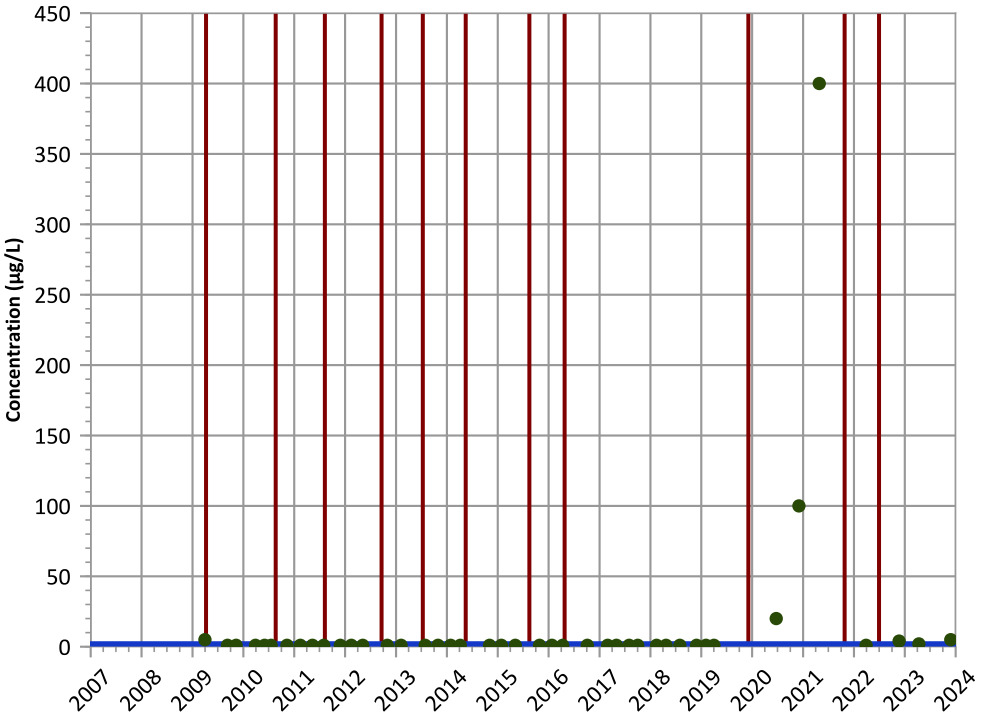


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

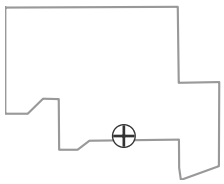
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

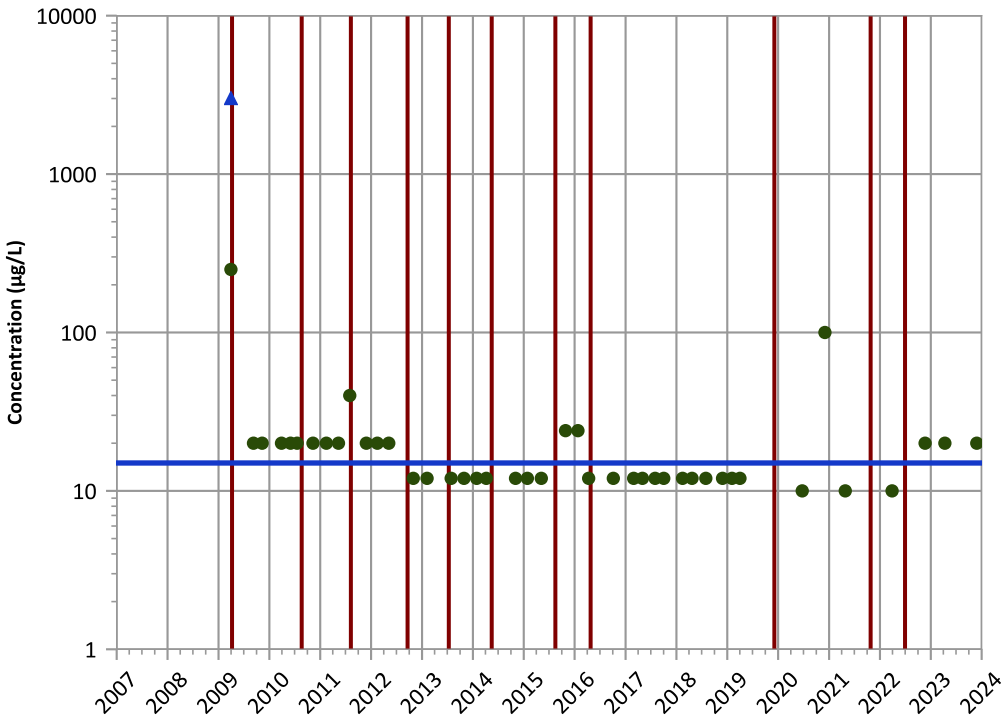
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

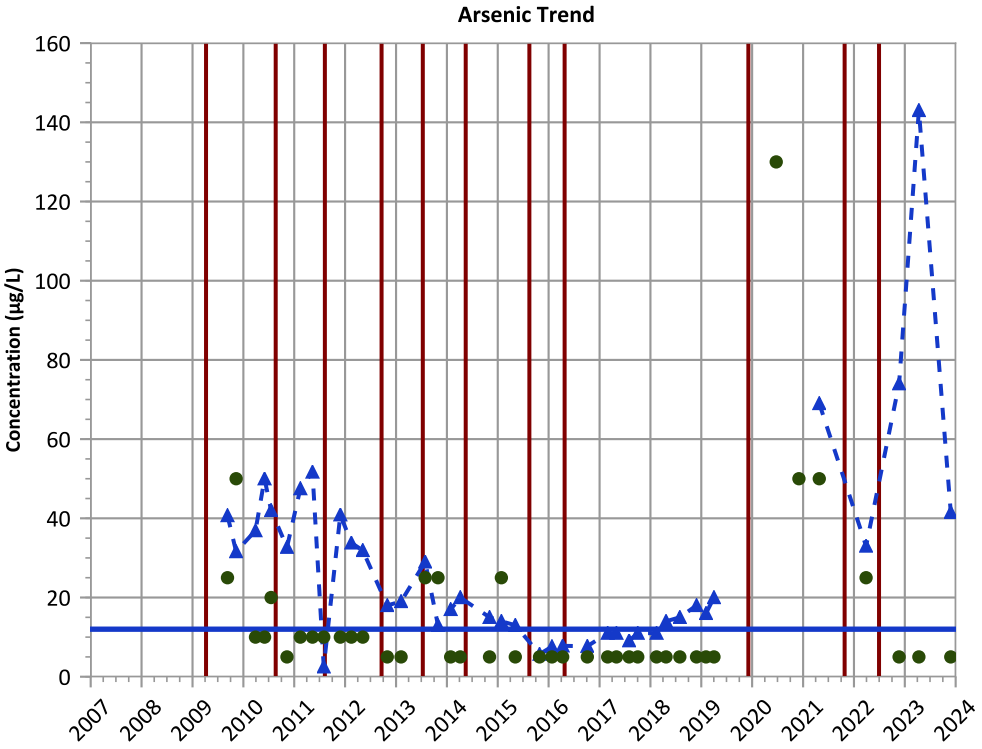


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

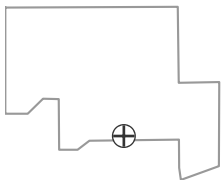
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

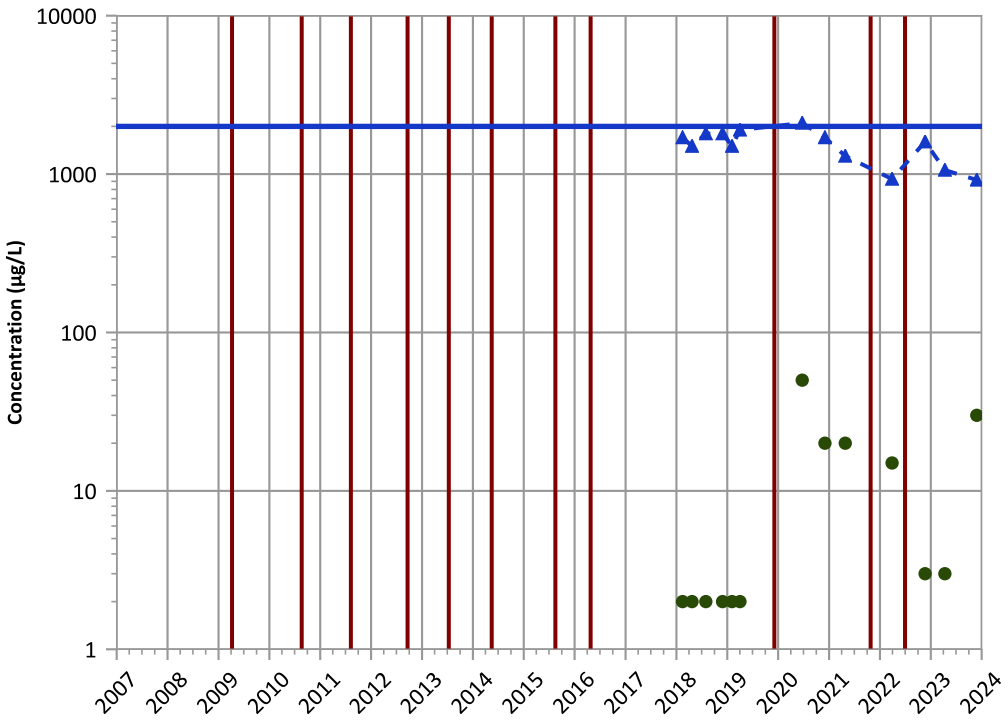
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

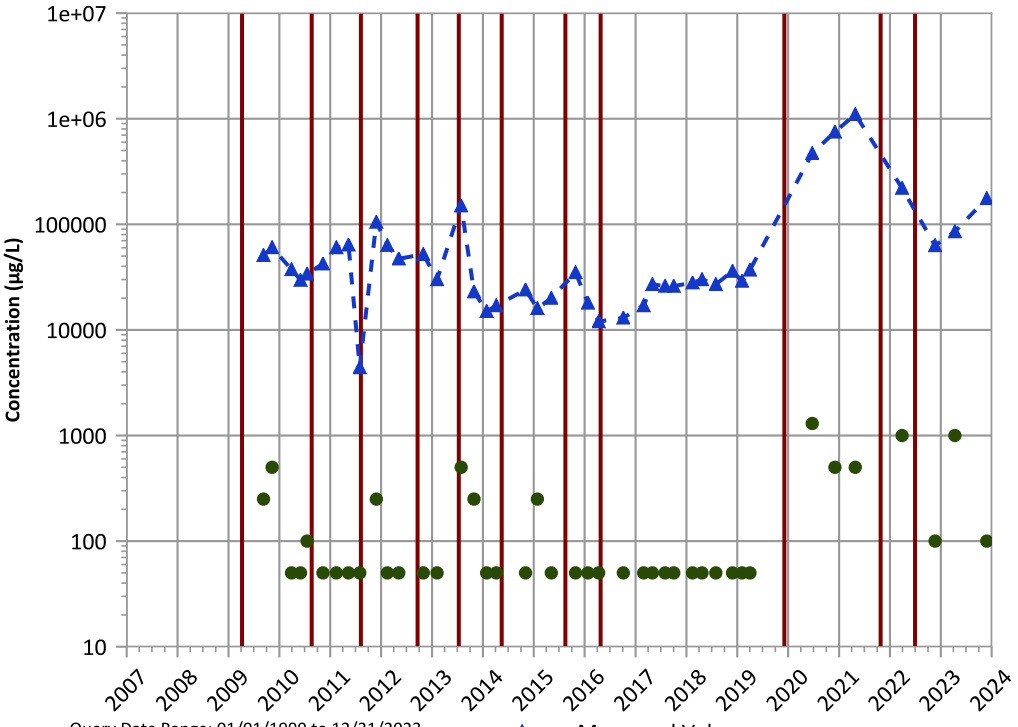


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Iron Trend



Concentration Trend

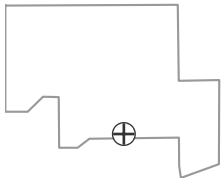
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

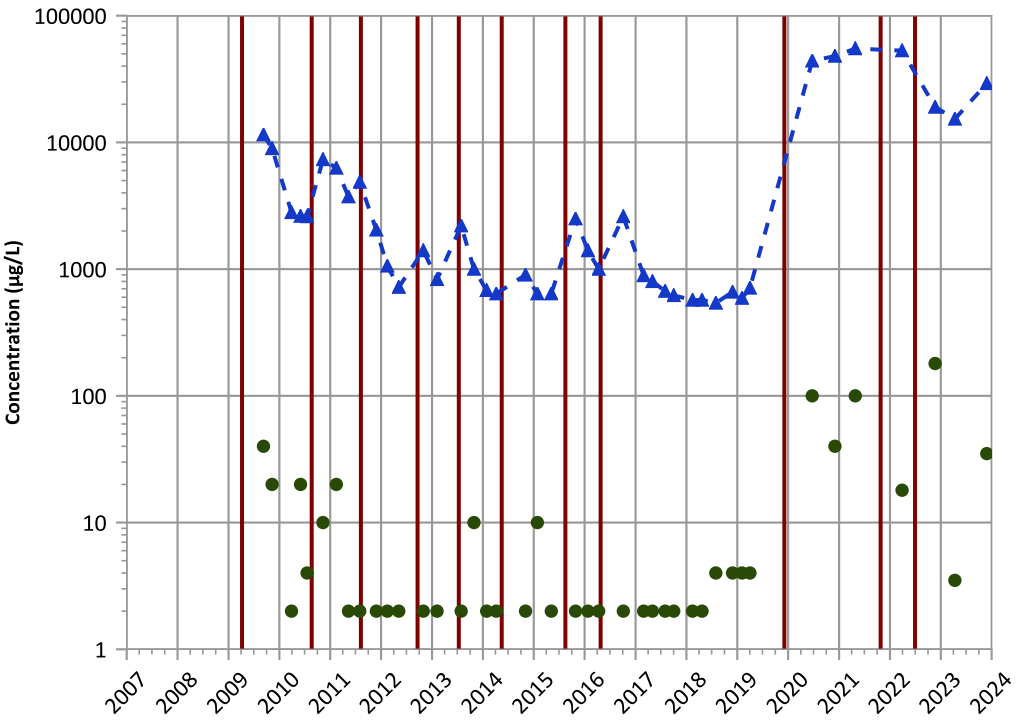
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

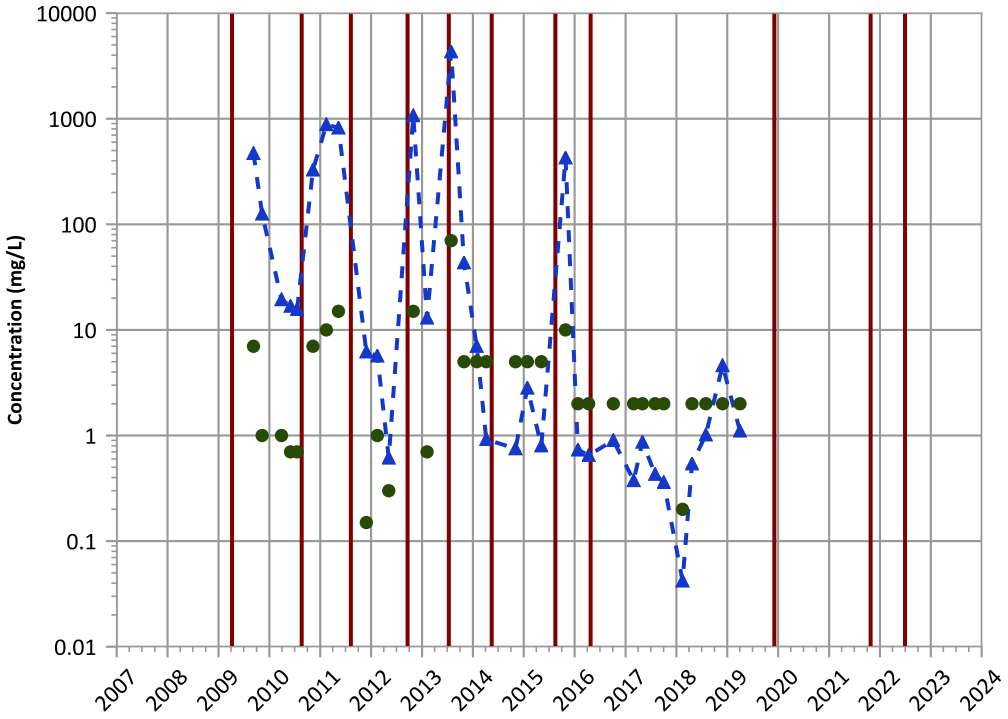


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Total Volatile Fatty Acids Trend



Concentration Trend

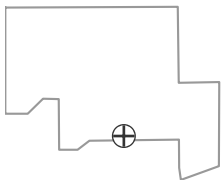
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

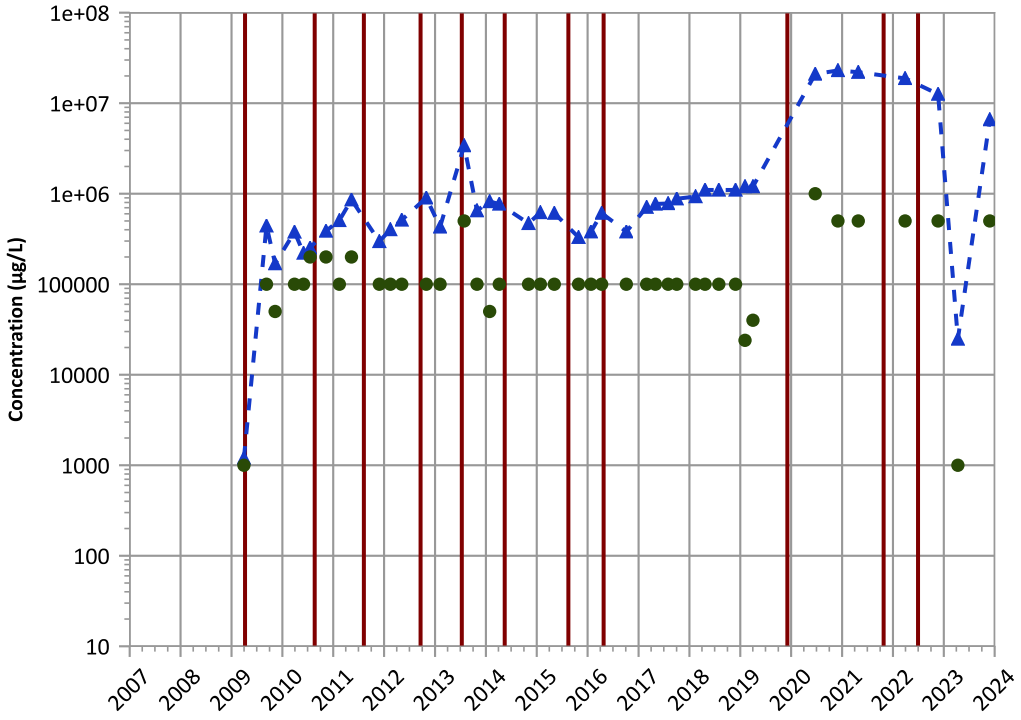
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

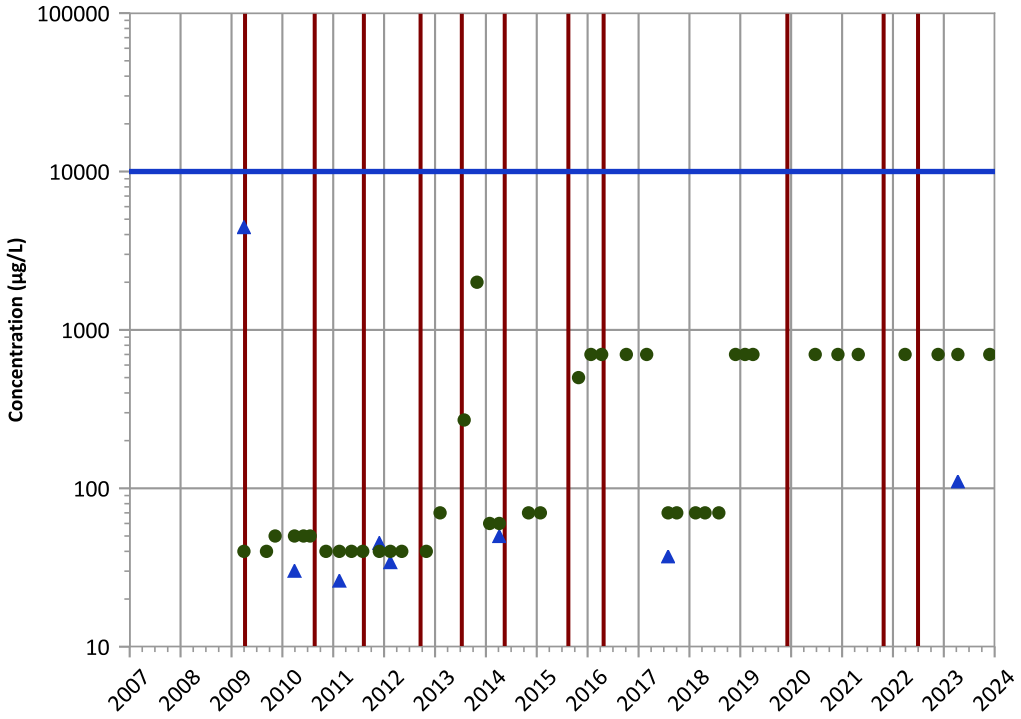


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Nitrate as N Trend



Concentration Trend

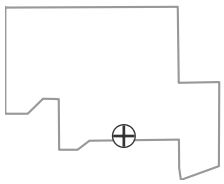
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

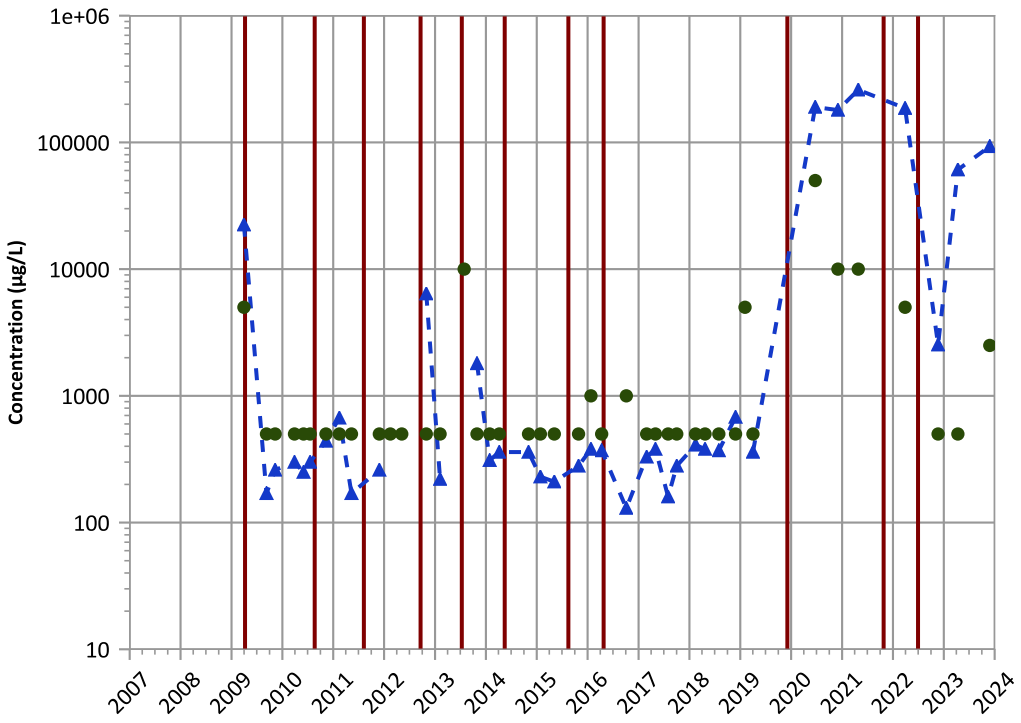
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

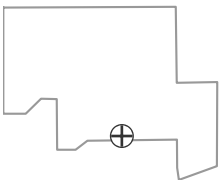
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Stable

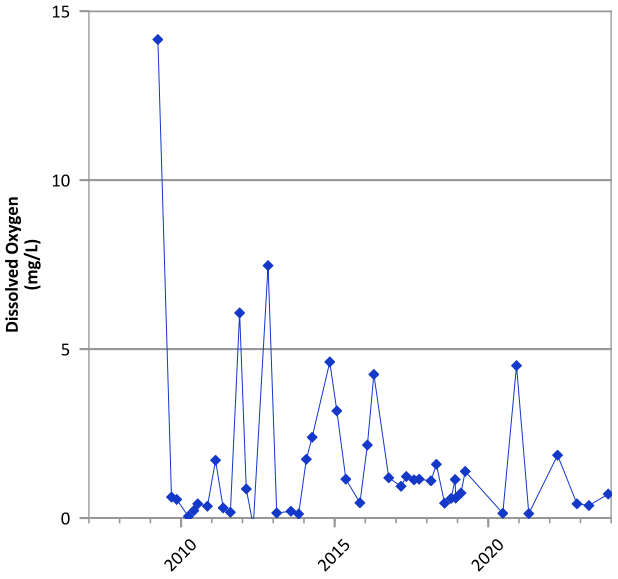
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

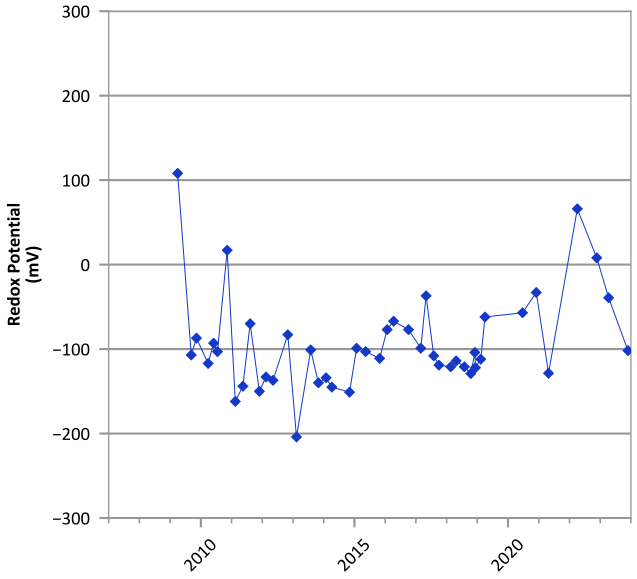
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

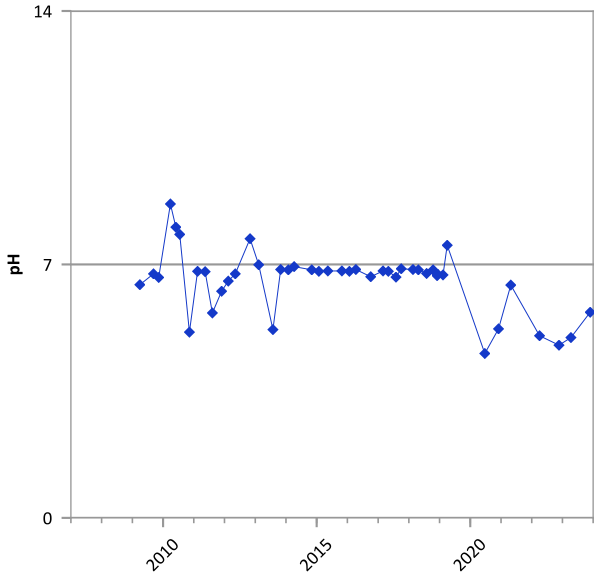
Well Location

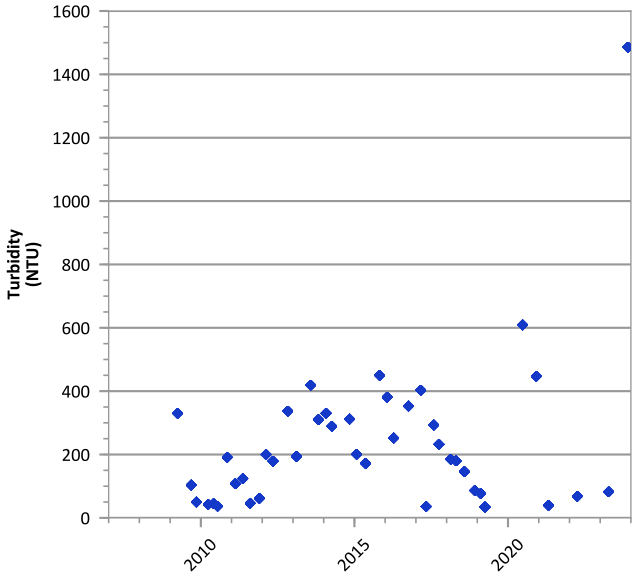


PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

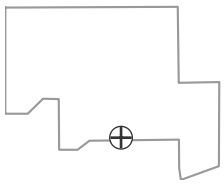






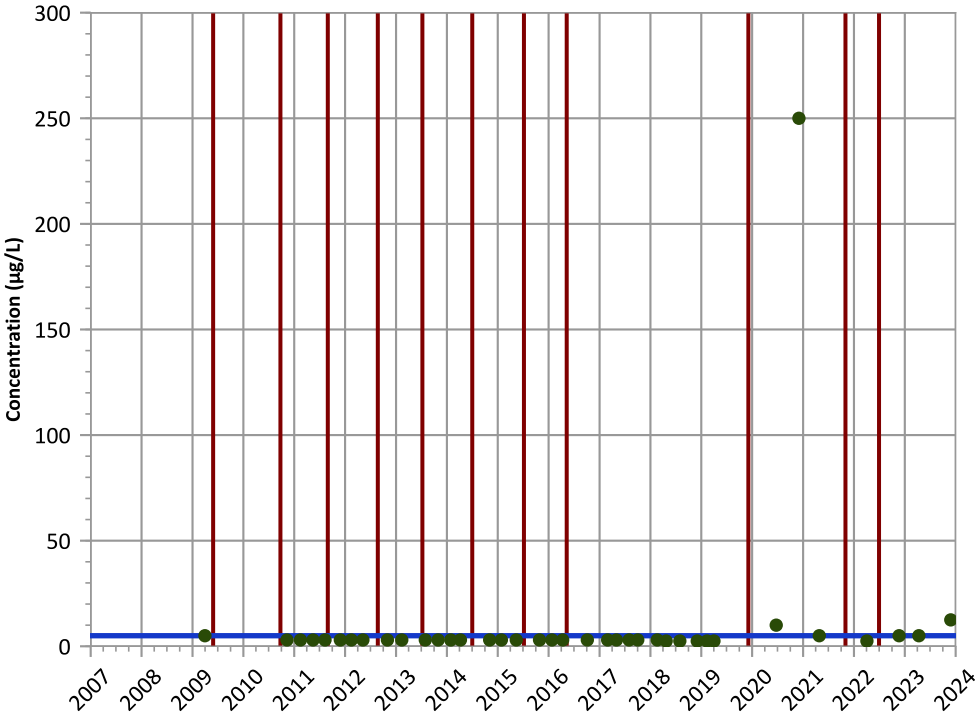


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

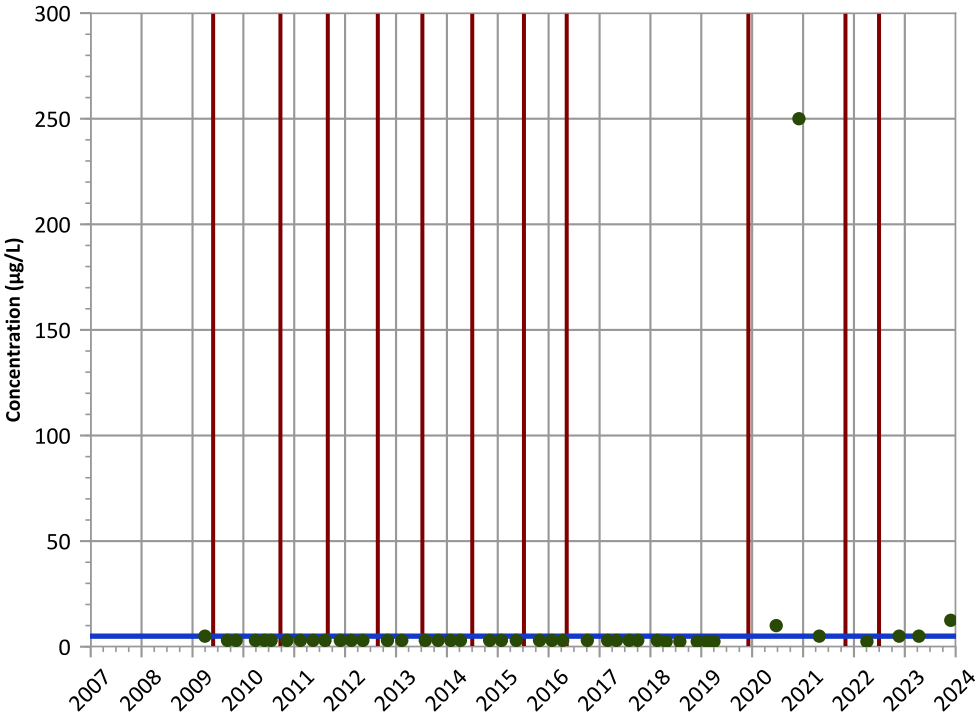


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

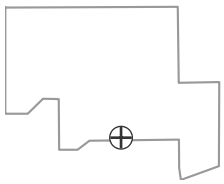
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

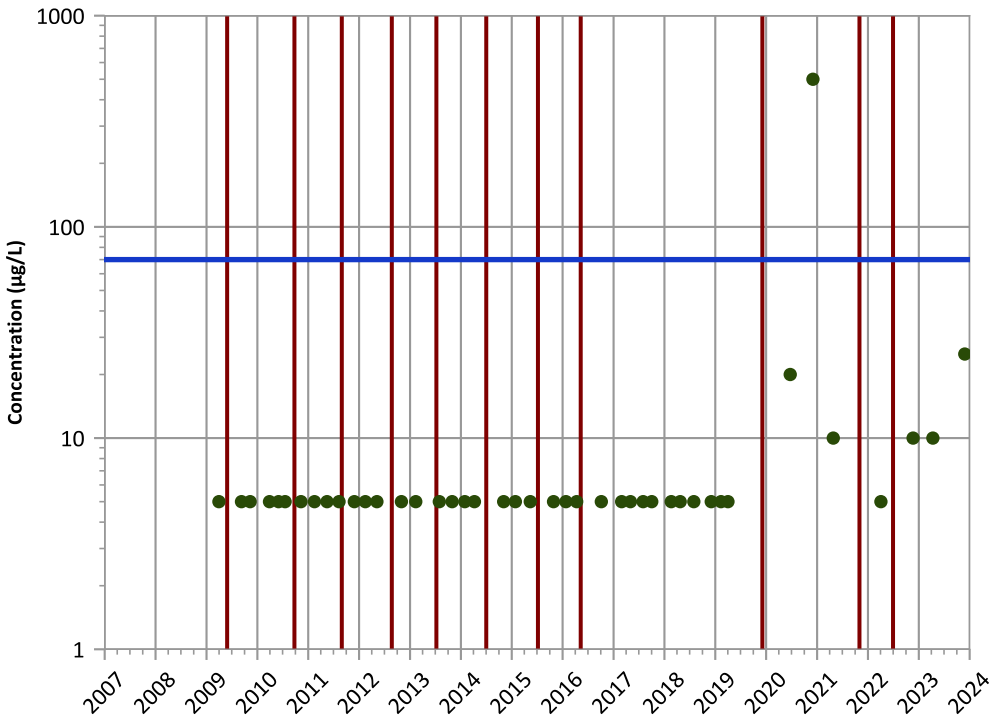
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

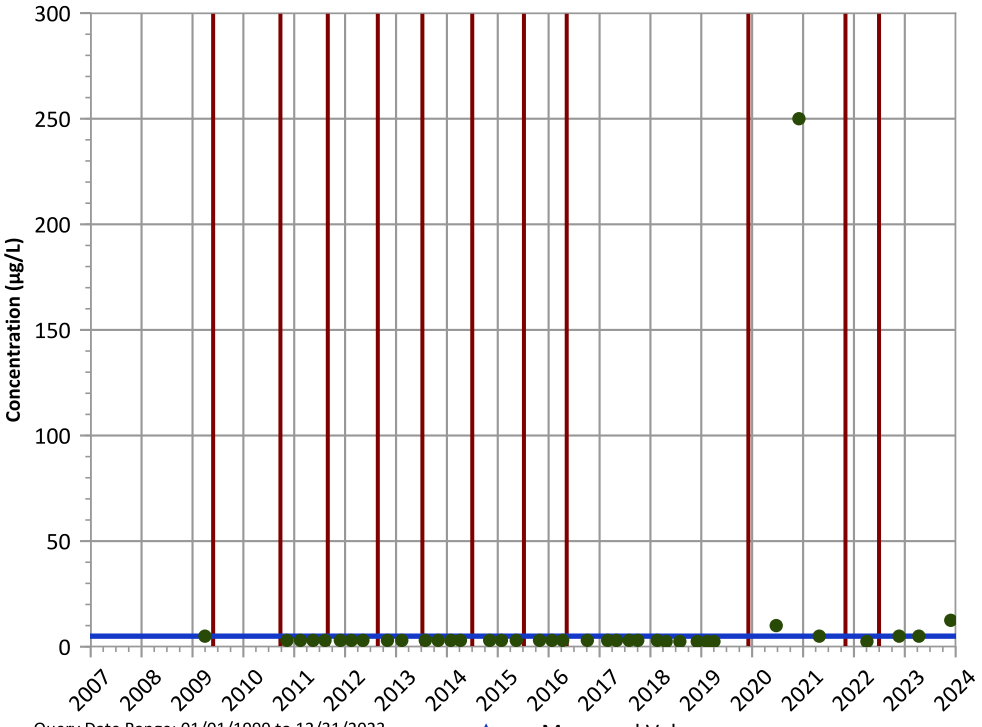


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

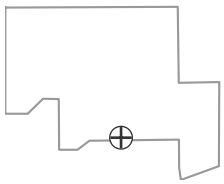
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

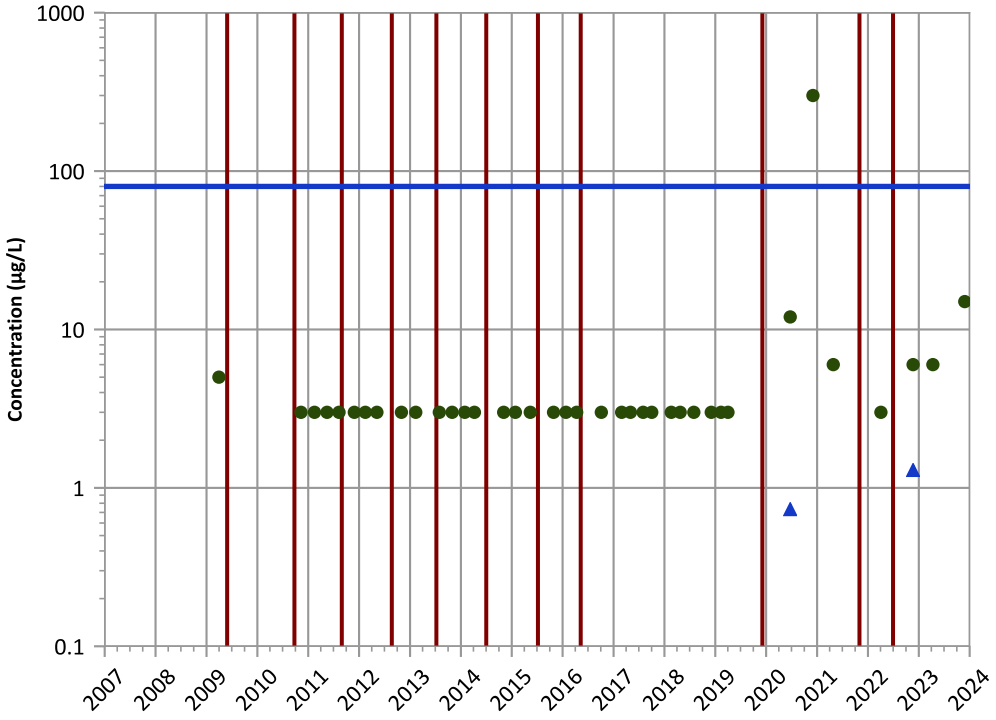
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

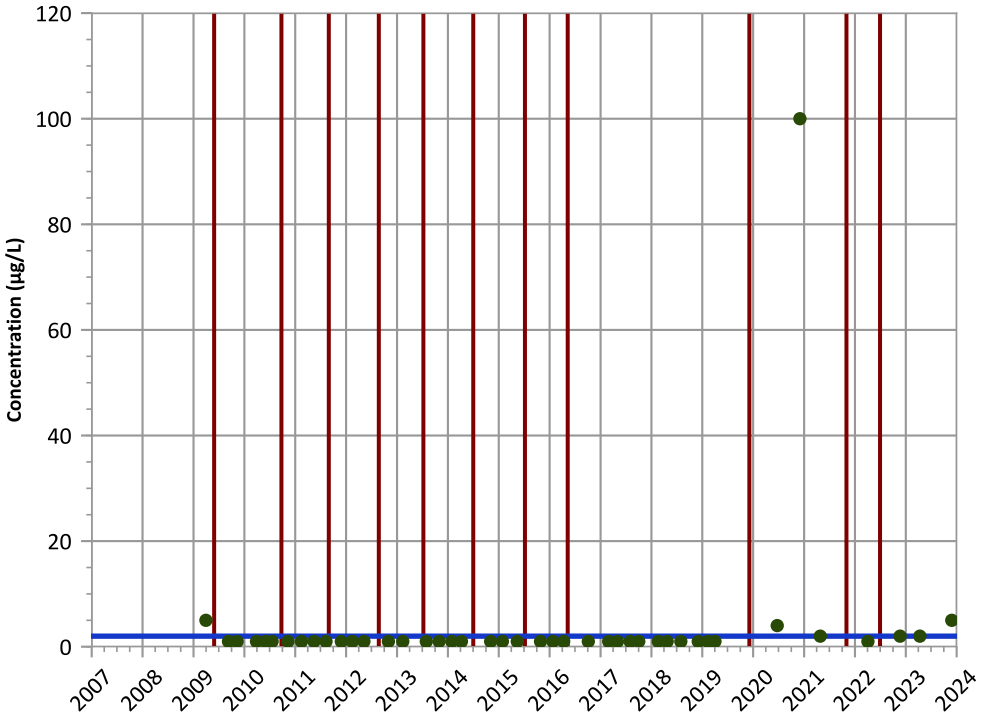


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

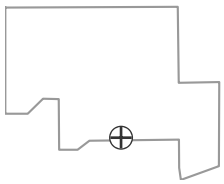
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

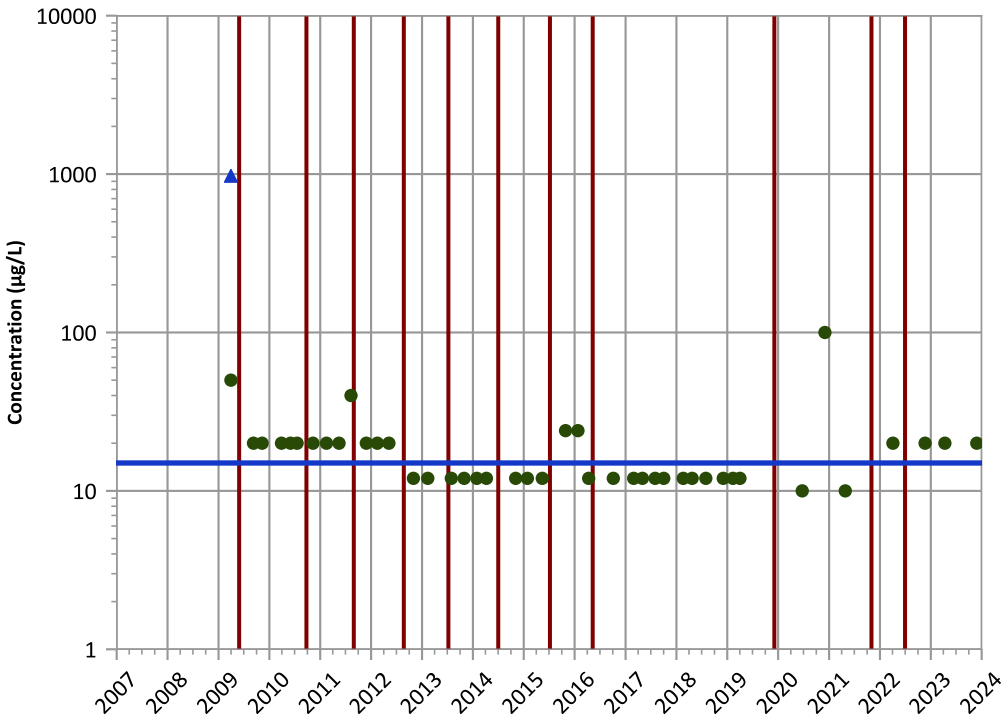
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

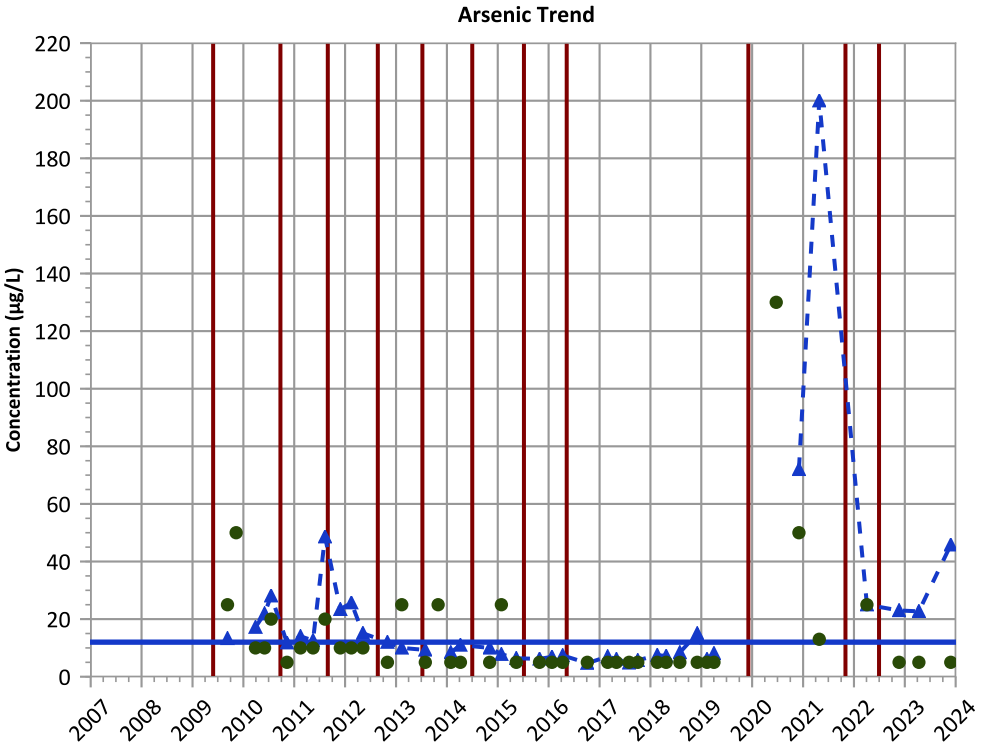


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

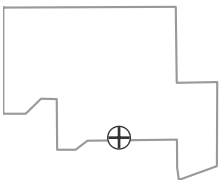
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

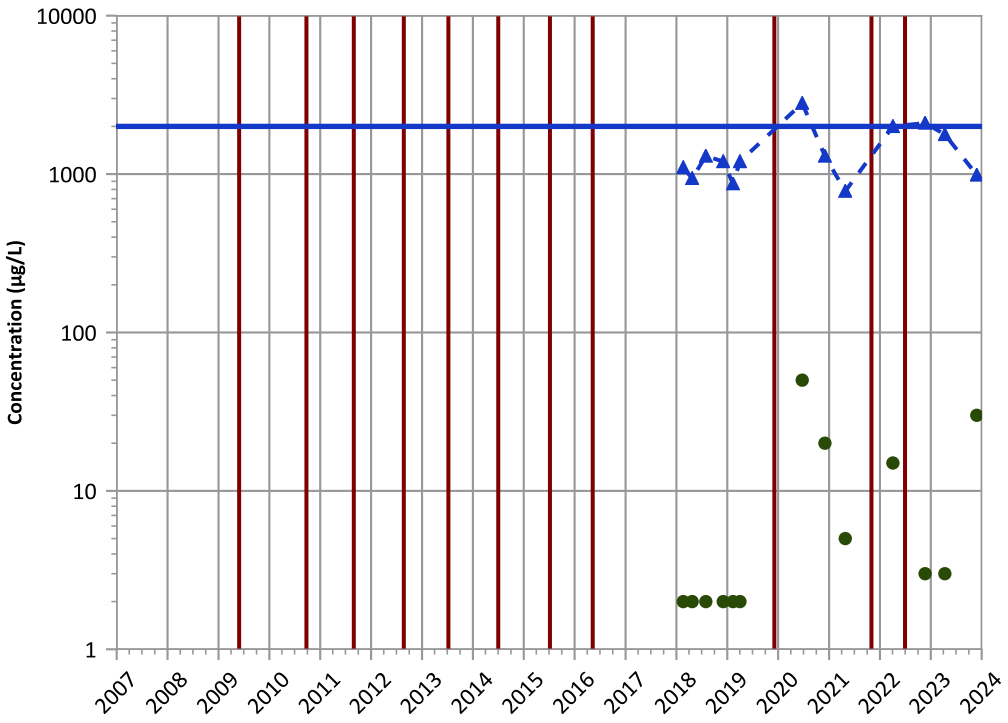
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

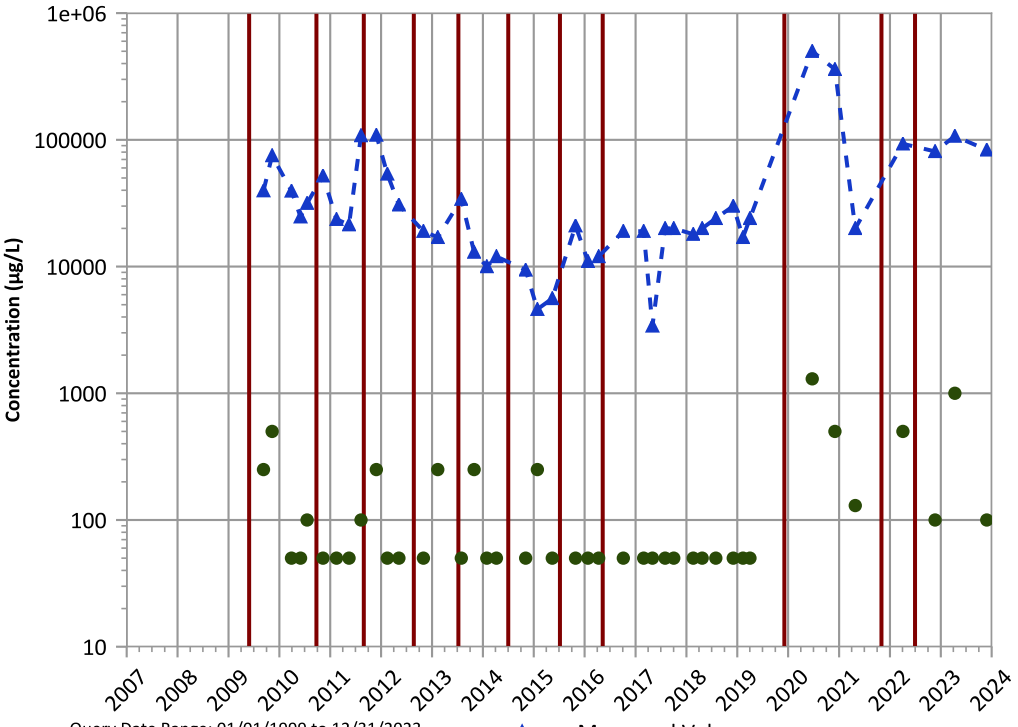


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Iron Trend



Concentration Trend

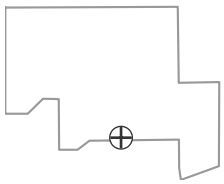
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

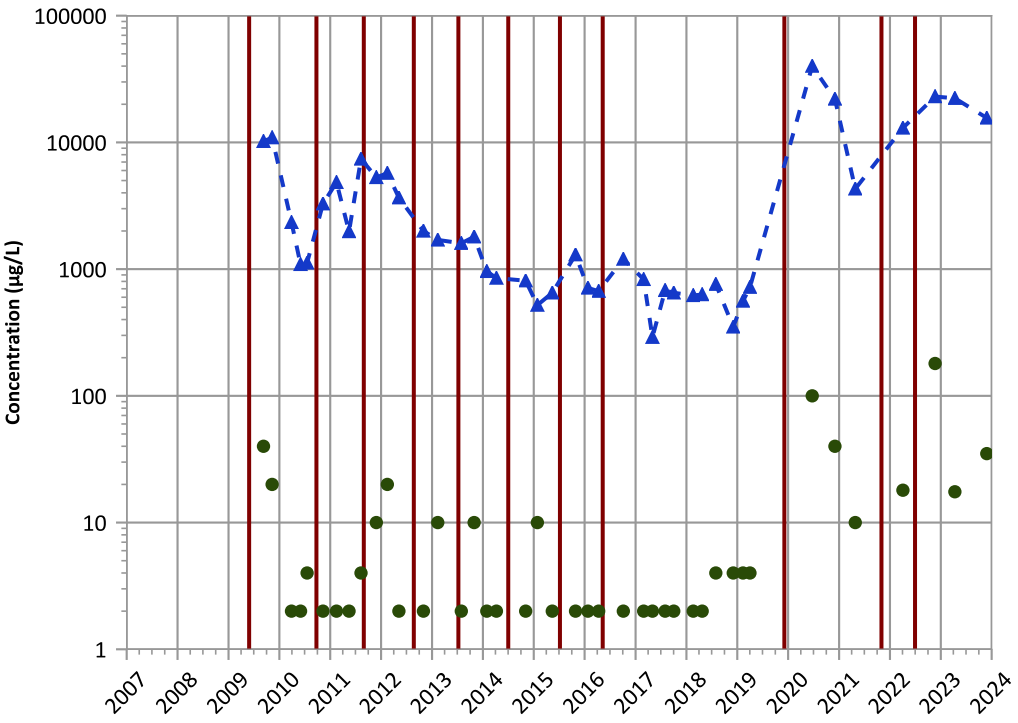
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

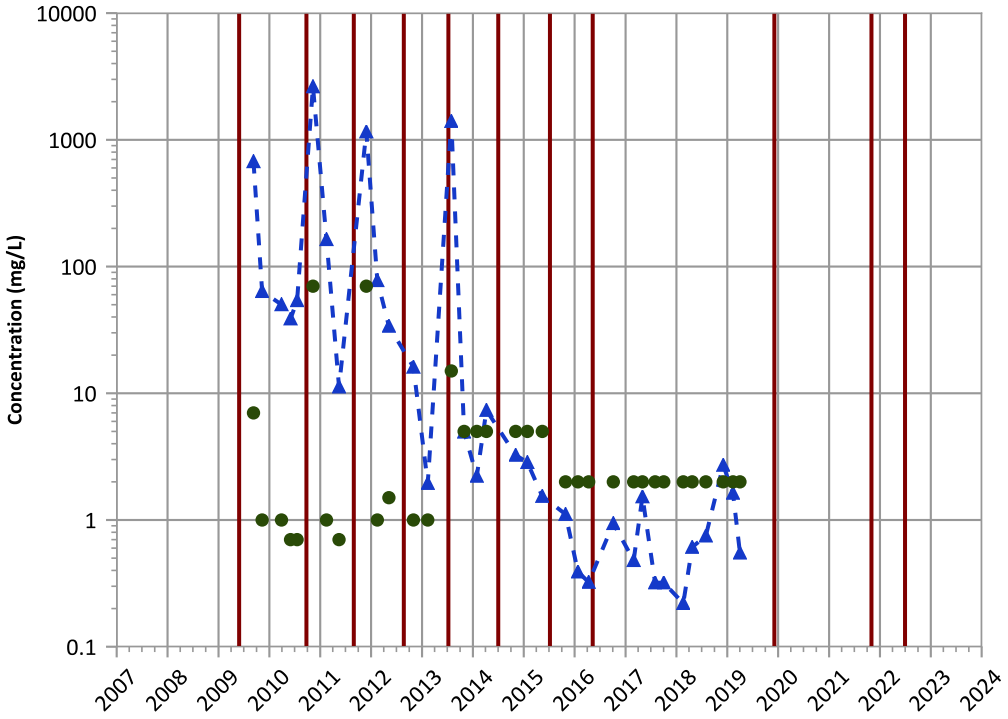


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

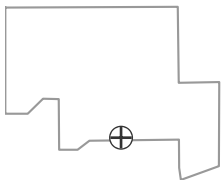
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

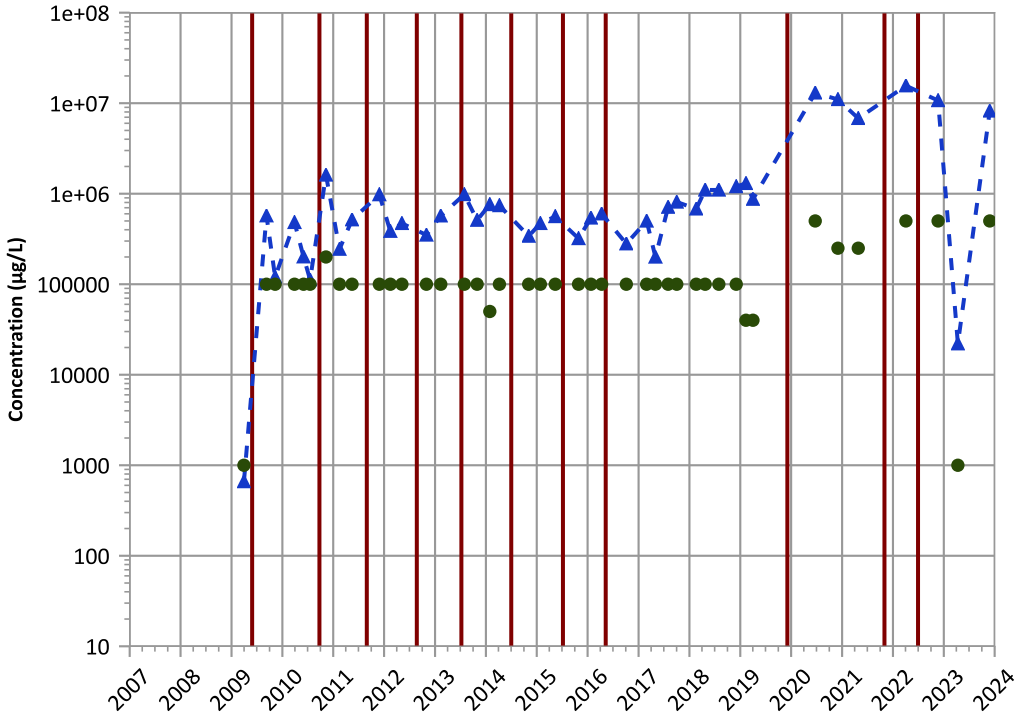
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

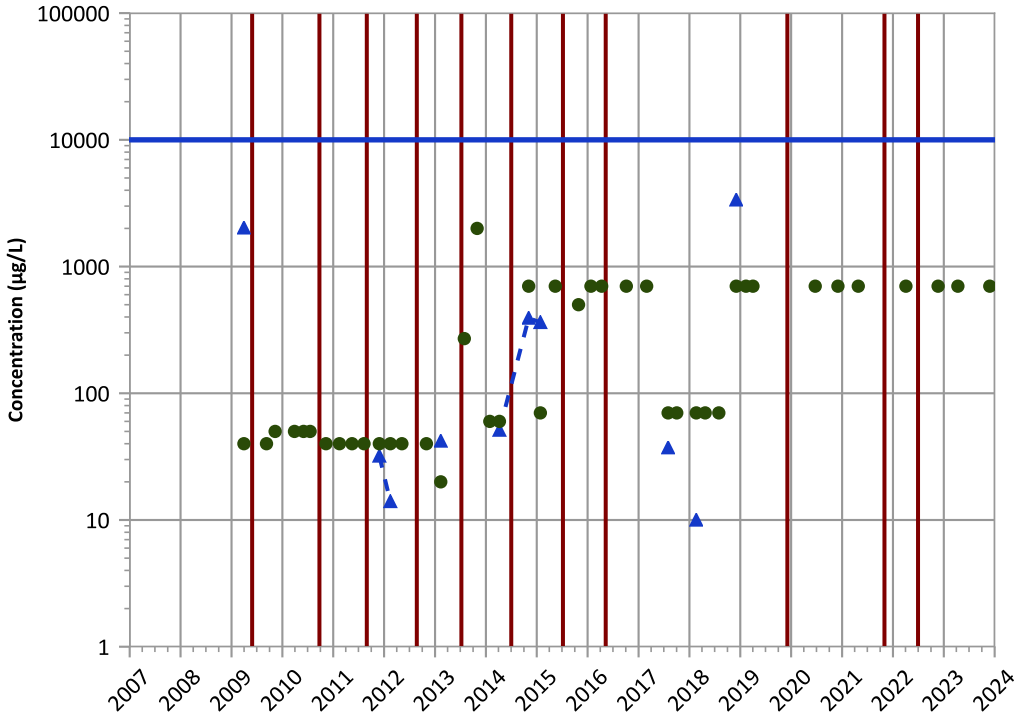


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Nitrate as N Trend



Concentration Trend

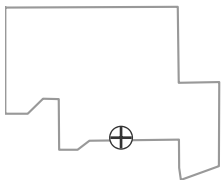
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

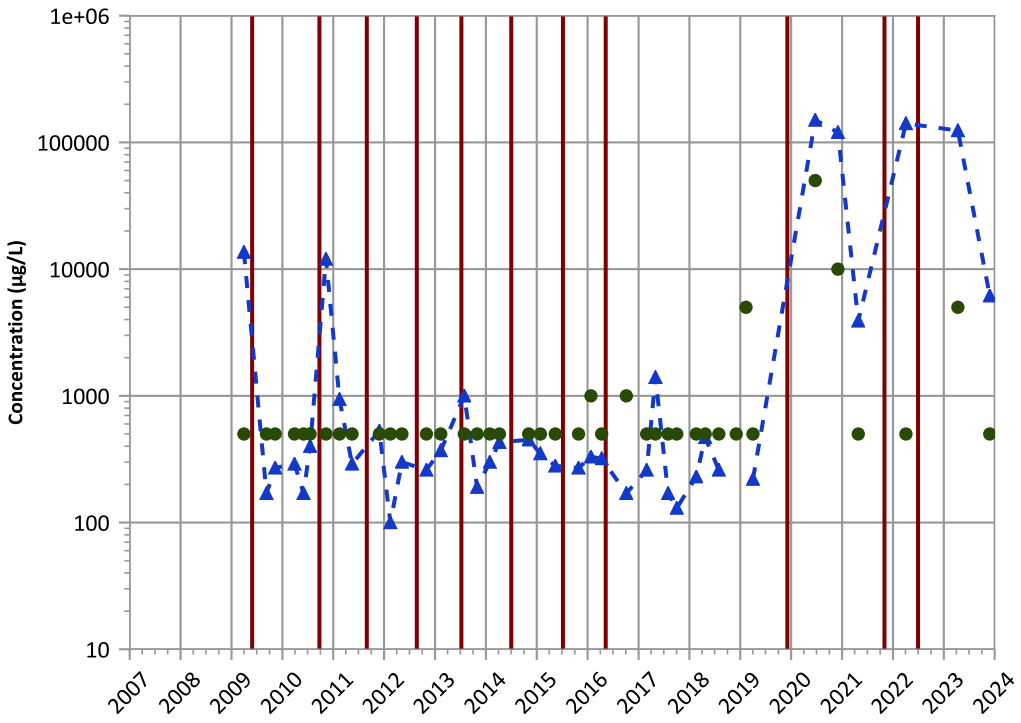
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

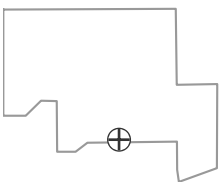
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

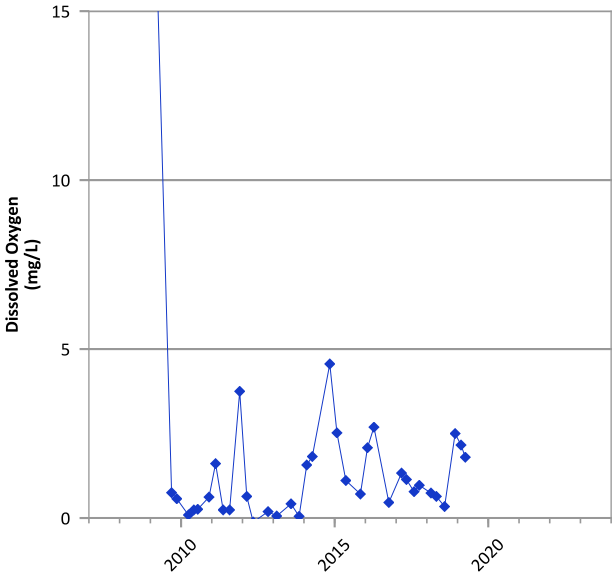
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 03/31/2009 to 11/27/2023
Analysis Date: 04/01/2024

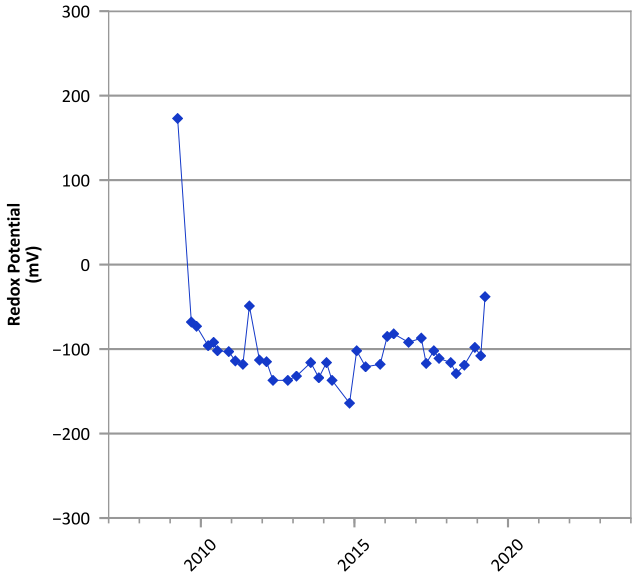
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

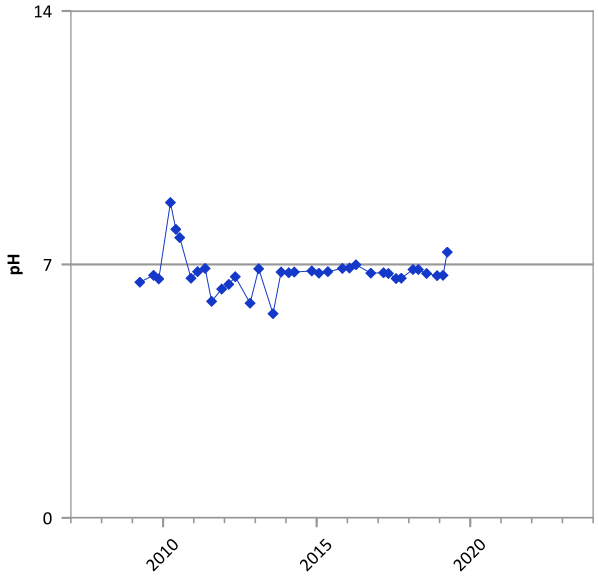
Well Location

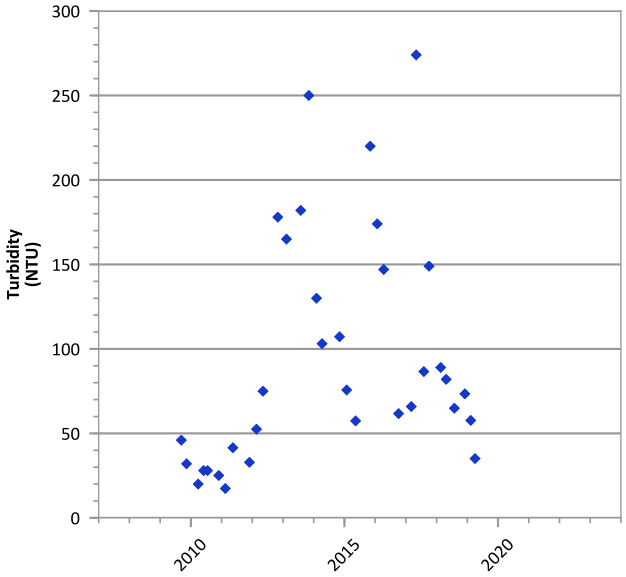


PTX06-ISB063 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

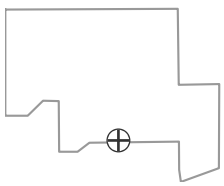






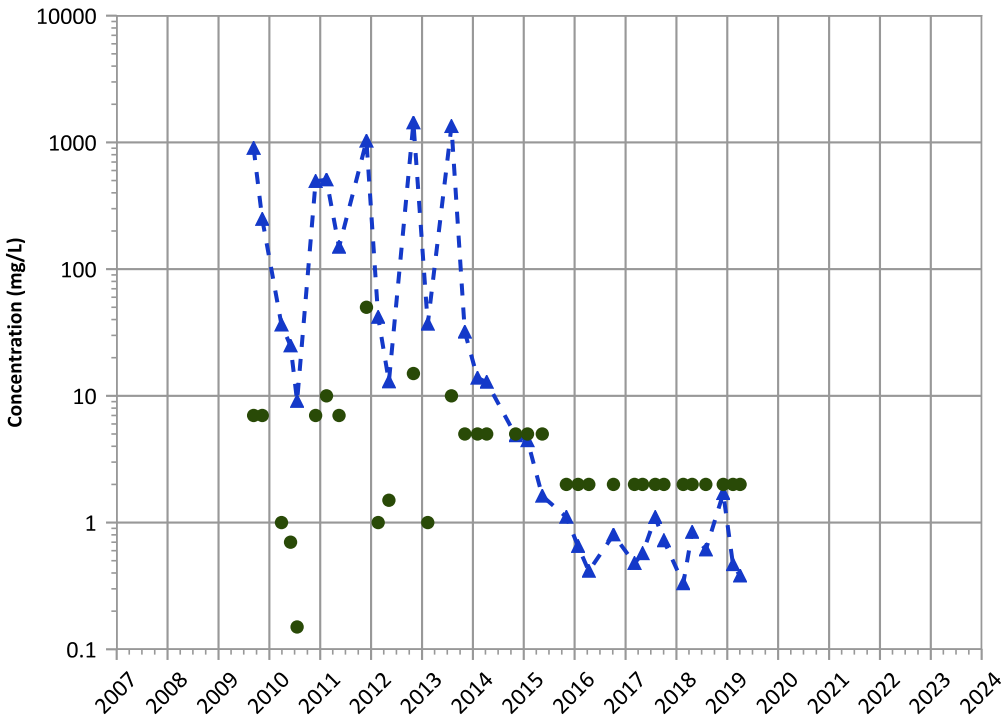


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/10/2009 to 04/03/2019
Analysis Date: 04/01/2024



PTX06-ISB063 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

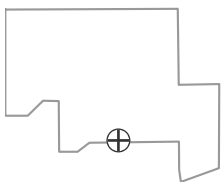
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

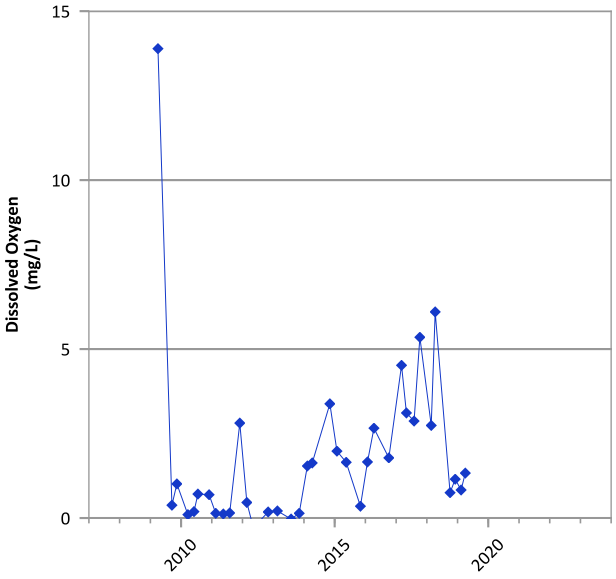
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/10/2009 to 04/03/2019
Analysis Date: 04/01/2024

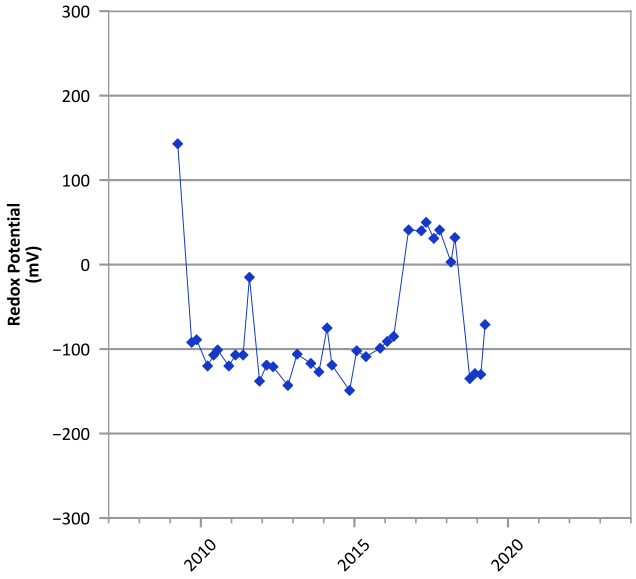
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

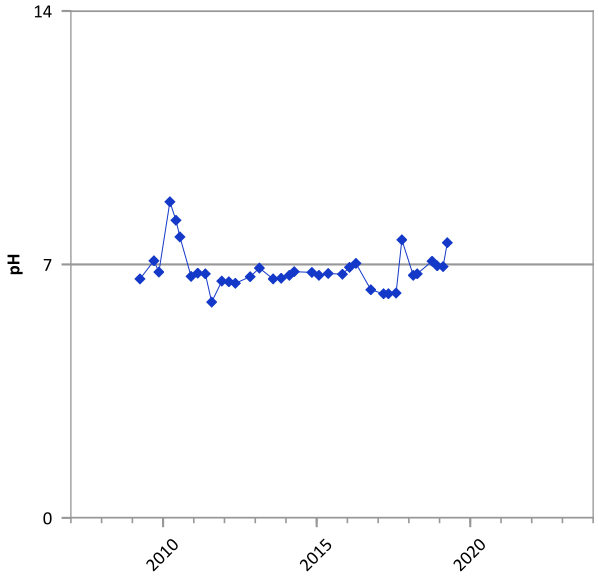
Well Location

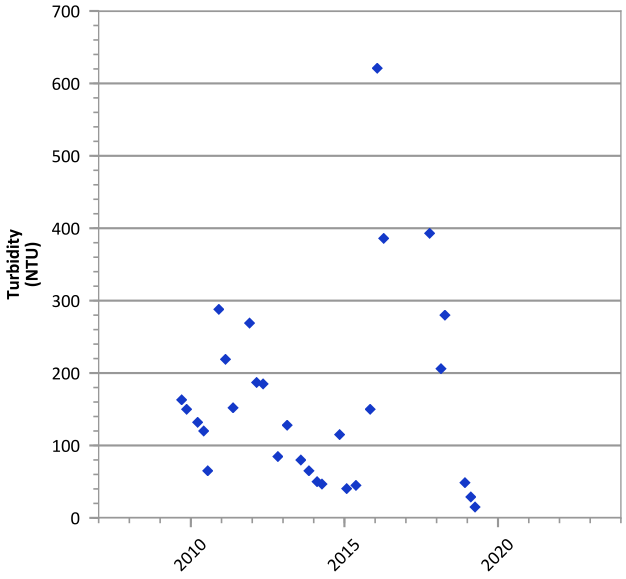


PTX06-ISB069A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

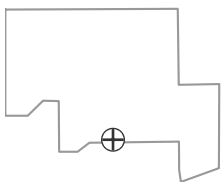






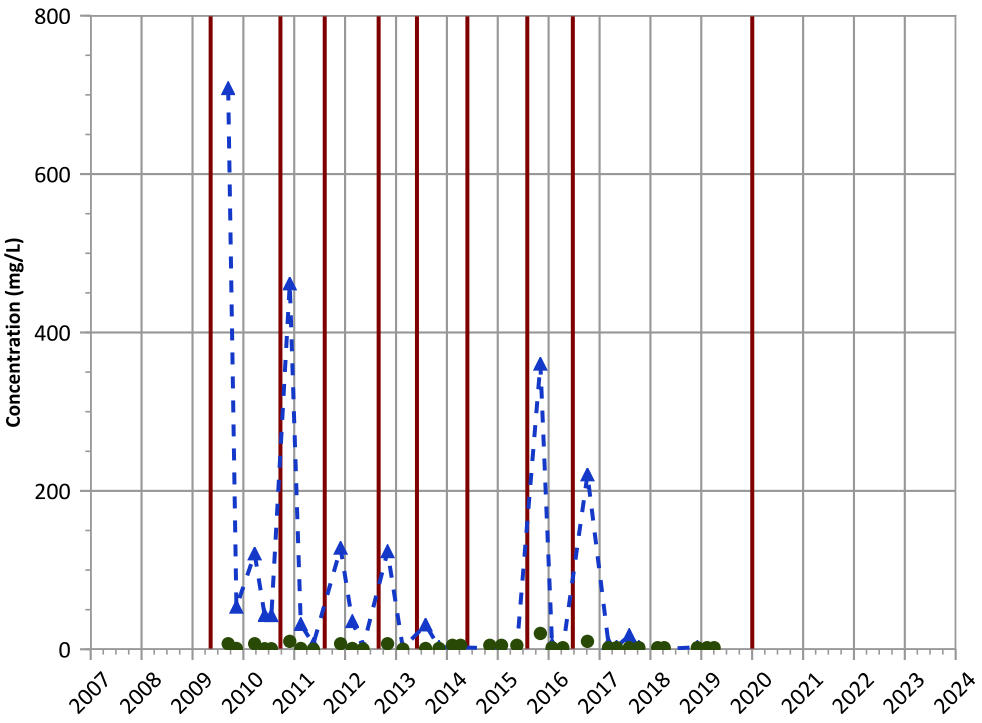


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/14/2009 to 04/03/2019
Analysis Date: 04/01/2024



PTX06-ISB069A in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

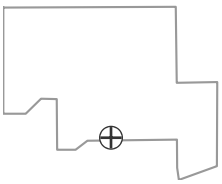
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

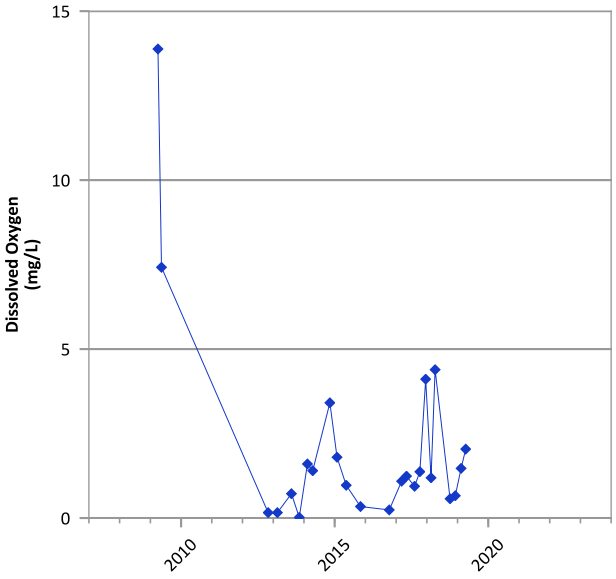
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/14/2009 to 04/03/2019
Analysis Date: 04/01/2024

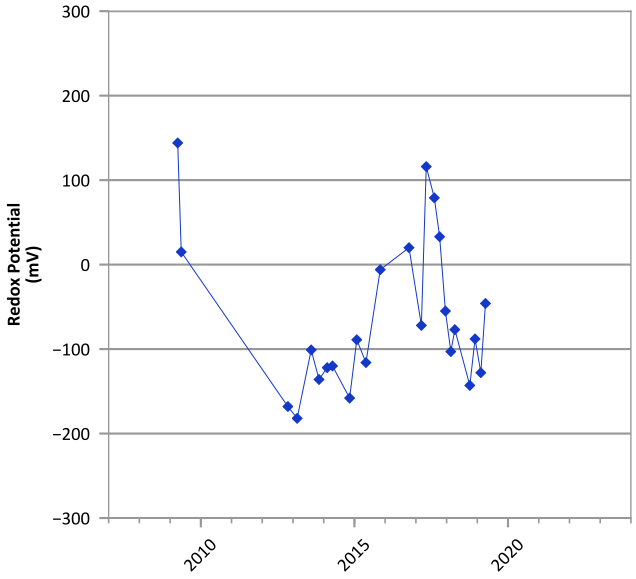
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

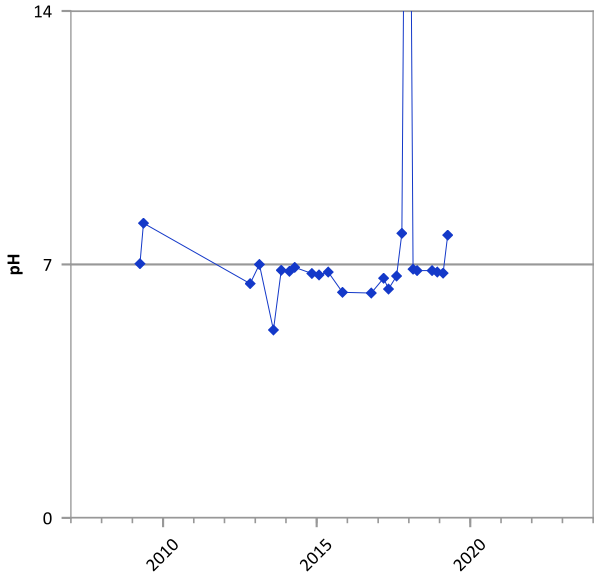
Well Location

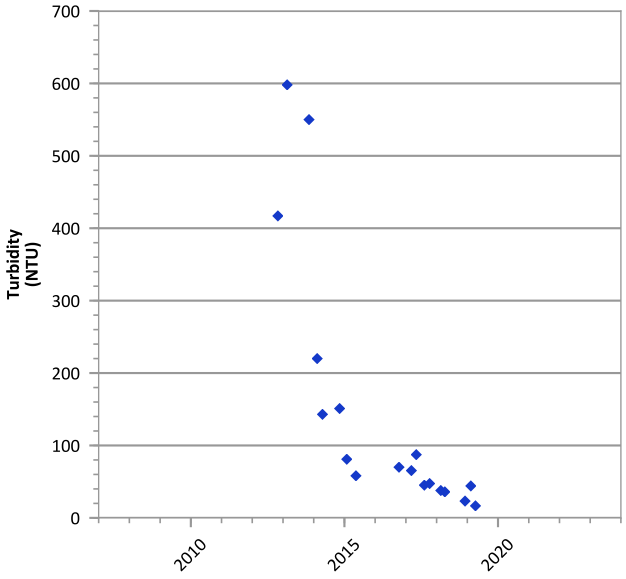


PTX06-ISB071 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

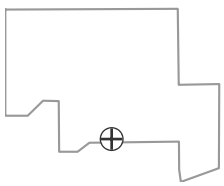






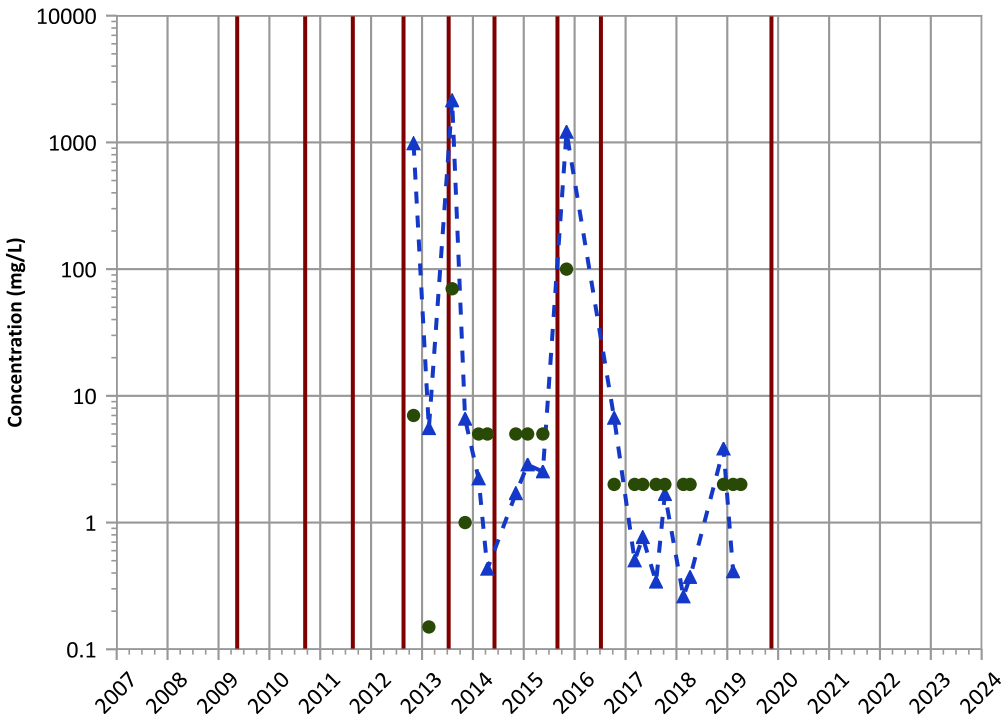


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2012 to 04/08/2019
Analysis Date: 04/01/2024



PTX06-ISB071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

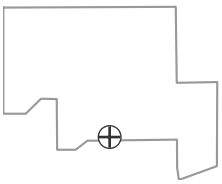
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

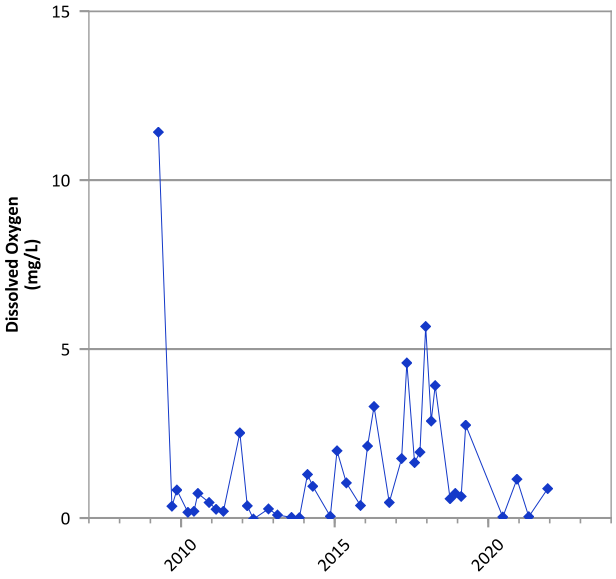
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/01/2012 to 04/08/2019
Analysis Date: 04/01/2024

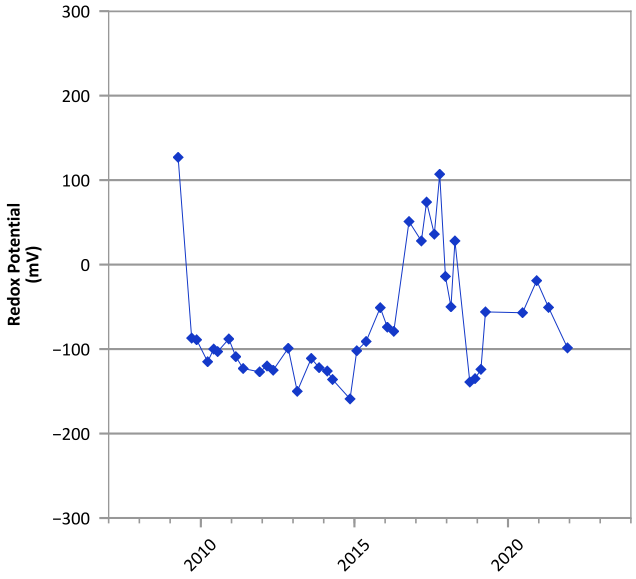
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

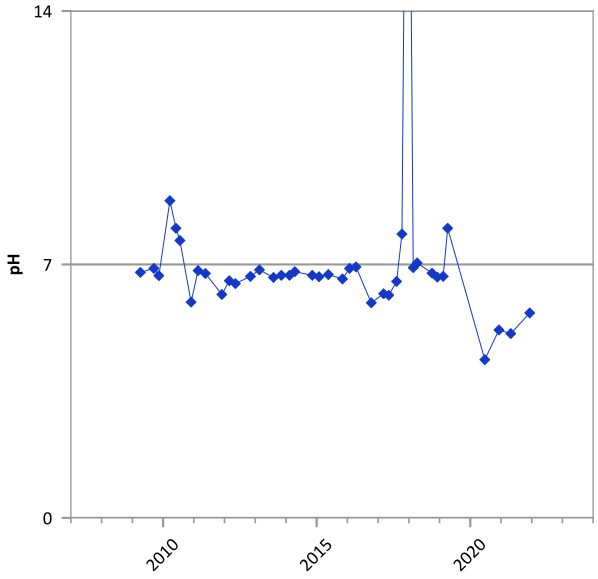
Well Location

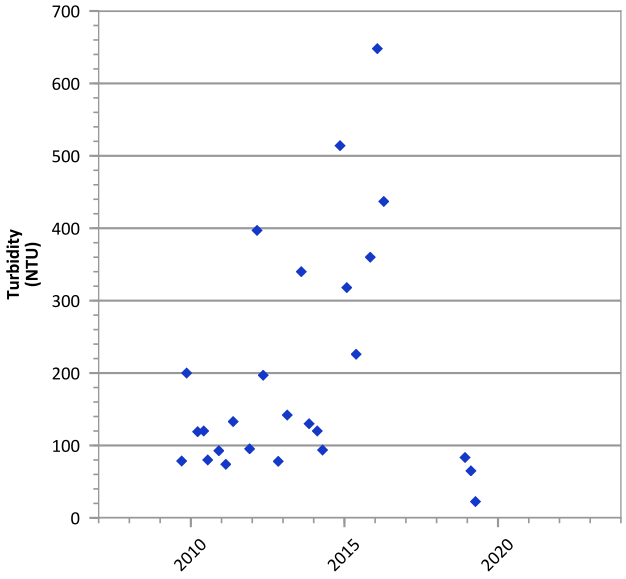


PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

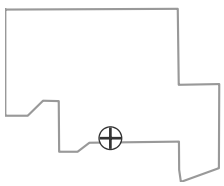






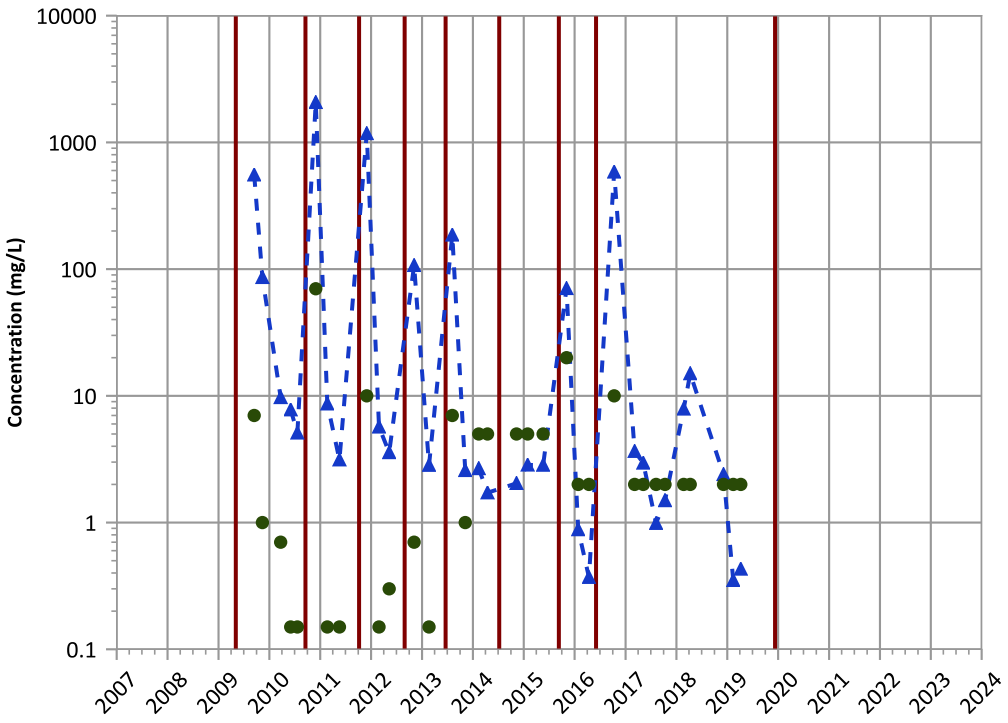


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/14/2009 to 04/08/2019
Analysis Date: 04/01/2024



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

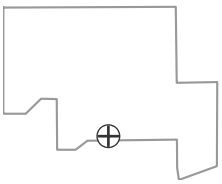
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

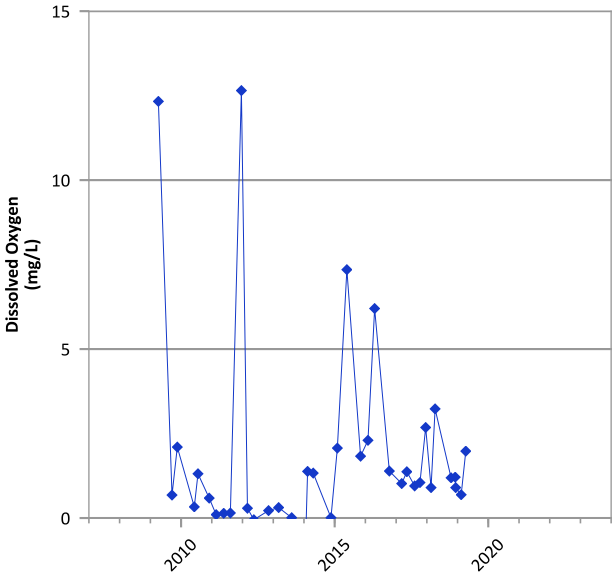
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/14/2009 to 04/08/2019
Analysis Date: 04/01/2024

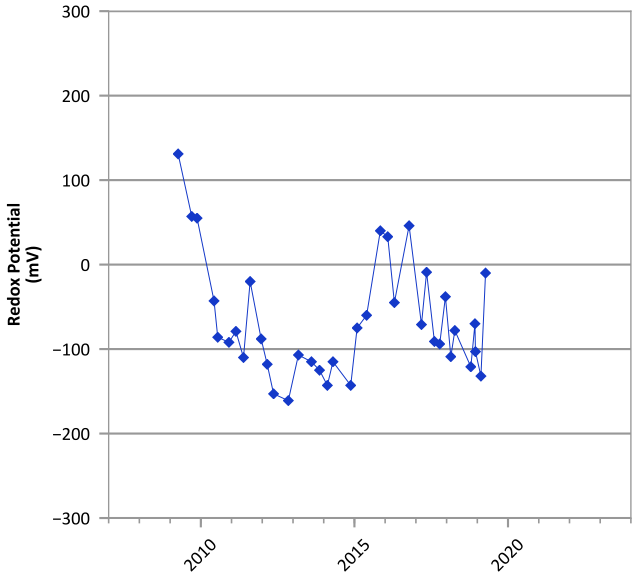
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

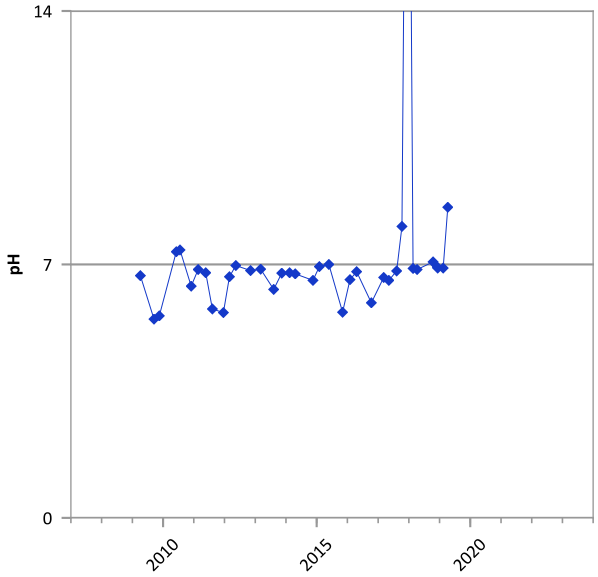
Well Location

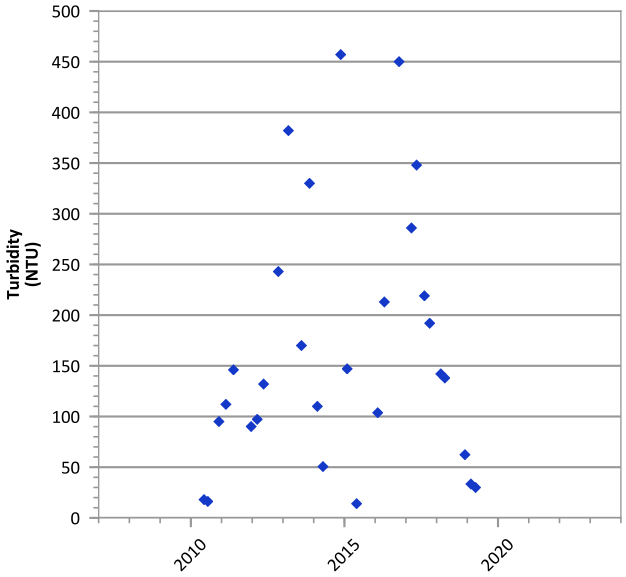


PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



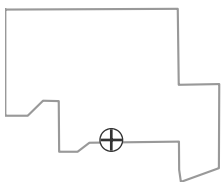






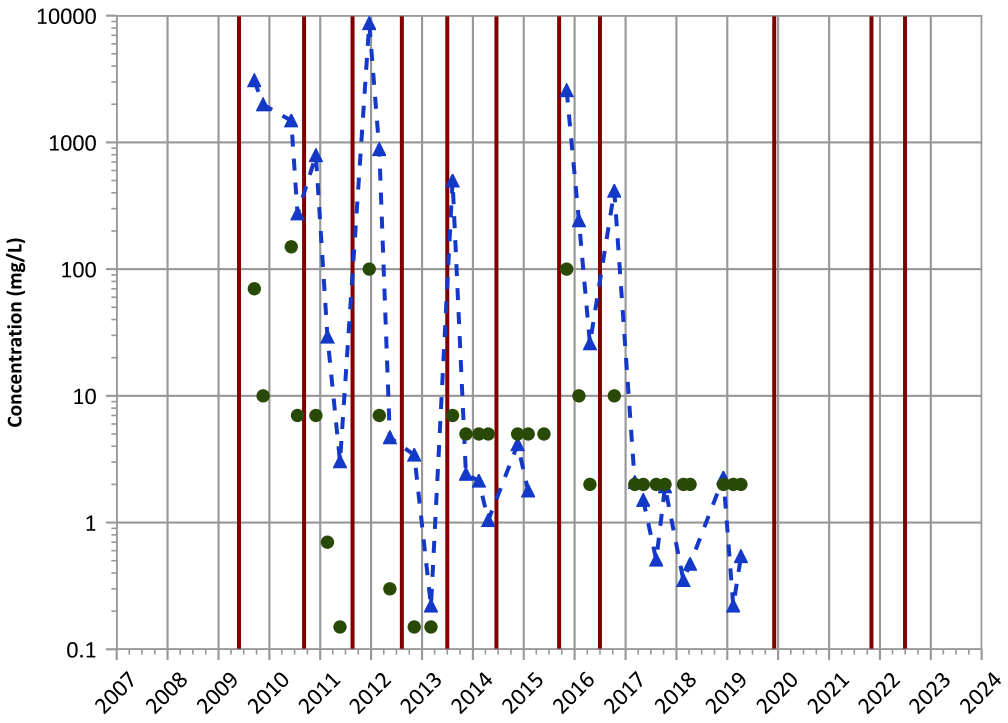
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/15/2009 to 04/09/2019
Analysis Date: 04/01/2024

Well Location



PTX06-ISB077 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

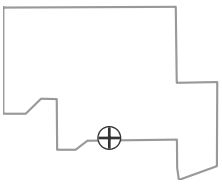
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

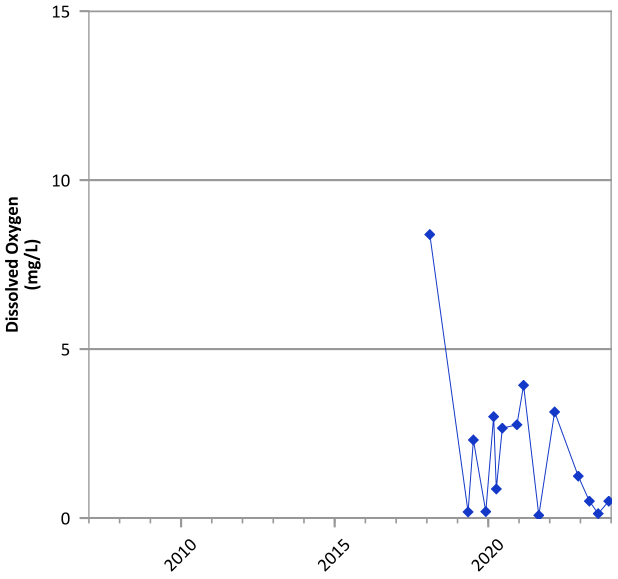
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 09/15/2009 to 04/09/2019
Analysis Date: 04/01/2024

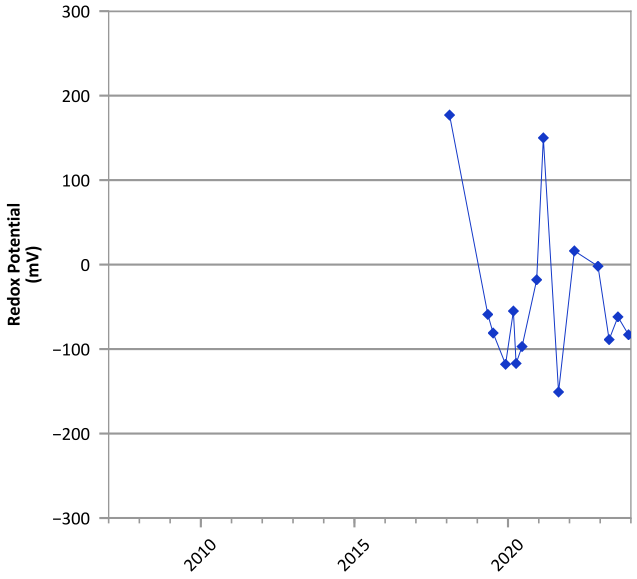
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

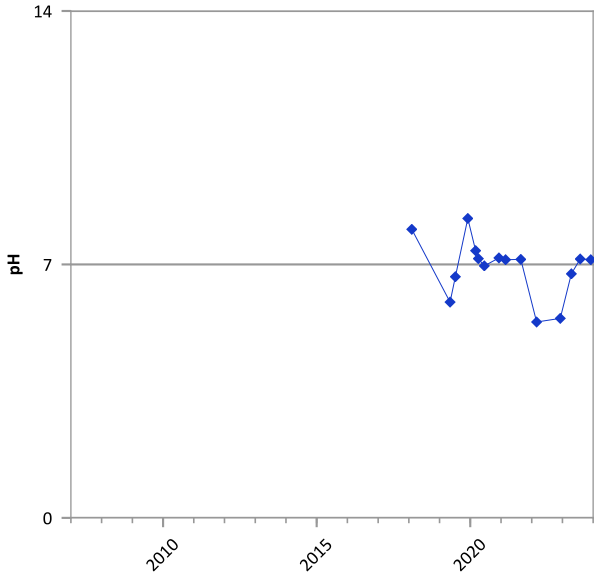
Well Location

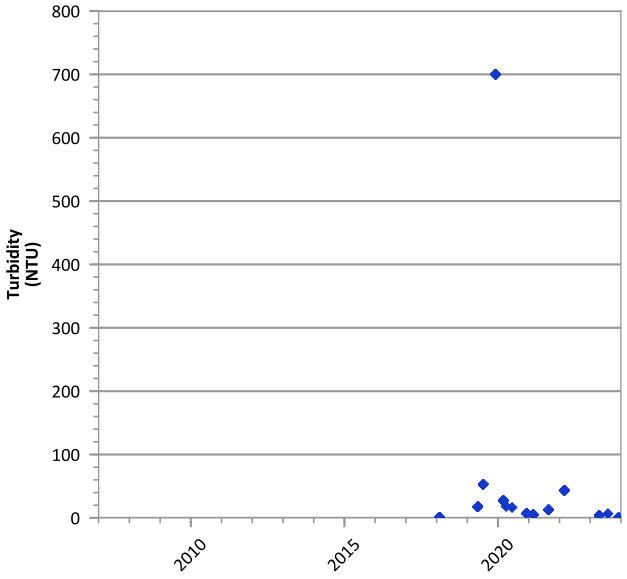


PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

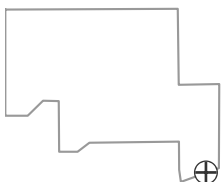






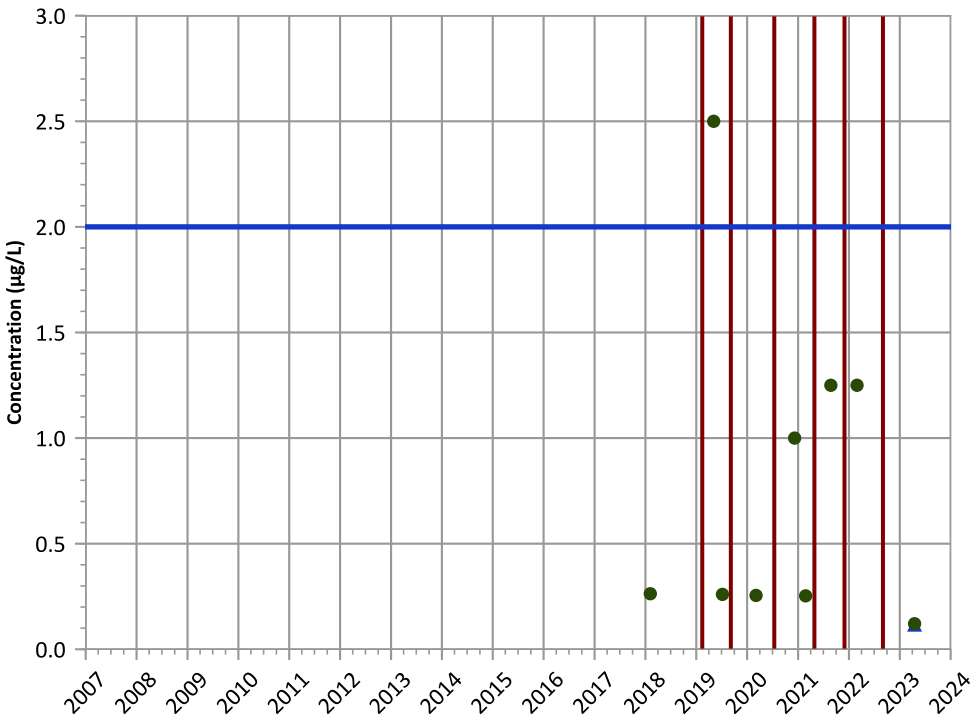


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

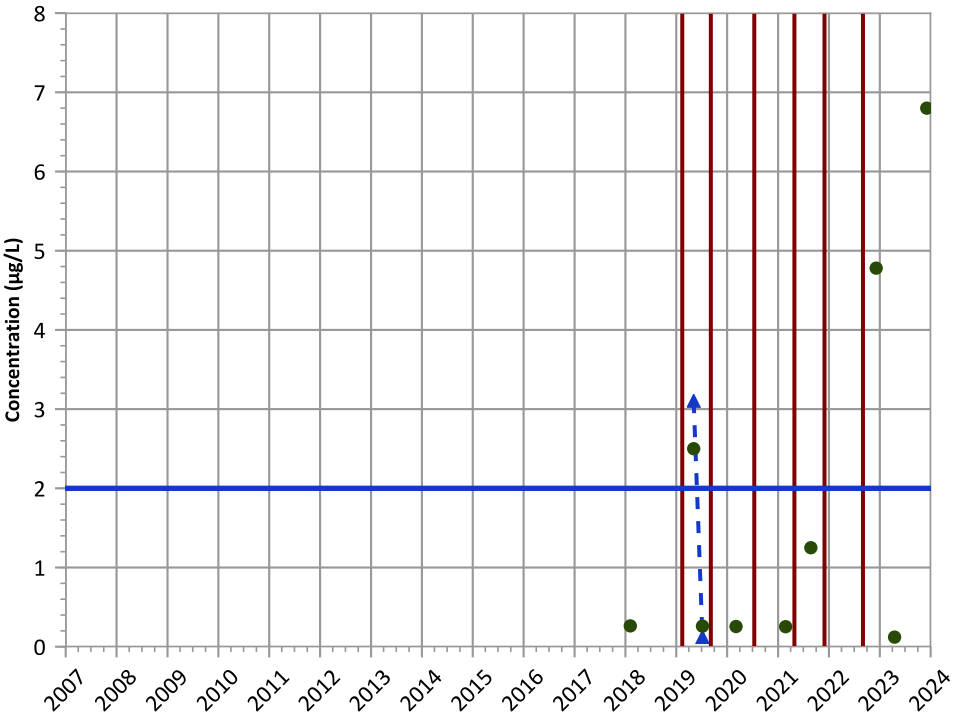


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

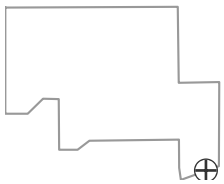
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

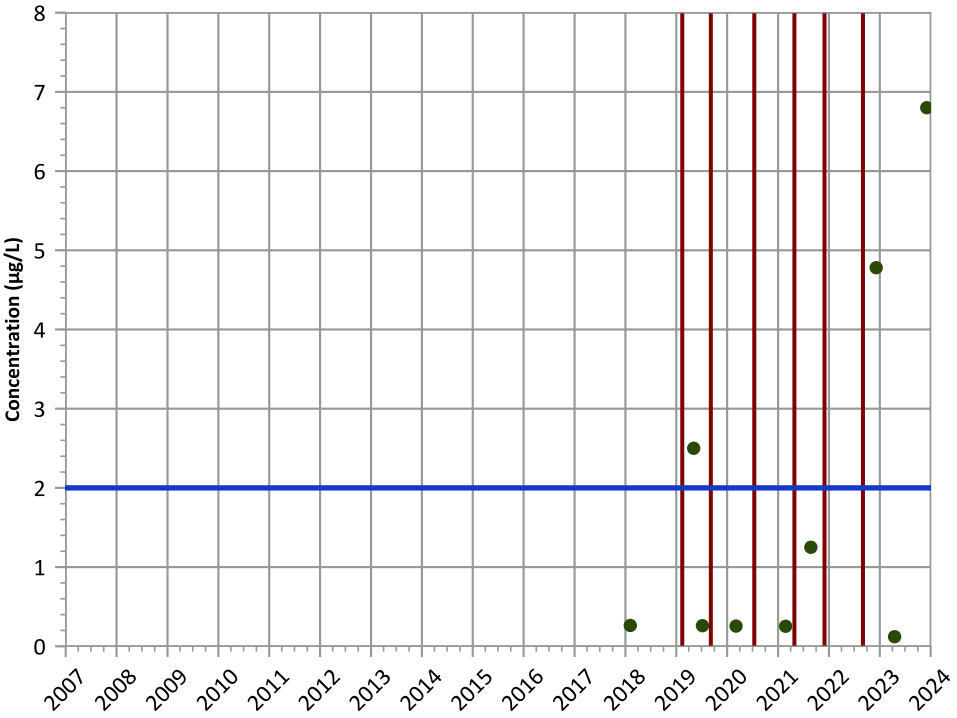
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

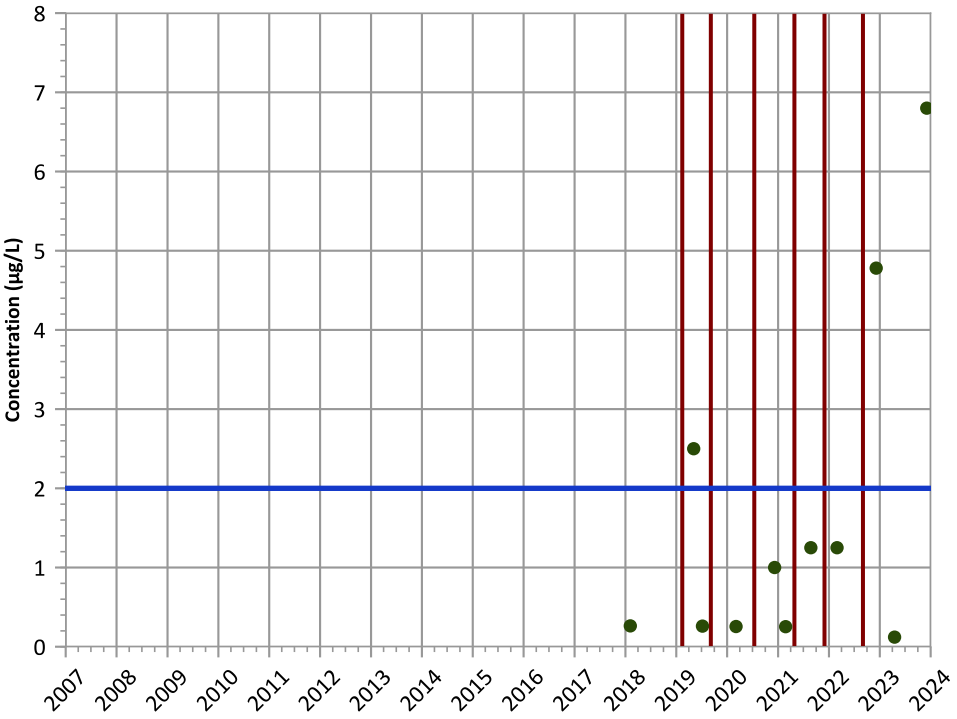


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

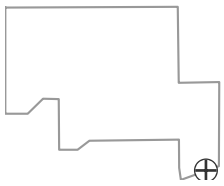
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

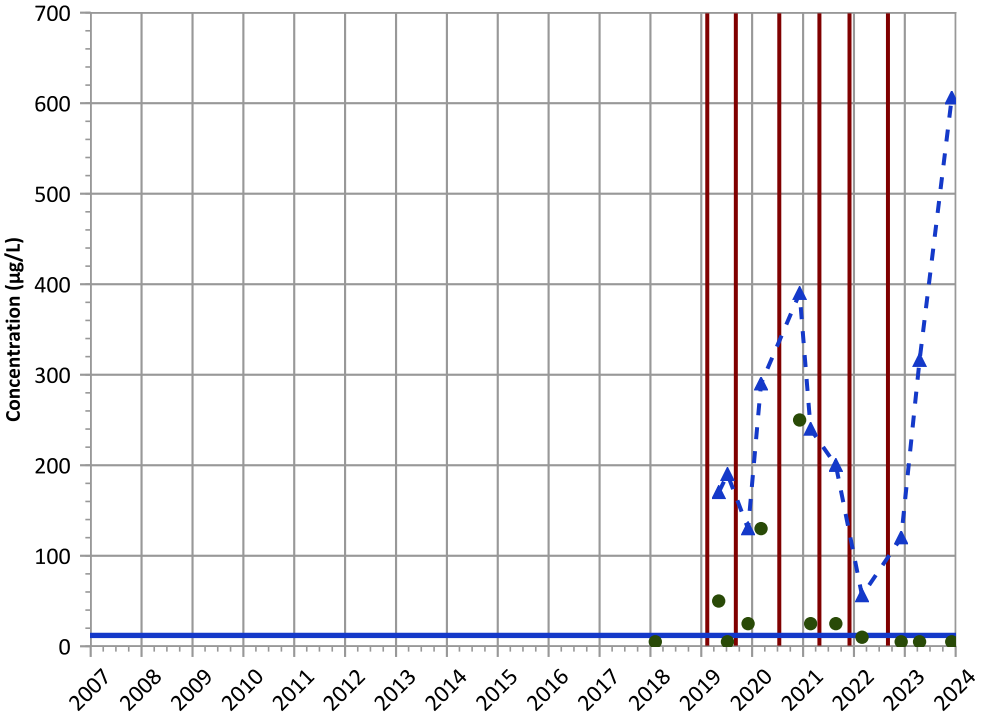
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

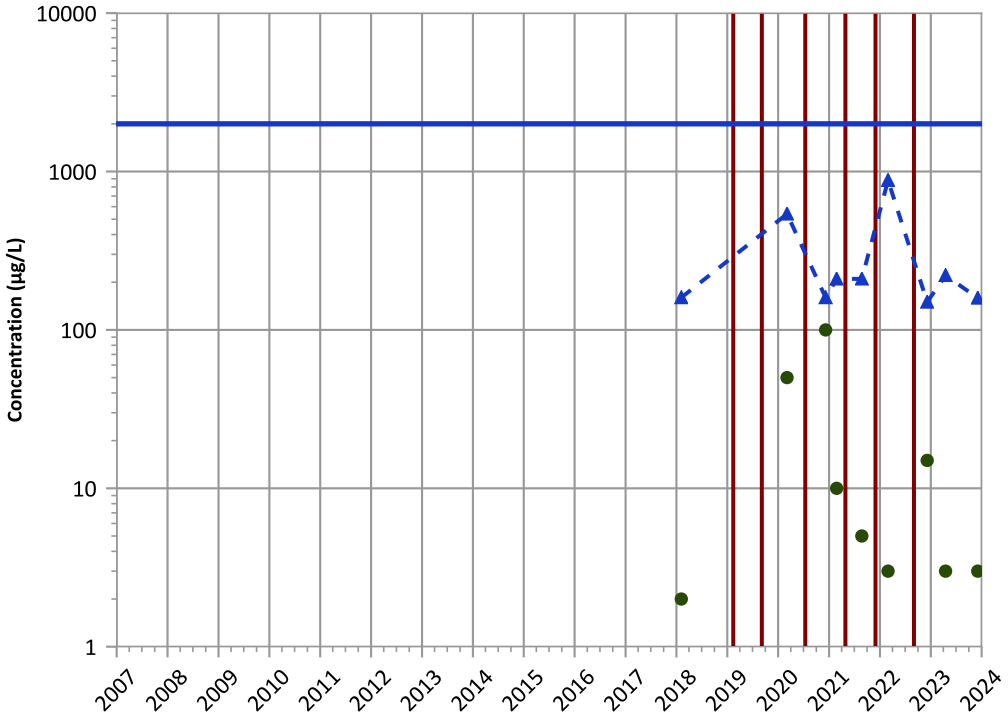


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Barium Trend



Concentration Trend

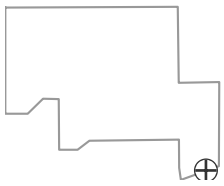
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

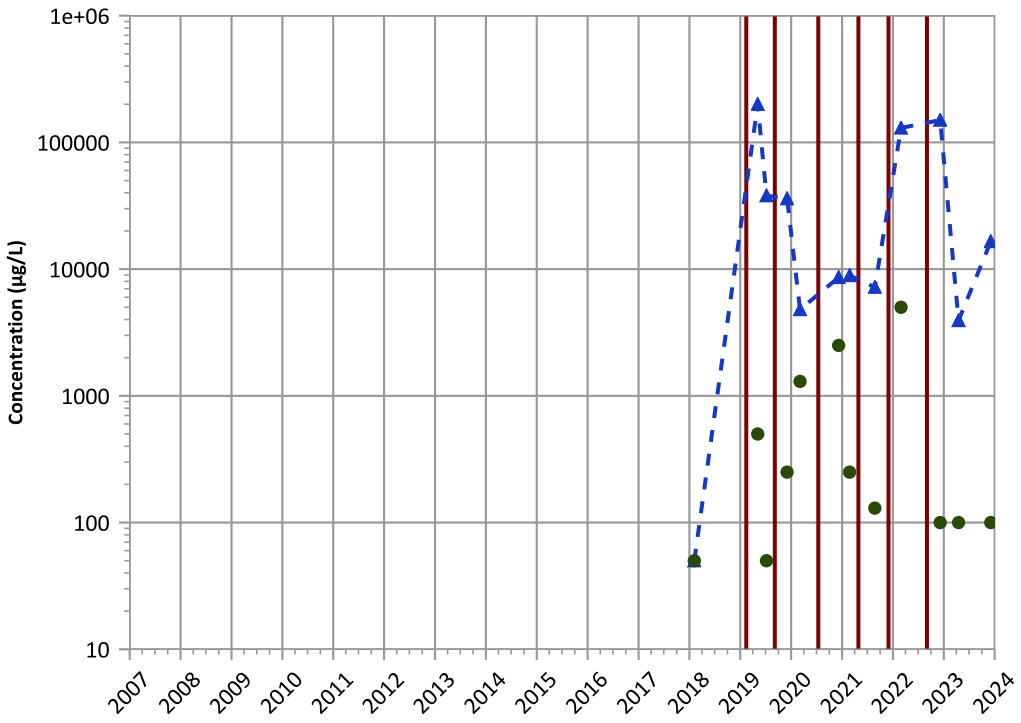
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

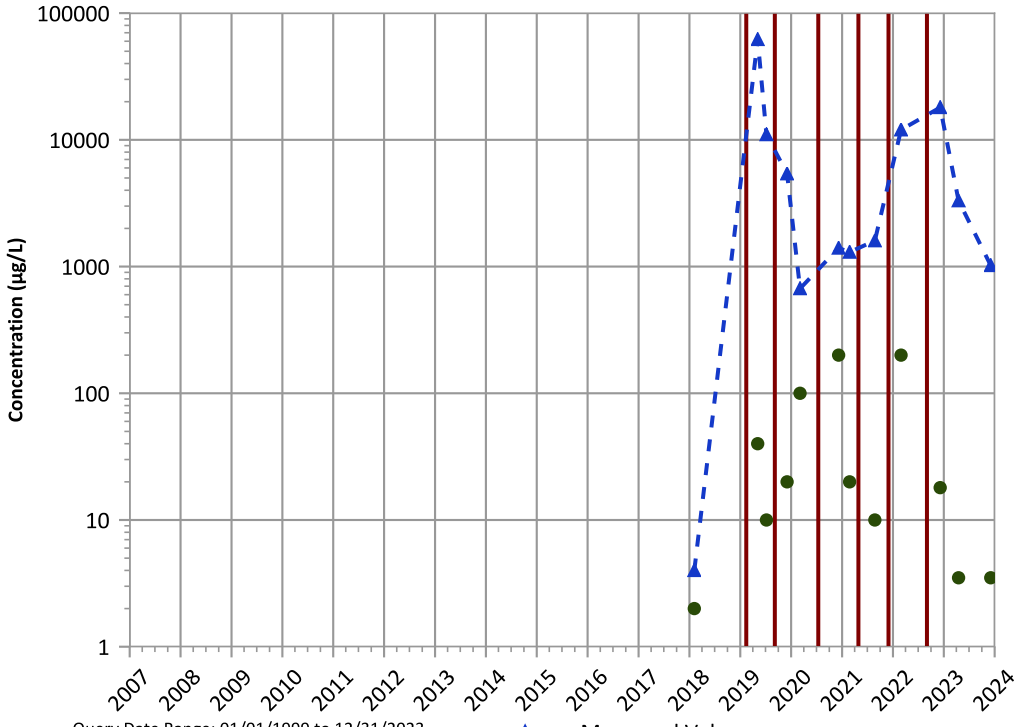


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

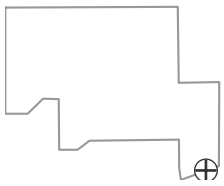
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

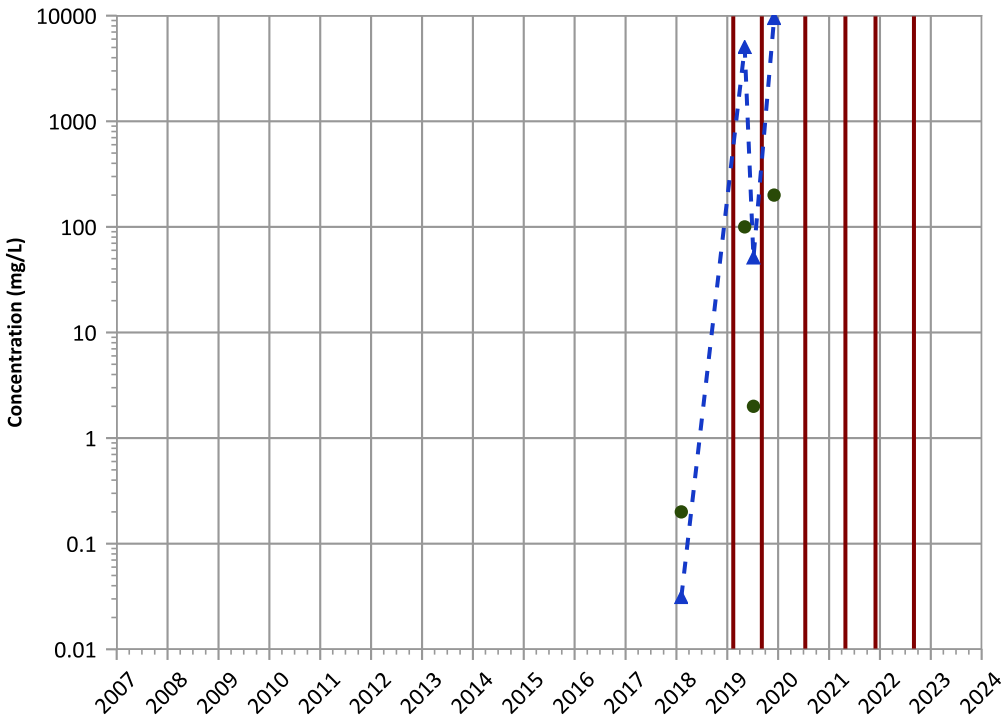
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

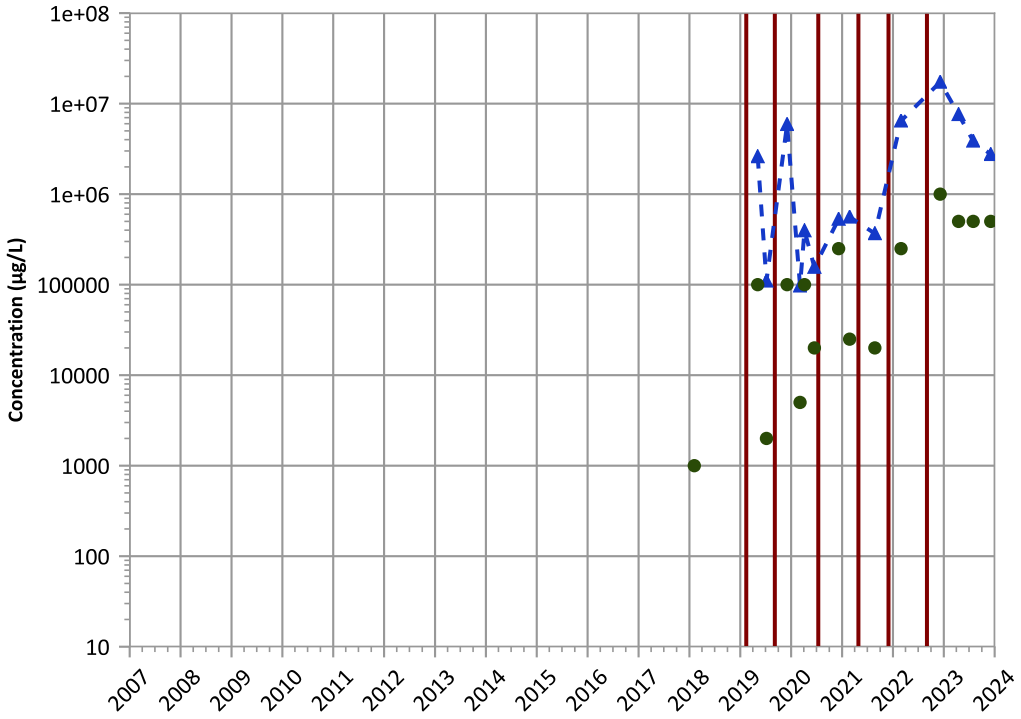


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Total Organic Carbon Trend

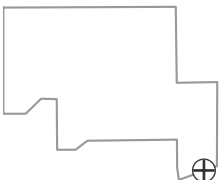


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Well Location

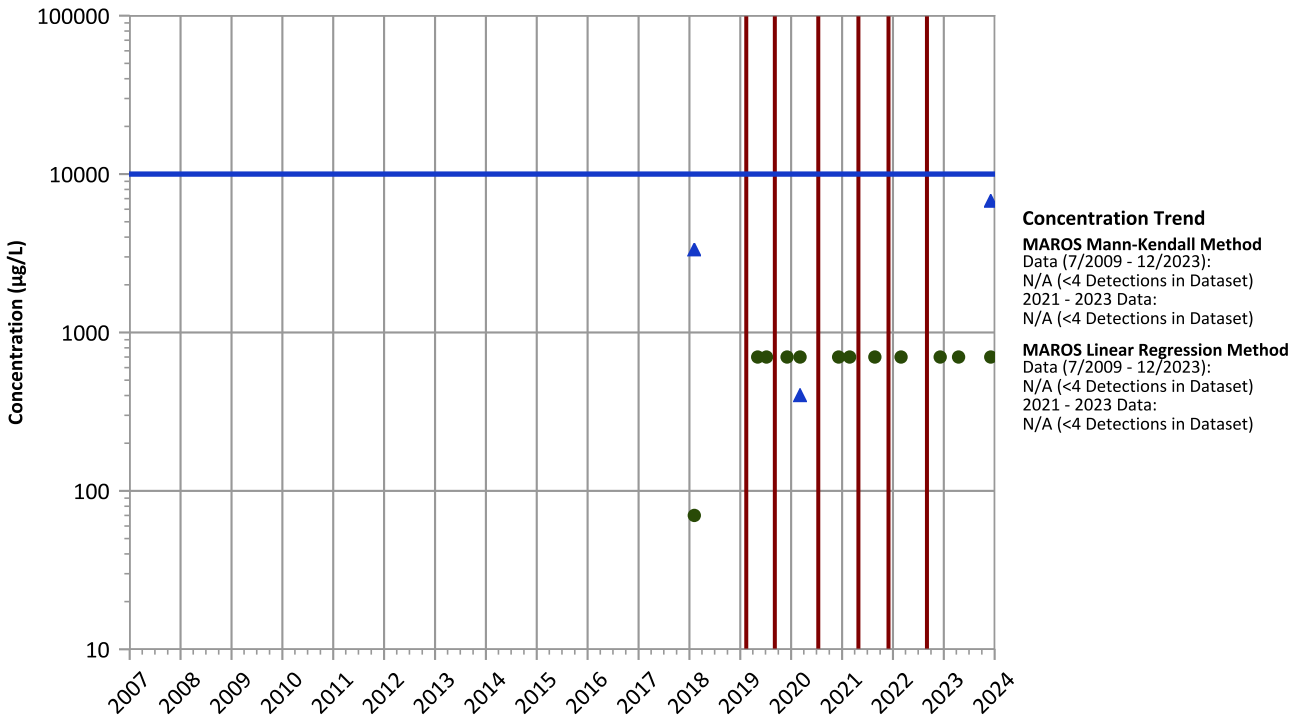


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

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

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

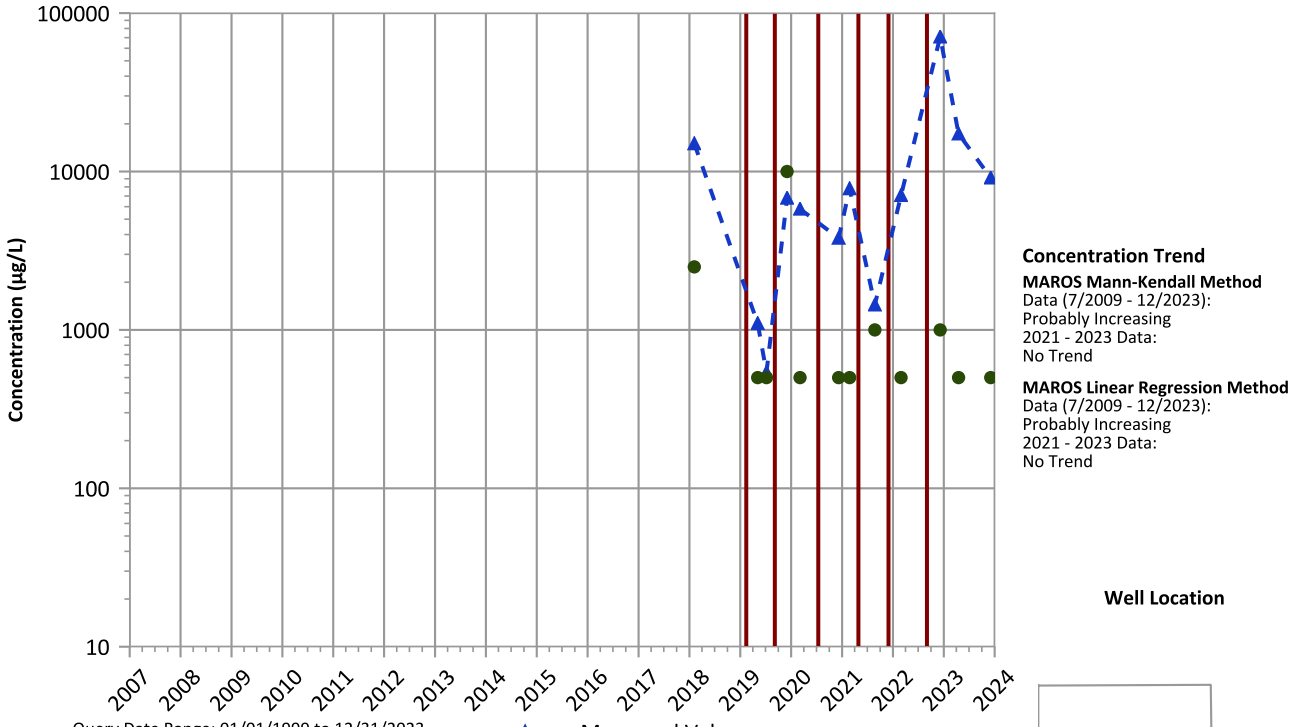


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

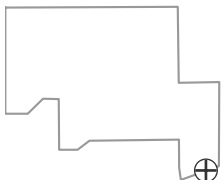
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

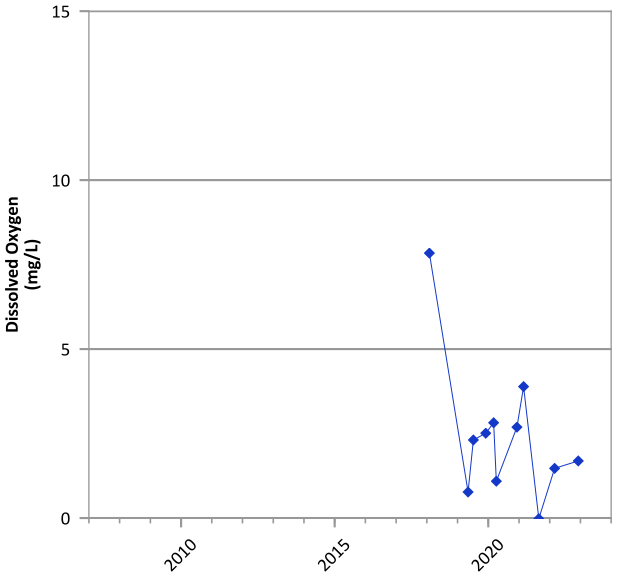
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 02/05/2018 to 12/04/2023
Analysis Date: 04/01/2024

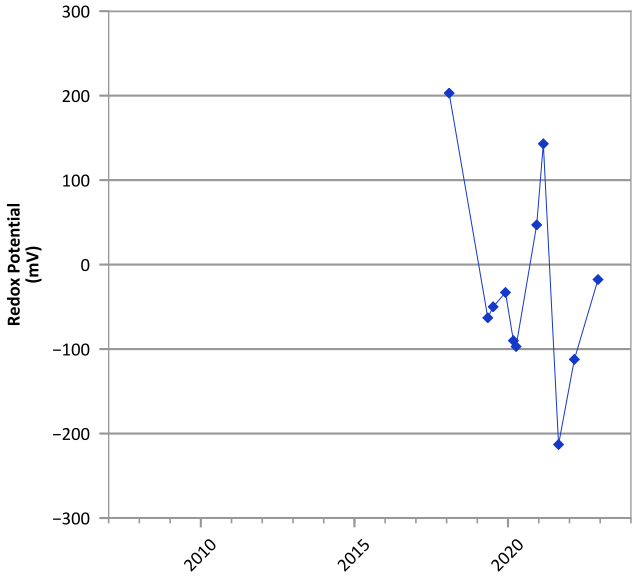
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

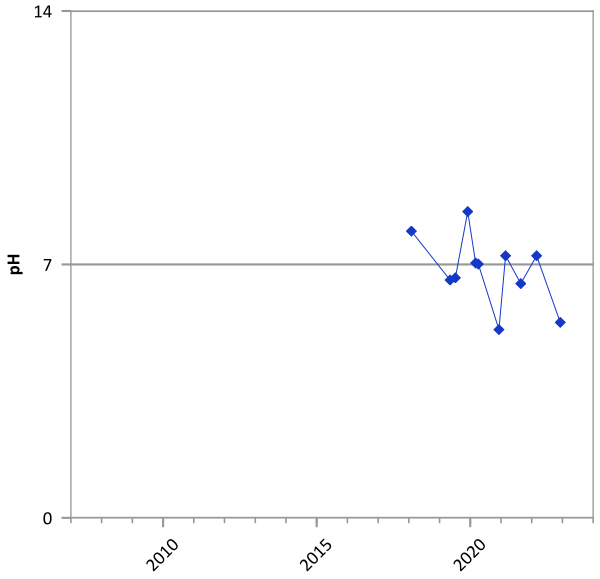
Well Location

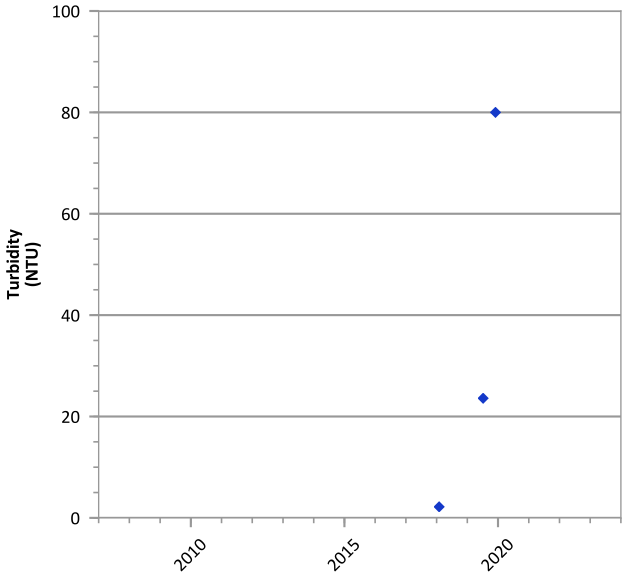


PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

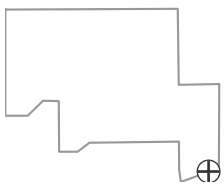






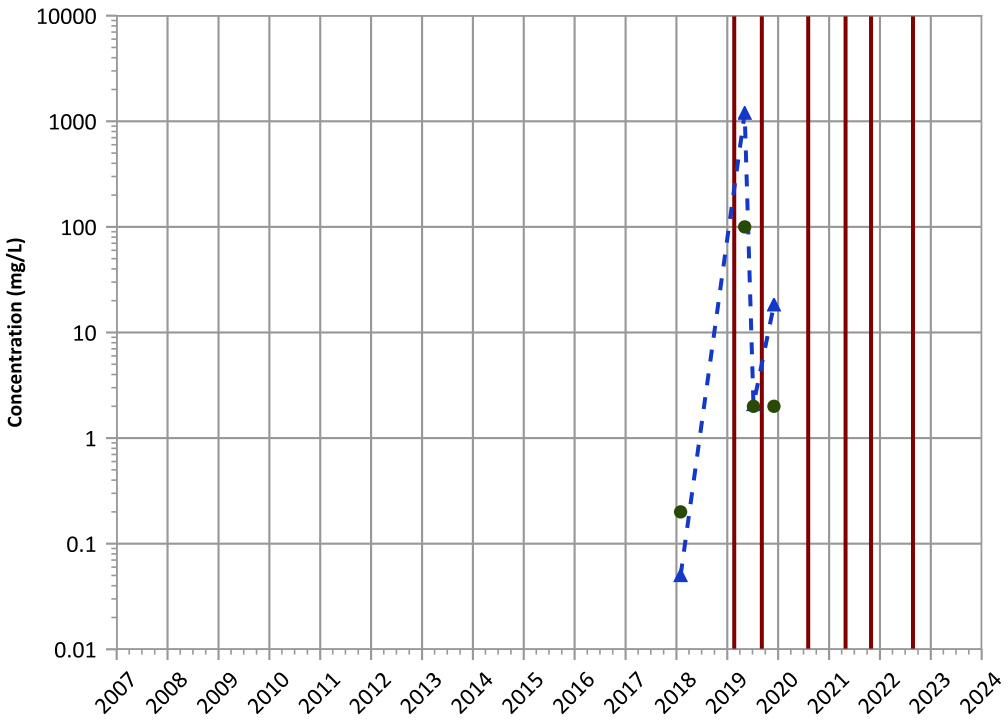


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/31/2018 to 12/02/2019
Analysis Date: 04/01/2024



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

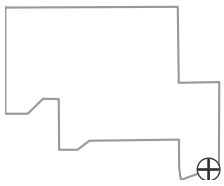
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

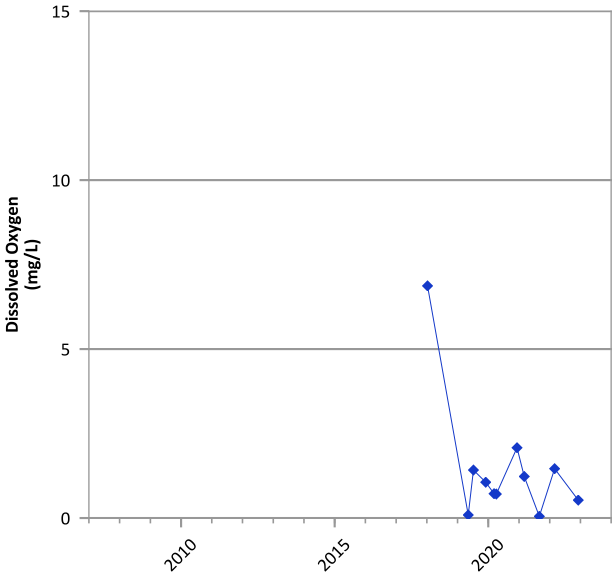
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/31/2018 to 12/02/2019
Analysis Date: 04/01/2024

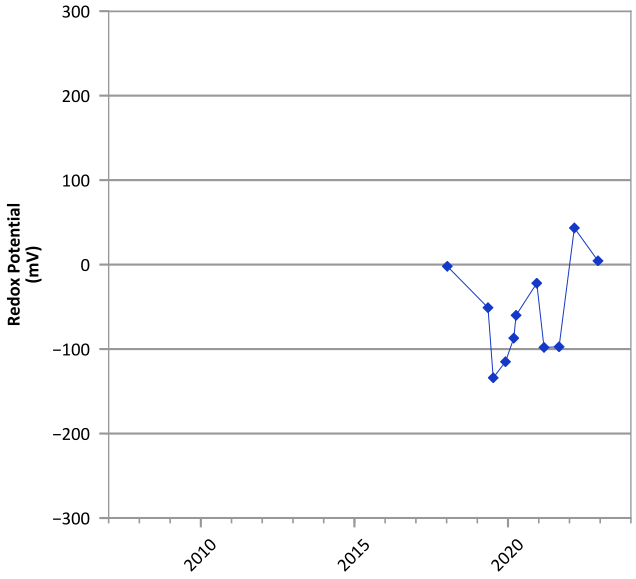
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

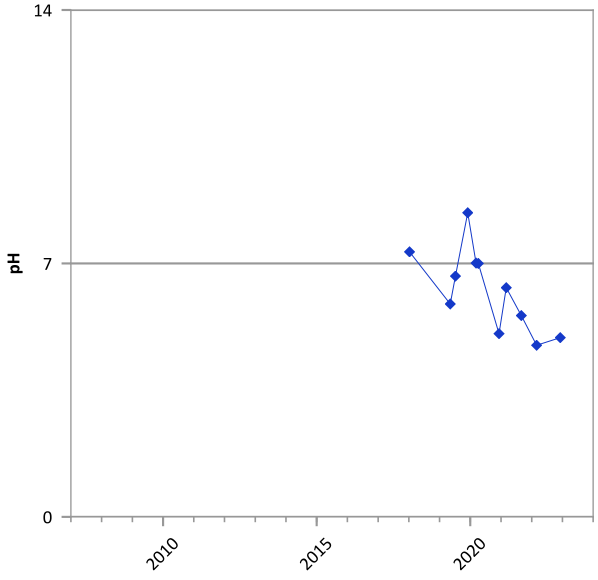
Well Location

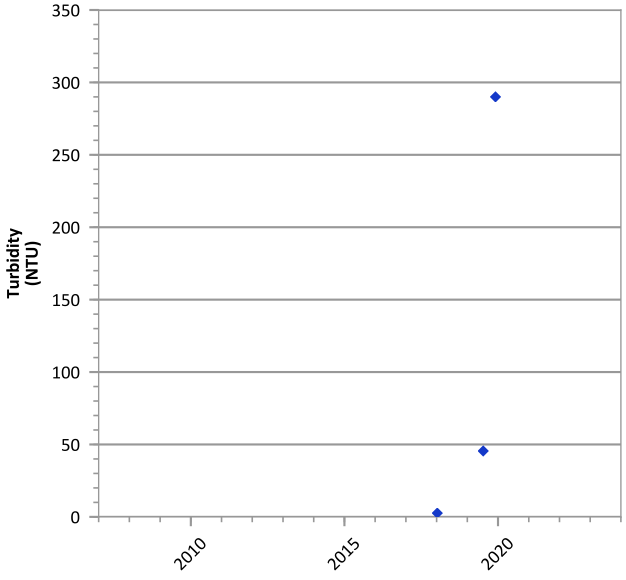


PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

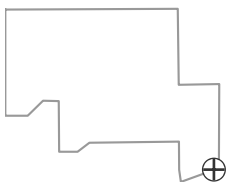






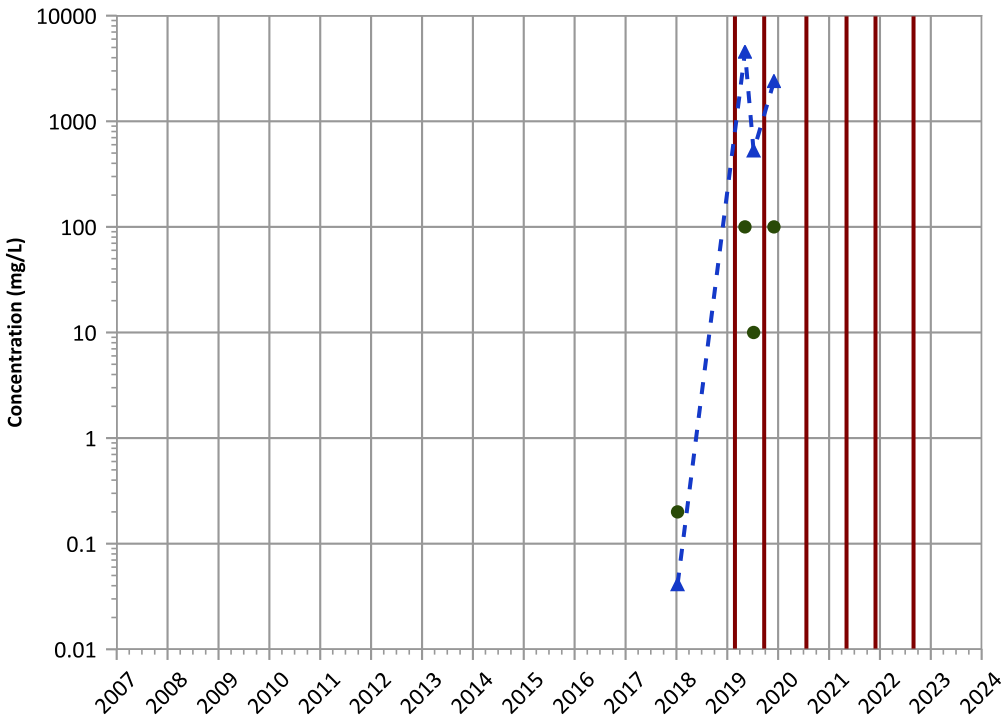


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/09/2018 to 12/02/2019
Analysis Date: 04/01/2024



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

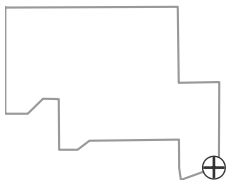
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

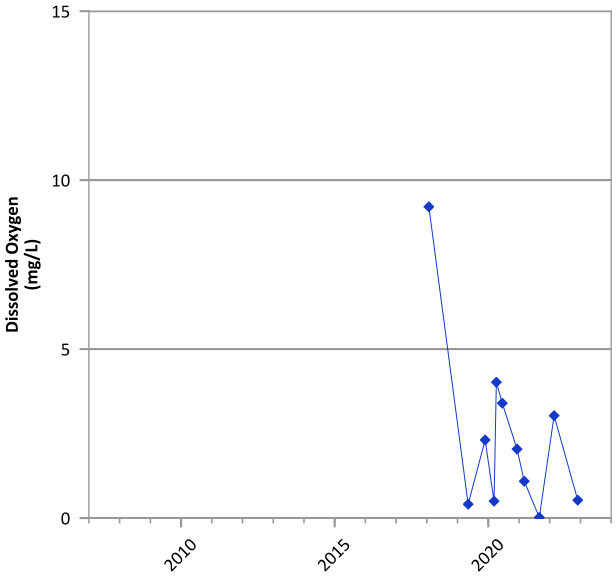
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/09/2018 to 12/02/2019
Analysis Date: 04/01/2024

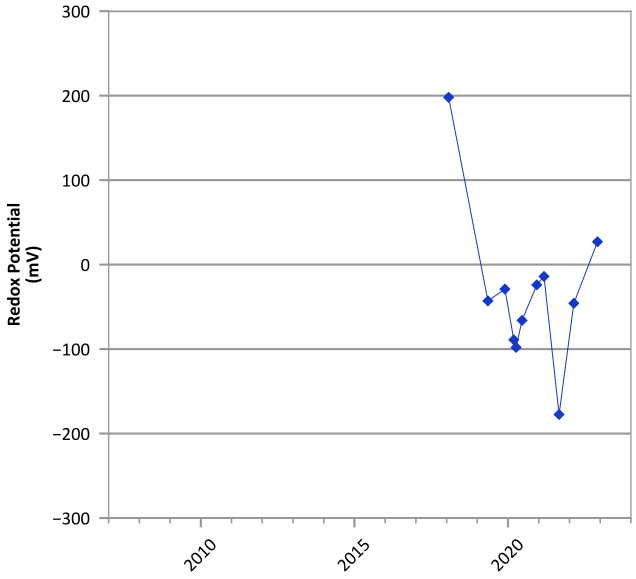
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

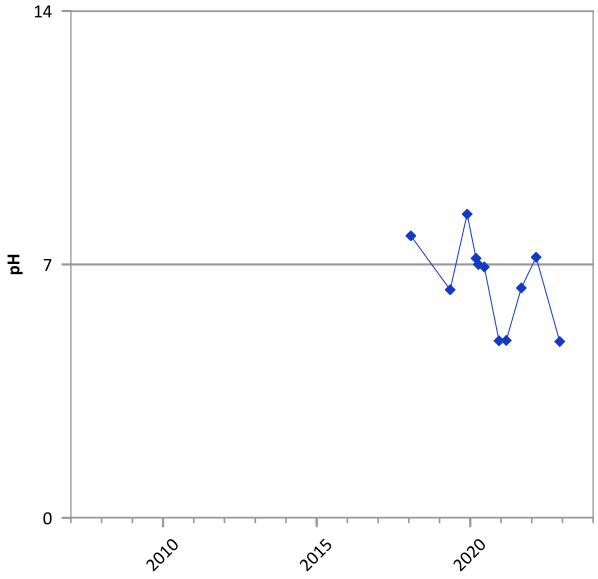
Well Location

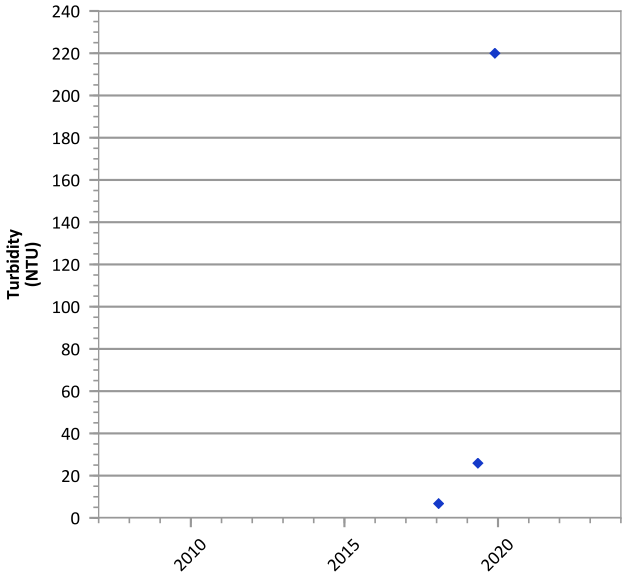


PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

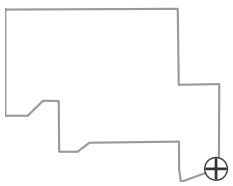






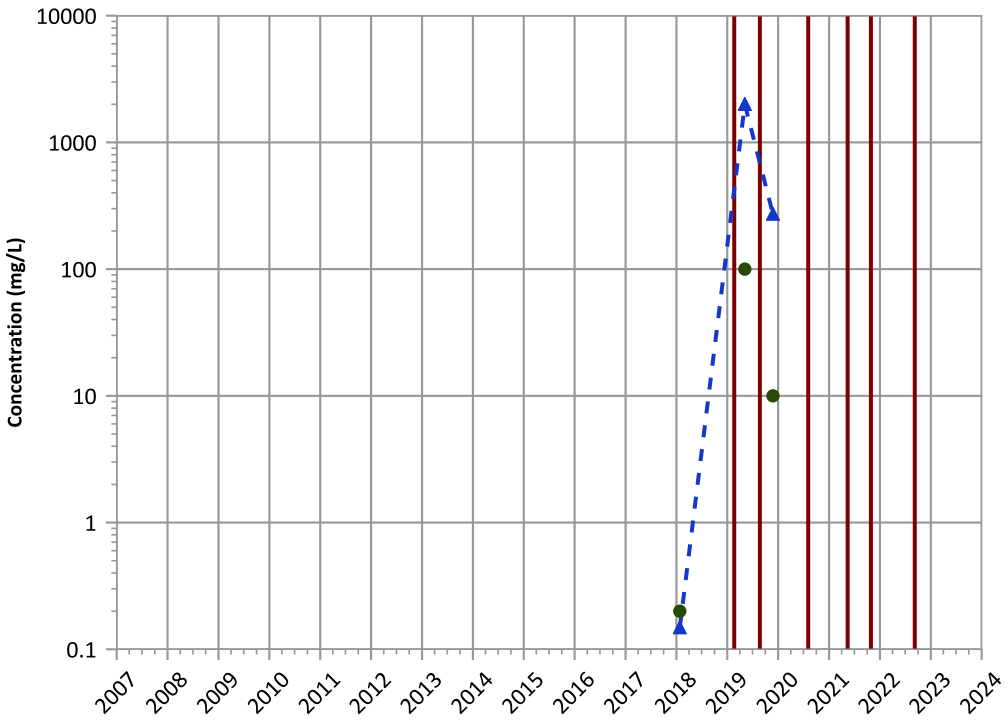


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/25/2018 to 11/25/2019
Analysis Date: 04/01/2024



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

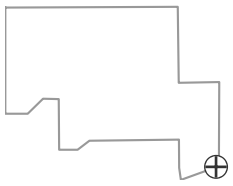
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

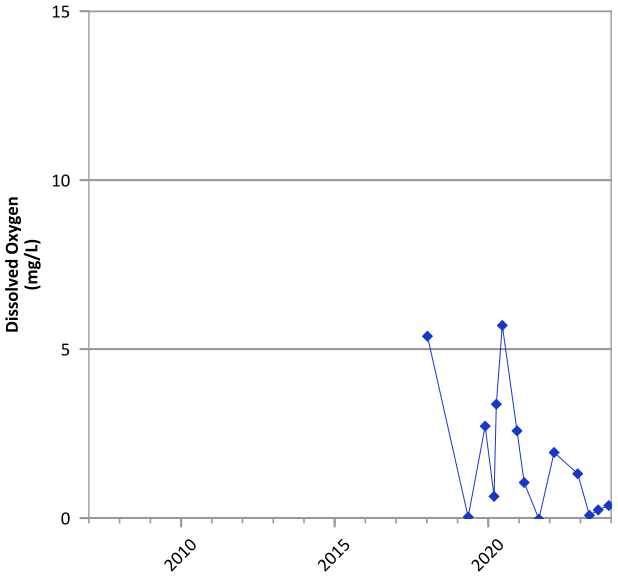
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/25/2018 to 11/25/2019
Analysis Date: 04/01/2024

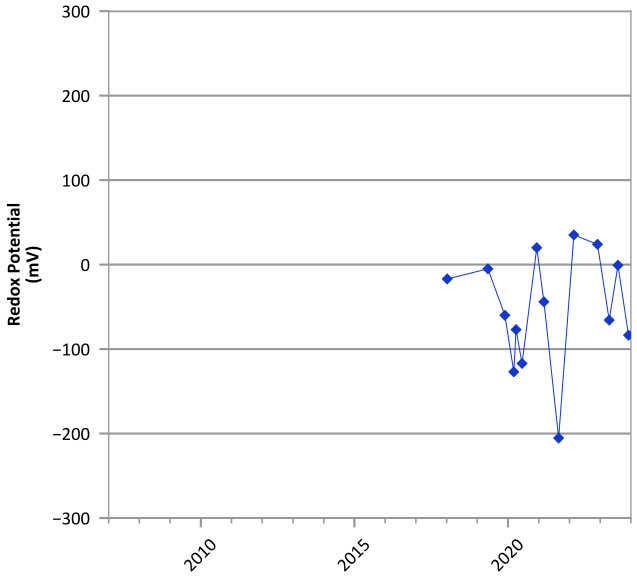
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

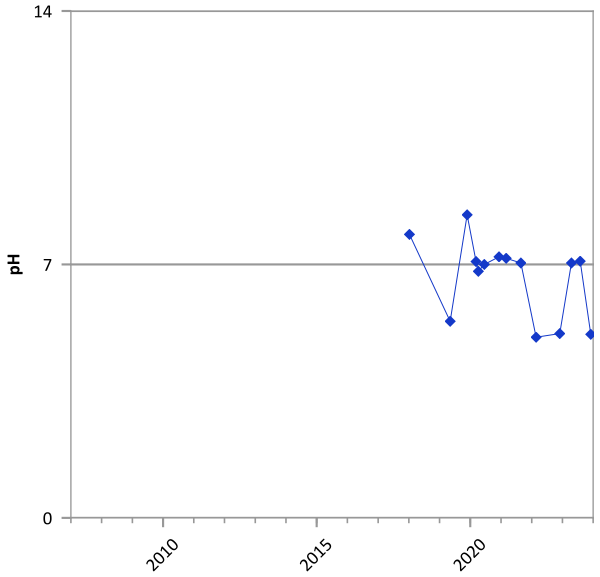
Well Location

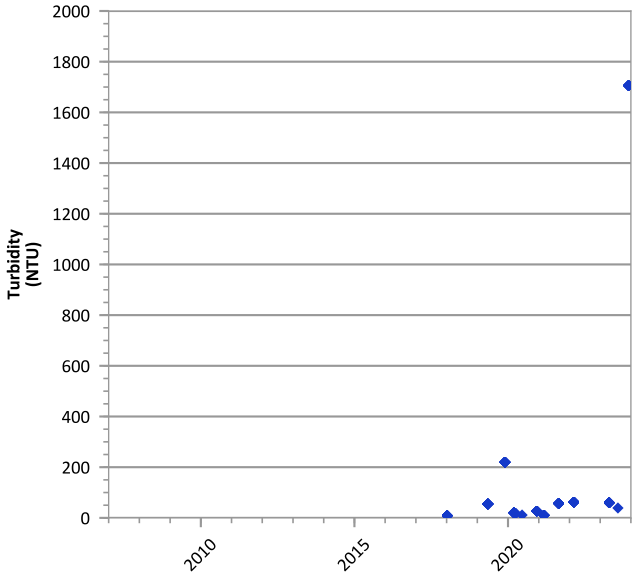


PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

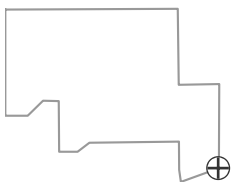






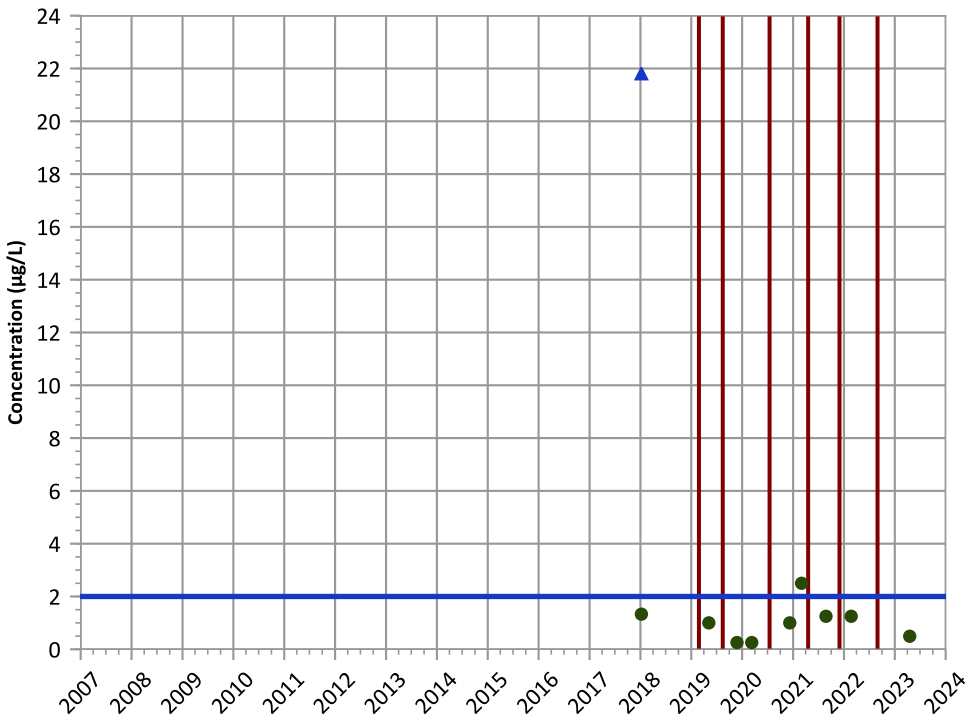


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

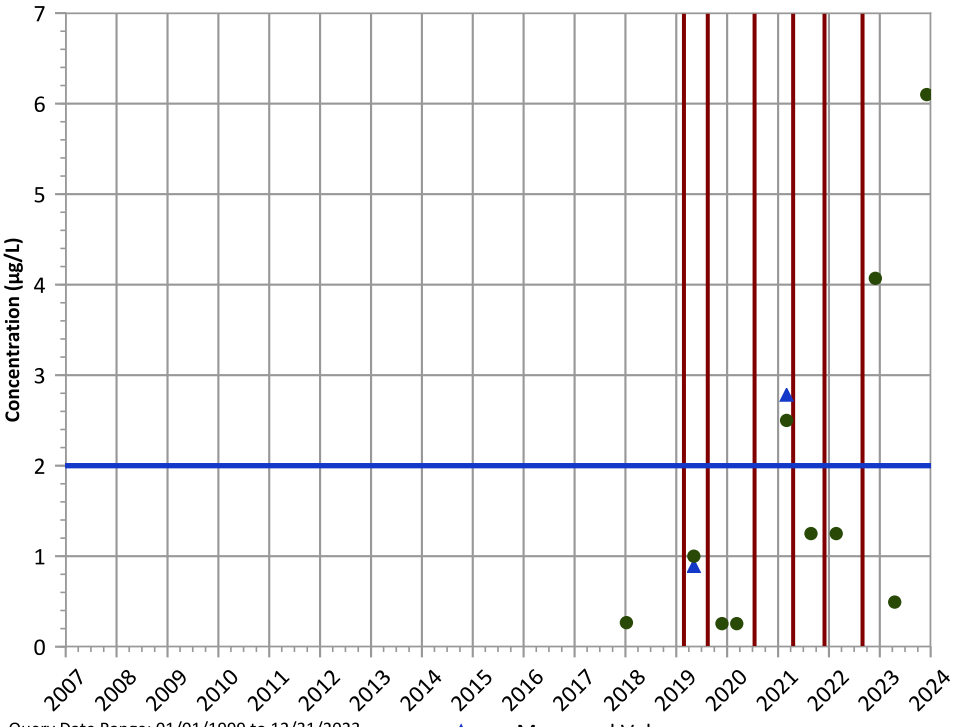


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

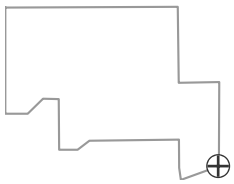
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

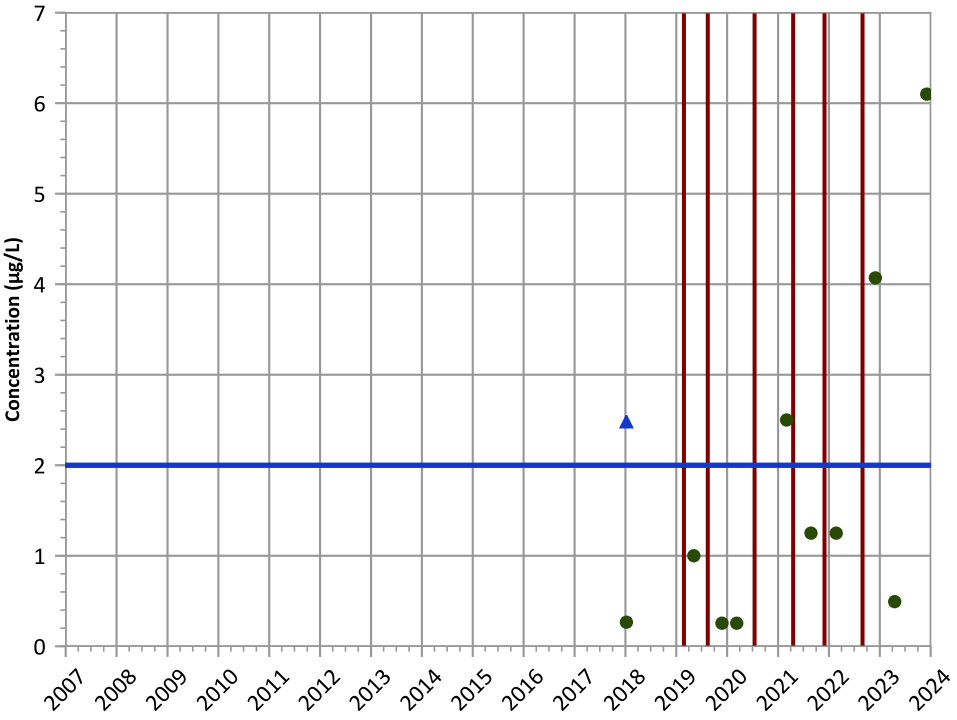
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

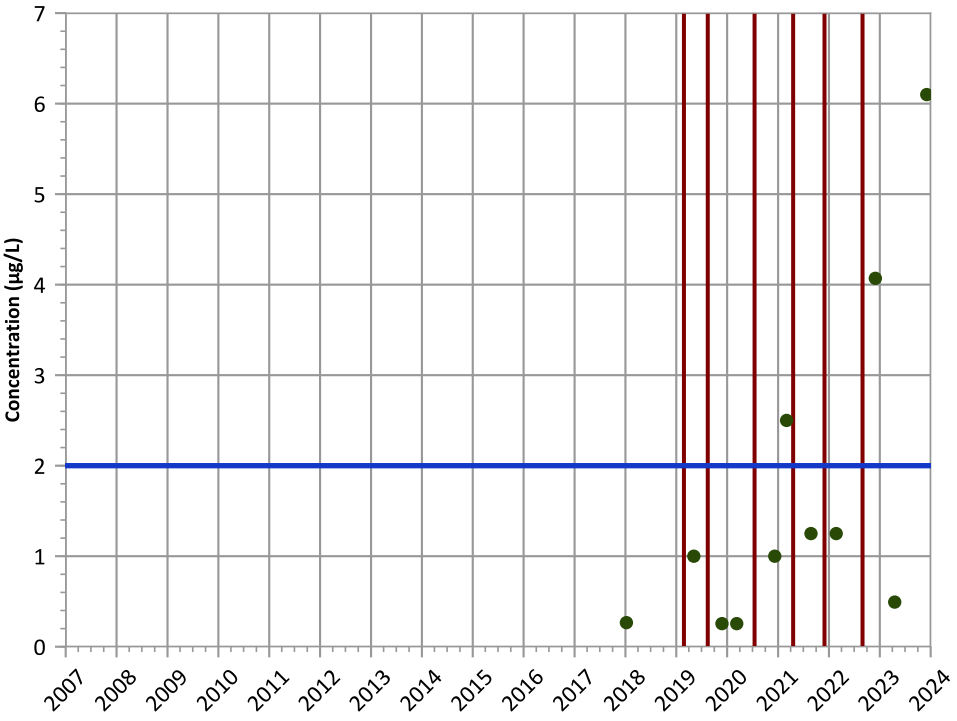


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

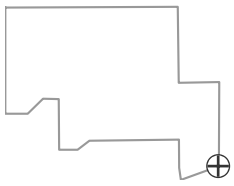
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

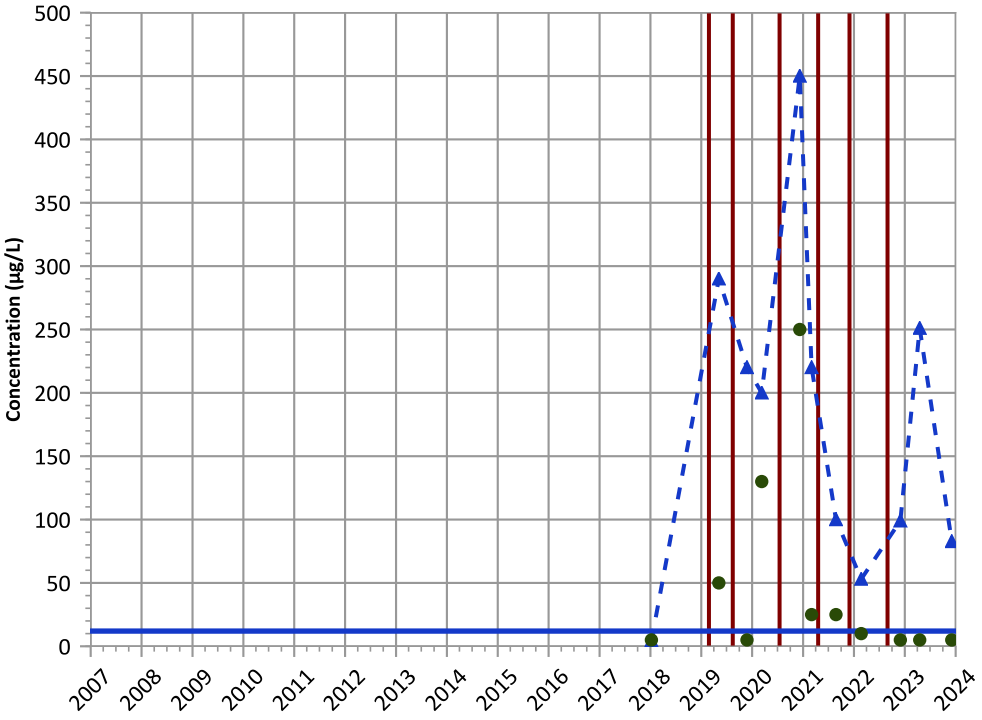
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

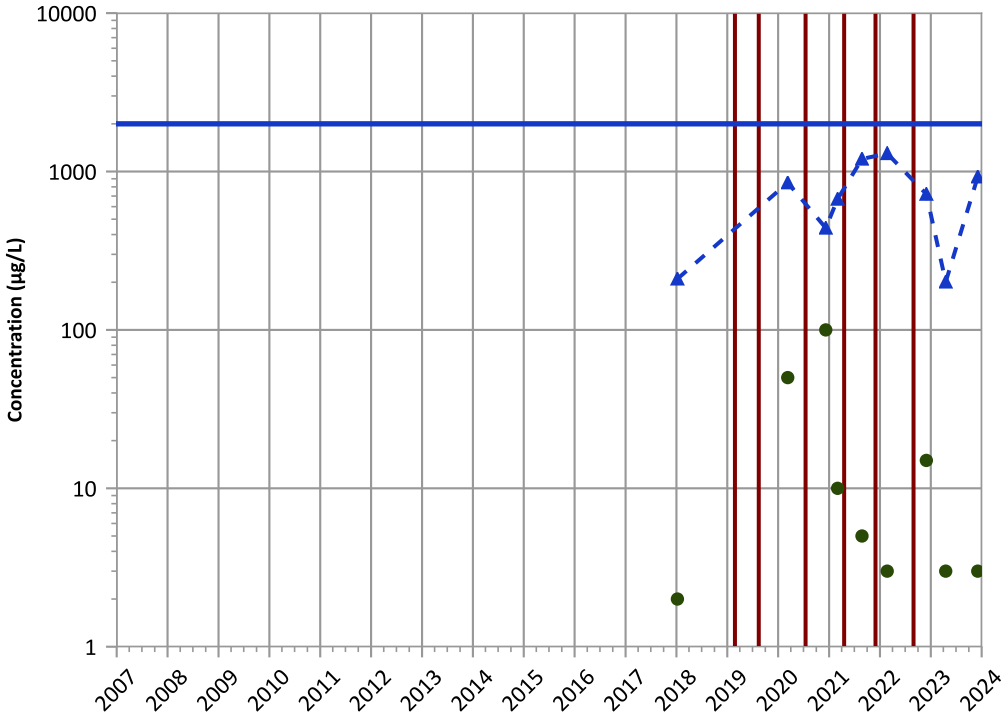


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

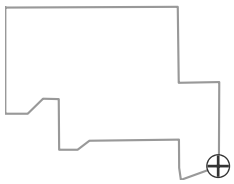
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

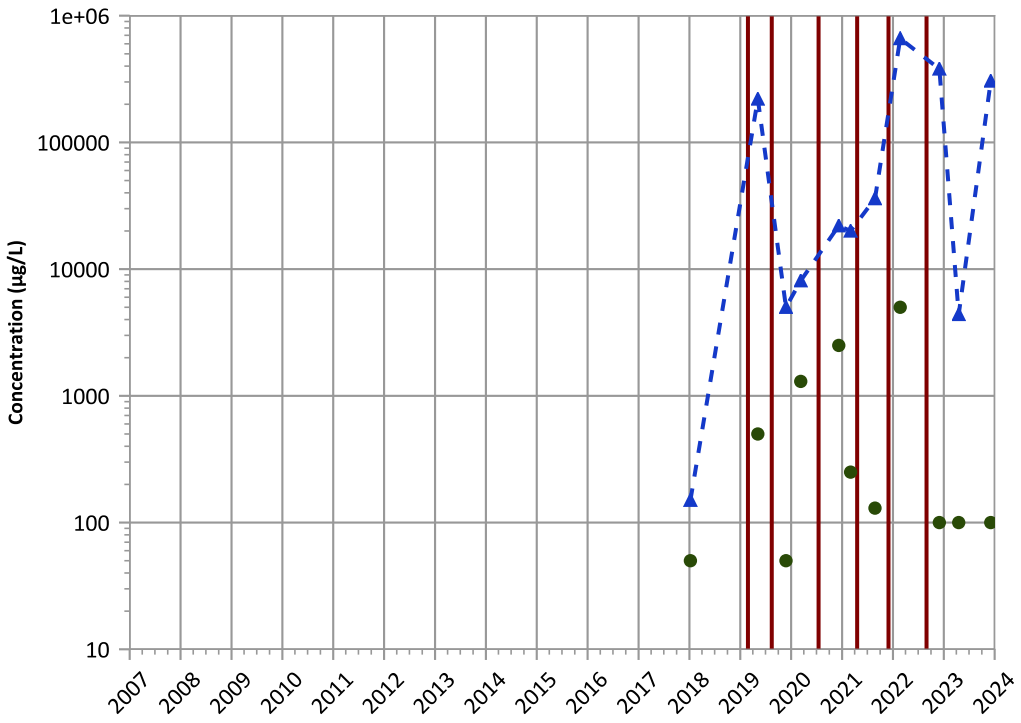
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

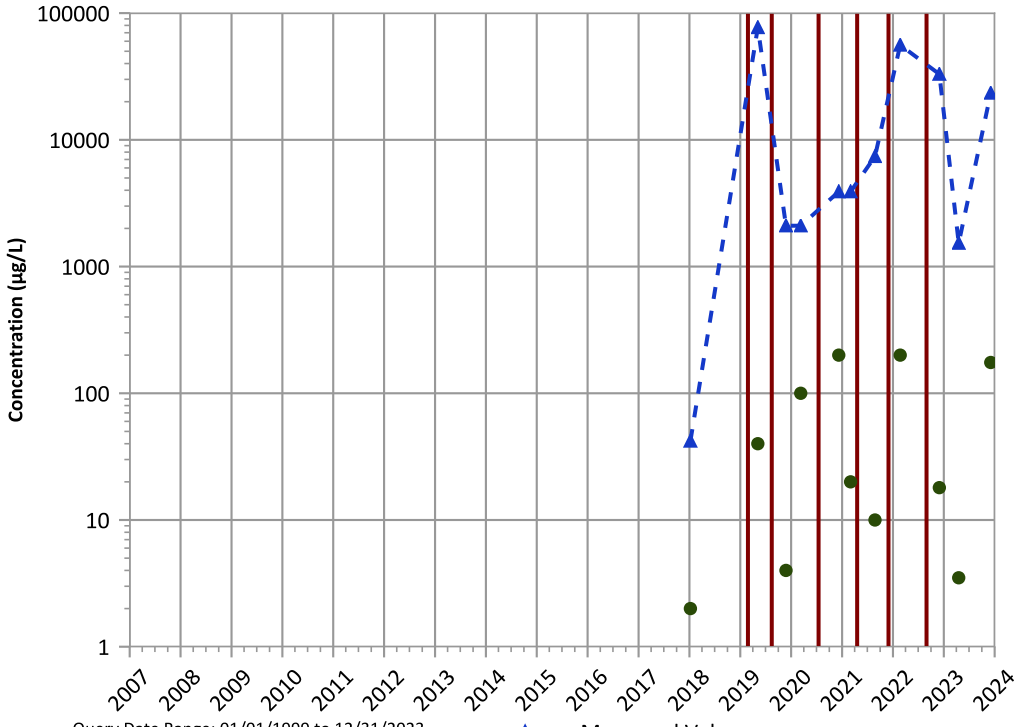


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

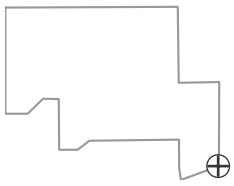
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

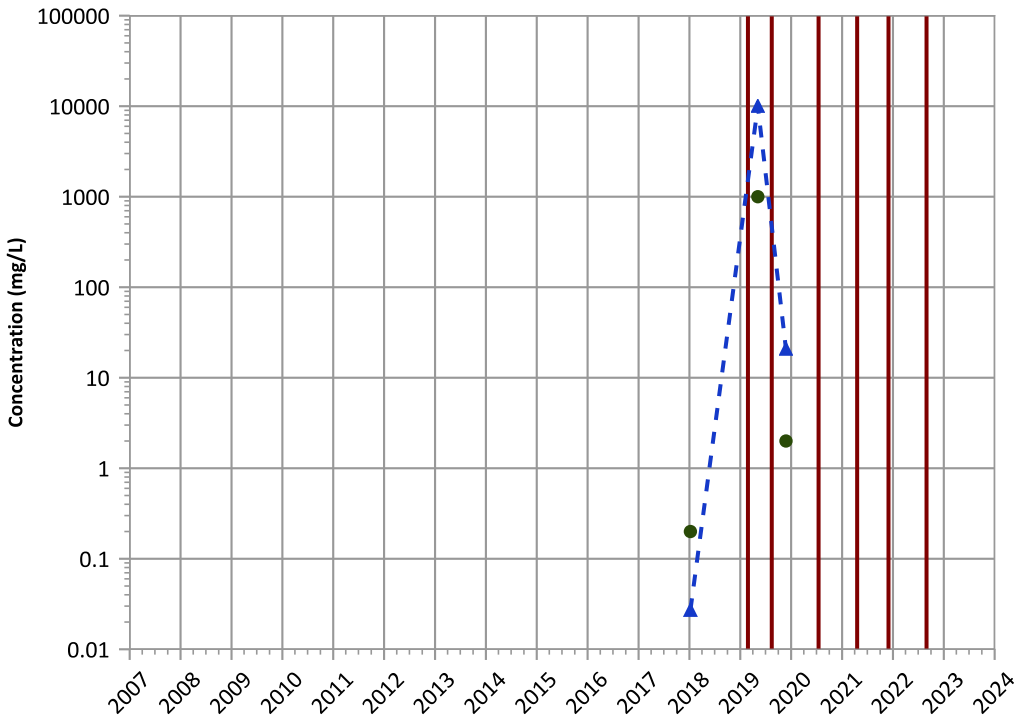
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend

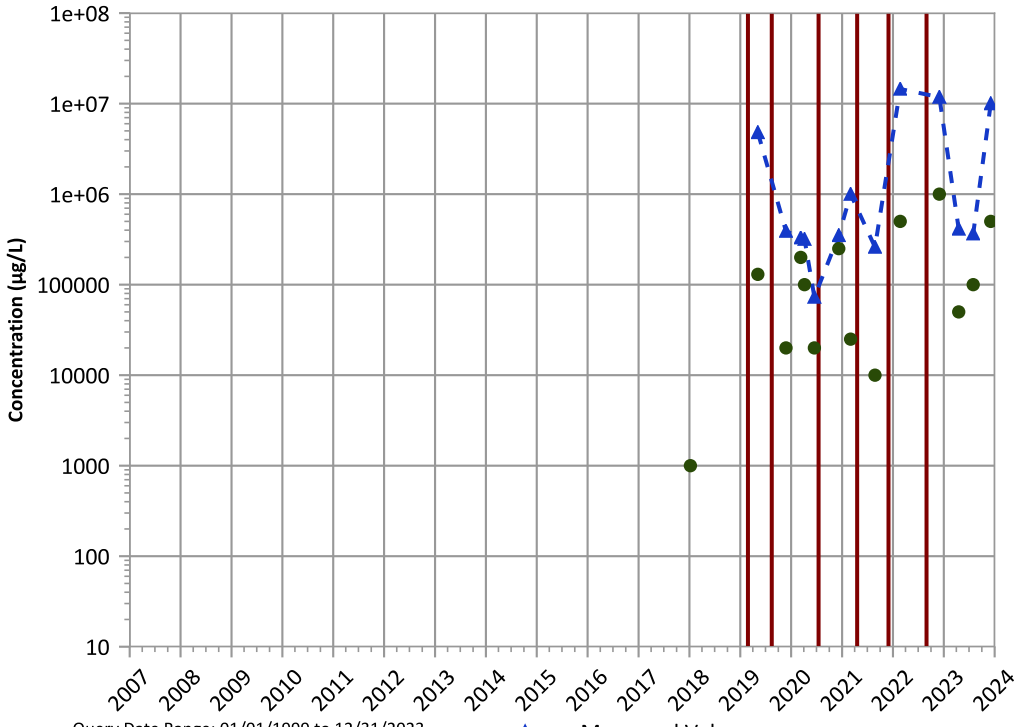


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Total Organic Carbon Trend



Concentration Trend

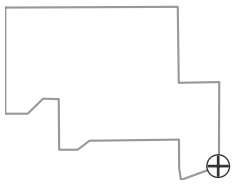
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

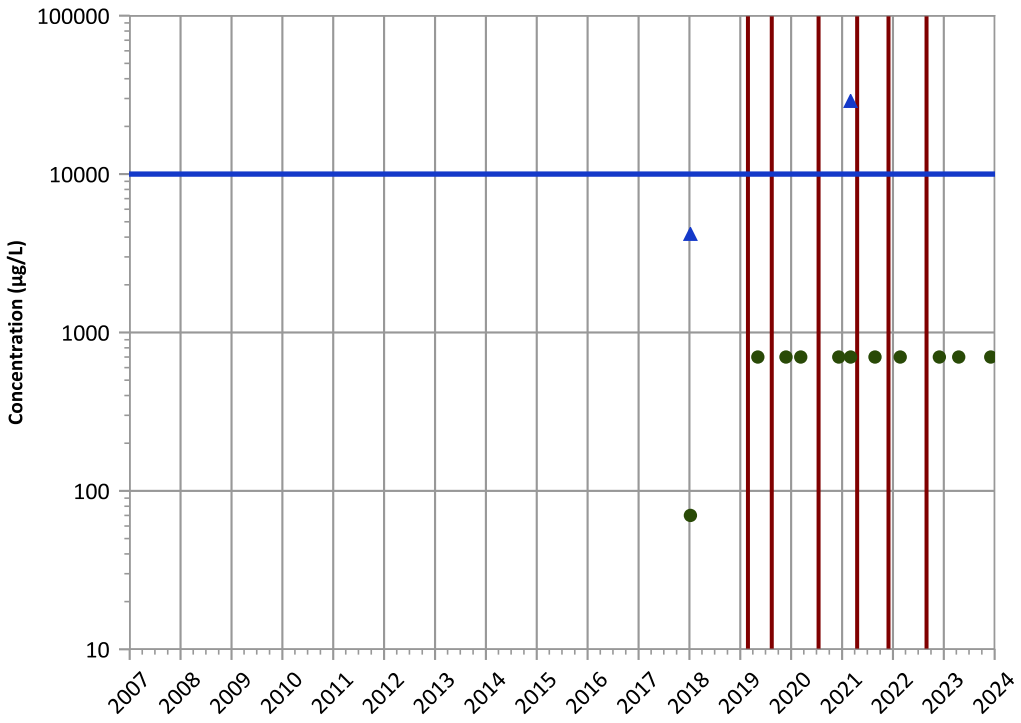
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

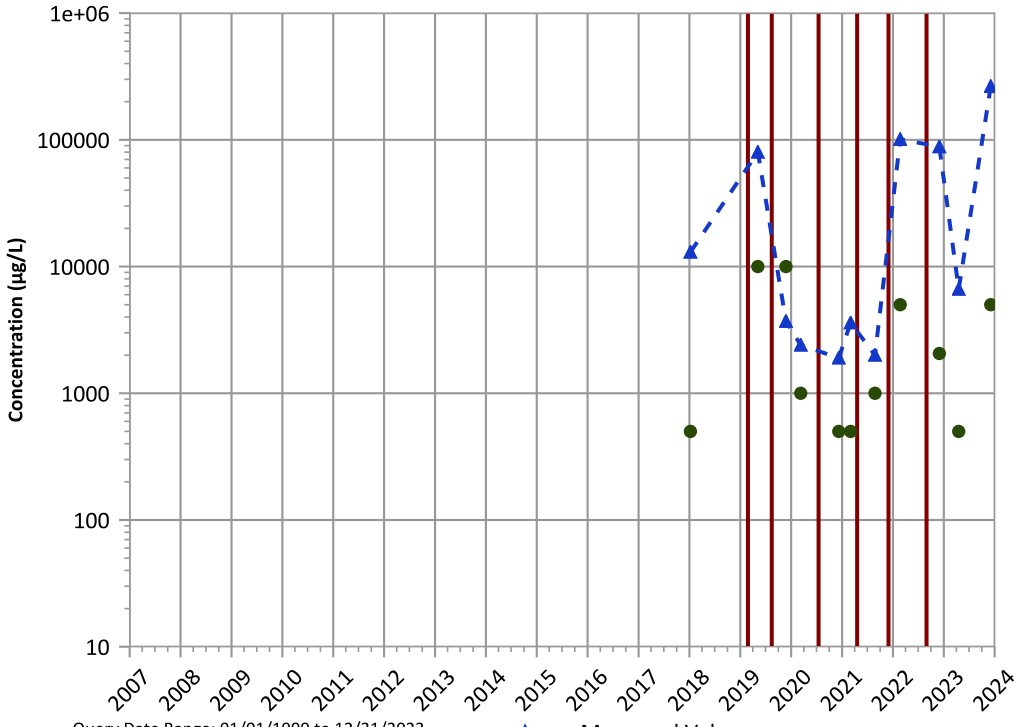


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

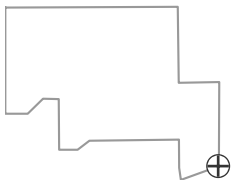
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

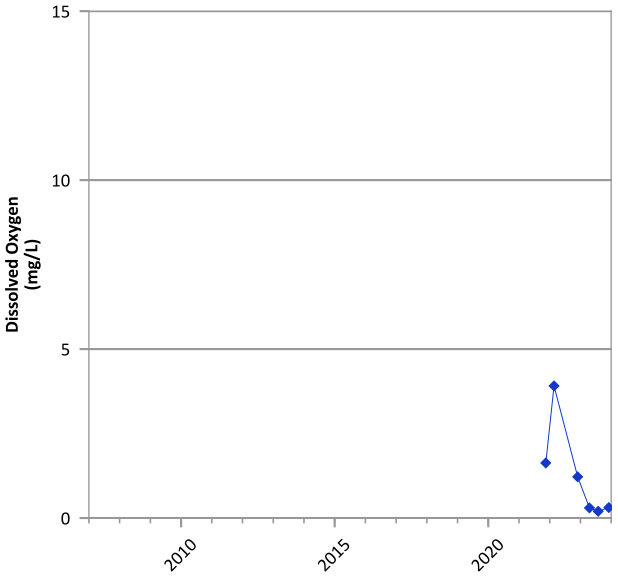
Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 01/08/2018 to 12/04/2023
Analysis Date: 04/01/2024

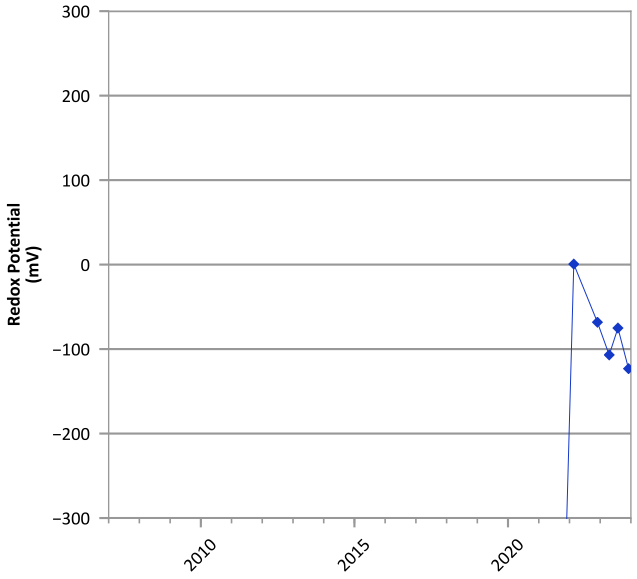
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

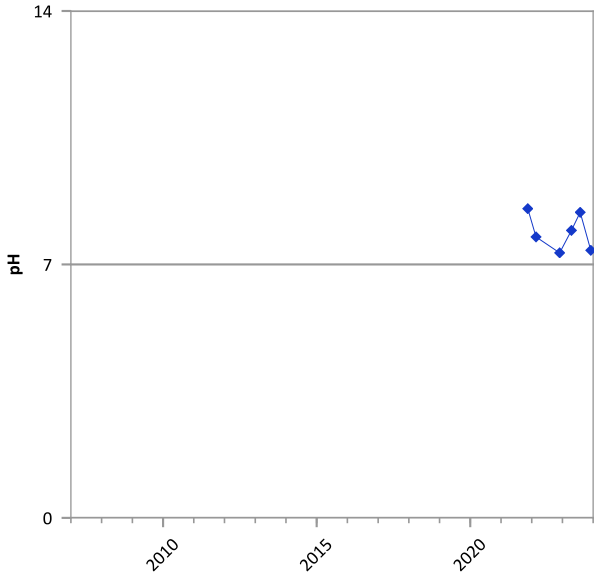
Well Location

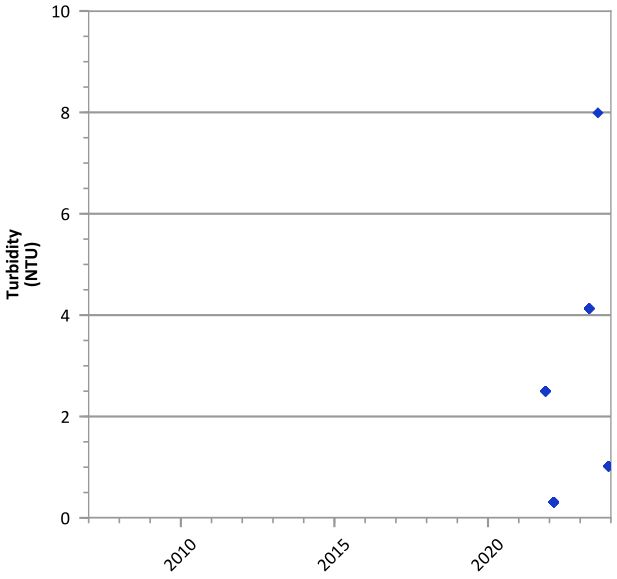


PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

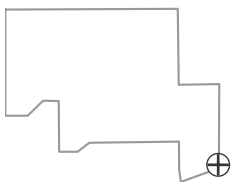






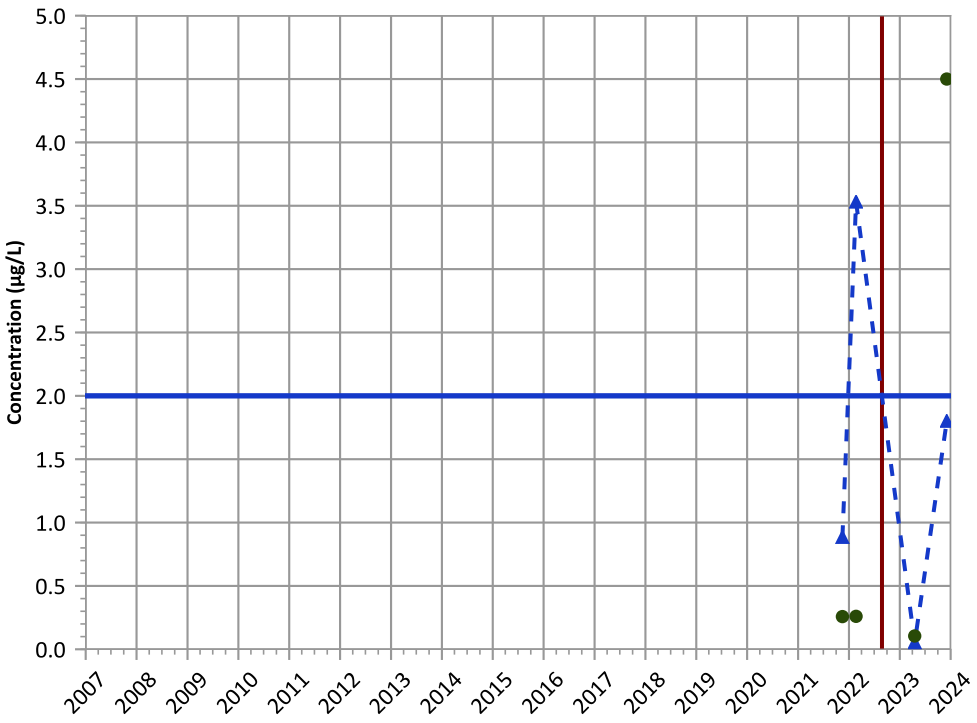


Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

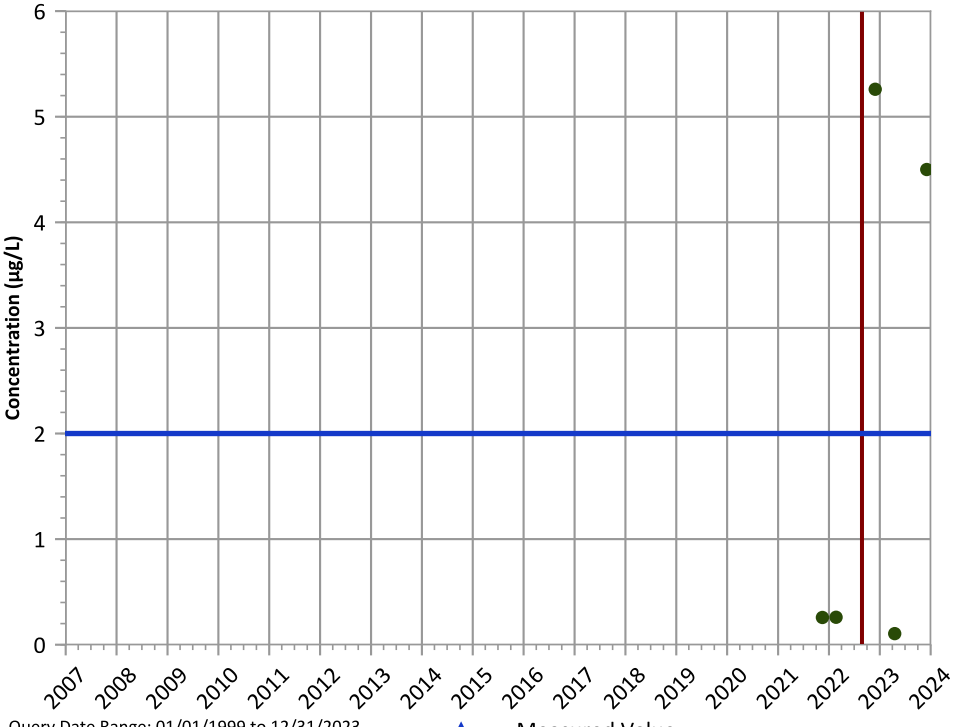


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend

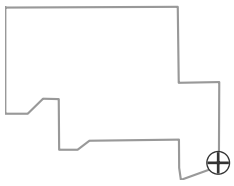
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

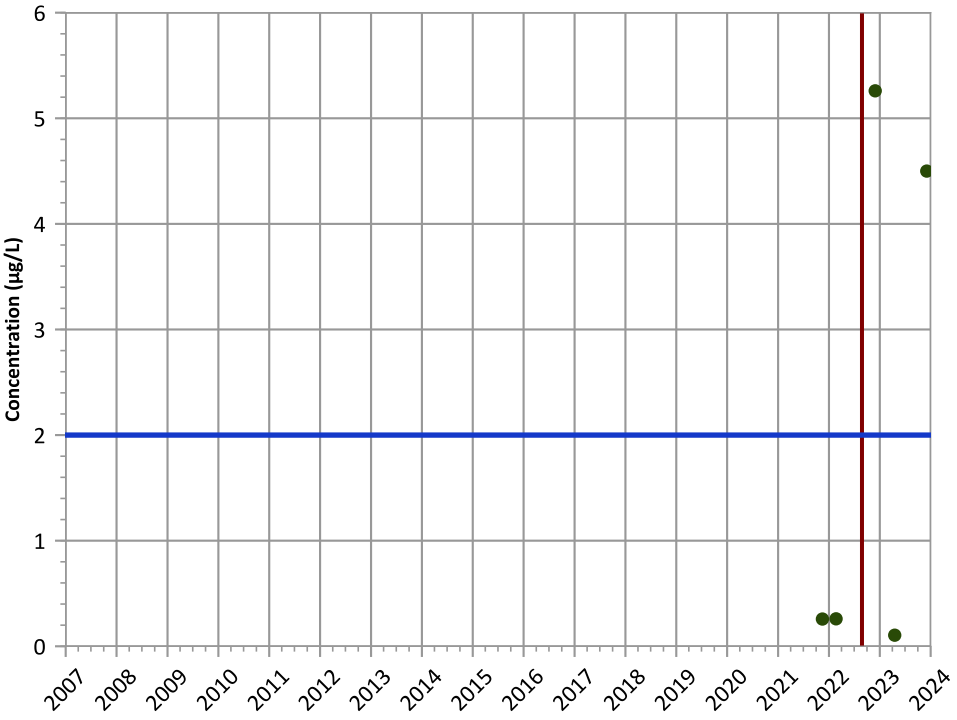
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

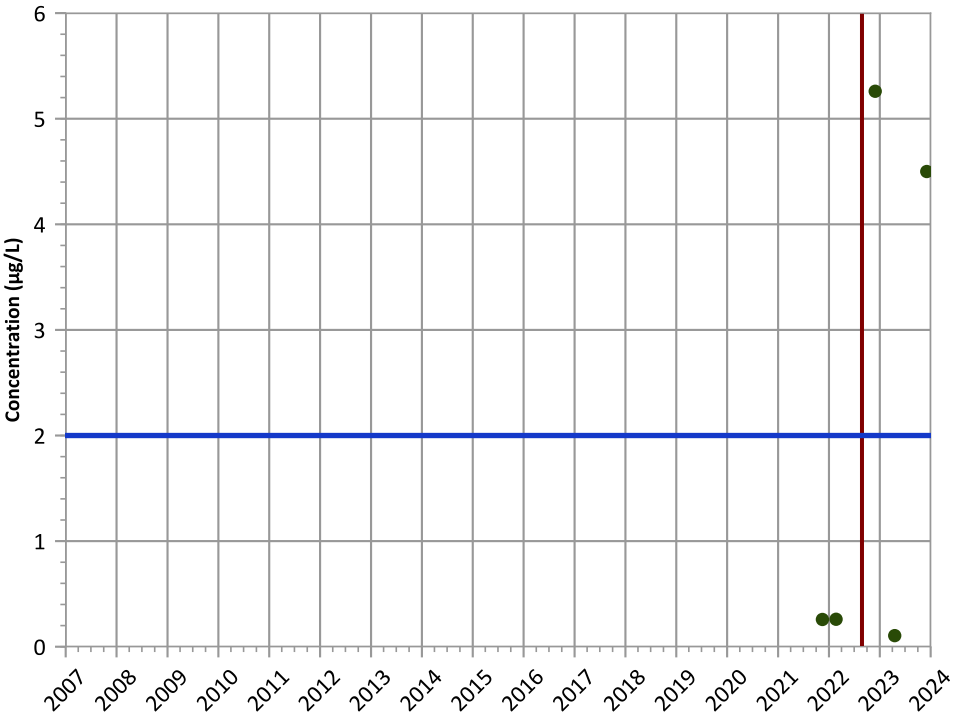


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

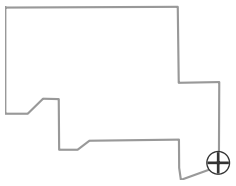
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

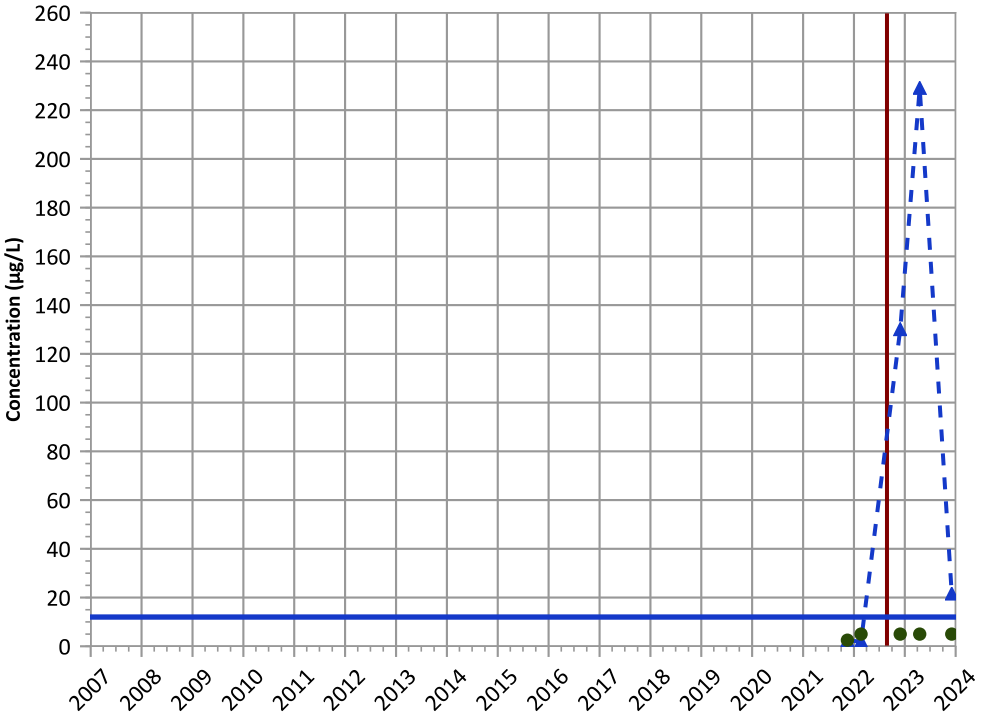
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

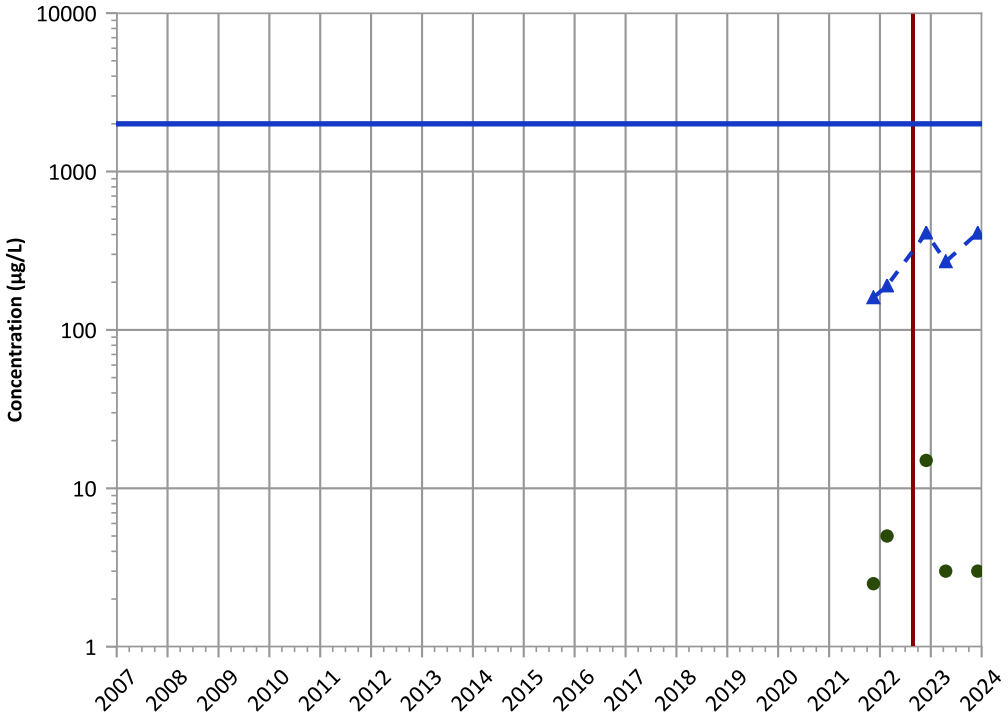


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

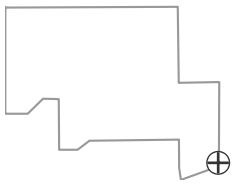
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

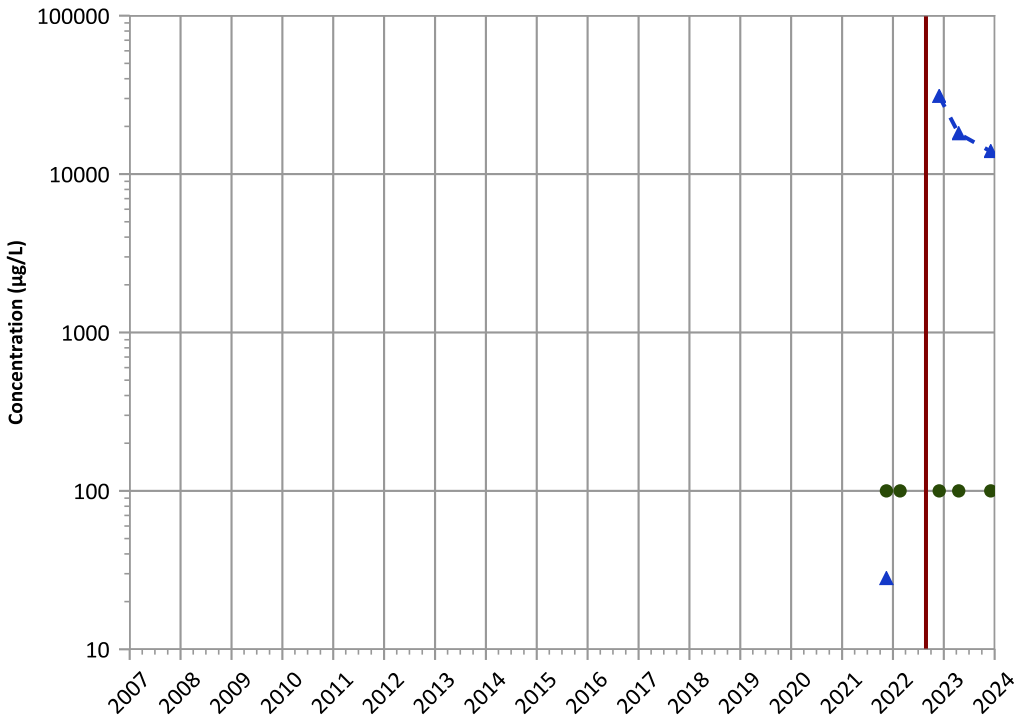
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard
Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

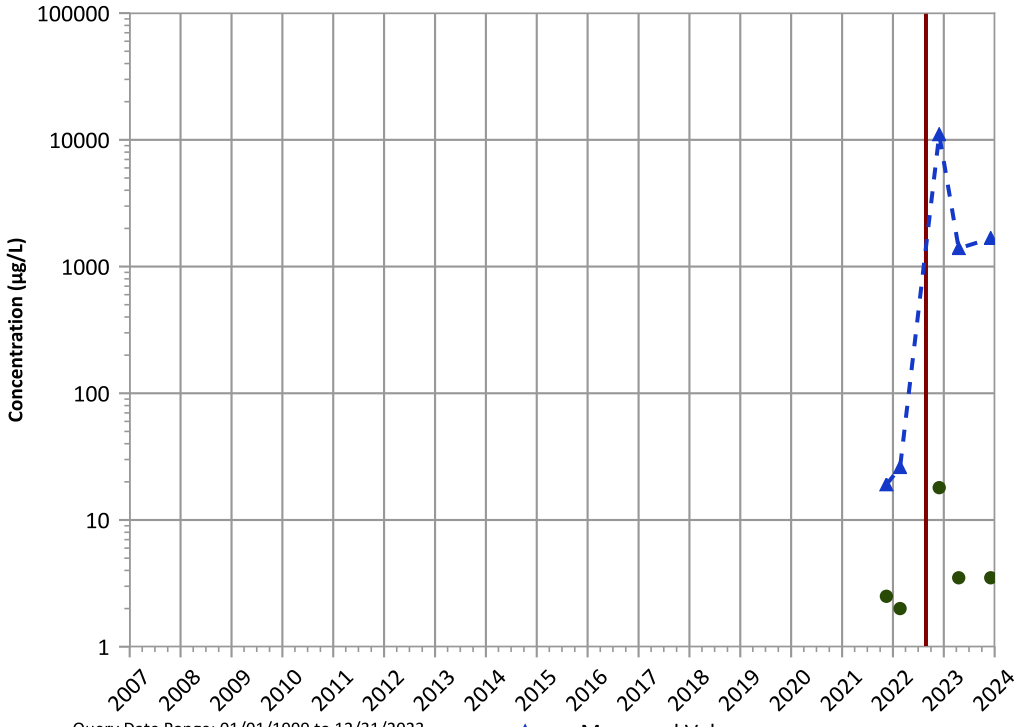


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Increasing

Manganese Trend



Concentration Trend

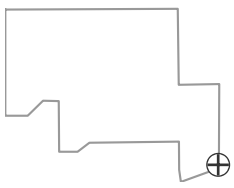
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

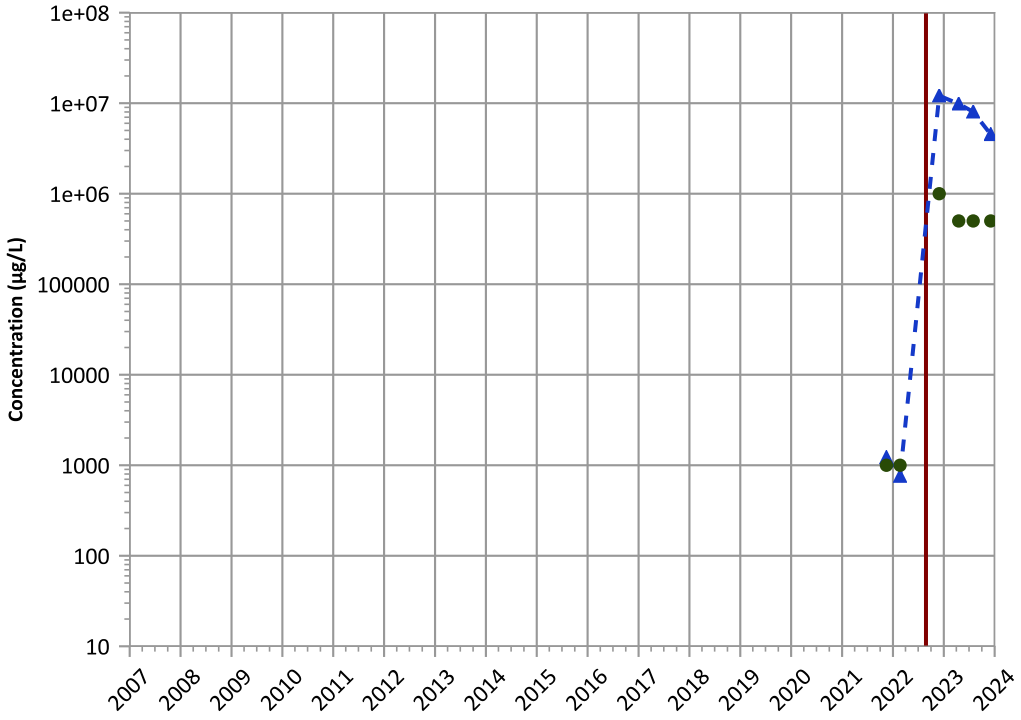
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

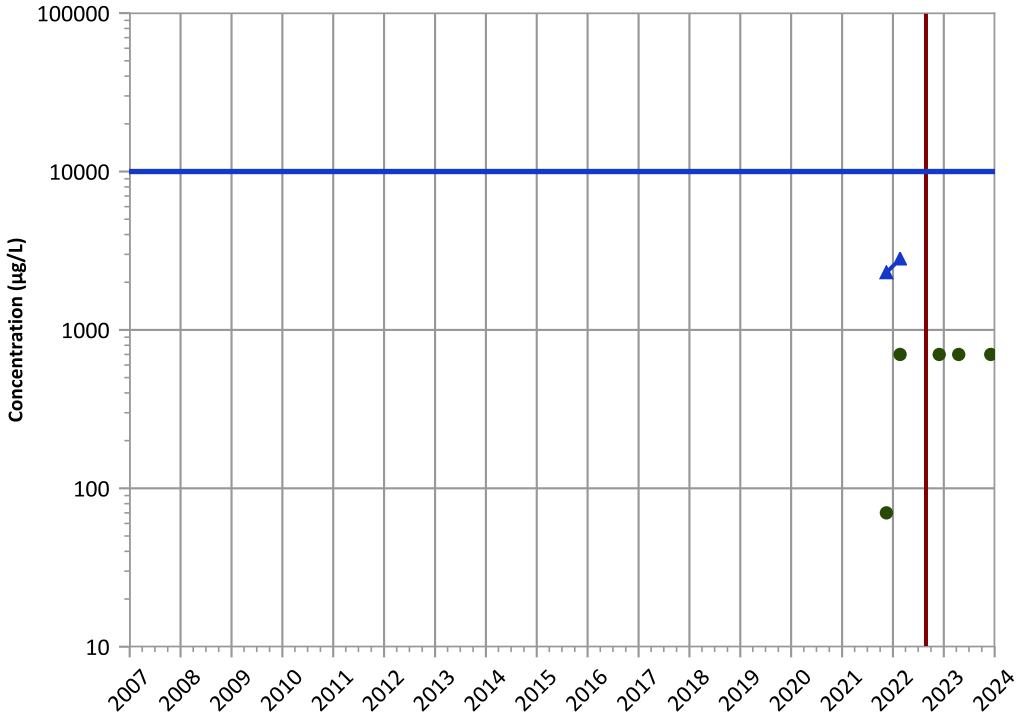


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Nitrate as N Trend



Concentration Trend

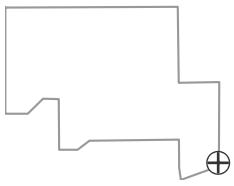
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

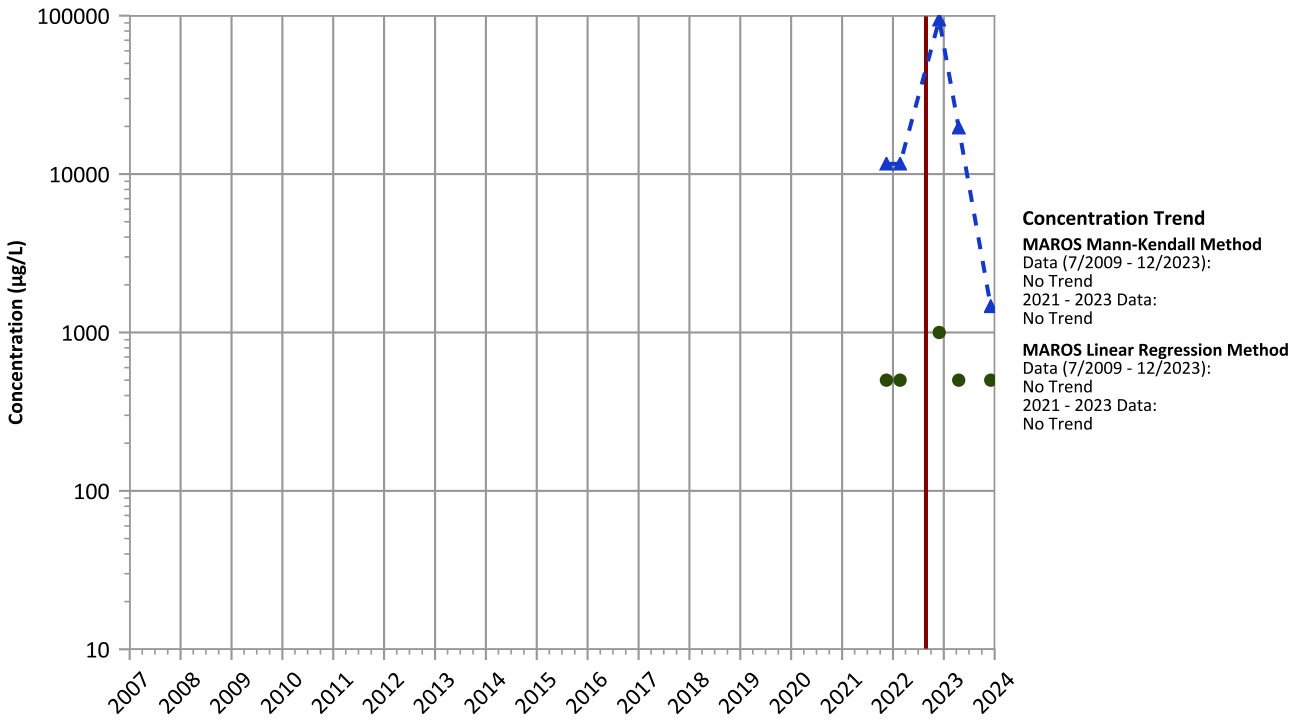
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

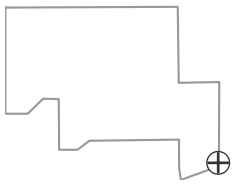
Sulfate (as SO4) Trend



Query Date Range: 01/01/1999 to 12/31/2023
Data Date Range: 11/15/2021 to 12/04/2023
Analysis Date: 04/01/2024

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

Well Location



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
PTX06-1012	634640.91	3755068.80	RDX	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	HMX	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNT	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT24	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT26	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT2A	11/14/1995	11/1/2023	77	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT4A	11/14/1995	11/1/2023	76	4	No	4.790612849	-1034.00	0.999998197	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	46	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNB135	11/14/1995	11/1/2023	77	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNB13	11/14/1995	11/1/2023	72	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	MNX	4/1/2009	11/1/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNX	4/1/2009	11/1/2023	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	46	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNX	4/1/2009	11/1/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	47	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DIOXANE14	8/1/2005	11/1/2023	59	52	No	0.765790512	1231.00	1	Increasing	4	4	No	3.713492622	6.00	0.958	Increasing	47	45	No	0.649664996	891.00	1	Increasing	16	16	No	0.272881999	52.00	0.99	Increasing
PTX06-1012	634640.91	3755068.80	PCE	11/14/1995	11/1/2023	73	15	No	0.524260492	607.00	0.998048991	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	47	15	No	0.293701583	144.00	0.905134423	Probably Increasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TCE	11/14/1995	11/1/2023	76	59	No	2.00053207	-130.00	0.718552591	No Trend	4	4	No	4.962275427	6.00	0.958	Increasing	46	46	No	1.513735955	-872.00	1	Decreasing	16	16	No	0.435412113	-96.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	DCE12C	11/14/1995	11/1/2023	73	53	No	1.157086931	1280.00	0.999999999	Increasing	4	4	No	4.850258545	4.00	0.833	No Trend	47	47	No	0.731943281	94.00	0.803129356	No Trend	16	16	No	0.510207526	-47.00	0.9815	Decreasing
PTX06-1012	634640.91	3755068.80	DCE12T	10/21/1996	11/1/2023	68	35	No	1.06939311	351.00	0.968036636	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	47	35	No	0.908004487	-285.00	0.995398354	Decreasing	16	13	No	0.768232107	-26.00	0.867	Stable
PTX06-1012	634640.91	3755068.80	DCA12	11/14/1995	11/1/2023	72	47	No	1.494888199	232.00	0.869270226	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	47	44	No	1.125996861	-851.00	1	Decreasing	16	15	No	0.418474935	-79.00	1	Decreasing
PTX06-1012	634640.91	3755068.80	TCLME	11/14/1995	11/1/2023	72	7	No	0.455448518	826.00	0.999969709	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	47	6	No	0.176186155	204.00	0.968670398	Increasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	VC	11/14/1995	11/1/2023	77	25	No	3.224103544	348.00	0.936521524	Probably Increasing	4	4	No	4.39373305	4.00	0.833	No Trend	47	25	No	2.801075219	52.00	0.679997971	No Trend	16	5	No	2.173269845	37.00	0.947	Probably Increasing
PTX06-1012	634640.91	3755068.80	PERC	10/23/2000	11/1/2023	68	19	No	1.904711997	-854.00	0.999996838	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	47	6	No	2.411294064	-579.00	0.999999942	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	B	11/14/1995	5/30/2023	66	66	No	0.548847424	1249.00	1	Increasing	4	4	No	3.945476958	0.00	0.375	No Trend	43	43	No	0.402471341	625.00	1	Increasing	14	14	No	0.110568373	32.00	0.955	Increasing
PTX06-1012	634640.91	3755068.80	CR	11/14/1995	5/30/2023	72	28	No	1.690129495	-208.00	0.842859105	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	AS	11/14/1995	11/1/2023	71	44	No	0.70396952	1381.00	1	Increasing	4	4	No	4.168074553	-4.00	0.833	No Trend	47	39	No	0.615179966	738.00	1	Increasing	16	15	No	0.352760527	89.00	1	Increasing
PTX06-1012	634640.91	3755068.80	BA	11/14/1995	11/1/2023	73	72	No	0.63313657	1717.00	1	Increasing	4	4	No	4.183076766	6.00	0.958	Increasing	47	47	No	0.446911781	515.00	0.999998783	Increasing	16	16	No	0.314068631	50.00	0.987	Increasing
PTX06-1012	634640.91	3755068.80	FE	11/14/1995	11/1/2023	73	61	No	1.468340645	470.00	0.987243188	Increasing	4	4	No	4.605171729	2.00	0.625	No Trend	47	37	No	1.098190925	512.00	0.999998608	Increasing	16	15	No	0.727982396	67.00	0.999	Increasing
PTX06-1012	634640.91	3755068.80	MN	11/14/1995	11/1/2023	72	61	No	2.747429215	355.00	0.957363832	Increasing	4	4	No	5.523258901	4.00	0.833	No Trend	47	47	No	2.704591759	288.00	0.995754809	Increasing	16	16	No	0.456668752	3.00	0.5355	No Trend
PTX06-1012	634640.91	3755068.80	MO	11/14/1995	5/30/2023	68	66	No	0.643644847	-313.00	0.95068595	Decreasing	4	4	No	4.072242512	-2.00	0.625	No Trend	43	42	No	0.618276761	71.00	0.768092511	No Trend	14	14	No	0.203429861	32.00	0.955	Increasing
PTX06-1012	634640.91	3755068.80	NI	11/14/1995	5/30/2023	67	34	No	2.433861641	-129.00	0.755743204	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	43	19	No	1.267807821	220.00	0.989045075	Increasing	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1012	634640.91	3755068.80	V	11/14/1995	5/30/2023	63	13	No	1.13373362	106.00	0.733280325	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TOC	11/14/1995	11/1/2023	65	57	No	1.581368144	779.00	0.9999947	Increasing	4	4	No	3.966988751	-4.00	0.833	No Trend	47	45	No	1.276039856	59.00	0.702597627	No Trend	16	16	No	0.343060467	45.00	0.9765	Increasing
PTX06-1012	634640.91	3755068.80	TVFA	9/8/2009	11/12/2019	39	38	No	1.995882892	-227.00	0.997	Decreasing	4	4	No	3.343496098	-6.00	0.958	Decreasing	39	38	No	1.995882892	-227.00	0.997	Decreasing	12	11	No	1.357127105	4.00	0.58	No Trend
PTX06-1037	641549.25	3752194.06	RDX	8/25/1998	9/12/2023	54	27	No	2.356682641	-959.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	18	No	3.550928773	-555.00	0.99999997	Decreasing	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	HMX	8/25/1998	9/12/2023	55	19	No	2.295788635	-666.00	0.999999309	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	45	13	No	2.736652059	-248.00	0.992158988	Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNT	8/25/1998	9/12/2023	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT24	8/25/1998	9/12/2023	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT26	8/25/1998	9/12/2023	56	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT2A	8/25/1998	9/12/2023	55	8	No	4.064843079	-522.00	0.999922282	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	45	4	No	1.766355002	-138.00	0.909906228	Probably Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT4A	8/25/1998	9/12/2023	55	10	No	2.16586725	-325.00	0.990665896	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNB135	8/25/1998	9/12/2023	56	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNB13	8/25/1998	9/12/2023	55	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	45	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	MNX	8/4/2009	9/12/2023	45	9	No	1.740929309	-590.00	0.999999996	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	45	9	No	1.740929309	-590.00	0.999999996	Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNX	8/4/2009	9/12/2023	44	11	No	1.720998043	-453.00	0.99999758	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	44	11	No	1.720998043	-453.00	0.99999758	Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNX	8/4/2009	9/12/2023	45	27	No	3.134351549	-683.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	45	27	No	3.134351549	-683.00	1	Decreasing	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	PCE	8/25/1998	9/12/2023	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCE	8/25/1998	9/12/2023	54	17	No	0.364126062	-453.00	0.999627015	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	43	9	No	0.254283954	-212.00	0.986384963	Decreasing	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCE12C	2/20/2002	9/12/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCE12T	2/20/2002	9/12/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCA12	8/25/1998	9/12/2023	53	5	No	0.276389816	-211.00	0.946393527	Probably Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCLME	8/25/1998	9/12/2023	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	VC	8/25/1998	9/12/2023	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	43	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	B	3/20/2001	2/22/2023	45	45	No	0.16673741	-323.00	0.999183388	Decreasing	4	4	No	3.248025229	-6.00	0.958	Decreasing	38	38	No	0.171022968	-144.00	0.964	Decreasing	9	9	No	0.207446936	6.00	0.694	No Trend
PTX06-1037	641549.25	3752194.06	CR	3/20/2001	9/12/2023	50	14	No	1.478943255	-421.00	0.999778662	Decreasing	4	4	No	5.49580252	-2.00	0.625	No Trend	42	6	No	1.115049649	-113.00	0.88758558	No Trend	11	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	CR-6	3/20/2001	9/12/2023	48	14	No	1.799740035	-832.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	40	6	No	0.773013469	-522.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	AS	3/20/2001	9/12/2023	49	49	No	1.247935394	645.00	0.999999986	Increasing	4	4	No	3.419779442	4.00	0.833	No Trend	42	42	No	1.133853908	360.00	0.999950006	Increasing	11	11	No	0.911071142	-34.00	0.996	Decreasing
PTX06-1037	641549.25	3752194.06	BA	3/20/2001	9/12/2023	50	50	No	0.640291078	971.00	1	Increasing	4	4	No	3.422262948	0.00	0.375	No Trend	42	42	No	0.490594883	653.00	1	Increasing	11	11	No	0.073622132	8.00	0.7025	No Trend
PTX06-1037	641549.25	3752194.06	FE	3/20/2001	9/12/2023	50	50	No	1.040873666	583.00	0.999999437	Increasing	4	4	No	3.878615529	4.00	0.833	No Trend	42	42	No	0.912334754	329.00	0.999810769	Increasing	11	11	No	0.604582061	-31.00	0.992	Decreasing
PTX06-1037	641549.25	3752194.06	MN	3/20/2001	9/12/2023	50	50	No	0.714294399	523.00	0.999993686	Increasing	4	4	No	3.533299989	4.00	0.833	No Trend	42	42	No	0.522288288	203.00	0.985707126	Increasing	11	11	No	0.258974626	-34.00	0.996	Decreasing
PTX06-1037	641549.25	3752194.06	MO	3/20/2001	2/22/2023	46	44	No	0.990552493	455.00	0.999991404	Increasing	4	4	No	3.266266639	-4.00	0.833	No Trend	38	36	No	0.976709934	284.00	1	Increasing	9	9	No	0.984015632	10.00	0.821	No Trend
PTX06-1037	641549.25	3752194.06	NI	3/20/2001	2/22/2023	46	42	No	1.029685077	315.00	0.998525476	Increasing	4	4	No	4.026231399	4.00	0.833	No Trend	38	37	No	0.997564597	201.00	0.994	Increasing	9	8	No	0.91901335	5.00	0.6565	No Trend
PTX06-1037	641549.25	3752194.06	V	3/20/2001	2/22/2023	44	23	No	1.055915915	-20.00	0.576195863	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	37	16	No	1.128846141	118.00	0.937	Probably Increasing	9	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	TOC	5/10/2004	9/12/2023	43	43	No	1.01662133	435.00	0.999997214	Increasing	4	4	No	3.610412819	4.00	0.833	No Trend	41	41	No	0.982329816	356.00	0.999966591	Increasing	10	10	No	0.461084759	-16.00	0.907	Probably Decreasing
PTX06-1037	641549.25	3752194.06	TVFA	8/4/2009	10/23/2019	35	34	No	2.367321143	-220.00	0.999	Decreasing	4	4	No	4.636890032	0.00	0.375	No Trend	35	34	No	2.367321143	-220.00	0.999	Decreasing	8	8	No	1.24792713	-9.00	0.8315	No Trend
PTX06-1045	642697.65	3752300.00	RDX	9/12/2000	2/28/2023	22	22	No	0.681056128	-27.00	0.766	Stable	4	4	No	2.760194144	-4.00	0.833	No Trend	8	8	No	1.682210131	-24.00	0.999	Decreasing	4	4	No	0.919191641	-6.00	0.958	Decreasing
PTX06-1045	642697.65	3752300.00	HMX	9/12/2000	2/28/2023	21	16	No	1.257485363	-13.00	0.64	No Trend	4	4	No	2.63757425	-6.00	0.958	Decreasing	8	8	No	1.700275123	-26.00	1	Decreasing	4	4	No	0.719258787	-6.00	0.958	Decreasing
PTX06-1045	642697.65	3752300.00	TNT	9/12/2000	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT24	9/12/2000	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT26	9/12/2000	2/28/2023	22	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT2A	9/12/2000	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT4A	9/12/2000	2/28/2023	21	12	No	1.221951299	-33.00	0.8305	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	TNB135	9/12/2000	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNB13	9/12/2000	2/28/2023	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	MNX	8/3/2009	2/28/2023	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNX	8/3/2009	2/28/2023	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	TNX	8/3/2009	2/28/2023	8	8	No	1.699887239	-26.00	1	Decreasing	4	4	No	1.522471464	-4.00	0.833	No Trend	8	8	No	1.699887239	-26.00	1	Decreasing	4	4	No	0.821780291	-6.00	0.958	Decreasing
PTX06-1045	642697.65	3752300.00	PCE	9/12/2000	2/28/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	TCE	9/12/2000	2/28/2023	22	6	No	0.762623164	-11.00	0.61	Stable	4	0	Yes	0	0.00	0	All Non-Detect	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	DCE12C	10/24/2001	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DCE12T	10/24/2001	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DCA12	9/12/2000	2/28/2023	21	9	No	0.853444197	-66.00	0.976	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	TCLME	9/12/2000	2/28/2023	20	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	VC	9/12/2000	2/28/2023	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	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	B	9/12/2000	2/28/2023	21	21	No	0.568658004	-20.00	0.715	Stable	4	4	No	2.073858755	-4.00	0.833	No Trend	8	8	No	1.022796863	-26.00	1	Decreasing	4	4	No	0.384389258	-6.00	0.958	Decreasing
PTX06-1045	642697.65	3752300.00	CR	9/12/2000	2/28/2023	22	18	No	1.446860405	25.00	0.748	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	4	No	0.796248779	-21.00	0.9955	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	CR-6	9/12/2000	2/28/2023	21	10	No	0.582665332	-81.00	0.9925	Decreasing	4	4	No	2.372911506	-2.00	0.625	No Trend	8	6	No	1.036957659	-21.00	0.9955	Decreasing	4	4	No	0.374868849	-4.00	0.833	Stable
PTX06-1045	642697.65	3752300.00	AS	9/12/2000	2/28/2023	21	16	No	0.650218936	-64.00	0.972	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	4	No	0.727281482	-21.00	0.9955	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	BA	9/12/2000	2/28/2023	22	22	No	0.418485909	63.00	0.96	Increasing	4	4	No	2.317500151	-2.00	0.625	No Trend	8	8	No	0.419083486	-2.00	0.548	Stable	4	4	No	0.262266339	-6.00	0.958	Decreasing
PTX06-1045	642697.65	3752300.00	FE	9/12/2000	2/28/2023	22	21	No	1.858675494	-23.00	0.73	No Trend	4	4	No	2.770484808	0.00	0.375	No Trend	8	8	No	0.771694681	0.00	0.452	Stable	4	4	No	0.299766017	2.00	0.625	No Trend
PTX06-1045	642697.65	3752300.00	MN	9/12/2000	2/28/2023	22	21	No	1.835522334	-31.00	0.799	No Trend	4	4	No	2.290040012	0.00	0.375	No Trend	8	7	No	0.408938779	-6.00	0.726	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	MO	9/12/2000	2/28/2023	21	20	No	0.934563173	-4.00	0.536	Stable	4	4	No	2.519851778	-2.00	0.625	No Trend	8	7	No	1.154479955	-18.00	0.984	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	NI	9/12/2000	2/28/2023	21	10	No	1.011614339	1.00	0.5	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	4	No	0.55659704	-13.00	0.9285	Probably Decreasing	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	V	9/12/2000	2/28/2023	19	19	No	0.44005959	-40.00	0.9125	Probably Decreasing	4	4	No	1.973151817	-2.00	0.625	No Trend	8	8	No	0.635531622	-21.00	0.9955	Decreasing	4	4	No	0.106987896	-1.00	0.5	Stable
PTX06-1045	642697.65	3752300.00	TOC	9/12/2000	2/28/2023	18	18	No	0.750345858	3.00	0.53	No Trend	4	4	No	2.576697537	0.00	0.375	No Trend	8	8	No	0.893906599	10.00	0.862	No Trend	4	4	No	0.210850732	4.00	0.833	No Trend
PTX06-1045	642697.65	3752300.00	TVFA	8/3/2009	10/22/2019	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1098	640266.14	3753628.43	RDX	3/8/2007	3/6/2023	27	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	HMX	3/8/2007	3/6/2023	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNT	3/8/2007	3/6/2023	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT24	3/8/2007	3/6/2023	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT26	3/8/2007	3/6/2023	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT2A	5/17/2007	3/6/2023	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT4A	3/8/2007	3/6/2023	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNB135	3/8/2007	3/6/2023	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNB13	5/6/2008	3/6/2023	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	MNX	3/8/2007	3/6/2023	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNX	3/8/2007	3/6/2023	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNX	3/8/2007	3/6/2023	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	PCE	5/6/2008	3/6/2023	24	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	23	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	TCE	3/8/2007	3/6/2023	29	18	No	0.444265834	94.00	0.959	Increasing	4	4	No	2.710421705	-4.00	0.833	No Trend	24	14	No	0.432288107	169.00	1	Increasing	8	8	No	0.298370537	17.00	0.9765	Increasing
PTX06-1098	640266.14	3753628.43	DCE12C	3/8/2007	3/6/2023	29	29	No	0.675359055	-92.00	0.956	Decreasing	4	4	No	2.79270418	-4.00	0.833	No Trend	24	24	No	0.633838982	-156.00	1	Decreasing	8	8	No	0.327848423	-20.00	0.993	Decreasing
PTX06-1098	640266.14	3753628.43	DCE12T	3/8/2007	3/6/2023	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DCA12	5/6/2008	3/6/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TCLME	5/6/2008	3/6/2023	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	VC	3/8/2007	3/6/2023	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	B	3/8/2007	3/6/2023	29	29	No	0.454979337	-293.00	1	Decreasing	4	4	No	2.518055138	-6.00	0.958	Decreasing	24	24	No	0.349694173	-181.00	1	Decreasing	8	8	No	0.154073929	-3.00	0.594	Stable
PTX06-1098	640266.14	3753628.43	CR	3/8/2007	3/6/2023	29	4	No	1.338212158	12.00	0.581	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	4	No	1.253290758	19.00	0.671	No Trend	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	CR-6	3/8/2007	3/6/2023	27	10	No	1.859967944	-172.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	23	9	No	1.20793723	-169.00	1	Decreasing	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	AS	3/8/2007	3/6/2023	29	29	No	0.565269007	-72.00	0.908	Probably Decreasing	4	4	No	2.660434083	-6.00	0.958	Decreasing	24	24	No	0.490361464	30.00	0.762	No Trend	8	8	No	0.237231045	0.00	0.452	Stable
PTX06-1098	640266.14	3753628.43	BA	3/8/2007	3/6/2023	29	29	No	0.558934253	-349.00	1	Decreasing	4	4	No	2.816297402	-6.00	0.958	Decreasing	24	24	No	0.571632262	-261.00	1	Decreasing	8	8	No	0.357304541	-22.00	0.998	Decreasing
PTX06-1098	640266.14	3753628.43	FE	3/8/2007	3/6/2023	29	29	No	1.576949092	-351.00	1	Decreasing	4	4	No	3.109231768	-6.00	0.958	Decreasing	24	24	No	1.490183237	-221.00	1	Decreasing	8	8	No	0.417039989	-15.00	0.9575	Decreasing
PTX06-1098	640266.14	3753628.43	MN	3/8/2007	3/6/2023	29	29	No	2.552894849	-177.00	1	Decreasing	4	4	No	2.553178538	4.00	0.833	No Trend	24	24	No	0.351673386	-47.00	0.8715	Stable	8	8	No	0.119479922	1.00	0.5	No Trend
PTX06-1098	640266.14	3753628.43	MO	5/6/2008	3/6/2023	25	24	No	0.475965014	10.00	0.582	No Trend	4	4	No	2.32358278	-2.00	0.625	No Trend	24	23	No	0.467757931	-14.00	0.625	Stable	8	8	No	0.209474917	-13.00	0.9285	Probably Decreasing
PTX06-1098	640266.14	3753628.43	NI	3/8/2007	3/6/2023	29	26	No	0.994326782	-92.00	0.956	Decreasing	4	4	No	3.876598075	-4.00	0.833	No Trend	24	21	No	1.162829947	-2.00	0.51	No Trend	8	6	No	1.033995065	7.00	0.7635	No Trend
PTX06-1098	640266.14	3753628.43	TOC	3/8/2007	3/6/2023	29	29	No	2.761686144	-198.00	1	Decreasing	4	4	No	2.549511178	4.00	0.833	No Trend	24	24	No	1.158290159	-70.00	0.956	Decreasing	8	8	No	0.155761604	3.00	0.594	No Trend
PTX06-1098	640266.14	3753628.43	TVFA	3/8/2007	10/22/2019	25	24	No	2.950079611	-216.00	1	Decreasing	4	4	No	2.383812424	2.00	0.625	No Trend	20	19	No	3.220291543	-108.00	1	Decreasing	6	6	No	1.161352517	-3.00	0.64	No Trend
PTX06-1101	640383.57	3753437.09	RDX	5/14/2007	3/7/2023	19	11	No	1.194635113	128.00	1	Increasing	4	4	No	1.963601651	4.00	0.833	No Trend	15	10	No	0.960545271	93.00	1	Increasing	5	5	No	0.338261843	6.00	0.883	No Trend
PTX06-1101	640383.57	3753437.09	HMX	3/6/2007	3/7/2023	19	13	No	0.989906476	81.00	0.998	Increasing	4	4	No	2.03192982	-6.00	0.958	Decreasing	14	11	No	0.854003321	62.00	1	Increasing	5	5	No	0.193977619	4.00	0.758	No Trend
PTX06-1101	640383.57	3753437.09	TNT	3/6/2007	3/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT24	3/6/2007	3/7/2023	20	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect

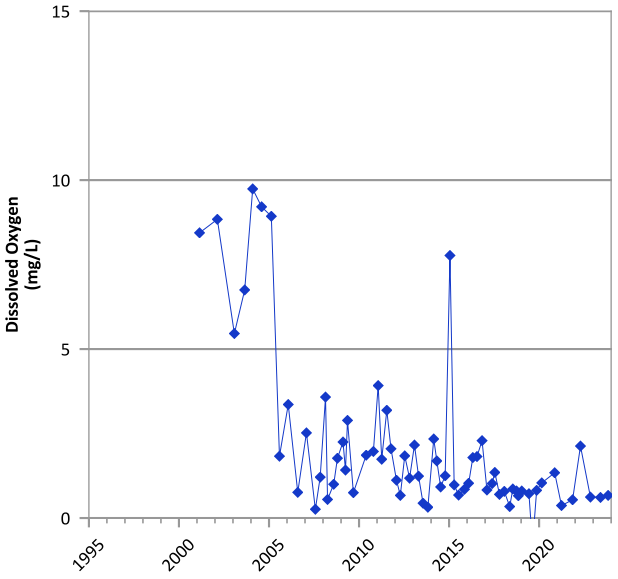
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1101	640383.57	3753437.09	DNT26	3/6/2007	3/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT2A	3/6/2007	3/7/2023	20	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT4A	3/6/2007	3/7/2023	20	4	No	0.779962925	72.00	0.99	Increasing	4	4	No	2.628124156	6.00	0.958	Increasing	15	4	No	0.770912256	32.00	0.9365	Probably Increasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TNB135	3/6/2007	3/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNB13	5/5/2008	3/7/2023	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	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	MNX	3/6/2007	3/7/2023	20	11	No	0.991078537	106.00	1	Increasing	4	4	No	2.084394881	-2.00	0.625	No Trend	15	10	No	0.875658686	69.00	1	Increasing	5	5	No	0.369097131	6.00	0.883	No Trend
PTX06-1101	640383.57	3753437.09	DNX	3/6/2007	3/7/2023	20	8	No	0.871346115	-24.00	0.77	Stable	4	4	No	2.426111971	-2.00	0.625	No Trend	15	7	No	0.923208037	-33.00	0.943	Probably Decreasing	5	5	No	0.446534375	0.00	0.408	Stable
PTX06-1101	640383.57	3753437.09	TNX	3/6/2007	3/7/2023	19	5	No	1.001869051	-65.00	0.988	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	PCE	5/5/2008	3/7/2023	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TCE	3/6/2007	3/7/2023	20	15	No	0.70969433	43.00	0.9125	Probably Increasing	4	4	No	2.064773748	-6.00	0.958	Decreasing	15	14	No	0.70151563	28.00	0.9075	Probably Increasing	5	5	No	0.342334323	-6.00	0.883	Stable
PTX06-1101	640383.57	3753437.09	DCE12C	3/6/2007	3/7/2023	20	15	No	0.706744143	-67.00	0.9845	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	15	10	No	0.820151835	-38.00	0.967	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	DCE12T	3/6/2007	3/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DCA12	5/5/2008	3/7/2023	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	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	5/5/2008	3/7/2023	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	VC	3/6/2007	3/7/2023	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	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	B	3/6/2007	3/7/2023	20	19	No	0.414353132	-117.00	1	Decreasing	4	4	No	2.001487509	-2.00	0.625	No Trend	15	14	No	0.438858382	-54.00	0.9965	Decreasing	5	5	No	0.04552696	-7.00	0.9205	Probably Decreasing
PTX06-1101	640383.57	3753437.09	CR	3/6/2007	3/7/2023	20	4	No	1.521481794	-51.00	0.9475	Probably Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	4	No	0.35728614	-24.00	0.8695	Stable	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	CR-6	3/6/2007	3/7/2023	18	9	No	2.35194055	-35.00	0.9	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	8	No	0.819877757	-43.00	0.982	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	AS	3/6/2007	3/7/2023	20	20	No	0.485151644	-88.00	0.998	Decreasing	4	4	No	2.068597623	-2.00	0.625	No Trend	15	15	No	0.496361197	-49.00	0.992	Decreasing	5	5	No	0.417515081	0.00	0.408	Stable
PTX06-1101	640383.57	3753437.09	BA	3/6/2007	3/7/2023	20	20	No	0.954413788	-124.00	1	Decreasing	4	4	No	2.222717394	-5.00	0.8955	No Trend	15	15	No	0.990167964	-75.00	1	Decreasing	5	5	No	0.448109909	-10.00	0.992	Decreasing
PTX06-1101	640383.57	3753437.09	FE	3/6/2007	3/7/2023	20	19	No	1.090738078	-104.00	1	Decreasing	4	4	No	2.19980306	2.00	0.625	No Trend	15	14	No	1.149822614	-45.00	0.986	Decreasing	5	5	No	0.510306411	0.00	0.408	Stable
PTX06-1101	640383.57	3753437.09	MN	3/6/2007	3/7/2023	20	20	No	0.853645518	-143.00	1	Decreasing	4	4	No	2.323971089	-2.00	0.625	No Trend	15	15	No	0.849294577	-66.00	1	Decreasing	5	5	No	0.132532232	1.00	0.5	No Trend
PTX06-1101	640383.57	3753437.09	MO	5/5/2008	3/7/2023	16	15	No	0.413002201	28.00	0.886	No Trend	4	4	No	1.760103206	-4.00	0.833	No Trend	15	14	No	0.419516065	26.00	0.8895	No Trend	5	5	No	0.123949634	-5.00	0.8205	Stable
PTX06-1101	640383.57	3753437.09	NI	3/6/2007	3/7/2023	20	14	No	1.351679595	-3.00	0.5255	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	10	No	0.571834484	30.00	0.923	Probably Increasing	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	TOC	3/6/2007	3/7/2023	20	18	No	1.398025157	-84.00	0.997	Decreasing	4	4	No	3.765144481	-2.00	0.625	No Trend	15	13	No	1.337062452	-31.00	0.93	Probably Decreasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TVFA	3/6/2007	8/19/2019	16	16	No	2.075331013	-44.00	0.974	Decreasing	4	4	No	1.997248677	-2.00	0.625	No Trend	11	11	No	0.430959088	-1.00	0.5	Stable	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1123	642051.96	3752319.94	TVFA	8/15/2007	8/5/2015	27	27	No	1.303284475	-22.00	0.6675	No Trend	4	4	No	3.08650607	-4.00	0.833	No Trend	22	22	No	1.383222975	-16.00	0.662	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1148	636467.02	3754719.67	RDX	8/30/2008	11/7/2023	43	14	No	0.965165645	-347.00	0.999853287	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	12	No	0.728304661	-264.00	0.998431579	Decreasing	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	HMX	8/30/2008	11/7/2023	43	14	No	0.769032714	-365.00	0.999930351	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	41	12	No	0.745174899	-294.00	0.999500766	Decreasing	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	TNT	9/10/2008	11/7/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT26	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT4A	8/30/2008	11/7/2023	43	6	No	1.056167728	-49.00	0.692285877	No Trend	4	4	No	3.68809859	2.00	0.625	No Trend	41	6	No	1.088360863	9.00	0.53579898	No Trend	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	TNB135	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	MNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	DNX	8/26/2009	11/7/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	40	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	TNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	11/7/2023	41	22	No	1.365621651	527.00	0.999999998	Increasing	4	4	No	3.100466457	6.00	0.958	Increasing	41	22	No	1.365621651	527.00	0.999999998	Increasing	16	14	No	0.828351646	86.00	1	Increasing
PTX06-1148	636467.02	3754719.67	PCE	8/30/2008	11/7/2023	43	11	No	0.523640986	238.00	0.993436492	Increasing	4	4	No	3.384305001	6.00	0.958	Increasing	41	11	No	0.505446247	174.00	0.973999489	Increasing	16	7	No	0.262727091	-66.00	0.999	Decreasing
PTX06-1148	636467.02	3754719.67	TCE	8/30/2008	11/7/2023	43	40	No	2.457674309	431.00	0.999996604	Increasing	4	4	No	3.814881318	6.00	0.958	Increasing	41	40	No	2.400271906	359.00	0.999971028	Increasing	16	16	No	0.710447686	84.00	1	Increasing
PTX06-1148	636467.02	3754719.67	DCE12C	8/30/2008	11/7/2023	43	11	No	0.647878735	220.00	0.989045075	Increasing	4	4	No	3.804750253	6.00	0.958	Increasing	41	11	No	0.622891923	160.00	0.962940506	Increasing	16	7	No	0.563049324	-58.00	0.996	Decreasing
PTX06-1148	636467.02	3754719.67	DCE12T	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	9	No	0.601546592	274.00	0.997862074	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	9	No	0.582483501	210.00	0.990549431	Increasing	16	6	No	0.163651735	-29.00	0.8945	Stable
PTX06-1148	636467.02	3754719.67	TCLME	8/30/2008	11/7/2023	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	VC	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	44	42	No	0.99798619	-526.00	0.999999945	Decreasing	4	4	No	3.675317677	2.00	0.625	No Trend	42	40	No	0.962690506	-569.00	1	Decreasing	17	15	No	1.213663739	-100.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	B	8/26/2009	6/13/2023	37	37	No	0.195996424	235.00	0.999	Increasing	4	4	No	2.879445534	-5.00	0.8955	No Trend	37	37	No	0.195996424	235.00	0.999	Increasing	14	14	No	0.112658127	-2.00	0.5215	Stable
PTX06-1148	636467.02	3754719.67	CR	8/30/2008	6/13/2023	30	29	No	1.42019167	-2.00	0.507	No Trend	4	4	No	3.444143041	-4.00	0.833	No Trend	28	27	No	1.456785211	-1.00	0.5	No Trend	14	13	No	1.500129455	-2.00	0.5215	No Trend
PTX06-1148	636467.02	3754719.67	AS	1/23/2014	11/7/2023	32	15	No	0.367282498	20.00	0.62	No Trend	4	4	No	2.899725874	4.00	0.833	No Trend	32	15	No	0.367282498	20.00	0.62	No Trend	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	BA	8/30/2008	11/7/2023	36	36	No	0.357659147	292.00	1	Increasing	4	4	No	2.845004305	2.00	0.625	No Trend	34	34	No	0.34217881	297.00	1	Increasing	16	16	No	0.165090954	-34.00	0.93	Probably Decreasing
PTX06-1148	636467.02	3754719.67	FE	8/30/2008	11/7/2023	36	36	No	2.569719817	-280.00	1	Decreasing	4	4	No	3.531739595	0.00	0.375	No Trend	34	34	No	0.711982503	-227.00	1	Decreasing	16	16	No	0.728150173	-25.00	0.857	Stable
PTX06-1148	636467.02	3754719.67	MN	8/30/2008	11/7/2023	36	36	No	1.371972199	279.00	1	Increasing	4	4	No	3.182733365	6.00	0.958	Increasing	34	34	No	1.006104447	316.00	1	Increasing	16	16	No	0.528167438	0.00	0.482	Stable
PTX06-1148	636467.02	3754719.67	MO	8/30/2008	6/13/2023	30	30	No	0.513526837	-211.00	1	Decreasing	4	4	No	2.930442081	-2.00	0.625	No Trend	28	28	No	0.499264978	-247.00	1	Decreasing	14	14	No	0.466506343	-38.00	0.979	Decreasing
PTX06-1148	636467.02	3754719.67	NI	8/30/2008	6/13/2023	30	30	No	0.999173108	-270.00	1	Decreasing	4	4	No	2.919546784	-2.00	0.625	No Trend	28	28	No	0.941608715	-309.00	1	Decreasing	14	14	No	0.973146725	-81.00	1	Decreasing
PTX06-1148	636467.02	3754719.67	V	8/30/2008	6/13/2023	30	30	No	0.836636391	-179.00	0.999	Decreasing	4	4	No	2.633948995	-4.00	0.833	No Trend	28	28	No	0.24623837	-124.00	0.993	Decreasing	14	14	No	0.259983748	-34.00	0.9645	Decreasing
PTX06-1148	636467.02	3754719.67	TOC	8/30/2008	11/7/2023	35	35	No	0.660629568	239.00	1	Increasing	4	4	No	2.804652068	4.00	0.833	No Trend	33	33	No	0.6342752	192.00	0.999	Increasing	16	16	No	0.352786603	-2.00	0.518	Stable
PTX06-1148	636467.02	3754719.67	TVFA	5/1/2013	11/5/2019	25	24	No	1.436411829	-174.00	1	Decreasing	4	4	No	3.05333467	0.00	0.375	No Trend	25	24	No	1.436411829	-174.00	1	Decreasing	12	11	No	1.477957652	-12.00	0.77	No Trend
PTX06-1149	635864.13	3754717.64	RDX	8/30/2008	11/7/2023	43	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	HMX	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	9/10/2008	11/7/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	6/13/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	40	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	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNB135	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	MNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	DNX	8/26/2009	11/7/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	40	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	TNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	11/7/2023	41	17	No	1.591623765	563.00	1	Increasing	4	4	No	3.083951189	2.00	0.625	No Trend	41	17	No	1.591623765	563.00	1	Increasing	16	10	No	0.965553007	89.00	1	Increasing
PTX06-1149	635864.13	3754717.64	PCE	8/30/2008	11/7/2023	43	6	No	0.772895495	201.00	0.981829176	Increasing	4	4	No	3.459155652	6.00	0.958	Increasing	41	6	No	0.754762938	141.00	0.942079359	Probably Increasing	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	TCE	8/30/2008	11/7/2023	43	18	No	2.829466553	626.00	1	Increasing	4	4	No	3.458638771	6.00	0.958	Increasing	41	18	No	2.758307358	566.00	1	Increasing	16	12	No	1.693110222	89.00	1	Increasing
PTX06-1149	635864.13	3754717.64	DCE12C	8/30/2008	11/7/2023	43	11	No	0.811065787	357.00	0.999902609	Increasing	4	4	No	3.251462017	4.00	0.833	No Trend	41	11	No	0.782816851	293.00	0.99948046	Increasing	16	7	No	0.392680027	-39.00	0.9565	Decreasing
PTX06-1149	635864.13	3754717.64	DCE12T	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	9	No	0.586634844	295.00	0.99895394	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	9	No	0.567990936	231.00	0.99510764	Increasing	16	6	No	0.283775337	-24.00	0.847	Stable
PTX06-1149	635864.13	3754717.64	TCLME	8/30/2008	11/7/2023	43	10	No	0.930741741	358.00	0.999906572	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	10	No	0.910717503	306.00	0.999693438	Increasing	16	7	No	0.477094561	-6.00	0.588	Stable
PTX06-1149	635864.13	3754717.64	VC	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	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	8/30/2008	11/7/2023	43	19	No	2.32155955	120.00	0.893504875	No Trend	4	4	No	3.191703363	4.00	0.833	No Trend	41	19	No	2.270194334	88.00	0.835759634	No Trend	16	7	No	1.240392214	62.00	0.998	Increasing
PTX06-1149	635864.13	3754717.64	B	8/26/2009	6/13/2023	37	37	No	0.324634913	41.00	0.6985	No Trend	4	4	No	2.883704231	-1.00	0.5	No Trend	37	37	No	0.324634913	41.00	0.6985	No Trend	14	14	No	0.258461626	-55.00	0.999	Decreasing
PTX06-1149	635864.13	3754717.64	CR	8/30/2008	6/13/2023	30	4	No	2.341748835	-95.00	0.953	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	AS	1/23/2014	11/7/2023	32	31	No	0.459061928	-145.00	0.9905	Decreasing	4	4	No	2.6805975	0.00	0.375	No Trend	32	31	No	0.459061928	-145.00	0.9905	Decreasing	16	15	No	0.525313749	-60.00	0.997	Decreasing
PTX06-1149	635864.13	3754717.64	BA	8/30/2008	11/7/2023	36	36	No	0.50408302	-118.00	0.944	Probably Decreasing	4	4	No	2.833792602	-6.00	0.958	Decreasing	34	34	No	0.482120926	-165.00	0.993	Decreasing	16	16	No	0.508035235	-73.00	1	Decreasing
PTX06-1149	635864.13	3754717.64	FE	8/30/2008	11/7/2023	36	36	No	1.227216816	-376.00	1	Decreasing	4	4	No	3.121402591	2.00	0.625	No Trend	34	34	No	1.178589531	-351.00	1	Decreasing	16	16	No	0.929076383	-98.00	1	Decreasing
PTX06-1149	635864.13	3754717.64	MN	8/30/2008	11/7/2023	36	36	No	0.65291511	-153.00	0.981	Decreasing	4	4	No	2.841976421	-6.00	0.958	Decreasing	34	34	No	0.605777496	-208.00	0.999	Decreasing	16	16	No	0.412102728	-71.00	0.9995	Decreasing
PTX06-1149	635864.13	3754717.64	MO	8/30/2008	6/13/2023	30	28	No	0.706706848	-133.00	0.991	Decreasing	4	4	No	2.56525009	6.00	0.958	Increasing	28	26	No	0.734368397	-106.00	0.981	Decreasing	14	12	No	1.029288766	29.00	0.937	Probably Increasing
PTX06-1149	635864.13	3754717.64	NI	8/30/2008	6/13/2023	30	15	No	2.381959812	-45.00	0.782	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	13	No	2.594449077	10.00	0.57	No Trend	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	V	8/30/2008	6/13/2023	30	7	No	1.213051471	-55.00	0.831	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	5	No	0.41756098	2.00	0.508	No Trend	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	TOC	8/30/2008	11/7/2023	35	34	No	2.71528915	-268.00	1	Decreasing	4	4	No	2.921108899	2.00	0.625	No Trend	33	32	No	2.680136389	-251.00	1	Decreasing	16	15	No	0.911595263	-95.00	1	Decreasing
PTX06-1149	635864.13	3754717.64	TVFA	5/1/2013	11/5/2019	25	25	No	2.617606539	-180.00	1	Decreasing	4	4	No	2.411184824	-2.00	0.625	No Trend	25	25	No	2.617606539	-180.00	1	Decreasing	12	12	No	0.741445106	-36.00	0.993	Decreasing
PTX06-1150	635233.98	3754718.24	RDX	8/30/2008	11/7/2023	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	41	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	HMX	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNT	9/10/2008	11/7/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT24	8/30/2008	6/13/2023	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	40	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT26	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT2A	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT4A	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNB135	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNB13	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	MNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNX	8/26/2009	11/7/2023	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	40	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNX	8/26/2009	11/7/2023	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DIOXANE14	8/26/2009	11/7/2023	41	15	No	1.136022535	440.00	0.999999591	Increasing	4	4	No	3.171059494	6.00	0.958	Increasing	41	15	No	1.136022535	440.00	0.999999591	Increasing	16	11	No	0.517158981	53.00	0.991	Increasing
PTX06-1150	635233.98	3754718.24	PCE	8/30/2008	11/7/2023	43	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TCE	8/30/2008	11/7/2023	43	39	No	1.836688034	796.00	1	Increasing	4	4	No	3.530346169	6.00	0.958	Increasing	41	39	No	1.785943528	722.00	1	Increasing	16	16	No	0.557265031	84.00	1	Increasing
PTX06-1150	635233.98	3754718.24	DCE12C	8/30/2008	11/7/2023	43	19	No	0.754452834	117.00	0.887623996	No Trend	4	4	No	3.492153574	6.00	0.958	Increasing	41	19	No	0.737723584	93.00	0.849277197	No Trend	16	9	No	0.718769774	-33.00	0.9235	Probably Decreasing
PTX06-1150	635233.98	3754718.24	DCE12T	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DCA12	8/30/2008	11/7/2023	43	20	No	0.703066894	393.00	0.99997956	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	20	No	0.69424638	329.00	0.999885233	Increasing	16	11	No	0.311595016	25.00	0.857	No Trend
PTX06-1150	635233.98	3754718.24	TCLME	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	VC	8/30/2008	11/7/2023	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	41	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	PERC	8/30/2008	11/7/2023	43	42	No	0.978228937	-589.00	1	Decreasing	4	4	No	3.707925586	-6.00	0.958	Decreasing	41	41	No	0.937506381	-658.00	1	Decreasing	16	16	No	0.539040824	-101.00	1	Decreasing
PTX06-1150	635233.98	3754718.24	B	8/26/2009	6/13/2023	37	37	No	0.230858174	312.00	1	Increasing	4	4	No	2.903918768	6.00	0.958	Increasing	37	37	No	0.230858174	312.00	1	Increasing	14	14	No	0.155452909	8.00	0.646	No Trend
PTX06-1150	635233.98	3754718.24	CR	8/30/2008	6/13/2023	30	27	No	0.857178442	-67.00	0.879	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	25	No	0.854779878	-62.00	0.885	Stable	14	11	No	0.929676354	-6.00	0.6055	Stable
PTX06-1150	635233.98	3754718.24	AS	1/27/2014	11/7/2023	32	18	No	1.991776512	-63.00	0.841	No Trend	4	4	No	2.684820354	2.00	0.625	No Trend	32	18	No	1.991776512	-63.00	0.841	No Trend	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1150	635233.98	3754718.24	BA	8/30/2008	11/7/2023	36	36	No	0.546701847	364.00	1	Increasing	4	4	No	2.843566249	4.00	0.833	No Trend	34	34	No	0.495685396	409.00	1	Increasing	16	16	No	0.470917538	51.00	0.9885	Increasing
PTX06-1150	635233.98	3754718.24	FE	8/30/2008	11/7/2023	36	36	No	3.225030734	-256.00	1	Decreasing	4	4	No	3.86527076	2.00	0.625	No Trend	34	34	No	1.050886834	-189.00	0.998	Decreasing	16	16	No	1.372687092	-10.00	0.655	No Trend
PTX06-1150	635233.98	3754718.24	MN	8/30/2008	11/7/2023	36	35	No	3.278020838	41.00	0.7055	No Trend	4	4	No	3.244205103	6.00	0.958	Increasing	34	33	No	3.76078873	102.00	0.932	Probably Increasing	16	15	No	2.747037667	37.00	0.947	Probably Increasing
PTX06-1150	635233.98	3754718.24	MO	8/30/2008	6/13/2023	30	29	No	0.458999486	-69.00	0.886	Stable	4	4	No	2.746081669	4.00	0.833	No Trend	28	27	No	0.413758631	-118.00	0.99	Decreasing	14	13	No	0.475858878	-49.00	0.997	Decreasing
PTX06-1150	635233.98	3754718.24	NI	8/30/2008	6/13/2023	30	28	No	0.768540338	11.00	0.57	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	26	No	0.72636872	-36.00	0.754	Stable	14	12	No	0.602123326	-37.00	0.976	Decreasing
PTX06-1150	635233.98	3754718.24	V	8/30/2008	6/13/2023	30	28	No	0.858806115	-189.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	28	26	No	0.226381132	-132.00	0.996	Decreasing	14	12	No	0.255046123	-13.00	0.741	Stable
PTX06-1150	635233.98	3754718.24	TOC	8/30/2008	11/7/2023	35	27	No	0.784373348	221.00	0.999	Increasing	4	4	No	3.031387553	6.00	0.958	Increasing	33	25	No	0.796649918	228.00	1	Increasing	16	14	No	0.376588201	31.00	0.91	Probably Increasing
PTX06-1150	635233.98	3754718.24	TVFA	5/1/2013	11/5/2019	25	25	No	1.781176632	-118.00	0.997	Decreasing	4	4	No	2.556164596	-4.00	0.833	No Trend	25	25	No	1.781176632	-118.00	0.997	Decreasing	12	12	No	0.679675178	-28.00	0.969	Decreasing
PTX06-1153	641184.13	3752089.44	RDX	10/27/2009	9/12/2023	56	56	No	0.46594128	386.00	0.996745771	Increasing	4	4	No	3.746661034	-6.00	0.958	Decreasing	56	56	No	0.46594128	386.00	0.996745771	Increasing	23	23	No	0.477039846	57.00	0.93	Probably Increasing
PTX06-1153	641184.13	3752089.44	HMX	10/27/2009	9/12/2023	56	56	No	0.35917985	385.00	0.996675524	Increasing	4	4	No	3.635262307	-6.00	0.958	Decreasing	56	56	No	0.35917985	385.00	0.996675524	Increasing	23	23	No	0.31546324	83.00	0.985	Increasing
PTX06-1153	641184.13	3752089.44	TNT	10/27/2009	9/12/2023	55	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	55	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DNT24	10/27/2009	9/12/2023	56	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	56	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DNT26	10/27/2009	9/12/2023	56	5	No	3.219617033	-159.00	0.867932386	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	56	5	No	3.219617033	-159.00	0.867932386	No Trend	23	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNT2A	10/27/2009	9/12/2023	56	51	No	1.655710481	-262.00	0.967454064	Decreasing	4	4	No	3.687813732	-6.00	0.958	Decreasing	56	51	No	1.655710481	-262.00	0.967454064	Decreasing	23	22	No	1.364674785	-197.00	1	Decreasing

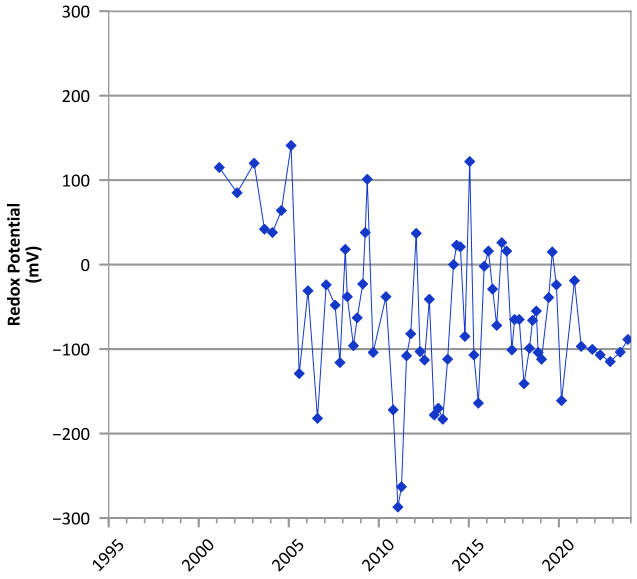
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1153	641184.13	3752089.44	DNT4A	3/18/2010	9/12/2023	55	50	No	1.271687342	-640.00	0.999998248	Decreasing	4	4	No	3.803026636	-6.00	0.958	Decreasing	55	50	No	1.271687342	-640.00	0.999998248	Decreasing	23	22	No	1.158627219	-104.00	0.997	Decreasing
PTX06-1153	641184.13	3752089.44	TNB135	10/27/2009	9/12/2023	56	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	56	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNB13	10/27/2009	9/12/2023	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	56	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	MNX	10/27/2009	9/12/2023	56	54	No	1.114227024	26.00	0.570123413	No Trend	4	4	No	3.917462079	-6.00	0.958	Decreasing	56	54	No	1.114227024	26.00	0.570123413	No Trend	23	23	No	0.682165477	-26.00	0.7435	Stable
PTX06-1153	641184.13	3752089.44	DNX	10/27/2009	9/12/2023	56	54	No	1.412444434	257.00	0.964796937	Increasing	4	4	No	4.372642756	-4.00	0.833	No Trend	56	54	No	1.412444434	257.00	0.964796937	Increasing	23	23	No	0.805645538	-18.00	0.6715	Stable
PTX06-1153	641184.13	3752089.44	TNX	10/27/2009	9/12/2023	56	54	No	0.960007654	371.00	0.995538469	Increasing	4	4	No	3.791204268	-4.00	0.833	No Trend	56	54	No	0.960007654	371.00	0.995538469	Increasing	23	23	No	0.501507587	63.00	0.949	Probably Increasing
PTX06-1153	641184.13	3752089.44	PCE	10/27/2009	9/12/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCE	10/27/2009	9/12/2023	49	35	No	0.713362153	-641.00	0.999999983	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	49	35	No	0.713362153	-641.00	0.999999983	Decreasing	16	6	No	0.340992016	28.00	0.886	No Trend
PTX06-1153	641184.13	3752089.44	DCE12C	10/27/2009	9/12/2023	48	10	No	0.347081193	283.00	0.993902095	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	48	10	No	0.347081193	283.00	0.993902095	Increasing	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DCE12T	10/27/2009	9/12/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DCA12	10/27/2009	9/12/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCLME	10/27/2009	9/12/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	VC	10/27/2009	9/12/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	B	10/27/2009	2/28/2023	45	45	No	0.313383252	618.00	0.999999999	Increasing	4	4	No	3.205305242	-6.00	0.958	Decreasing	45	45	No	0.313383252	618.00	0.999999999	Increasing	14	14	No	0.229040433	61.00	1	Increasing
PTX06-1153	641184.13	3752089.44	CR	10/27/2009	9/12/2023	49	49	No	0.713659107	-411.00	0.999795442	Decreasing	4	4	No	4.061985703	-2.00	0.625	No Trend	49	49	No	0.713659107	-411.00	0.999795442	Decreasing	16	16	No	0.486695416	-48.00	0.984	Decreasing
PTX06-1153	641184.13	3752089.44	CR-6	10/27/2009	9/12/2023	49	46	No	0.932204602	-509.00	0.999994035	Decreasing	4	4	No	3.992743743	-4.00	0.833	No Trend	49	46	No	0.932204602	-509.00	0.999994035	Decreasing	16	16	No	0.546061484	-70.00	0.999	Decreasing
PTX06-1153	641184.13	3752089.44	AS	10/27/2009	9/12/2023	49	32	No	0.53027814	-316.00	0.996688694	Decreasing	4	4	No	3.471717789	0.00	0.375	No Trend	49	32	No	0.53027814	-316.00	0.996688694	Decreasing	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	BA	10/27/2009	9/12/2023	49	49	No	0.435699859	79.00	0.749318648	No Trend	4	4	No	3.355414976	0.00	0.375	No Trend	49	49	No	0.435699859	79.00	0.749318648	No Trend	16	16	No	0.110933191	41.00	0.9645	Increasing
PTX06-1153	641184.13	3752089.44	FE	10/27/2009	9/12/2023	49	44	No	0.981202717	195.00	0.952762296	Increasing	4	4	No	4.214136586	-2.00	0.625	No Trend	49	44	No	0.981202717	195.00	0.952762296	Increasing	16	16	No	0.718081041	8.00	0.622	No Trend
PTX06-1153	641184.13	3752089.44	MN	10/27/2009	9/12/2023	49	49	No	1.122437399	-463.00	0.999965883	Decreasing	4	4	No	4.356241868	2.00	0.625	No Trend	49	49	No	1.122437399	-463.00	0.999965883	Decreasing	16	16	No	0.857003931	42.00	0.968	Increasing
PTX06-1153	641184.13	3752089.44	MO	10/27/2009	2/28/2023	45	41	No	0.519261827	-426.00	0.999983912	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	41	No	0.519261827	-426.00	0.999983912	Decreasing	14	11	No	0.42755944	38.00	0.979	Increasing
PTX06-1153	641184.13	3752089.44	NI	10/27/2009	2/28/2023	45	43	No	1.353393952	416.00	0.999975428	Increasing	4	4	No	3.739793424	-2.00	0.625	No Trend	45	43	No	1.353393952	416.00	0.999975428	Increasing	14	14	No	0.550037216	30.00	0.9435	Probably Increasing
PTX06-1153	641184.13	3752089.44	V	10/27/2009	2/28/2023	45	39	No	0.797048592	359.00	0.999769171	Increasing	4	4	No	3.254056208	0.00	0.375	No Trend	45	39	No	0.797048592	359.00	0.999769171	Increasing	14	12	No	0.267648542	6.00	0.6055	No Trend
PTX06-1153	641184.13	3752089.44	TOC	10/27/2009	9/12/2023	55	55	No	0.843919642	530.00	0.999938557	Increasing	4	4	No	4.288511325	0.00	0.375	No Trend	55	55	No	0.843919642	530.00	0.999938557	Increasing	22	22	No	0.615295633	91.00	0.995	Increasing
PTX06-1153	641184.13	3752089.44	TVFA	10/27/2009	10/23/2019	41	40	No	2.263047229	-307.00	0.999705873	Decreasing	4	4	No	3.377773683	-3.00	0.729	No Trend	41	40	No	2.263047229	-307.00	0.999705873	Decreasing	12	12	No	0.782318555	-23.00	0.933	Probably Decreasing
PTX06-1154	641870.52	3752278.90	RDX	3/18/2010	11/7/2023	47	10	No	4.655806033	-235.00	0.984058967	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	47	10	No	4.655806033	-235.00	0.984058967	Decreasing	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	HMX	10/27/2009	2/22/2023	48	9	No	3.544527802	-158.00	0.91855574	Probably Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	48	9	No	3.544527802	-158.00	0.91855574	Probably Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNT	10/27/2009	11/7/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT24	10/27/2009	11/7/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT26	10/27/2009	11/7/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT2A	10/27/2009	11/7/2023	49	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	49	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT4A	3/18/2010	11/7/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNB135	10/27/2009	11/7/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNB13	10/27/2009	11/7/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	MNX	10/27/2009	11/7/2023	49	5	No	3.55039365	-698.00	0.999999999	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	49	5	No	3.55039365	-698.00	0.999999999	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNX	10/27/2009	11/7/2023	48	9	No	3.152169691	-554.00	0.999999556	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	48	9	No	3.152169691	-554.00	0.999999556	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNX	10/27/2009	11/7/2023	48	22	No	1.703615018	-850.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	48	22	No	1.703615018	-850.00	1	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	PCE	10/27/2009	11/7/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCE	10/27/2009	11/7/2023	48	18	No	0.625895626	-513.00	0.999997326	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	48	18	No	0.625895626	-513.00	0.999997326	Decreasing	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	DCE12C	10/27/2009	11/7/2023	48	15	No	0.491010602	213.00	0.9702354	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	48	15	No	0.491010602	213.00	0.9702354	Increasing	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	DCE12T	10/27/2009	11/7/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DCA12	10/27/2009	11/7/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCLME	10/27/2009	11/7/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	15	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	VC	10/27/2009	11/7/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	B	10/27/2009	2/22/2023	45	45	No	0.338015154	-104.00	0.843171677	Stable	4	4	No	3.217321383	-4.00	0.833	No Trend	45	45	No	0.338015154	-104.00	0.843171677	Stable	14	14	No	0.378641084	-57.00	0.999	Decreasing
PTX06-1154	641870.52	3752278.90	CR	10/27/2009	11/7/2023	48	5	No	1.236756116	-45.00	0.652128648	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	48	5	No	1.236756116	-45.00	0.652128648	No Trend	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	CR-6	10/27/2009	11/7/2023	45	18	No	1.136672237	-508.00	0.999999647	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	18	No	1.136672237	-508.00	0.999999647	Decreasing	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	AS	10/27/2009	11/7/2023	49	49	No	0.462229771	626.00	0.999999964	Increasing	4	4	No	3.720088742	-2.00	0.625	No Trend	49	49	No	0.462229771	626.00	0.999999964	Increasing	16	16	No	0.2901823	-6.00	0.588	Stable
PTX06-1154	641870.52	3752278.90	BA	10/27/2009	11/7/2023	49	49	No	0.402948192	398.00	0.999689274	Increasing	4	4	No	3.368470098	2.00	0.625	No Trend	49	49	No	0.402948192	398.00	0.999689274	Increasing	16	16	No	0.207454867	-36.00	0.942	Probably Decreasing
PTX06-1154	641870.52	3752278.90	FE	10/27/2009	11/7/2023	49	49	No	0.470222369	170.00	0.927407604	Probably Increasing	4	4	No	3.500988972	-2.00	0.625	No Trend	49	49	No	0.470222369	170.00	0.927407604	Probably Increasing	16	16	No	0.309213101	-6.00	0.588	Stable
PTX06-1154	641870.52	3752278.90	MN	10/27/2009	11/7/2023	49	49	No	0.756589164	-219.00	0.969886229	Decreasing	4	4	No	3.554239037	2.00	0.625	No Trend	49	49	No	0.756589164	-219.00	0.969886229	Decreasing	16	16	No	0.428654007	52.00	0.99	Increasing
PTX06-1154	641870.52	3752278.90	MO	10/27/2009	2/22/2023	45	44	No	0.461426787	82.00	0.785926905	No Trend	4	4	No	3.238391831	2.00	0.625	No Trend	45	44	No	0.461426787	82.00	0.785926905	No Trend	14	14	No	0.522105304	-10.00	0.6855	Stable
PTX06-1154	641870.52	3752278.90	NI	10/27/2009	2/22/2023	45	42	No	0.899746511	373.00	0.999863163	Increasing	4	4	No	3.521287686	4.00	0.833	No Trend	45	42	No	0.899746511	373.00	0.999863163	Increasing	14	13	No	0.774382452	18.00	0.8205	No Trend
PTX06-1154	641870.52	3752278.90	V	10/27/2009	2/22/2023	45	10	No	1.191142551	9.00	0.531188809	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	10	No	1.191142551	9.00	0.531188809	No Trend	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	TOC	10/27/2009	11/7/2023	49	49	No	1.155727146	-309.00	0.996033514	Decreasing	4	4	No	3.994341509	4.00	0.833	No Trend	49	49	No	1.155727146	-309.00	0.996033514	Decreasing	16	16	No	0.757555062	-61.00	0.9975	Decreasing
PTX06-1154	641870.52	3752278.90	TVFA	10/27/2009	10/23/2019	41	39	No	3.381224136	-424.00	0.999998988	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	41	39	No	3.381224136	-424.00	0.999998988	Decreasing	12	10	No	0.761239446	9.00	0.704	No Trend
PTX06-1155	634603.74	3755215.62	RDX	10/26/2009	11/1/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	HMX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNT	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT24	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT26	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT2A	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT4A	10/26/2009	11/1/2023	49	7	No	1.625978173	-494.00	0.999989291	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	49	7	No	1.625978173	-494.00	0.999989291	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNB135	3/23/2010	11/1/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNB13	10/26/2009	11/1/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	MNX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNX	10/26/2009	11/1/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNX	10/26/2009	11/1/2023	48	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	48	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DIOXANE14	10/26/2009	11/1/2023	49	49	No	0.747772769	867.00	1	Increasing	4	4	No	3.373213189	0.00	0.375	No Trend	49	49	No	0.747772769	867.00	1	Increasing	16	16	No	0.47573336	99.00	1	Increasing
PTX06-1155	634603.74	3755215.62	PCE	10/26/2009	11/1/2023	49	17	No	0.582970591	105.00	0.814997207	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	49	17	No	0.582970591	105.00	0.814997207	No Trend	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TCE	10/26/2009	11/1/2023	49	41	No	1.488121596	-631.00	0.999999972	Decreasing	4	4	No	4.050833629	0.00	0.375	No Trend	49	41	No	1.488121596	-631.00	0.999999972	Decreasing	16	9	No	1.995633703	67.00	0.999	Increasing
PTX06-1155	634603.74	3755215.62	DCE12C	10/26/2009	11/1/2023	49	49	No	0.750786947	120.00	0.84749774	No Trend	4	4	No	4.071498747	-4.00	0.833	No Trend	49	49	No	0.750786947	120.00	0.84749774	No Trend	16	16	No	0.40597915	38.00	0.952	Increasing
PTX06-1155	634603.74	3755215.62	DCE12T	10/26/2009	11/1/2023	49	38	No	1.221304529	-183.00	0.9416539	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	49	38	No	1.221304529	-183.00	0.9416539	Probably Decreasing	16	9	No	1.295530779	10.00	0.655	No Trend
PTX06-1155	634603.74	3755215.62	DCA12	10/26/2009	11/1/2023	49	49	No	0.799282407	-707.00	0.999999999	Decreasing	4	4	No	3.367806408	2.00	0.625	No Trend	49	49	No	0.799282407	-707.00	0.999999999	Decreasing	16	16	No	0.613788386	87.00	1	Increasing
PTX06-1155	634603.74	3755215.62	TCLME	10/26/2009	11/1/2023	49	18	No	0.718368198	187.00	0.945564614	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	49	18	No	0.718368198	187.00	0.945564614	Probably Increasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	VC	10/26/2009	11/1/2023	49	35	No	2.081284775	371.00	0.999287008	Increasing	4	4	No	3.563198479	-2.00	0.625	No Trend	49	35	No	2.081284775	371.00	0.999287008	Increasing	16	10	No	1.383109649	62.00	0.998	Increasing
PTX06-1155	634603.74	3755215.62	PERC	10/26/2009	5/30/2023	48	8	No	2.557822372	-510.00	0.999996966	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	48	8	No	2.557822372	-510.00	0.999996966	Decreasing	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1155	634603.74	3755215.62	B	10/26/2009	5/30/2023	45	44	No	0.349034428	458.00	0.999996099	Increasing	4	4	No	3.243010947	-6.00	0.958	Decreasing	45	44	No	0.349034428	458.00	0.999996099	Increasing	14	14	No	0.175590322	43.00	0.99	Increasing
PTX06-1155	634603.74	3755215.62	CR	10/26/2009	5/30/2023	45	23	No	1.220568055	-263.00	0.994810916	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	23	No	1.220568055	-263.00	0.994810916	Decreasing	14	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1155	634603.74	3755215.62	AS	10/26/2009	11/1/2023	49	48	No	0.55799281	436.00	0.999911452	Increasing	4	4	No	3.583448876	-6.00	0.958	Decreasing	49	48	No	0.55799281	436.00	0.999911452	Increasing	16	16	No	0.289473676	-29.00	0.8945	Stable
PTX06-1155	634603.74	3755215.62	BA	10/26/2009	11/1/2023	49	49	No	0.457982682	282.00	0.992286015	Increasing	4	4	No	3.476212941	0.00	0.375	No Trend	49	49	No	0.457982682	282.00	0.992286015	Increasing	16	16	No	0.223076132	-51.00	0.9885	Decreasing
PTX06-1155	634603.74	3755215.62	FE	10/26/2009	11/1/2023	49	49	No	0.8017596	20.00	0.565046602	No Trend	4	4	No	3.56521336	0.00	0.375	No Trend	49	49	No	0.8017596	20.00	0.565046602	No Trend	16	16	No	0.348862345	-56.00	0.994	Decreasing
PTX06-1155	634603.74	3755215.62	MN	10/26/2009	11/1/2023	49	49	No	0.881169002	-85.00	0.765487449	Stable	4	4	No	3.387383561	0.00	0.375	No Trend	49	49	No	0.881169002	-85.00	0.765487449	Stable	16	16	No	0.375195834	-82.00	1	Decreasing
PTX06-1155	634603.74	3755215.62	MO	10/26/2009	5/30/2023	45	34	No	0.920072388	-586.00	0.999999995	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	34	No	0.920072388	-586.00	0.999999995	Decreasing	14	5	No	0.457813436	-34.00	0.9645	Decreasing
PTX06-1155	634603.74	3755215.62	NI	10/26/2009	5/30/2023	45	35	No	2.638947364	5.00	0.515606341	No Trend	4	4	No	3.293649629	4.00	0.833	No Trend	45	35	No	2.638947364	5.00	0.515606341	No Trend	14	10	No	0.387355955	27.00	0.921	Probably Increasing
PTX06-1155	634603.74	3755215.62	V	10/26/2009	5/30/2023	45	16	No	1.126293335	-181.00	0.960865356	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	16	No	1.126293335	-181.00	0.960865356	Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TOC	10/26/2009	11/1/2023	49	48	No	1.725321679	188.00	0.946509156	Probably Increasing	4	4	No	3.590587091	0.00	0.375	No Trend	49	48	No	1.725321679	188.00	0.946509156	Probably Increasing	16	16	No	0.232211612	-50.00	0.987	Decreasing
PTX06-1155	634603.74	3755215.62	TVFA	10/26/2009	11/12/2019	41	40	No	2.696340007	-256.00	0.997909312	Decreasing	4	4	No	3.329480701	2.00	0.625	No Trend	41	40	No	2.696340007	-256.00	0.997909312	Decreasing	12	11	No	1.018172599	-8.00	0.681	No Trend
PTX06-1156	636378.92	3755076.47	RDX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	HMX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNT	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT24	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT26	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT2A	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT4A	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNB135	10/26/2009	11/1/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNB13	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	MNX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNX	10/26/2009	11/1/2023	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	48	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNX	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DIOXANE14	10/26/2009	11/1/2023	49	40	No	1.328857885	886.00	1	Increasing	4	4	No	3.376393787	0.00	0.375	No Trend	49	40	No	1.328857885	886.00	1	Increasing	16	16	No	0.700895883	108.00	1	Increasing
PTX06-1156	636378.92	3755076.47	PCE	10/26/2009	11/1/2023	49	5	No	0.206138893	-442.00	0.999928044	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	49	5	No	0.206138893	-442.00	0.999928044	Decreasing	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1156	636378.92	3755076.47	TCE	10/26/2009	11/1/2023	49	20	No	2.093574165	-401.00	0.999717554	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	49	20	No	2.093574165	-401.00	0.999717554	Decreasing	16	6	No	0.658601541	-32.00	0.917	Probably Decreasing
PTX06-1156	636378.92	3755076.47	DCE12C	10/26/2009	11/1/2023	49	33	No	1.564765207	215.00	0.967455388	Increasing	4	4	No	3.654594571	4.00	0.833	No Trend	49	33	No	1.564765207	215.00	0.967455388	Increasing	16	9	No	0.762988308	19.00	0.788	No Trend
PTX06-1156	636378.92	3755076.47	DCE12T	10/26/2009	11/1/2023	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	49	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DCA12	10/26/2009	11/1/2023	49	16	No	0.390433729	19.00	0.561651243	No Trend	4	4	No	3.442484997	4.00	0.833	No Trend	49	16	No	0.390433729	19.00	0.561651243	No Trend	16	9	No	0.337043931	-17.00	0.761	Stable
PTX06-1156	636378.92	3755076.47	TCLME	10/26/2009	11/1/2023	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	49	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	VC	10/26/2009	11/1/2023	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	48	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	PERC	10/26/2009	11/1/2023	49	7	No	2.525359393	-659.00	0.999999993	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	49	7	No	2.525359393	-659.00	0.999999993	Decreasing	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	B	10/26/2009	5/30/2023	45	44	No	0.315799726	135.00	0.905042541	Probably Increasing	4	4	No	3.226969422	0.00	0.375	No Trend	45	44	No	0.315799726	135.00	0.905042541	Probably Increasing	14	14	No	0.214209206	-40.00	0.9845	Decreasing
PTX06-1156	636378.92	3755076.47	CR	10/26/2009	5/30/2023	45	13	No	1.141976743	-239.00	0.990049047	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	13	No	1.141976743	-239.00	0.990049047	Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	AS	10/26/2009	11/1/2023	49	47	No	0.490382969	770.00	1	Increasing	4	4	No	3.40510881	0.00	0.375	No Trend	49	47	No	0.490382969	770.00	1	Increasing	16	16	No	0.177419255	49.00	0.9855	Increasing
PTX06-1156	636378.92	3755076.47	BA	10/26/2009	11/1/2023	49	49	No	0.507600923	576.00	0.999999641	Increasing	4	4	No	3.459674813	2.00	0.625	No Trend	49	49	No	0.507600923	576.00	0.999999641	Increasing	16	16	No	0.141242359	-41.00	0.9645	Decreasing
PTX06-1156	636378.92	3755076.47	FE	10/26/2009	11/1/2023	49	48	No	0.66415822	364.00	0.999122989	Increasing	4	4	No	3.451500519	6.00	0.958	Increasing	49	48	No	0.66415822	364.00	0.999122989	Increasing	16	16	No	0.135457891	-14.00	0.718	Stable
PTX06-1156	636378.92	3755076.47	MN	10/26/2009	11/1/2023	49	49	No	1.273758583	63.00	0.703477899	No Trend	4	4	No	3.600244689	-4.00	0.833	No Trend	49	49	No	1.273758583	63.00	0.703477899	No Trend	16	16	No	0.276400715	-54.00	0.992	Decreasing
PTX06-1156	636378.92	3755076.47	MO	10/26/2009	5/30/2023	45	42	No	0.619504539	-228.00	0.986810512	Decreasing	4	4	No	3.385034971	0.00	0.375	No Trend	45	42	No	0.619504539	-228.00	0.986810512	Decreasing	14	12	No	0.334516901	11.00	0.705	No Trend
PTX06-1156	636378.92	3755076.47	NI	10/26/2009	5/30/2023	45	41	No	1.690284001	-36.00	0.633967979	No Trend	4	4	No	4.048212268	2.00	0.625	No Trend	45	41	No	1.690284001	-36.00	0.633967979	No Trend	14	12	No	0.457736157	6.00	0.6055	No Trend
PTX06-1156	636378.92	3755076.47	V	10/26/2009	5/30/2023	45	11	No	0.96589316	-133.00	0.901694308	Probably Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	45	11	No	0.96589316	-133.00	0.901694308	Probably Decreasing	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TOC	10/26/2009	11/1/2023	49	45	No	2.062713125	117.00	0.841320772	No Trend	4	4	No	4.95988799	2.00	0.625	No Trend	49	45	No	2.062713125	117.00	0.841320772	No Trend	16	16	No	0.538892134	-83.00	1	Decreasing
PTX06-1156	636378.92	3755076.47	TVFA	10/26/2009	11/12/2019	41	41	No	2.485255989	-180.00	0.977811747	Decreasing	4	4	No	3.641099334	4.00	0.833	No Trend	41	41	No	2.485255989	-180.00	0.977811747	Decreasing	12	12	No	0.639869914	-40.00	0.997	Decreasing
PTX06-1173	634197.62	3755312.40	RDX	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	HMX	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	TNT	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNT24	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNT26	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNT2A	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNT4A	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	TNB135	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNB13	6/8/2016	10/31/2023	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

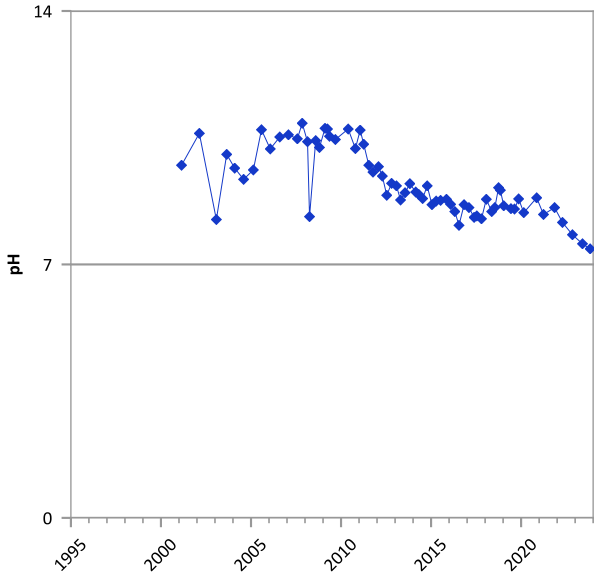
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1173	634197.62	3755312.40	MNX	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DNX	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	TNX	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	DIOXANE14	6/8/2016	10/31/2023	21	21	No	0.378086044	110.00	1	Increasing	4	4	No	2.089022453	-1.00	0.5	No Trend	21	21	No	0.378086044	110.00	1	Increasing	16	16	No	0.401121748	79.00	1	Increasing
PTX06-1173	634197.62	3755312.40	PCE	6/8/2016	10/31/2023	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	TCE	6/8/2016	10/31/2023	21	19	No	1.705595991	-13.00	0.64	No Trend	4	4	No	2.066391392	-2.00	0.625	No Trend	21	19	No	1.705595991	-13.00	0.64	No Trend	16	14	No	1.641002246	33.00	0.9235	Probably Increasing
PTX06-1173	634197.62	3755312.40	DCE12C	6/8/2016	10/31/2023	21	21	No	0.605431937	-73.00	0.986	Decreasing	4	4	No	2.418512764	-6.00	0.958	Decreasing	21	21	No	0.605431937	-73.00	0.986	Decreasing	16	16	No	0.420775116	9.00	0.6385	No Trend
PTX06-1173	634197.62	3755312.40	DCE12T	6/8/2016	10/31/2023	21	6	No	0.599535714	1.00	0.5	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	21	6	No	0.599535714	1.00	0.5	No Trend	16	5	No	0.636586537	-31.00	0.91	Probably Decreasing
PTX06-1173	634197.62	3755312.40	DCA12	6/8/2016	10/31/2023	21	19	No	0.634506662	59.00	0.96	Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	19	No	0.634506662	59.00	0.96	Increasing	16	16	No	0.621385389	48.00	0.984	Increasing
PTX06-1173	634197.62	3755312.40	TCLME	6/8/2016	10/31/2023	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
PTX06-1173	634197.62	3755312.40	VC	6/8/2016	10/31/2023	21	14	No	0.918154657	60.00	0.963	Increasing	4	4	No	2.276949281	-6.00	0.958	Decreasing	21	14	No	0.918154657	60.00	0.963	Increasing	16	10	No	1.023364473	7.00	0.605	No Trend
PTX06-1173	634197.62	3755312.40	PERC	6/8/2016	10/31/2023	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	B	6/8/2016	10/31/2023	18	18	No	0.18330732	-34.00	0.8925	Stable	4	4	No	1.882915948	6.00	0.958	Increasing	18	18	No	0.18330732	-34.00	0.8925	Stable	14	14	No	0.205623027	-39.00	0.982	Decreasing
PTX06-1173	634197.62	3755312.40	CR	6/8/2016	10/31/2023	18	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	AS	6/8/2016	10/31/2023	21	21	No	0.296539743	38.00	0.866	No Trend	4	4	No	2.068380269	4.00	0.833	No Trend	21	21	No	0.296539743	38.00	0.866	No Trend	16	16	No	0.222748217	-17.00	0.761	Stable
PTX06-1173	634197.62	3755312.40	BA	6/8/2016	10/31/2023	21	21	No	0.5267216	-45.00	0.907	Probably Decreasing	4	4	No	2.069190972	4.00	0.833	No Trend	21	21	No	0.5267216	-45.00	0.907	Probably Decreasing	16	16	No	0.561452516	-72.00	1	Decreasing
PTX06-1173	634197.62	3755312.40	FE	6/8/2016	10/31/2023	21	21	No	0.840979254	-63.00	0.97	Decreasing	4	4	No	2.085058201	6.00	0.958	Increasing	21	21	No	0.840979254	-63.00	0.97	Decreasing	16	16	No	0.78801584	-87.00	1	Decreasing
PTX06-1173	634197.62	3755312.40	MN	6/8/2016	10/31/2023	21	21	No	0.900982404	-8.00	0.583	Stable	4	4	No	2.076188577	4.00	0.833	No Trend	21	21	No	0.900982404	-8.00	0.583	Stable	16	16	No	0.939946111	-62.00	0.998	Decreasing
PTX06-1173	634197.62	3755312.40	MO	6/8/2016	10/31/2023	18	14	No	0.555046704	-29.00	0.853	Stable	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	14	No	0.555046704	-29.00	0.853	Stable	14	11	No	0.398696879	13.00	0.741	No Trend
PTX06-1173	634197.62	3755312.40	NI	6/8/2016	10/31/2023	18	14	No	0.929479295	61.00	0.989	Increasing	4	4	No	2.444744473	4.00	0.833	No Trend	18	14	No	0.929479295	61.00	0.989	Increasing	14	10	No	0.494217834	17.00	0.806	No Trend
PTX06-1173	634197.62	3755312.40	V	6/8/2016	10/31/2023	18	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	TOC	6/8/2016	10/31/2023	21	21	No	1.745906704	19.00	0.7045	No Trend	4	4	No	2.225785867	6.00	0.958	Increasing	21	21	No	1.745906704	19.00	0.7045	No Trend	16	16	No	1.948105456	-49.00	0.9855	Decreasing
PTX06-1173	634197.62	3755312.40	TVFA	6/8/2016	11/13/2019	13	11	No	3.365965091	-26.00	0.936	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	11	No	3.365965091	-26.00	0.936	Probably Decreasing	12	10	No	3.222181912	-38.00	0.996	Decreasing
PTX06-1174	633904.63	3755489.15	RDX	6/8/2016	10/31/2023	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	HMX	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	TNT	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DNT24	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DNT26	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DNT2A	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DNT4A	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	TNB135	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNB13	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	MNX	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DNX	6/8/2016	10/31/2023	21	5	No	1.288977806	-53.00	0.9415	Probably Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	21	5	No	1.288977806	-53.00	0.9415	Probably Decreasing	16	5	No	1.213249484	-4.00	0.553	No Trend
PTX06-1174	633904.63	3755489.15	TNX	6/8/2016	10/31/2023	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
PTX06-1174	633904.63	3755489.15	DIOXANE14	6/8/2016	10/31/2023	21	19	No	0.541713444	41.00	0.885	No Trend	4	4	No	2.078190111	2.00	0.625	No Trend	21	19	No	0.541713444	41.00	0.885	No Trend	16	14	No	0.582719656	54.00	0.992	Increasing
PTX06-1174	633904.63	3755489.15	PCE	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	TCE	6/8/2016	10/31/2023	21	15	No	3.703428092	-31.00	0.815	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	15	No	3.703428092	-31.00	0.815	No Trend	16	12	No	1.347968528	4.00	0.553	No Trend
PTX06-1174	633904.63	3755489.15	DCE12C	6/8/2016	10/31/2023	21	21	No	1.447051182	-75.00	0.988	Decreasing	4	4	No	2.144996569	-4.00	0.833	No Trend	21	21	No	1.447051182	-75.00	0.988	Decreasing	16	16	No	1.198039437	-7.00	0.605	No Trend
PTX06-1174	633904.63	3755489.15	DCE12T	6/8/2016	10/31/2023	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1174	633904.63	3755489.15	DCA12	6/8/2016	10/31/2023	21	13	No	0.546657883	-2.00	0.512	Stable	4	0	Yes	0	0.00	0	All Non-Detect	21	13	No	0.546657883	-2.00	0.512	Stable	16	12	No	0.362260567	38.00	0.952	Increasing
PTX06-1174	633904.63	3755489.15	TCLME	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	VC	6/8/2016	10/31/2023	21	5	No	1.258479172	44.00	0.902	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	21	5	No	1.258479172	44.00	0.902	Probably Increasing	16	5	No	1.180297794	65.00	0.9985	Increasing
PTX06-1174	633904.63	3755489.15	PERC	6/8/2016	10/31/2023	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	21	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	B	6/8/2016	10/31/2023	18	18	No	0.304163735	-15.00	0.7	Stable	4	4	No	1.919630877	6.00	0.958	Increasing	18	18	No	0.304163735	-15.00	0.7	Stable	14	14	No	0.300557026	-31.00	0.95	Decreasing
PTX06-1174	633904.63	3755489.15	CR	6/8/2016	10/31/2023	18	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	14	0	Yes	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	AS	6/8/2016	10/31/2023	21	21	No	0.322597665	73.00	0.986	Increasing	4	4	No	2.084571754	6.00	0.958	Increasing	21	21	No	0.322597665	73.00	0.986	Increasing	16	16	No	0.221158359	0.00	0.482	Stable
PTX06-1174	633904.63	3755489.15	BA	6/8/2016	10/31/2023	21	21	No	0.540242718	5.00	0.5475	No Trend	4	4	No	2.135445298	4.00	0.833	No Trend	21	21	No	0.540242718	5.00	0.5475	No Trend	16	16	No	0.555087348	-51.00	0.9885	Decreasing
PTX06-1174	633904.63	3755489.15	FE	6/8/2016	10/31/2023	21	20	No	0.788198847	-31.00	0.815	Stable	4	4	No	2.081563444	4.00	0.833	No Trend	21	20	No	0.788198847	-31.00	0.815	Stable	16	16	No	0.794637568	-61.00	0.9975	Decreasing
PTX06-1174	633904.63	3755489.15	MN	6/8/2016	10/31/2023	21	21	No	1.176286343	-24.00	0.754	No Trend	4	4	No	2.077040655	0.00	0.375	No Trend	21	21	No	1.176286343	-24.00	0.754	No Trend	16	16	No	1.153059995	-47.00	0.9815	Decreasing
PTX06-1174	633904.63	3755489.15	MO	6/8/2016	10/31/2023	18	14	No	0.697442719	-48.00	0.9625	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	14	No	0.697442719	-48.00	0.9625	Decreasing	14	10	No	0.560288906	-2.00	0.5215	Stable
PTX06-1174	633904.63	3755489.15	NI	6/8/2016	10/31/2023	18	14	No	1.057340789	73.00	0.997	Increasing	4	4	No	1.947337879	2.00	0.625	No Trend	18	14	No	1.057340789	73.00	0.997	Increasing	14	11	No	1.075963231	19.00	0.835	No Trend
PTX06-1174	633904.63	3755489.15	V	6/8/2016	10/31/2023	18	6	No	0.4638698	-12.00	0.6595	Stable	4	4	No	1.99729603	-2.00	0.625	No Trend	18	6	No	0.4638698	-12.00	0.6595	Stable	14	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1174	633904.63	3755489.15	TOC	6/8/2016	10/31/2023	21	20	No	1.326938467	47.00	0.9165	Probably Increasing	4	4	No	2.082027296	6.00	0.958	Increasing	21	20	No	1.326938467	47.00	0.9165	Probably Increasing	16	16	No	1.461604961	-23.00	0.836	No Trend
PTX06-1174	633904.63	3755489.15	TVFA	6/8/2016	11/13/2019	13	12	No	3.045146229	-20.00	0.874	No Trend	4	4	No	2.116394299	2.00	0.625	No Trend	13	12	No	3.045146229	-20.00	0.874	No Trend	12	11	No	2.912632824	-32.00	0.984	Decreasing
PTX06-1175	633416.97	3755651.06	RDX	6/8/2016	11/1/2023	21	21	No	0.583833919	4.00	0.536	No Trend	4	4	No	3.809050713	-6.00	0.958	Decreasing	21	21	No	0.583833919	4.00	0.536	No Trend	16	16	No	0.433935869	36.00	0.942	Probably Increasing
PTX06-1175	633416.97	3755651.06	HMX	6/8/2016	11/1/2023	21	9	No	0.964981643	72.00	0.985	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	9	No	0.964981643	72.00	0.985	Increasing	16	6	No	0.686343378	61.00	0.9975	Increasing
PTX06-1175	633416.97	3755651.06	TNT	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DNT24	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DNT26	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DNT2A	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DNT4A	6/8/2016	11/1/2023	21	13	No	1.029222802	-170.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	21	13	No	1.029222802	-170.00	1	Decreasing	16	12	No	0.870537282	-80.00	1	Decreasing
PTX06-1175	633416.97	3755651.06	TNB135	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DNB13	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	MNX	6/8/2016	11/1/2023	21	10	No	1.197242574	73.00	0.986	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	10	No	1.197242574	73.00	0.986	Increasing	16	7	No	0.819697595	38.00	0.952	Increasing
PTX06-1175	633416.97	3755651.06	DNX	6/8/2016	11/1/2023	21	6	No	0.951680767	-14.00	0.651	Stable	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	6	No	0.951680767	-14.00	0.651	Stable	16	4	No	0.988327985	-13.00	0.7025	Stable
PTX06-1175	633416.97	3755651.06	TNX	6/8/2016	11/1/2023	21	18	No	0.682532661	-52.00	0.938	Probably Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	18	No	0.682532661	-52.00	0.938	Probably Decreasing	16	15	No	0.522784119	-12.00	0.687	Stable
PTX06-1175	633416.97	3755651.06	DIOXANE14	6/8/2016	11/1/2023	21	21	No	0.425586753	77.00	0.99	Increasing	4	4	No	2.115292885	-2.00	0.625	No Trend	21	21	No	0.425586753	77.00	0.99	Increasing	16	16	No	0.419574211	86.00	1	Increasing
PTX06-1175	633416.97	3755651.06	PCE	6/8/2016	11/1/2023	21	6	No	0.35574067	-87.00	0.9955	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	21	6	No	0.35574067	-87.00	0.9955	Decreasing	16	6	No	0.41265881	-68.00	0.999	Decreasing
PTX06-1175	633416.97	3755651.06	TCE	6/8/2016	11/1/2023	21	21	No	0.563001061	-157.00	1	Decreasing	4	4	No	3.057943786	-6.00	0.958	Decreasing	21	21	No	0.563001061	-157.00	1	Decreasing	16	16	No	0.296589816	-80.00	1	Decreasing
PTX06-1175	633416.97	3755651.06	DCE12C	6/8/2016	11/1/2023	21	21	No	1.145695482	98.00	0.999	Increasing	4	4	No	2.213208813	-6.00	0.958	Decreasing	21	21	No	1.145695482	98.00	0.999	Increasing	16	16	No	1.358316506	42.00	0.968	Increasing
PTX06-1175	633416.97	3755651.06	DCE12T	6/8/2016	11/1/2023	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
PTX06-1175	633416.97	3755651.06	DCA12	6/8/2016	11/1/2023	21	20	No	0.353248679	29.00	0.7985	No Trend	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	20	No	0.353248679	29.00	0.7985	No Trend	16	16	No	0.316343241	77.00	1	Increasing
PTX06-1175	633416.97	3755651.06	TCLME	6/8/2016	11/1/2023	21	18	No	0.643565222	-37.00	0.8595	Stable	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	18	No	0.643565222	-37.00	0.8595	Stable	16	16	No	0.663820255	-7.00	0.605	Stable
PTX06-1175	633416.97	3755651.06	VC	6/8/2016	11/1/2023	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	PERC	6/8/2016	11/1/2023	21	14	No	1.0856988	-155.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	21	14	No	1.0856988	-155.00	1	Decreasing	16	13	No	0.888621956	-77.00	1	Decreasing
PTX06-1175	633416.97	3755651.06	B	6/8/2016	6/14/2023	17	17	No	0.353856111	15.00	0.715	No Trend	4	4	No	1.892196527	6.00	0.958	Increasing	17	17	No	0.353856111	15.00	0.715	No Trend	14	14	No	0.386276822	2.00	0.5215	No Trend
PTX06-1175	633416.97	3755651.06	CR	6/8/2016	6/14/2023	17	8	No	2.173094428	-34.00	0.912	Probably Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	17	8	No	2.173094428	-34.00	0.912	Probably Decreasing	14	6	No	2.268076515	-17.00	0.806	No Trend
PTX06-1175	633416.97	3755651.06	AS	6/8/2016	11/1/2023	21	6	No	0.359947509	71.00	0.9835	Increasing	4	4	No	2.114295039	4.00	0.833	No Trend	21	6	No	0.359947509	71.00	0.9835	Increasing	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1175	633416.97	3755651.06	BA	6/8/2016	11/1/2023	21	21	No	0.629672129	129.00	1	Increasing	4	4	No	2.095727326	6.00	0.958	Increasing	21	21	No	0.629672129	129.00	1	Increasing	16	16	No	0.40340087	52.00	0.99	Increasing
PTX06-1175	633416.97	3755651.06	FE	6/8/2016	11/1/2023	21	21	No	1.330446243	106.00	0.999	Increasing	4	4	No	2.10090299	4.00	0.833	No Trend	21	21	No	1.330446243	106.00	0.999	Increasing	16	16	No	1.52994563	44.00	0.974	Increasing
PTX06-1175	633416.97	3755651.06	MN	6/8/2016	11/1/2023	21	21	No	1.737472391	89.00	0.9965	Increasing	4	4	No	2.315365907	6.00	0.958	Increasing	21	21	No	1.737472391	89.00	0.9965	Increasing	16	16	No	1.279748734	33.00	0.9235	Probably Increasing
PTX06-1175	633416.97	3755651.06	MO	6/8/2016	6/14/2023	17	13	No	0.421361989	-92.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	17	13	No	0.421361989	-92.00	1	Decreasing	14	10	No	0.373210963	-54.00	0.9985	Decreasing
PTX06-1175	633416.97	3755651.06	NI	6/8/2016	6/14/2023	17	17	No	1.416177521	38.00	0.936	Probably Increasing	4	4	No	2.163535931	-2.00	0.625	No Trend	17	17	No	1.416177521	38.00	0.936	Probably Increasing	14	14	No	1.643676781	25.00	0.904	Probably Increasing
PTX06-1175	633416.97	3755651.06	V	6/8/2016	6/14/2023	17	17	No	0.230527729	-50.00	0.979	Decreasing	4	4	No	1.932339319	-2.00	0.625	No Trend	17	17	No	0.230527729	-50.00	0.979	Decreasing	14	14	No	0.125803011	-7.00	0.626	Stable
PTX06-1175	633416.97	3755651.06	TOC	6/8/2016	11/1/2023	21	15	No	1.945679265	128.00	1	Increasing	4	4	No	2.348134667	2.00	0.625	No Trend	21	15	No	1.945679265	128.00	1	Increasing	16	11	No	1.057631184	47.00	0.9815	Increasing
PTX06-1175	633416.97	3755651.06	TVFA	6/8/2016	11/13/2019	13	12	No	1.288907359	-24.00	0.918	Probably Decreasing	4	4	No	1.775431714	-6.00	0.958	Decreasing	13	12	No	1.288907359	-24.00	0.918	Probably Decreasing	12	11	No	1.22614349	-36.00	0.993	Decreasing
PTX06-1194	648355.41	3750477.77	RDX	2/13/2018	9/18/2023	12	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	12	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1194	648355.41	3750477.77	HMX	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNT	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT24	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT26	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT2A	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT4A	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNB135	2/13/2018	9/18/2023	11	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNB13	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	MNX	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNX	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNX	2/13/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	PCE	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TCE	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCE12C	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCE12T	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCA12	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TCLME	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	VC	2/22/2018	9/18/2023	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	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	B	10/1/2018	3/8/2023	7	7	No	0.0966329	8.00	0.845	No Trend	4	4	No	0.876148504	4.00	0.833	No Trend	7	7	No	0.0966329	8.00	0.845	No Trend	5	5	No	0.08256707	-1.00	0.5	Stable
PTX06-1194	648355.41	3750477.77	AS	2/22/2018	9/18/2023	11	4	No	0.384083681	-23.00	0.957	Decreasing	4	4	No	1.337703956	-1.00	0.5	No Trend	11	4	No	0.384083681	-23.00	0.957	Decreasing	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	BA	2/22/2018	9/18/2023	11	11	No	0.267351427	34.00	0.996	Increasing	4	4	No	1.325629313	-1.00	0.5	No Trend	11	11	No	0.267351427	34.00	0.996	Increasing	7	7	No	0.173154161	7.00	0.809	No Trend
PTX06-1194	648355.41	3750477.77	FE	2/22/2018	9/18/2023	11	8	No	0.258243764	-2.00	0.53	Stable	4	4	No	1.331336043	5.00	0.8955	No Trend	11	8	No	0.258243764	-2.00	0.53	Stable	7	4	No	0.295726125	3.00	0.614	No Trend
PTX06-1194	648355.41	3750477.77	MN	2/22/2018	9/18/2023	11	11	No	1.063166883	17.00	0.891	No Trend	4	4	No	1.63595914	-2.00	0.625	No Trend	11	11	No	1.063166883	17.00	0.891	No Trend	7	7	No	1.287586345	-3.00	0.614	No Trend
PTX06-1194	648355.41	3750477.77	MO	6/13/2019	3/8/2023	6	6	No	0.370522261	-11.00	0.972	Decreasing	4	4	No	0.850428371	-4.00	0.833	Stable	6	6	No	0.370522261	-11.00	0.972	Decreasing	4	4	No	0.187258804	-4.00	0.833	Stable
PTX06-1194	648355.41	3750477.77	NI	6/13/2019	3/8/2023	6	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1194	648355.41	3750477.77	V	6/13/2019	3/8/2023	6	6	No	0.22577804	-7.00	0.864	Stable	4	4	No	0.781557236	-4.00	0.833	Stable	6	6	No	0.22577804	-7.00	0.864	Stable	4	4	No	0.135044011	2.00	0.625	No Trend
PTX06-1194	648355.41	3750477.77	TOC	2/22/2018	9/18/2023	11	10	No	0.744889548	31.00	0.992	Increasing	4	4	No	1.459830399	-4.00	0.833	No Trend	11	10	No	0.744889548	31.00	0.992	Increasing	7	6	No	0.507425379	9.00	0.881	No Trend
PTX06-1194	648355.41	3750477.77	TVFA	2/22/2018	10/21/2019	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1196	649710.26	3750989.94	RDX	8/20/2018	9/18/2023	11	11	No	0.401696486	-19.00	0.918	Probably Decreasing	4	4	No	1.423422102	-4.00	0.833	No Trend	11	11	No	0.401696486	-19.00	0.918	Probably Decreasing	7	7	No	0.185020925	13.00	0.965	Increasing
PTX06-1196	649710.26	3750989.94	HMX	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	TNT	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT24	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT26	8/20/2018	9/18/2023	11	9	No	0.417770183	-30.00	0.9895	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.417770183	-30.00	0.9895	Decreasing	7	7	No	0.120832604	-2.00	0.557	Stable
PTX06-1196	649710.26	3750989.94	DNT2A	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT4A	8/20/2018	9/18/2023	11	11	No	0.542693283	-35.00	0.997	Decreasing	4	4	No	1.685540545	-6.00	0.958	Decreasing	11	11	No	0.542693283	-35.00	0.997	Decreasing	7	7	No	0.227457712	-1.00	0.5	Stable
PTX06-1196	649710.26	3750989.94	TNB135	8/20/2018	9/18/2023	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	DNB13	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	MNX	8/20/2018	9/18/2023	11	4	No	0.218934018	-26.00	0.975	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	4	No	0.218934018	-26.00	0.975	Decreasing	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	DNX	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	TNX	8/20/2018	9/18/2023	11	11	No	0.715022438	-5.00	0.619	Stable	4	4	No	1.696573038	-6.00	0.958	Decreasing	11	11	No	0.715022438	-5.00	0.619	Stable	7	7	No	0.576275957	17.00	0.995	Increasing
PTX06-1196	649710.26	3750989.94	PCE	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect

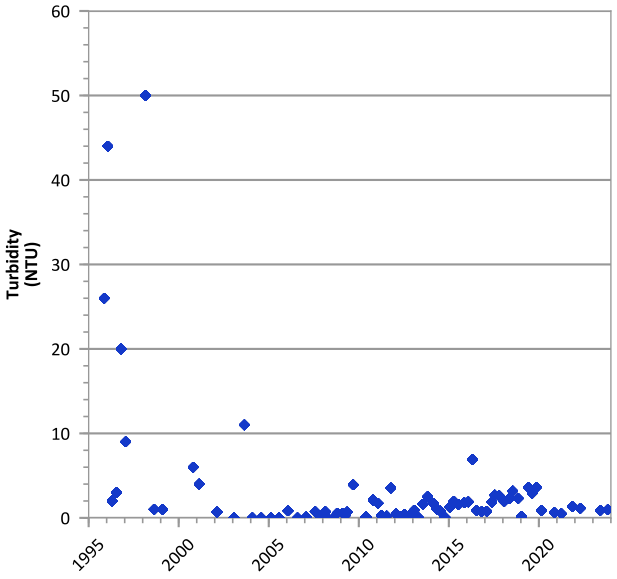
Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1196	649710.26	3750989.94	TCE	8/20/2018	9/18/2023	11	6	No	0.256570252	39.00	0.999	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	11	6	No	0.256570252	39.00	0.999	Increasing	7	6	No	0.248944893	15.00	0.985	Increasing
PTX06-1196	649710.26	3750989.94	DCE12C	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DCE12T	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DCA12	8/20/2018	9/18/2023	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	TCLME	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	VC	8/20/2018	9/18/2023	11	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	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	B	6/13/2019	3/8/2023	6	6	No	0.22027417	3.00	0.64	No Trend	4	4	No	0.775457389	4.00	0.833	No Trend	6	6	No	0.22027417	3.00	0.64	No Trend	4	4	No	0.112938488	-6.00	0.958	Decreasing
PTX06-1196	649710.26	3750989.94	AS	10/2/2018	9/18/2023	11	4	No	0.544848018	10.00	0.753	No Trend	4	4	No	1.700908383	4.00	0.833	No Trend	11	4	No	0.544848018	10.00	0.753	No Trend	7	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	BA	10/2/2018	9/18/2023	11	11	No	0.448982546	34.00	0.996	Increasing	4	4	No	1.337746389	5.00	0.8955	No Trend	11	11	No	0.448982546	34.00	0.996	Increasing	7	7	No	0.200408464	1.00	0.5	No Trend
PTX06-1196	649710.26	3750989.94	FE	10/2/2018	9/18/2023	11	6	No	0.601694891	-21.00	0.94	Probably Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	6	No	0.601694891	-21.00	0.94	Probably Decreasing	7	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	MN	10/2/2018	9/18/2023	11	10	No	1.560241062	11.00	0.777	No Trend	4	4	No	2.164014847	6.00	0.958	Increasing	11	10	No	1.560241062	11.00	0.777	No Trend	7	6	No	2.027820199	-9.00	0.881	No Trend
PTX06-1196	649710.26	3750989.94	MO	6/13/2019	3/8/2023	6	6	No	0.502075335	-15.00	0.999	Decreasing	4	4	No	1.014558019	-6.00	0.958	Decreasing	6	6	No	0.502075335	-15.00	0.999	Decreasing	4	4	No	0.108532928	-6.00	0.958	Decreasing
PTX06-1196	649710.26	3750989.94	NI	6/13/2019	3/8/2023	6	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	V	6/13/2019	3/8/2023	6	6	No	0.178794549	-10.00	0.952	Decreasing	4	4	No	0.744597396	-5.00	0.8955	Stable	6	6	No	0.178794549	-10.00	0.952	Decreasing	4	4	No	0.064282435	-1.00	0.5	Stable
PTX06-1196	649710.26	3750989.94	TOC	10/2/2018	9/18/2023	11	8	No	1.049650944	37.00	0.998	Increasing	4	4	No	1.447476081	2.00	0.625	No Trend	11	8	No	1.049650944	37.00	0.998	Increasing	7	4	No	0.696576648	7.00	0.809	No Trend
PTX06-1196	649710.26	3750989.94	TVFA	10/2/2018	10/21/2019	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	RDX	11/1/2022	10/31/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	HMX	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	TNT	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNT24	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNT26	11/1/2022	10/31/2023	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNT2A	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNT4A	11/1/2022	10/31/2023	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	TNB13S	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNB13	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	MNX	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DNX	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	TNX	11/1/2022	10/31/2023	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	PCE	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	TCE	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DCE12C	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DCE12T	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	DCA12	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	TCLME	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	VC	6/26/2023	10/31/2023	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	B	6/26/2023	10/31/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	CR	6/26/2023	10/31/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1215	651607.49	3748834.66	CR-6	6/26/2023	10/31/2023	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	2	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

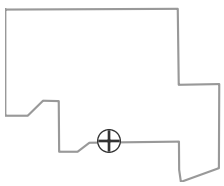






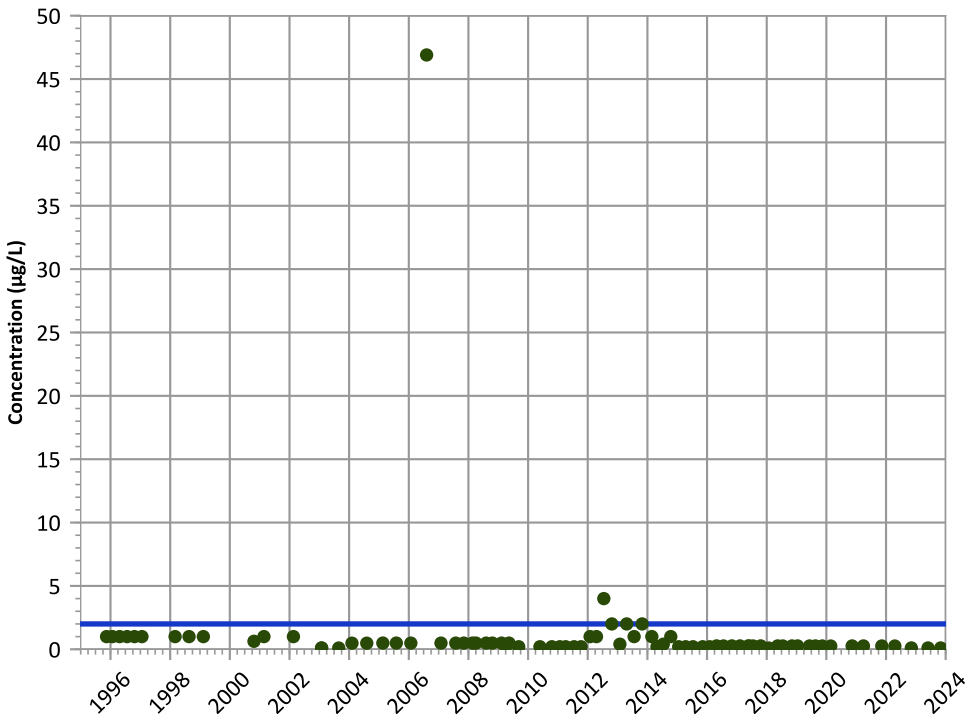


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

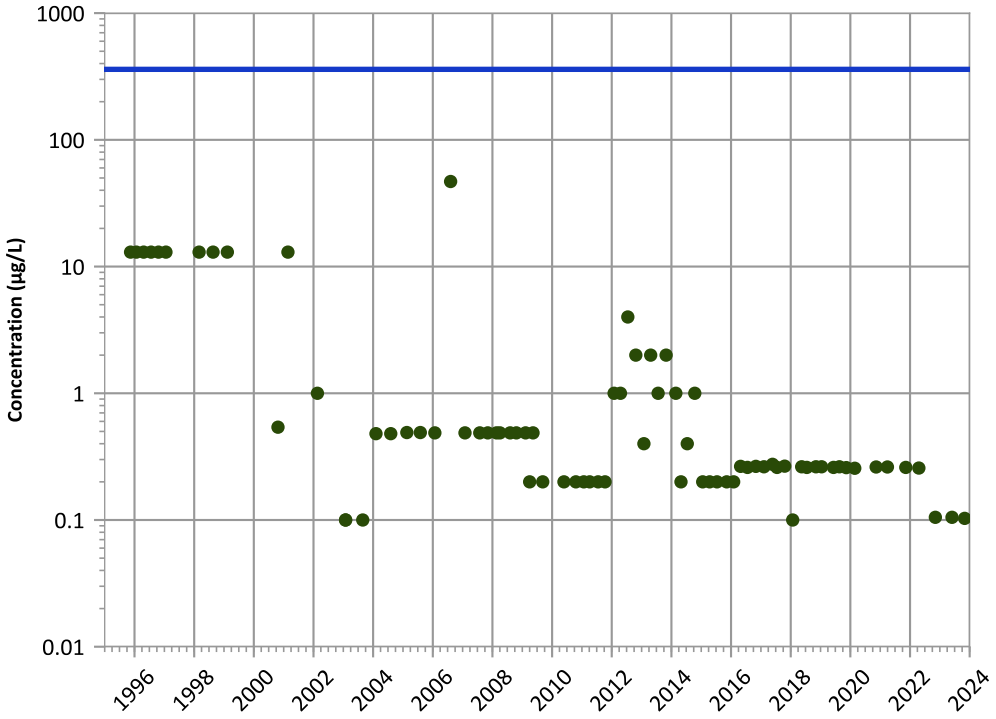
RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



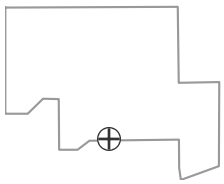
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

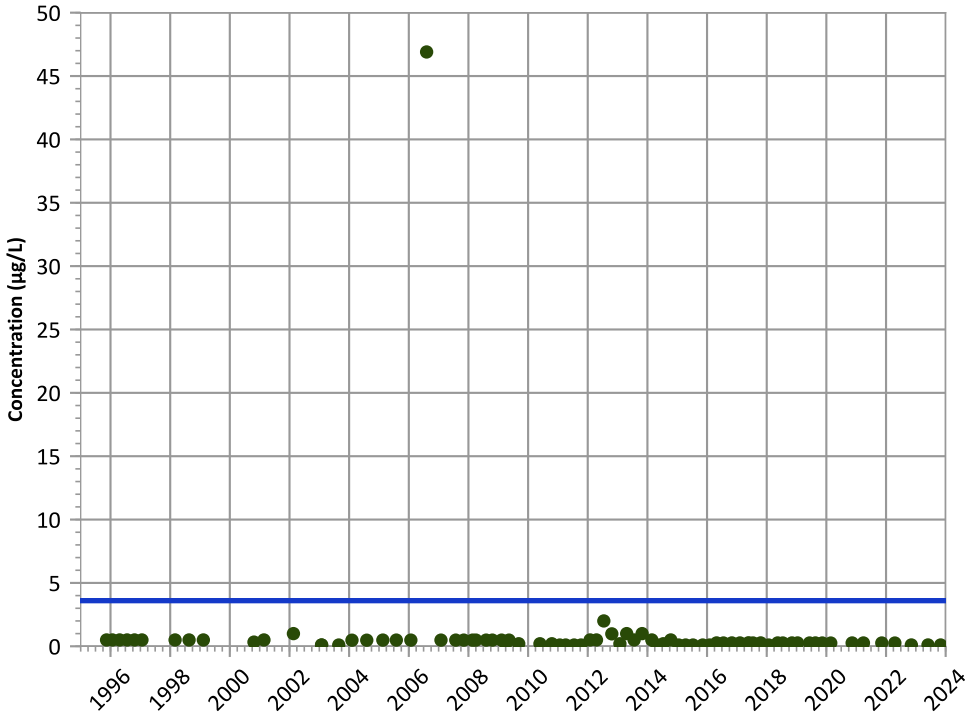
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

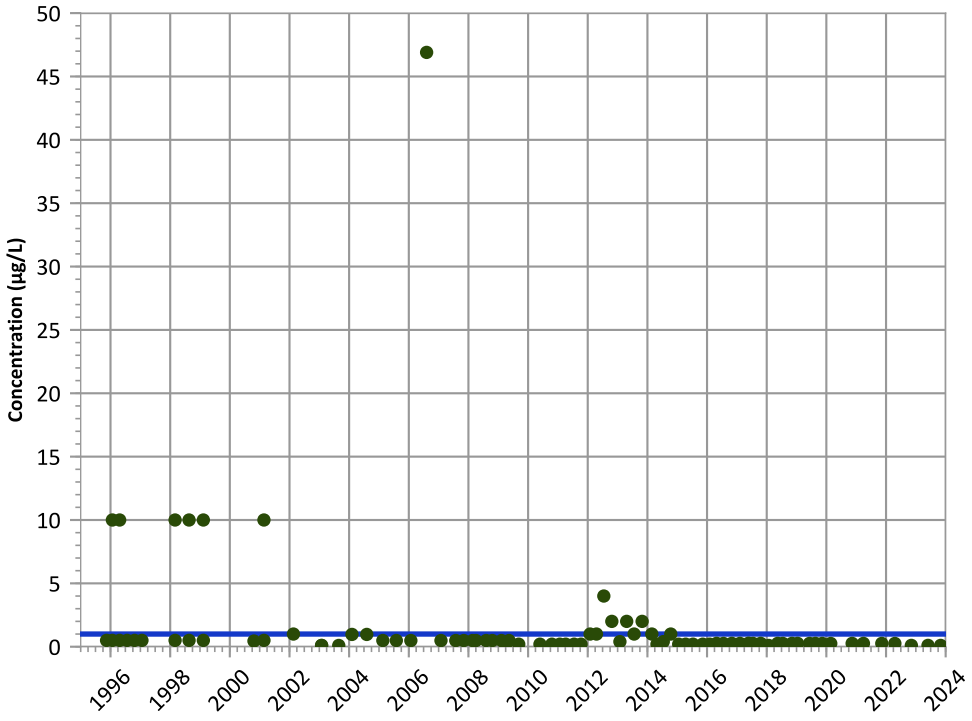


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

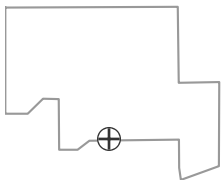
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

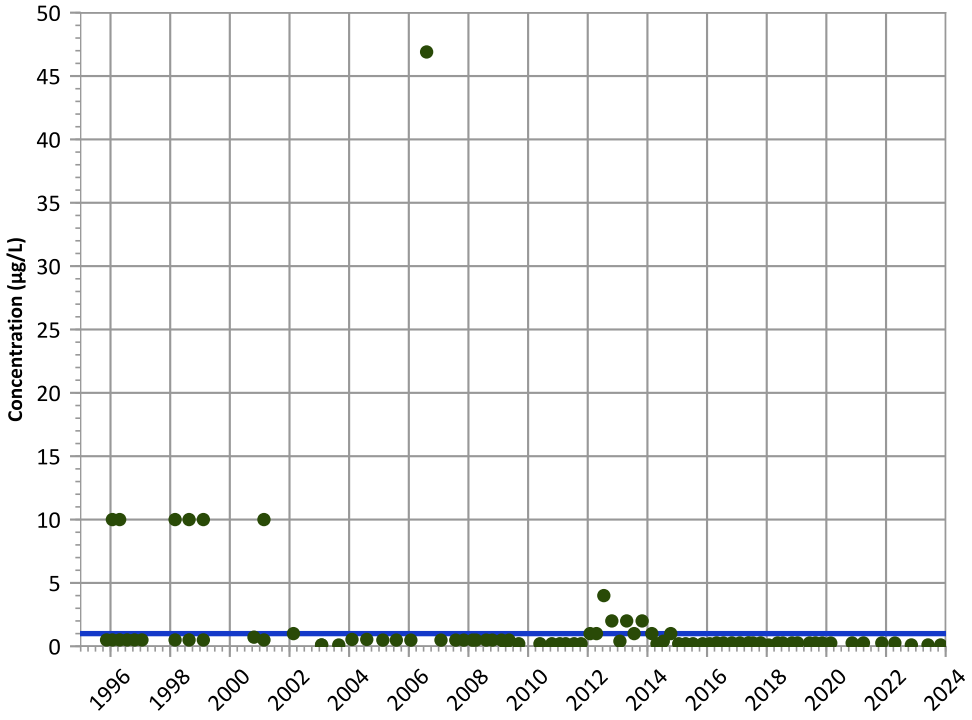
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

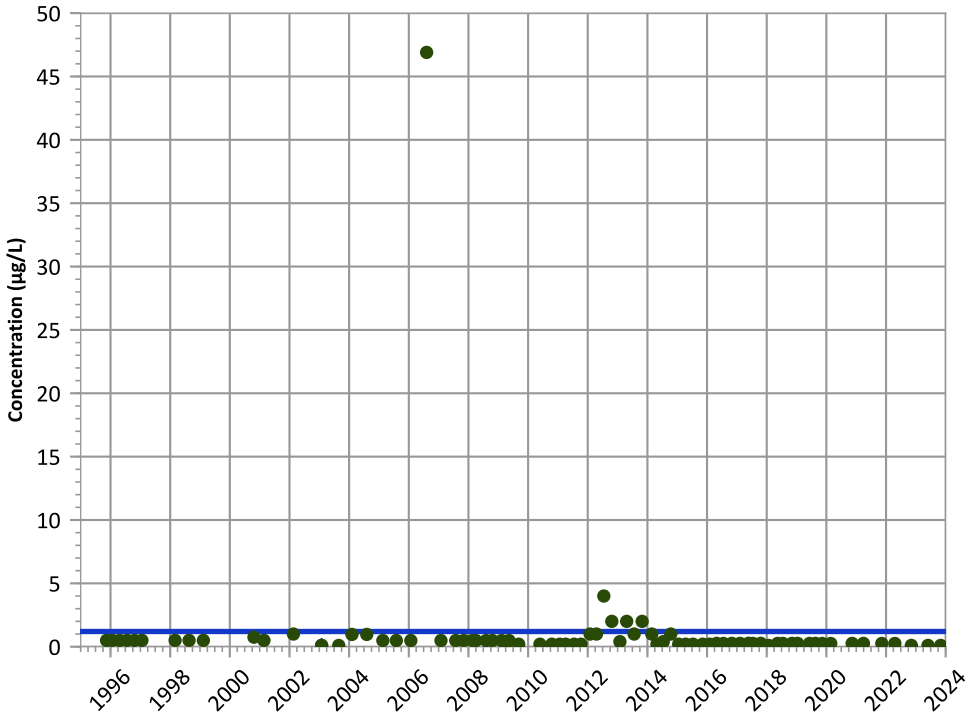
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



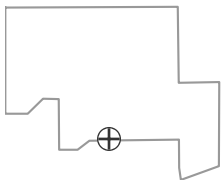
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

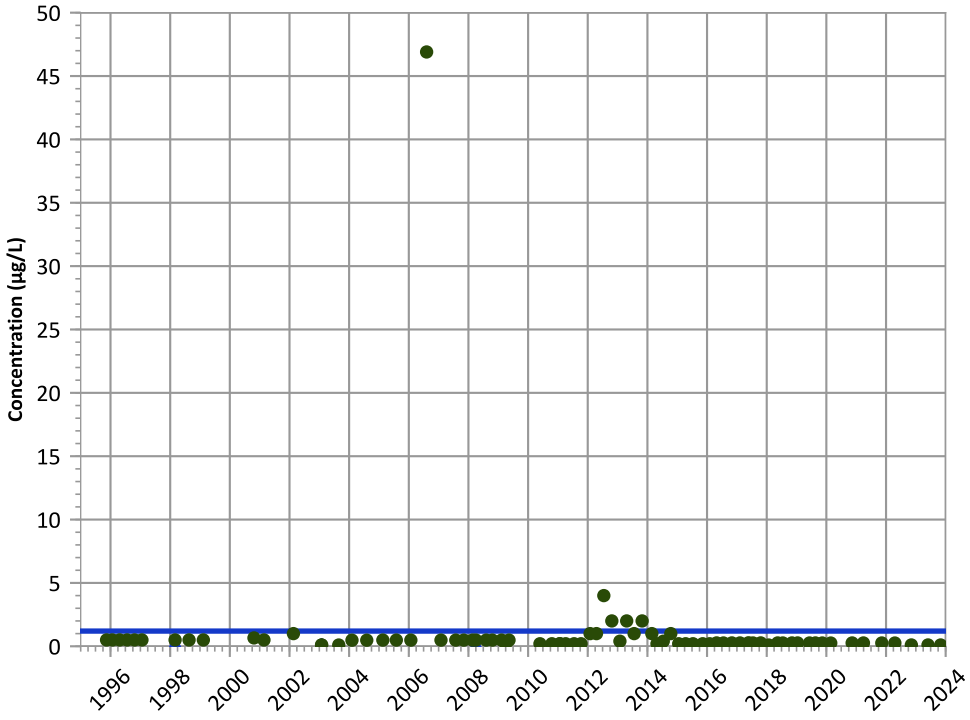
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

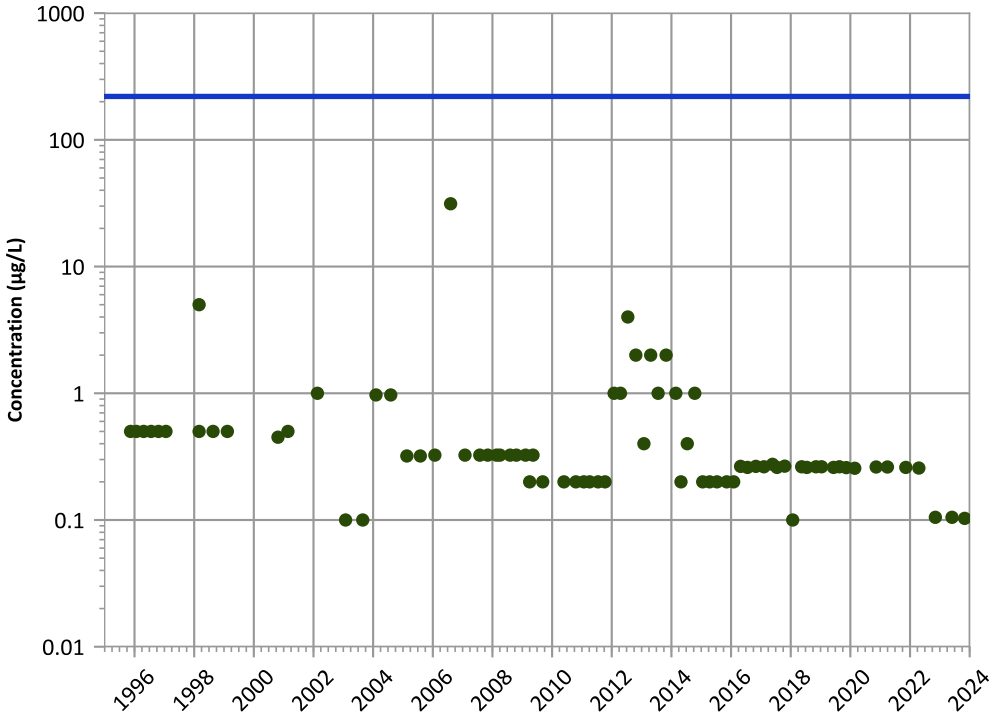


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

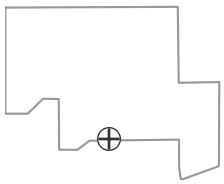
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

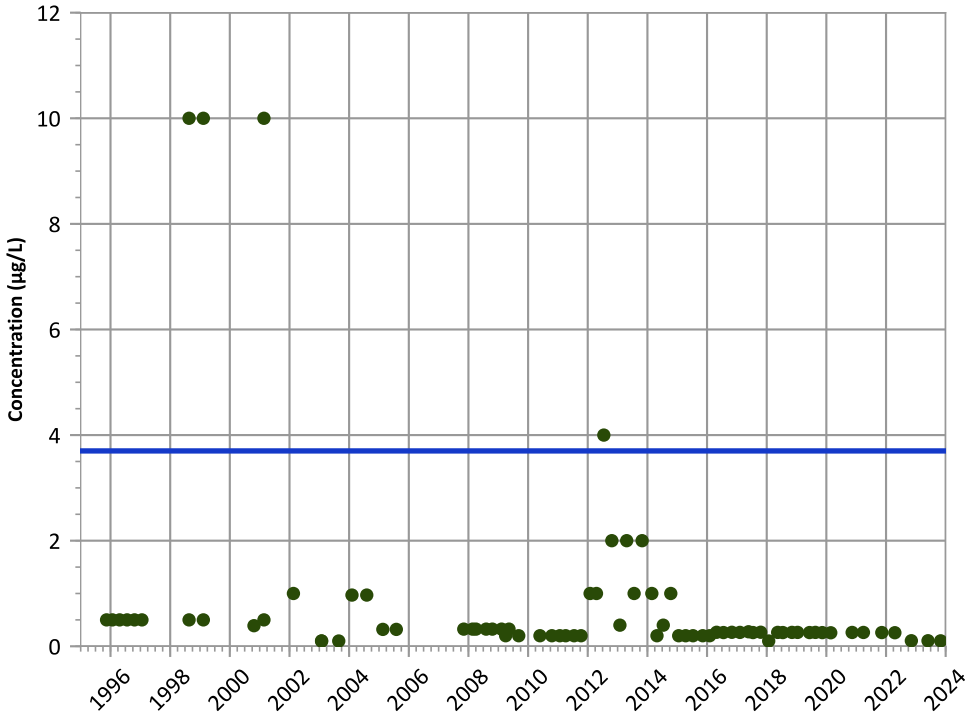
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

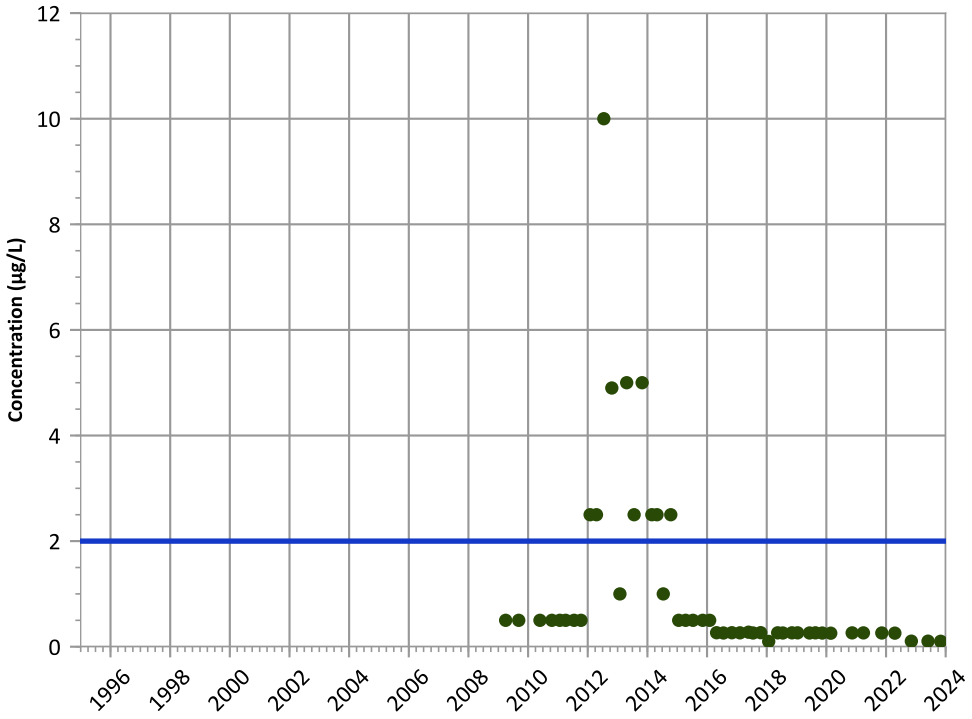


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

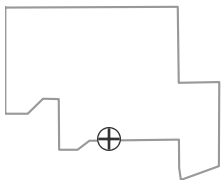
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

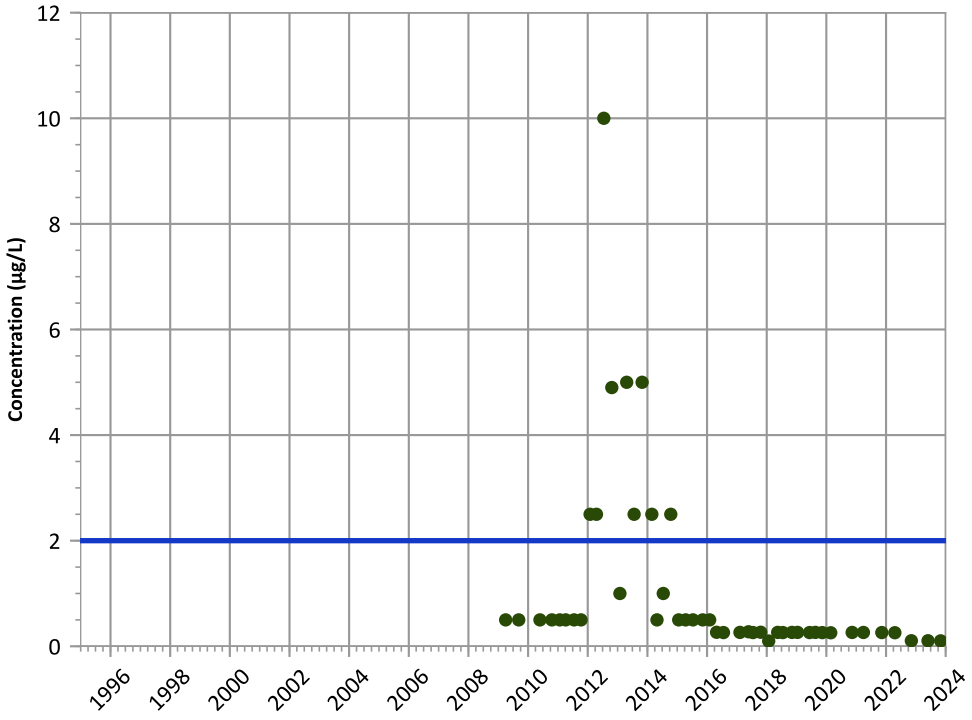
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

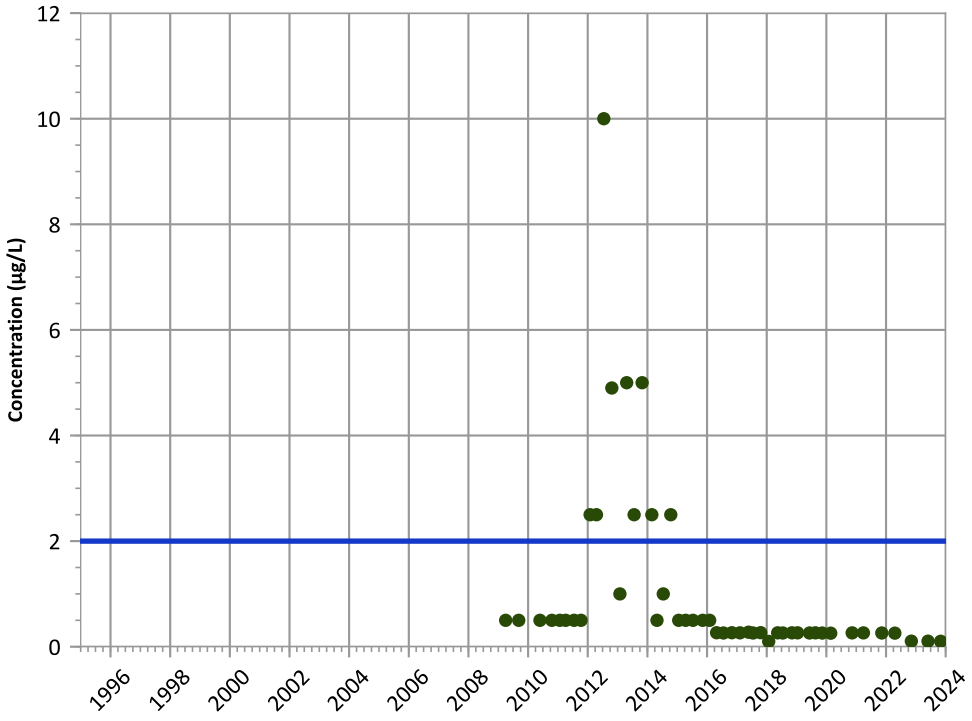
Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



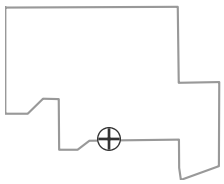
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

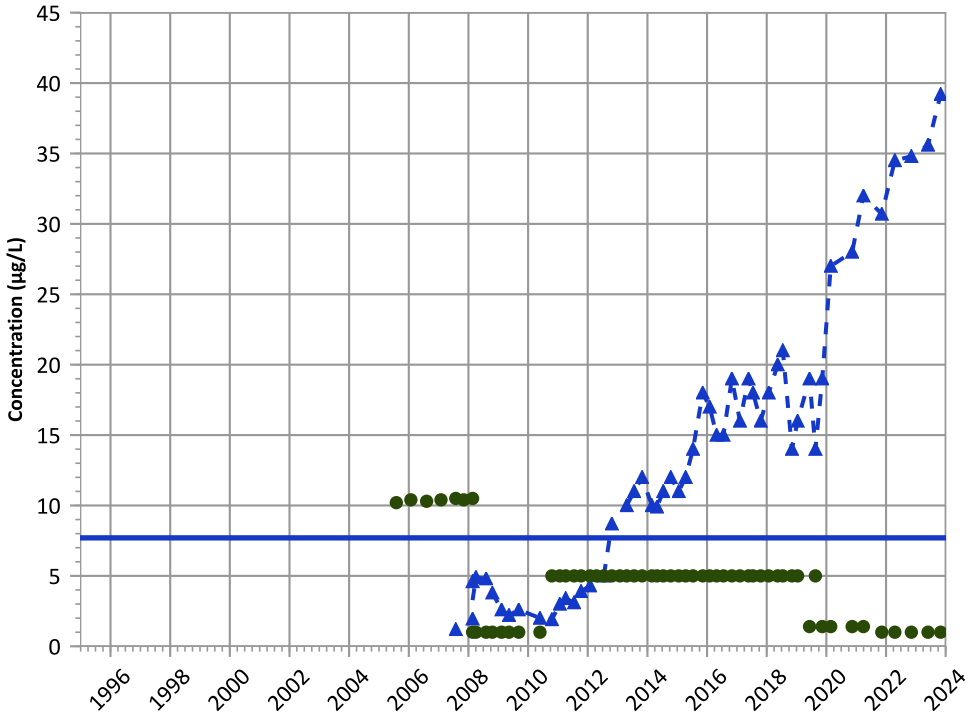
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

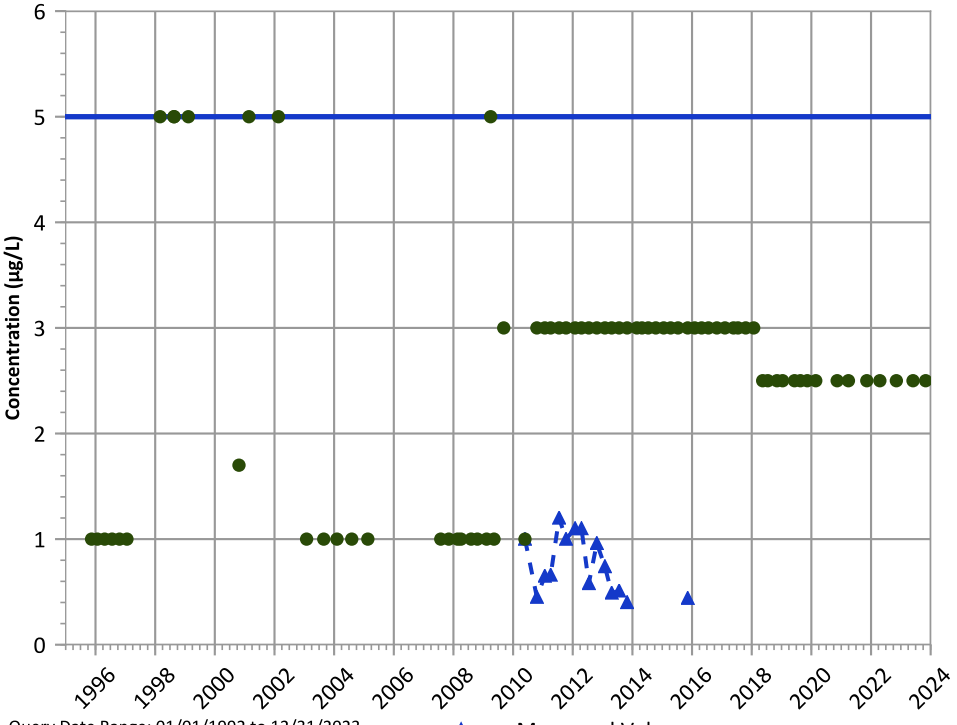


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Tetrachloroethylene (PCE) Trend

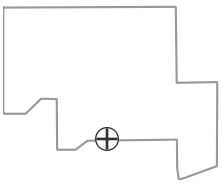


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Well Location

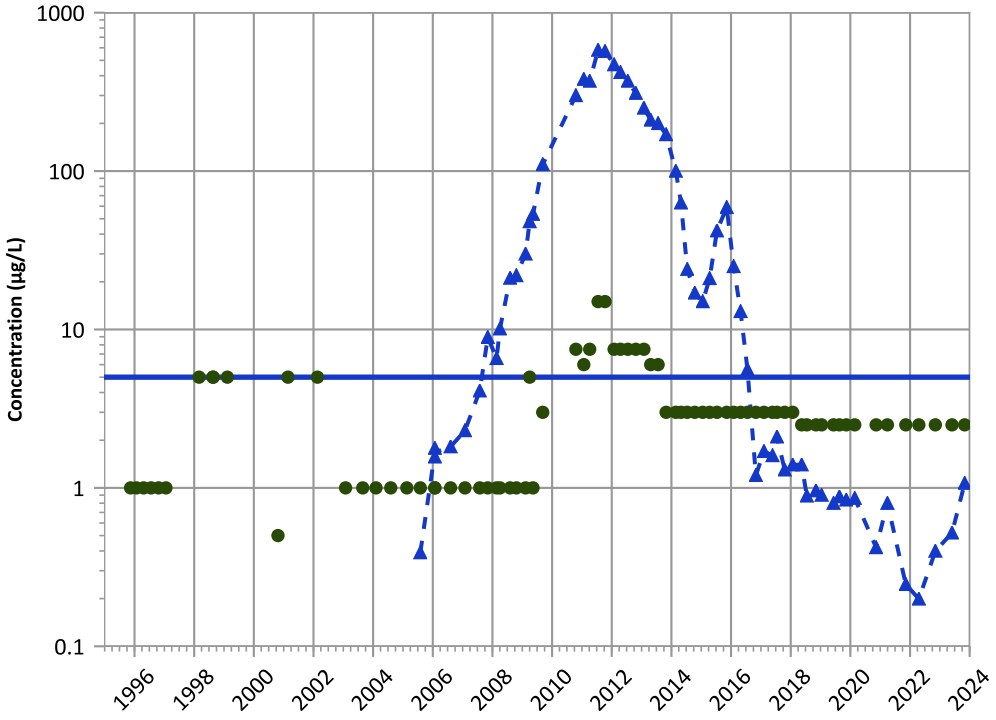


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

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

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

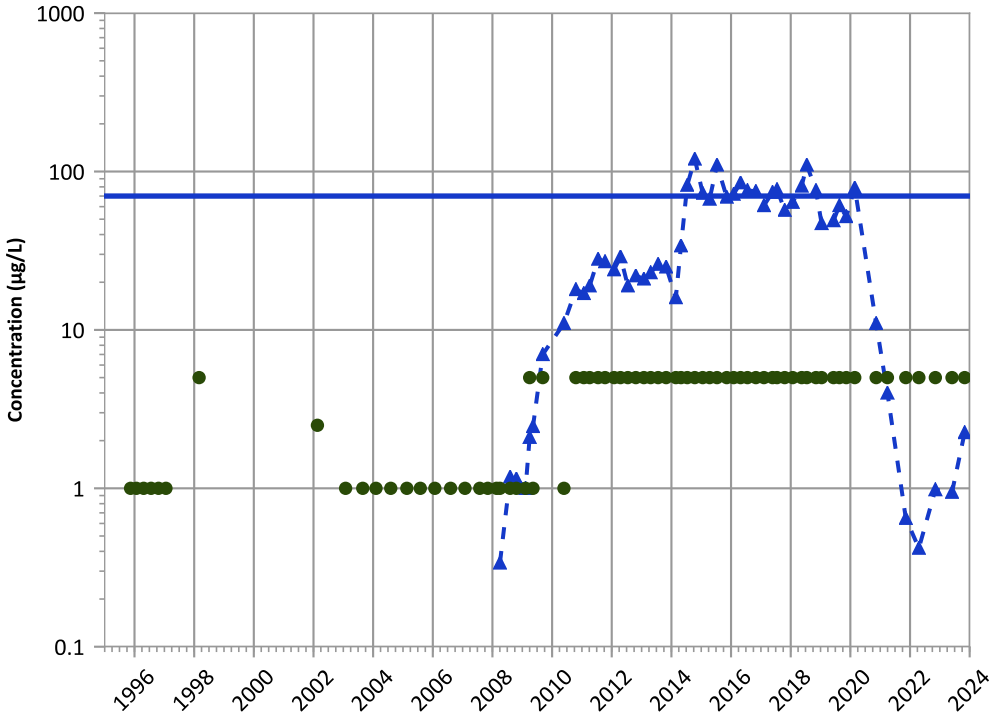


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend

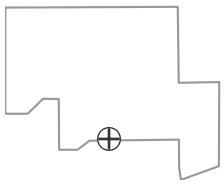


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Well Location

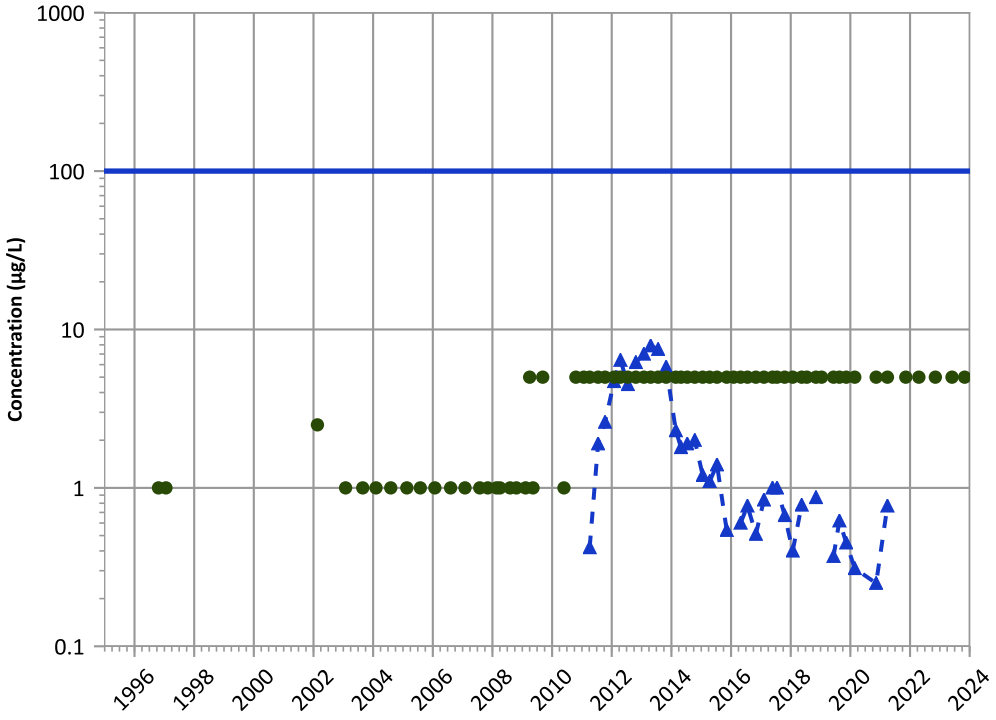


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

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

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

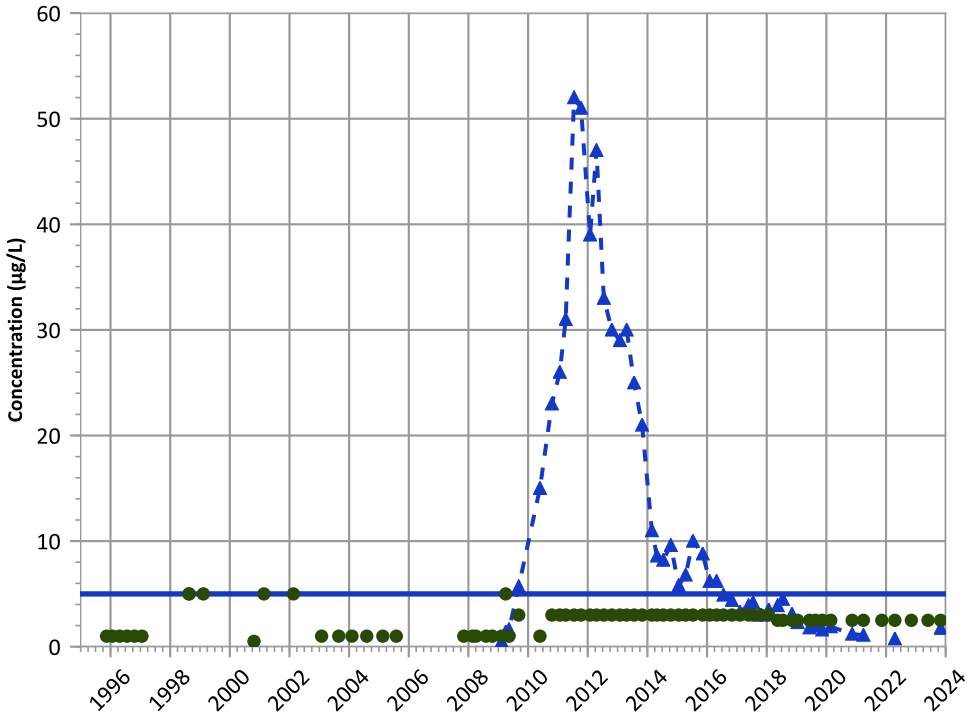


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

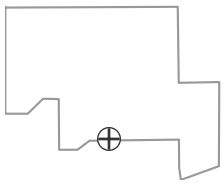
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

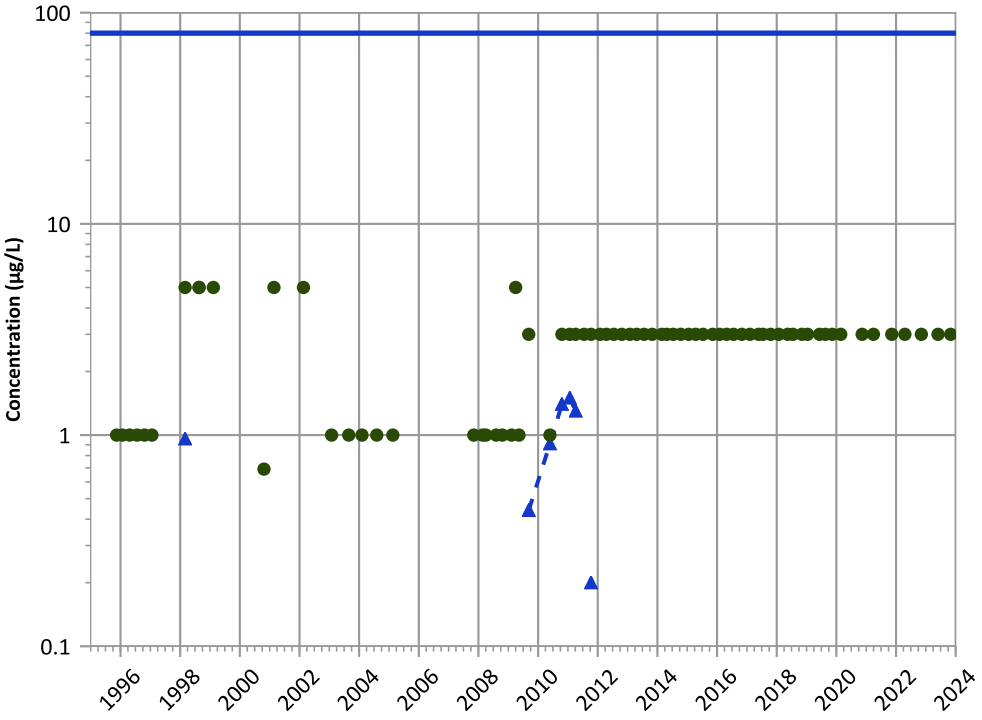
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

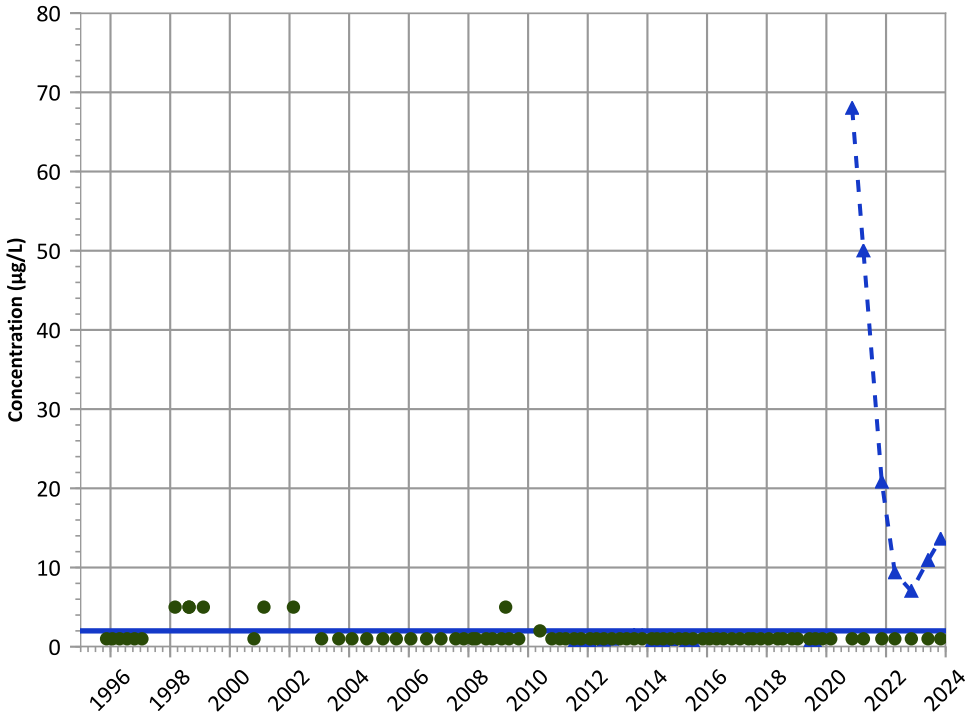


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Vinyl Chloride Trend

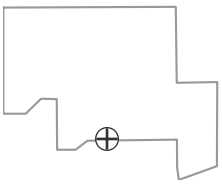


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Well Location

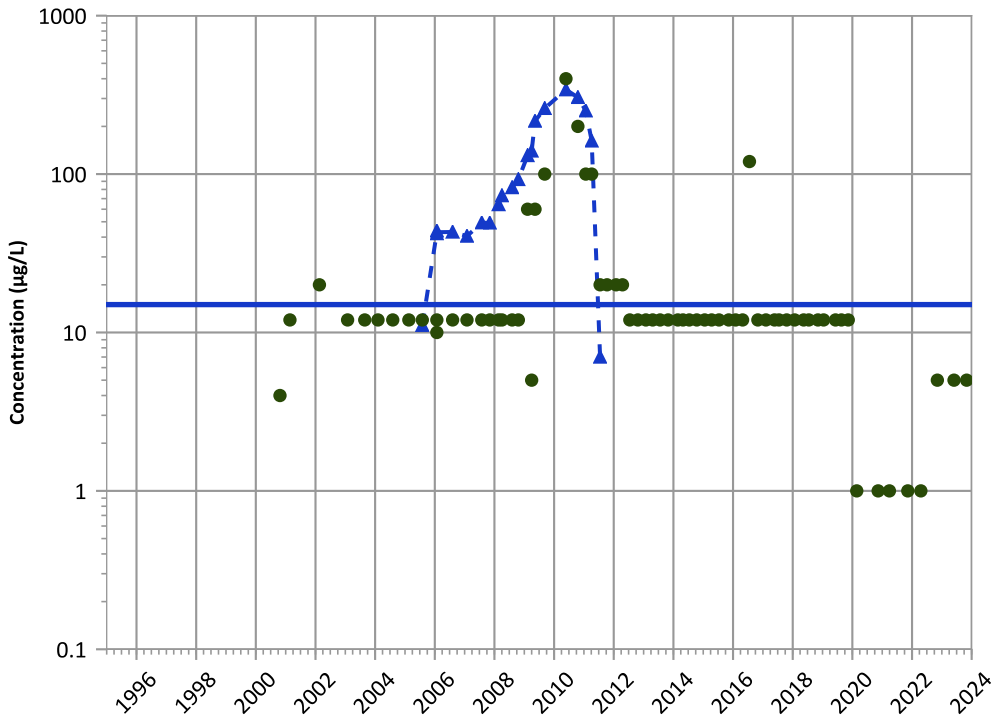


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

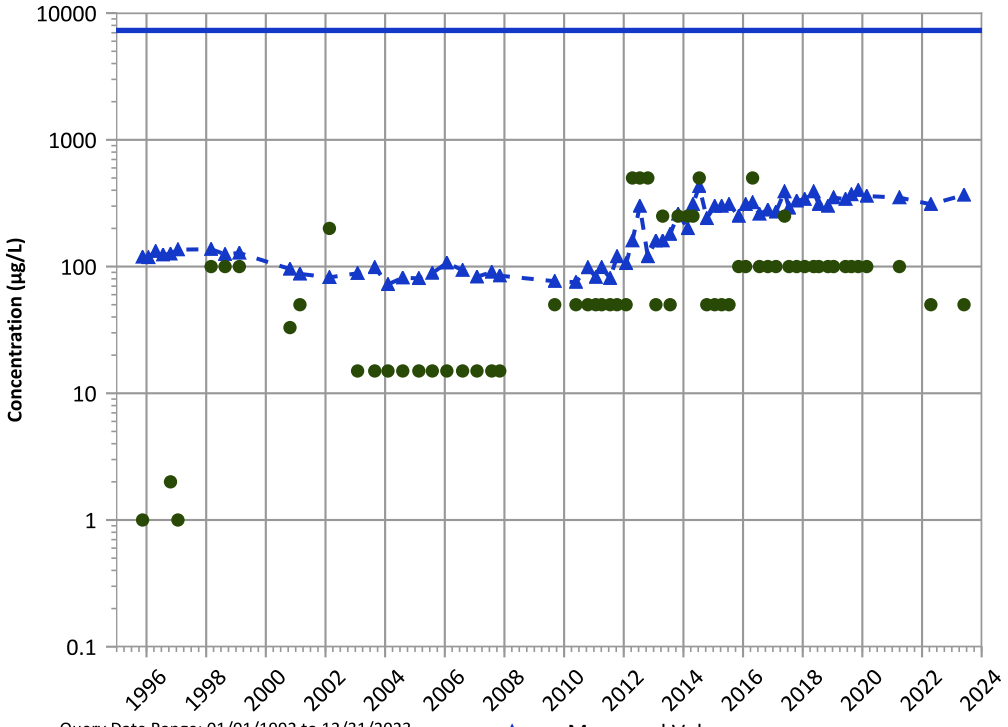


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Boron Trend



Concentration Trend

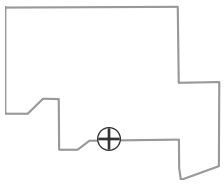
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

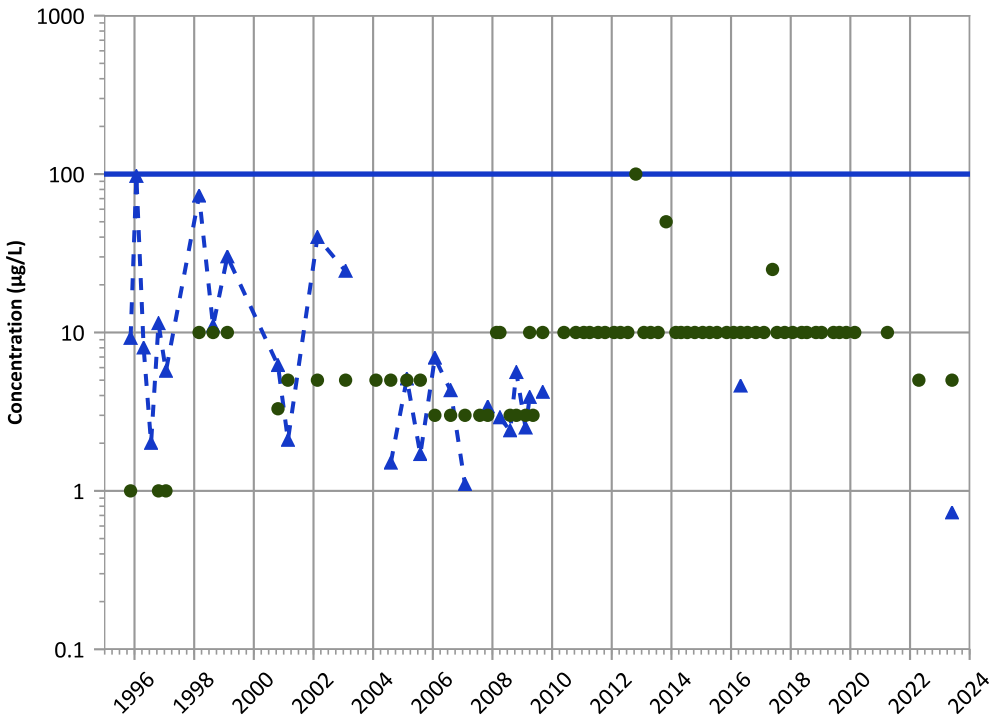
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

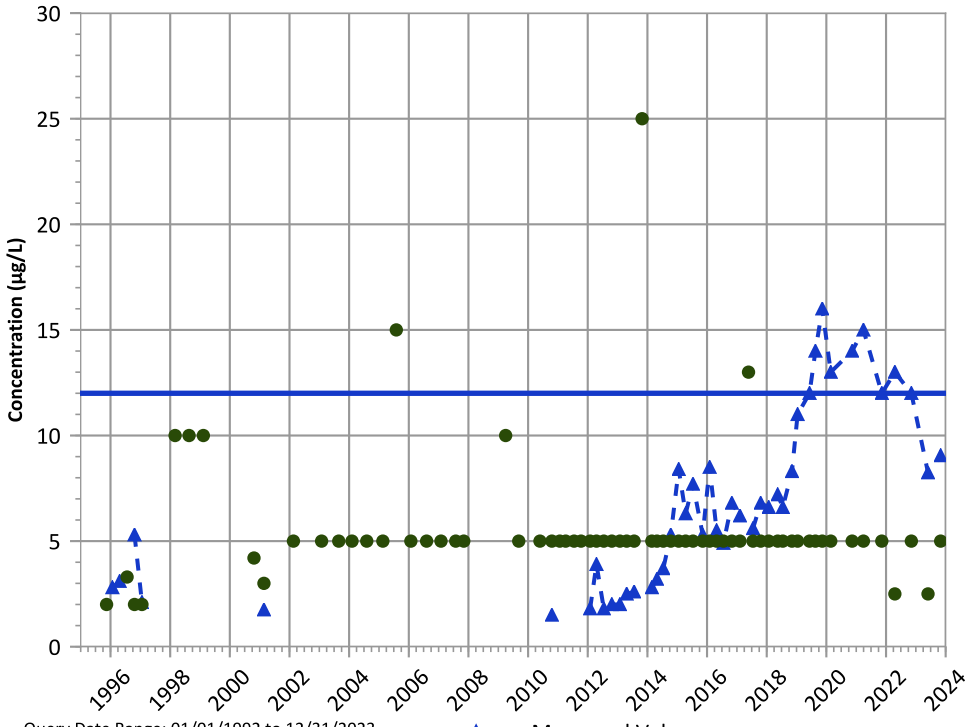


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Stable

Arsenic Trend

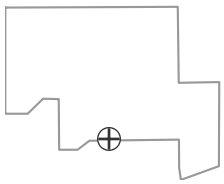


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Well Location

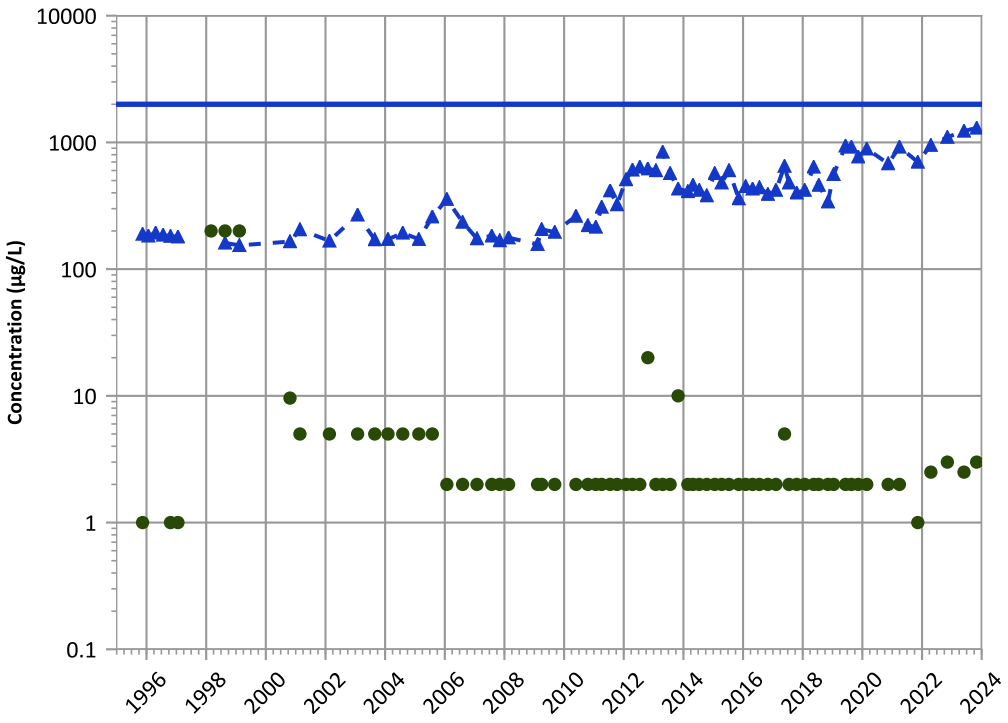


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

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

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

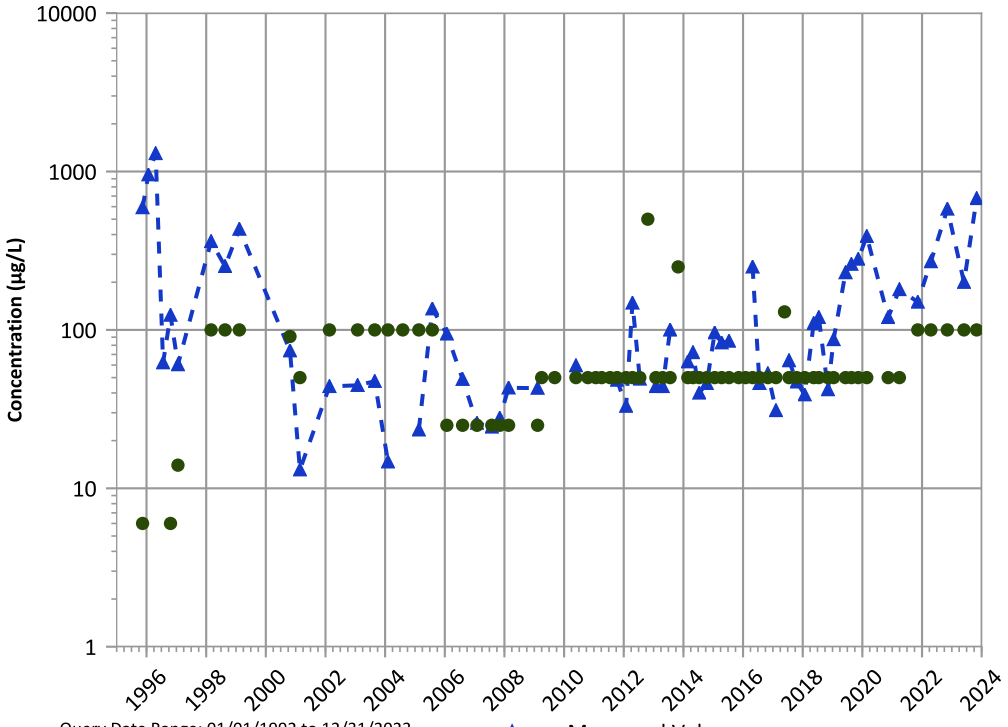


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Iron Trend



Concentration Trend

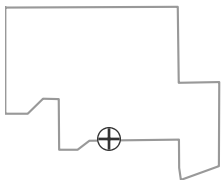
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

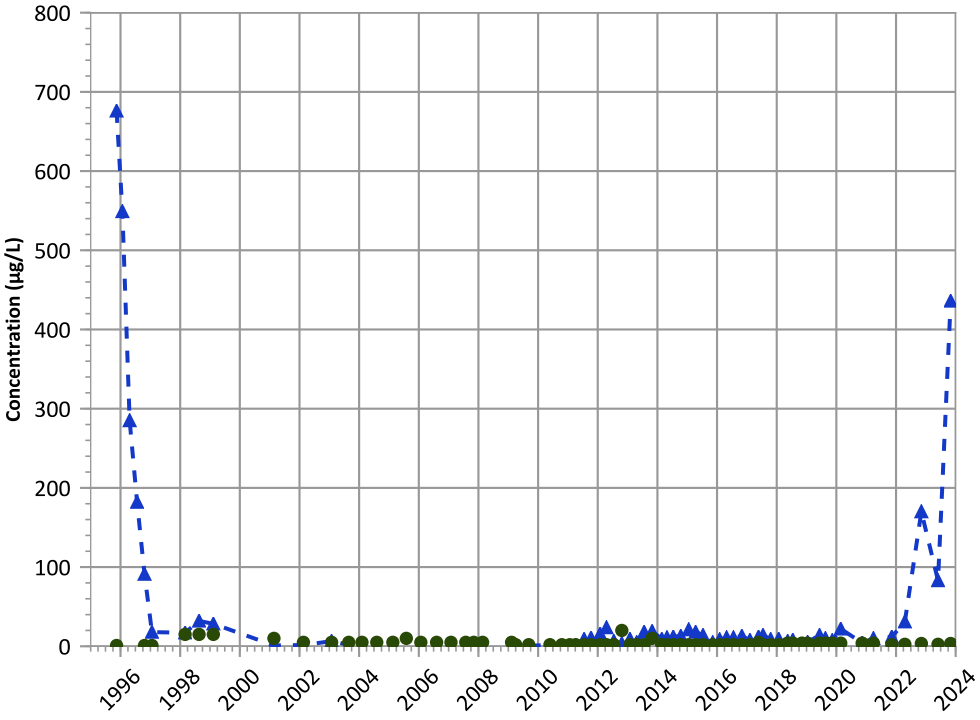
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

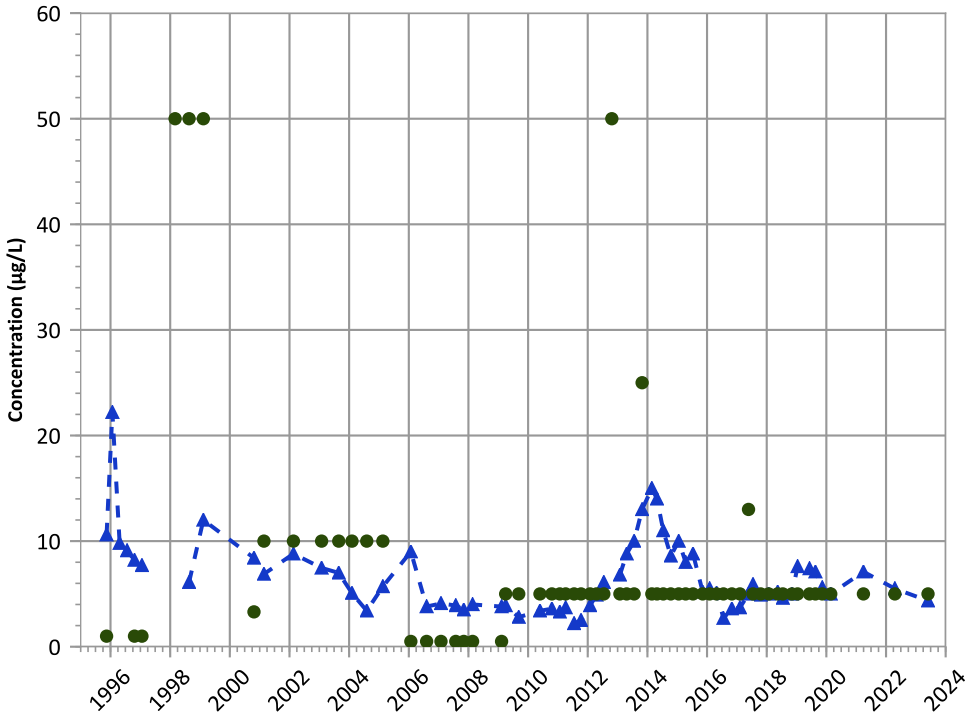


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Molybdenum Trend



Concentration Trend

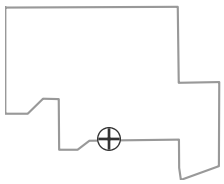
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

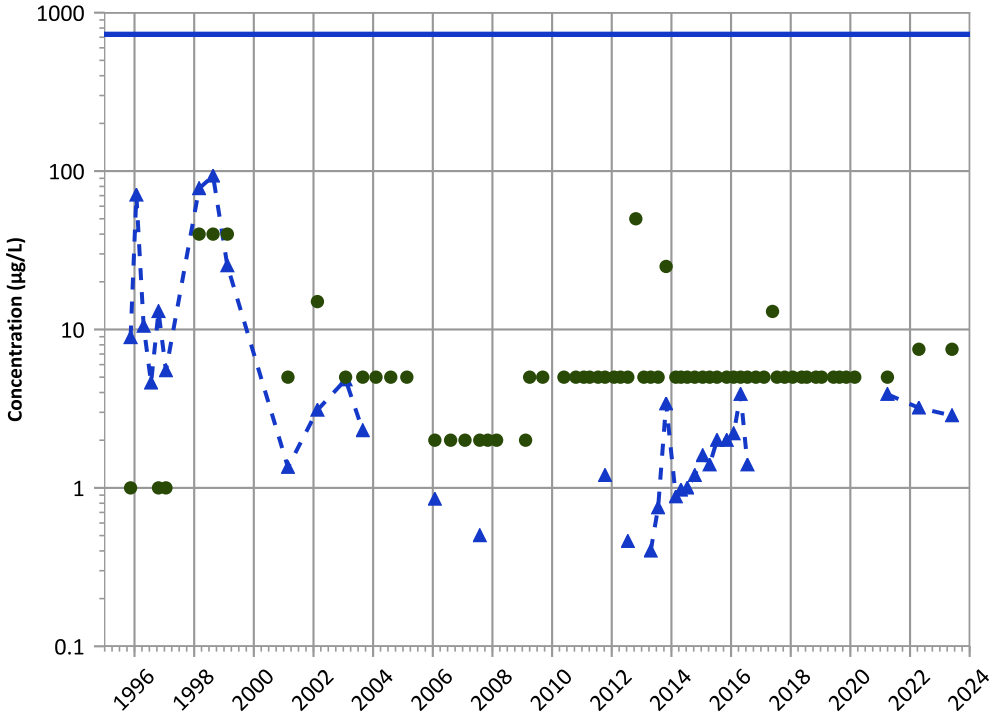
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

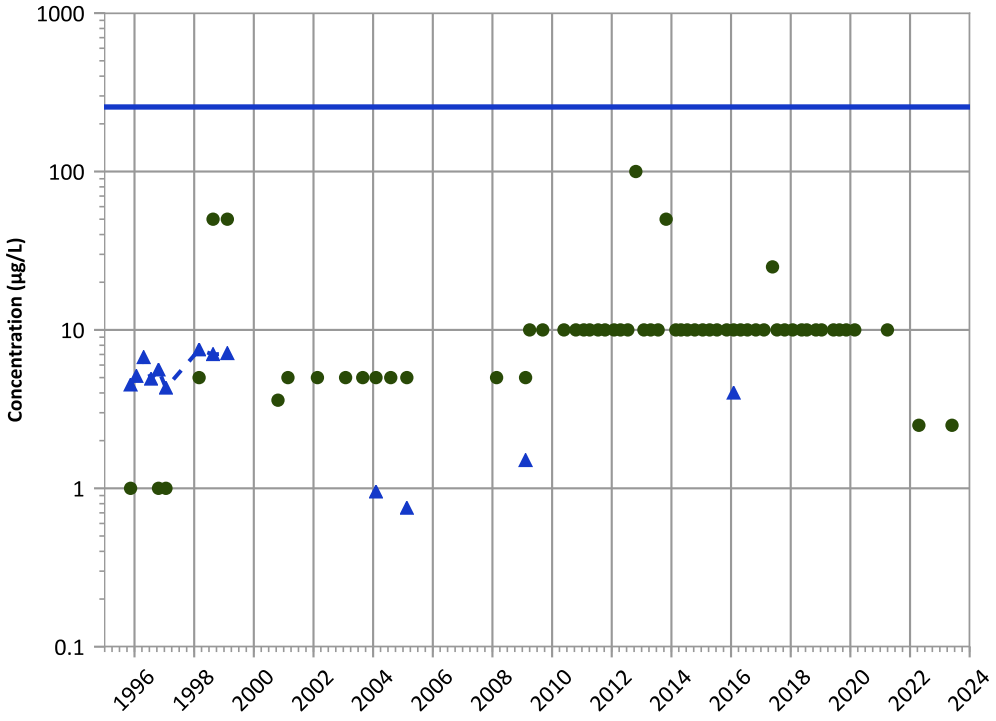


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

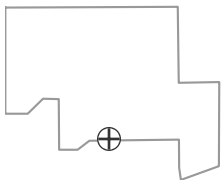
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

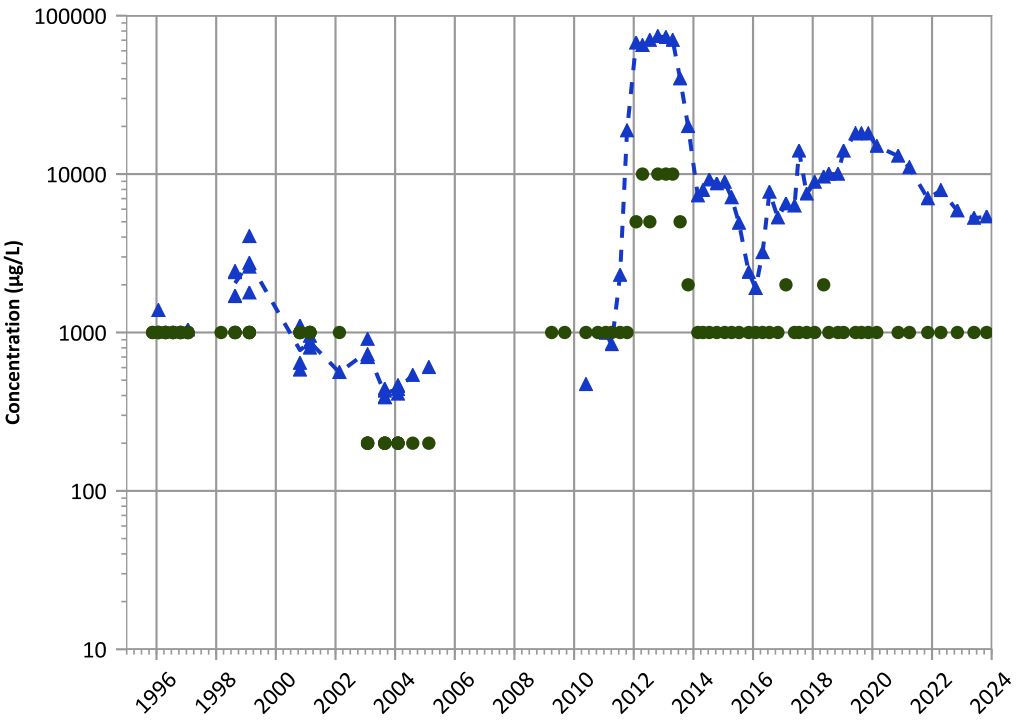
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

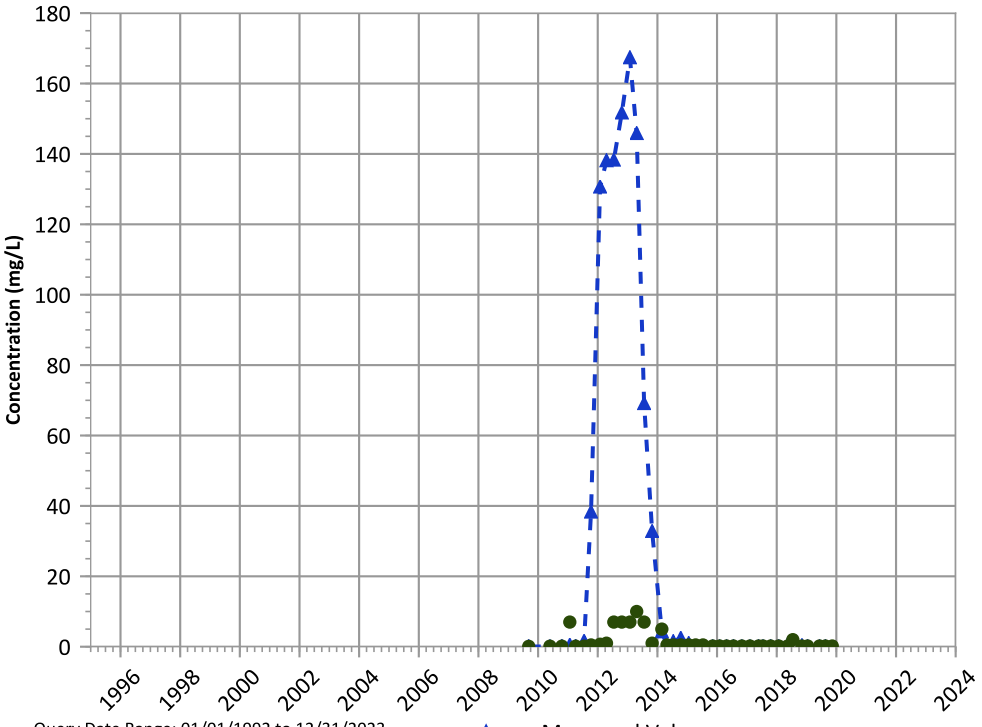


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Total Volatile Fatty Acids Trend



Concentration Trend

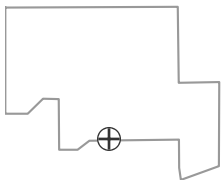
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

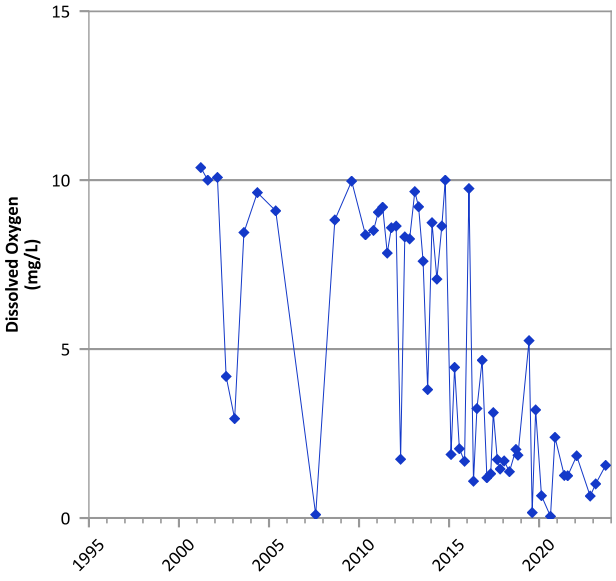
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/14/1995 to 11/01/2023
Analysis Date: 04/01/2024

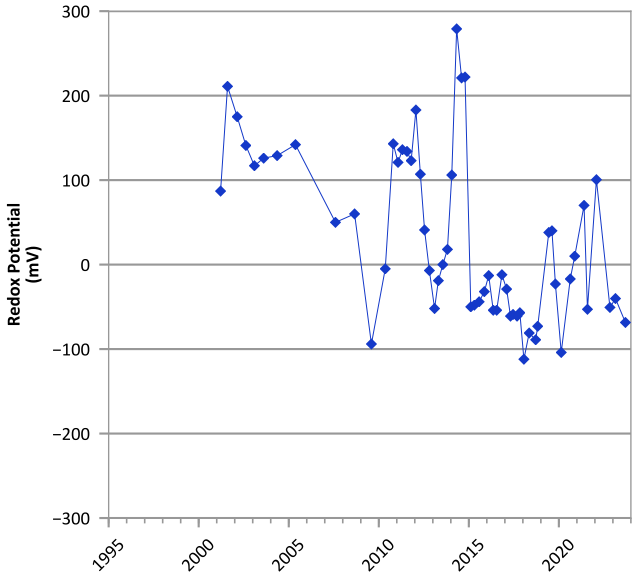
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

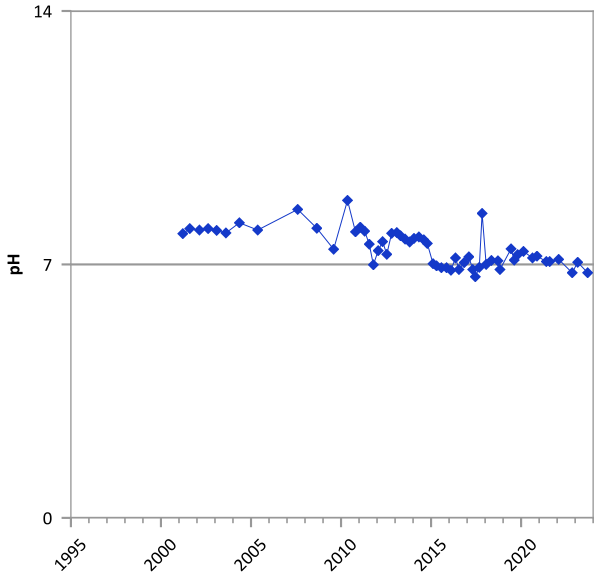
Well Location

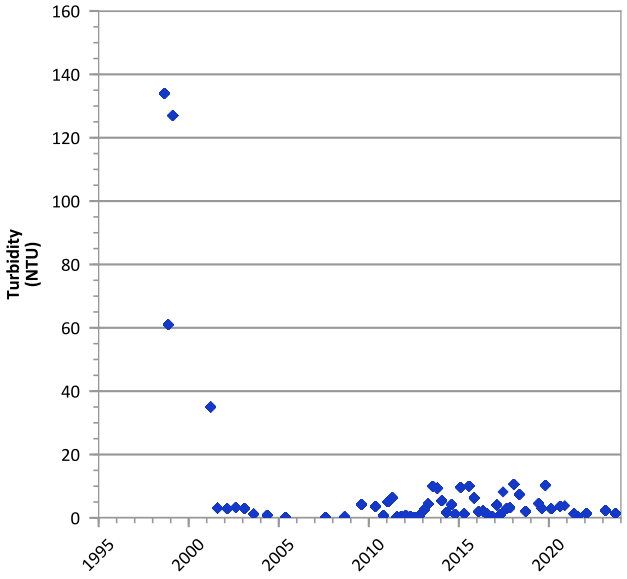


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

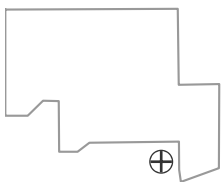






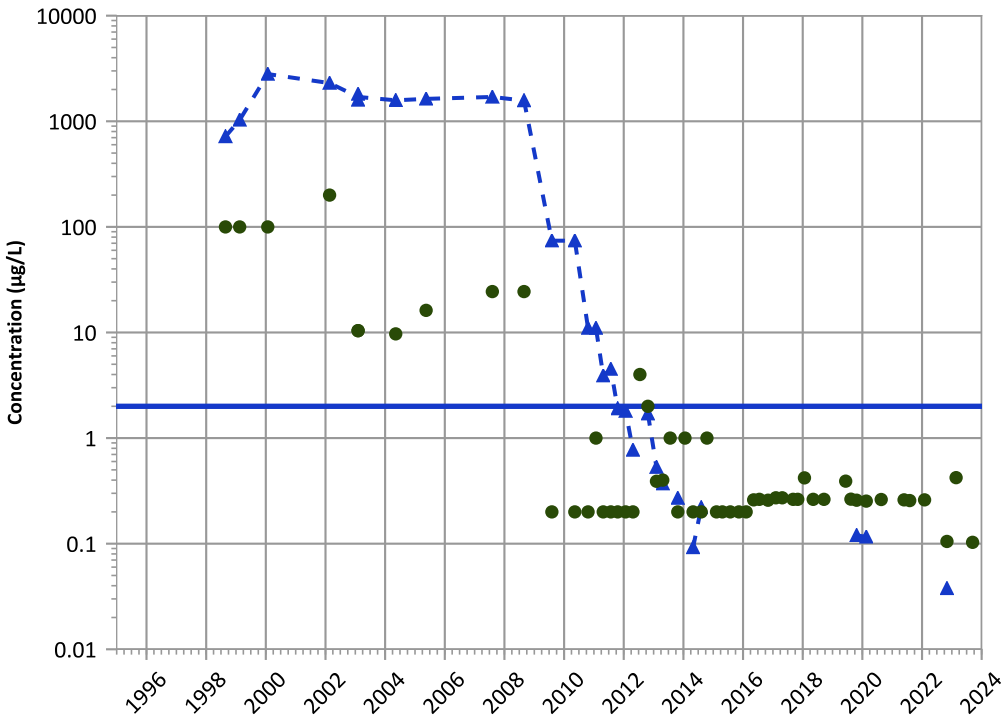


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

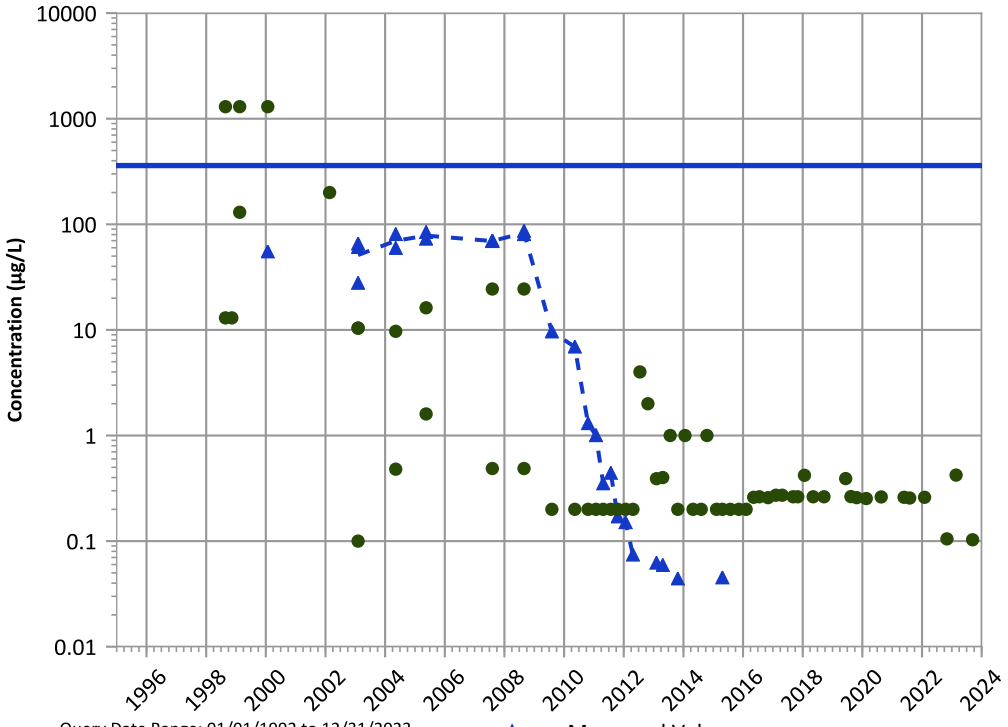


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

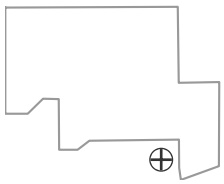
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

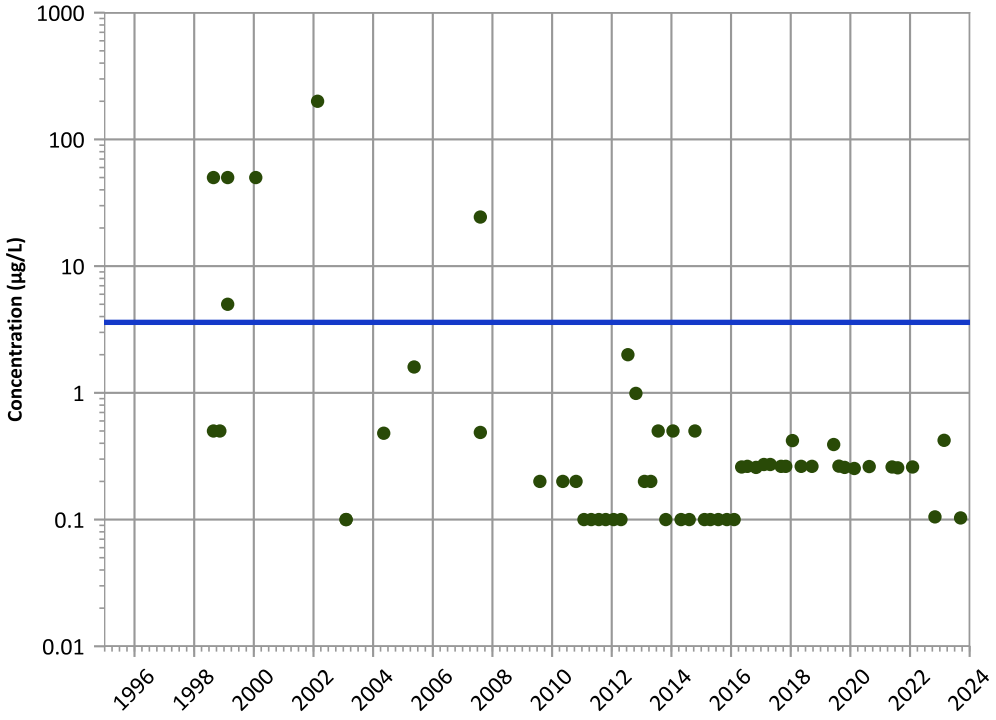
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

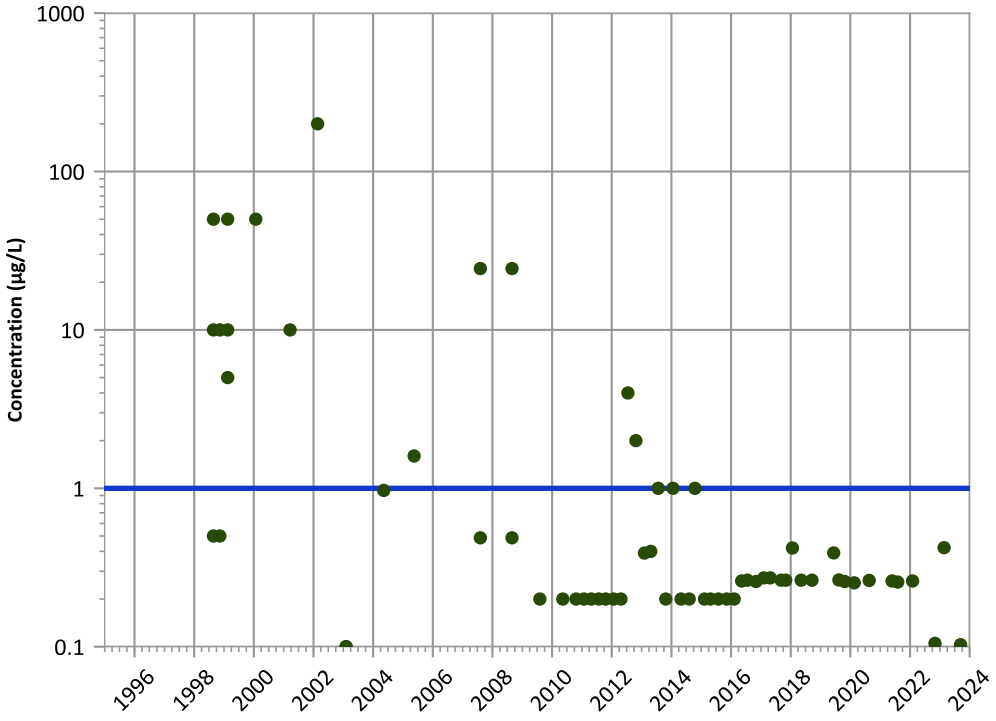
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



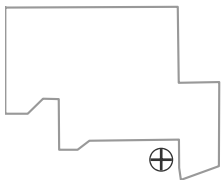
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

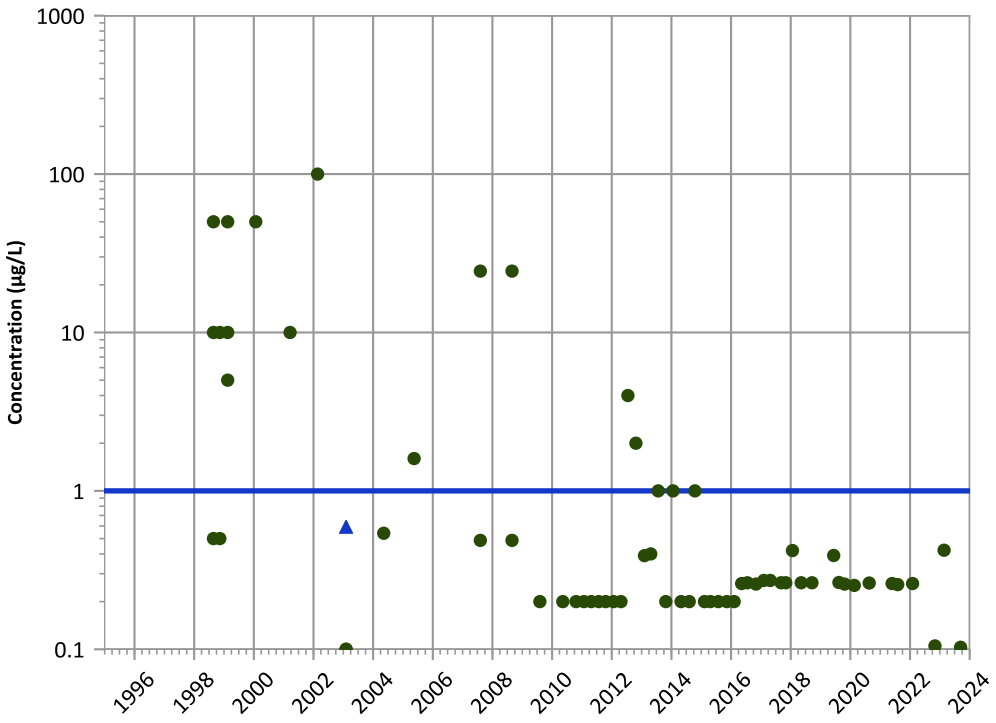
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

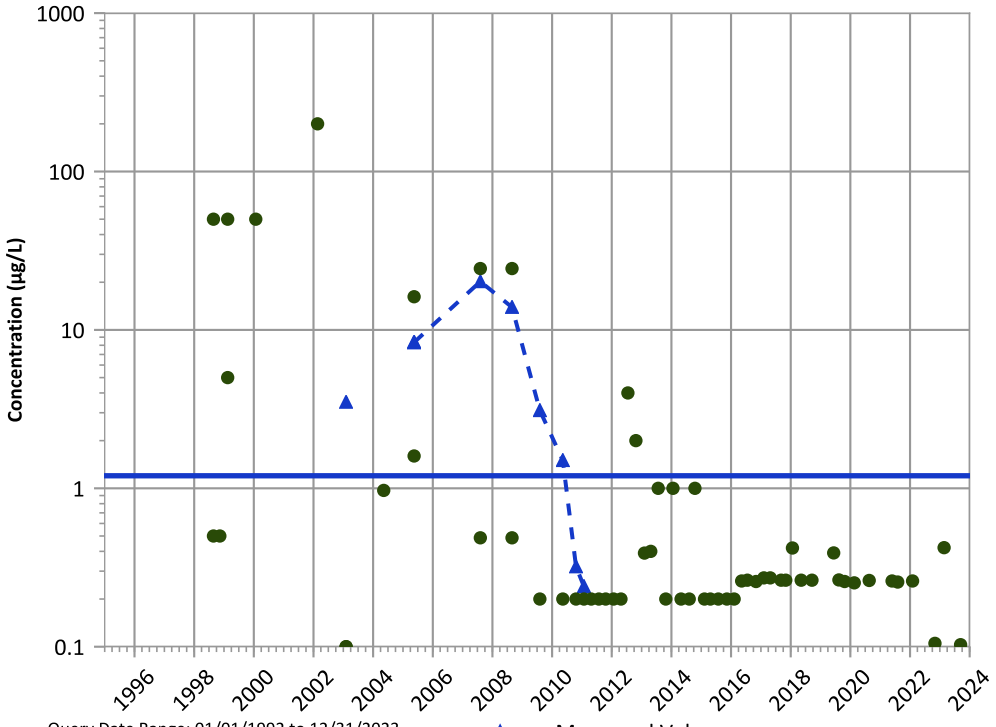


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

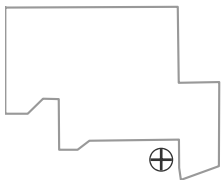
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

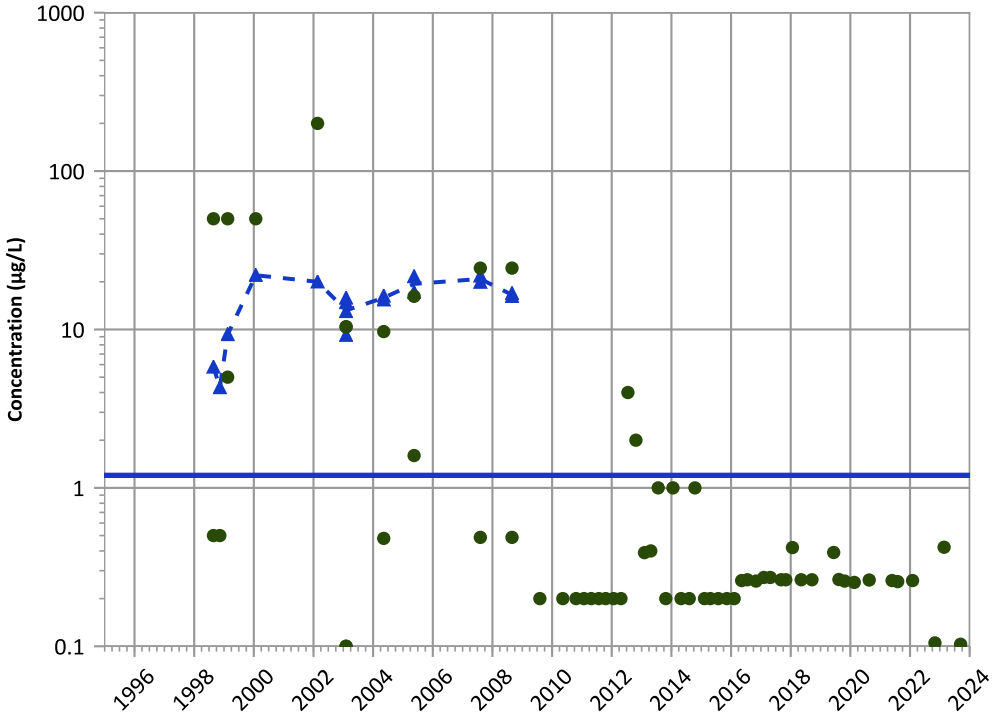
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

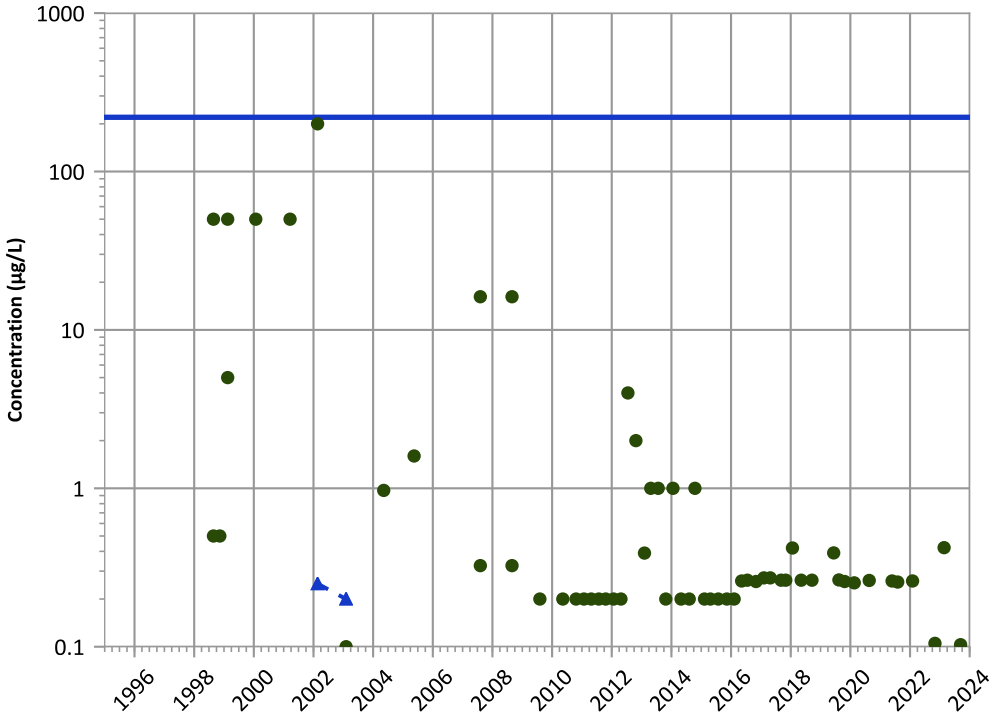


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

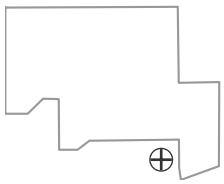
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

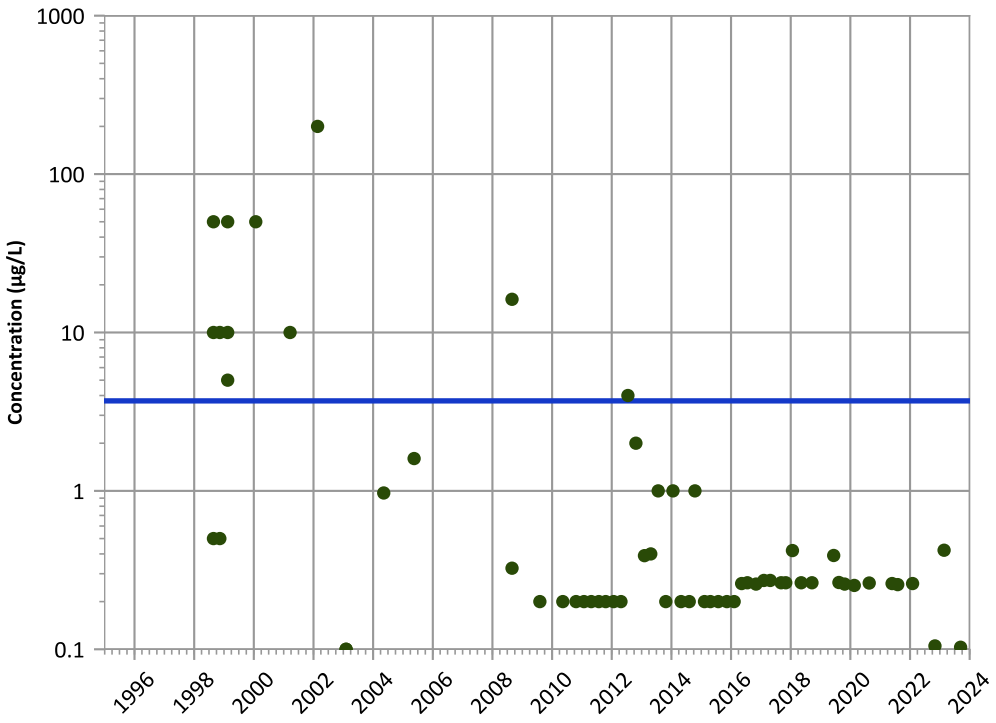
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

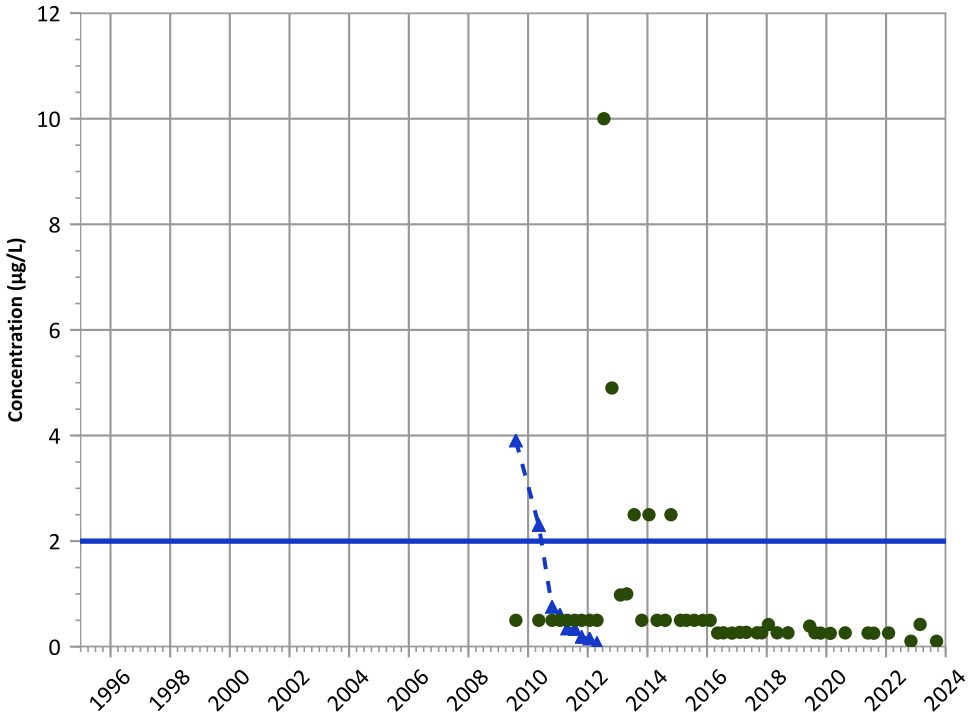


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

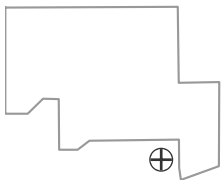
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

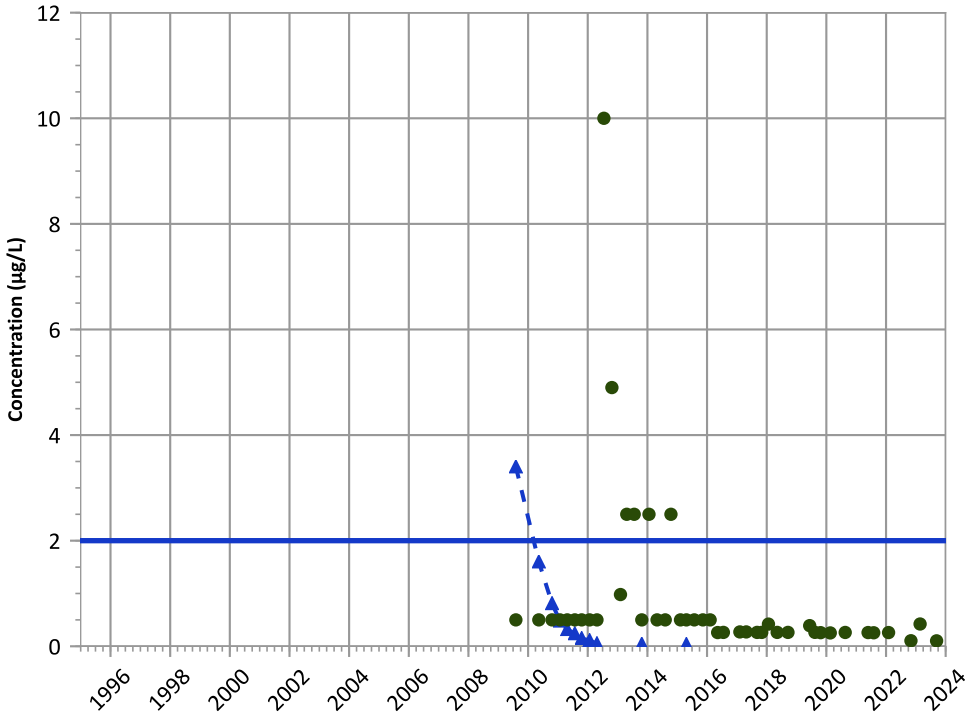
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

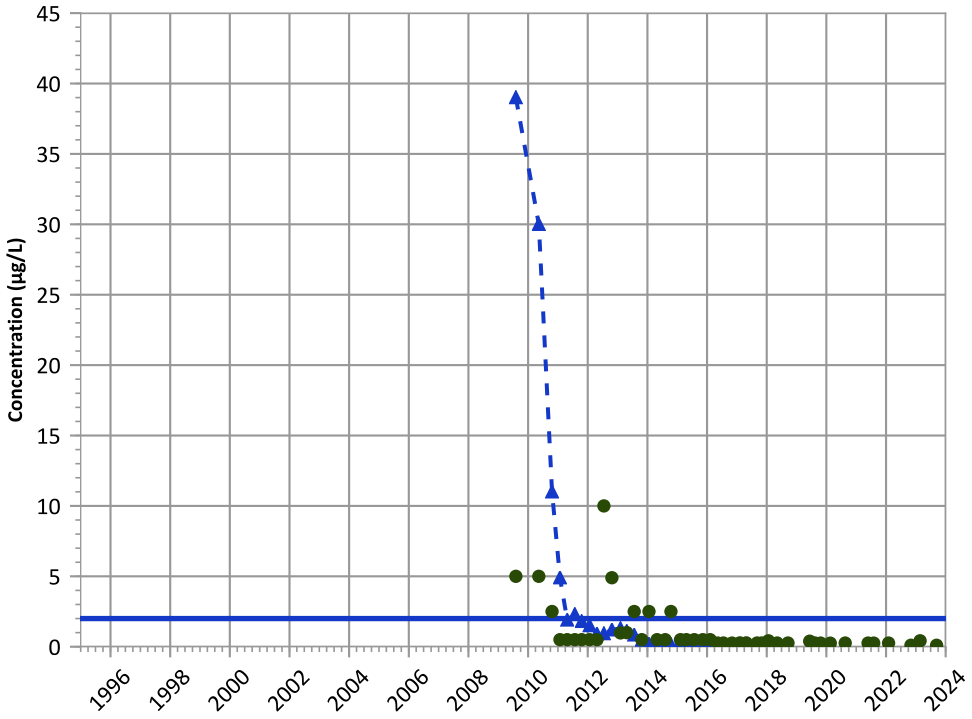


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

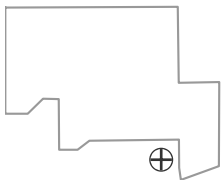
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

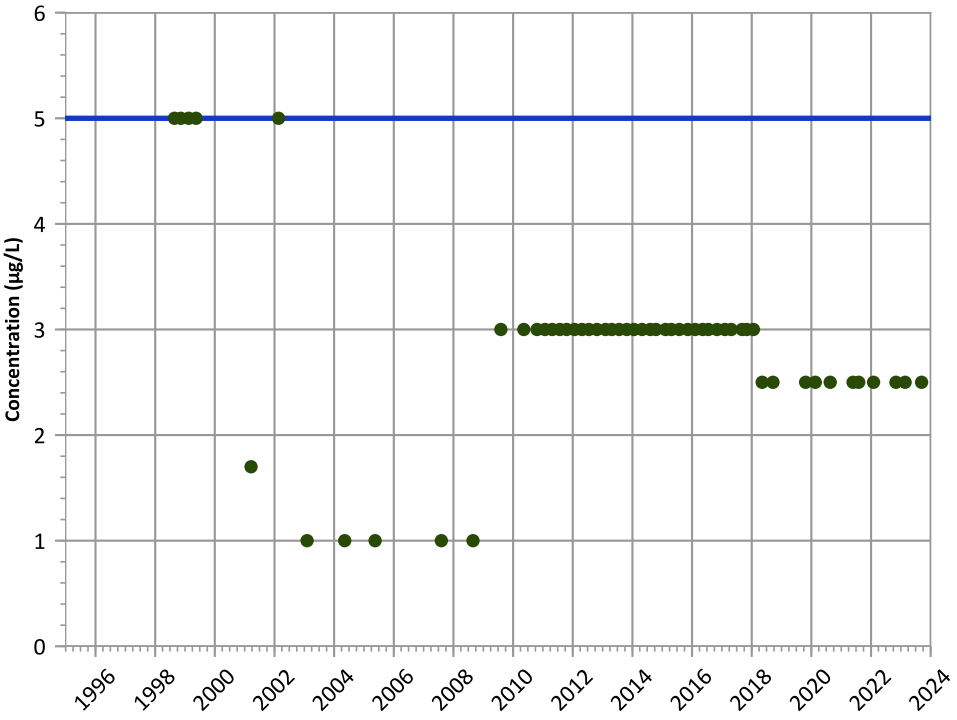
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

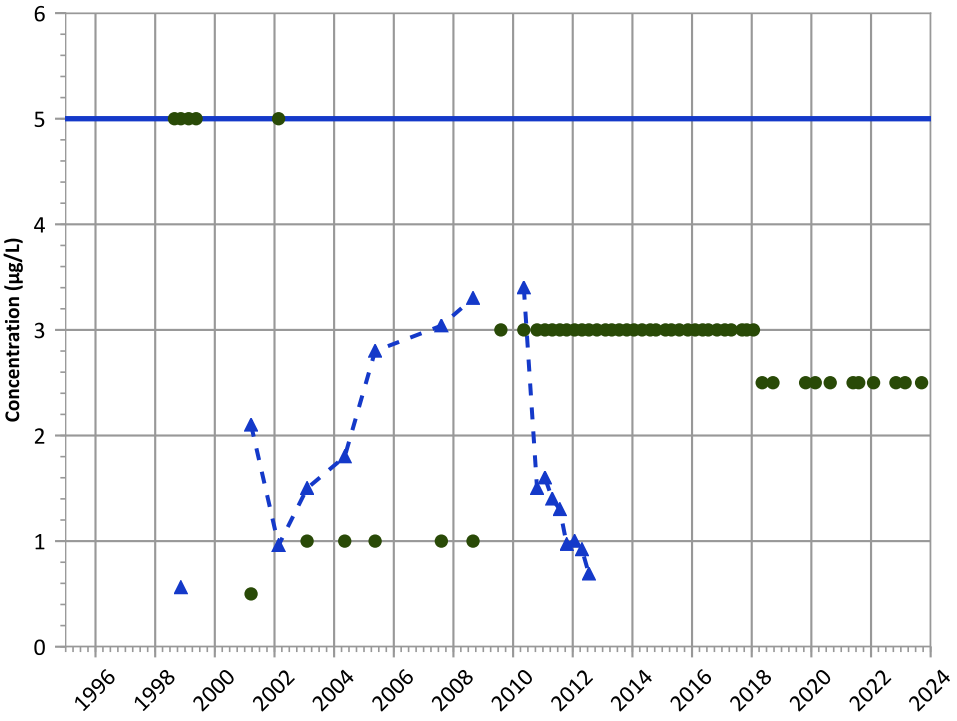


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

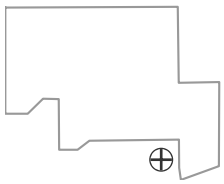
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

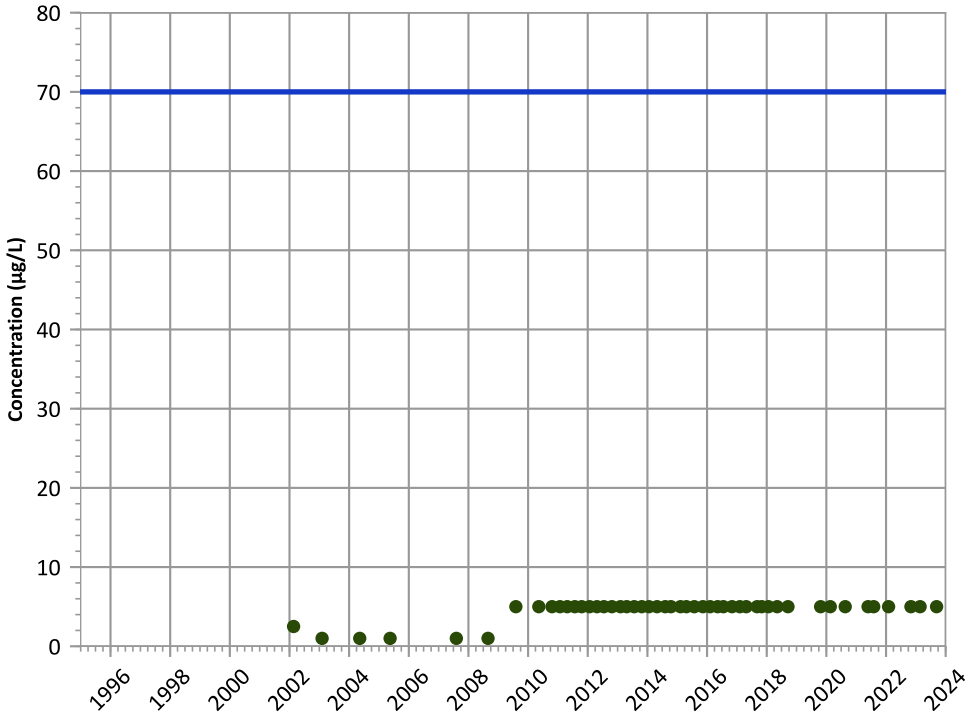
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

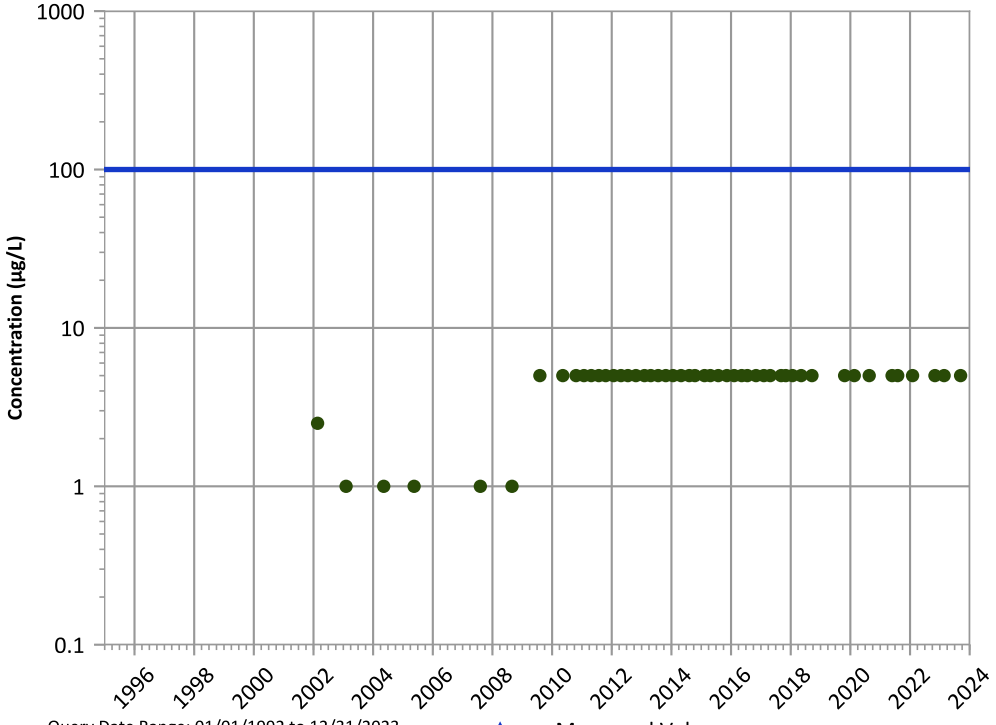
cis-1,2-Dichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



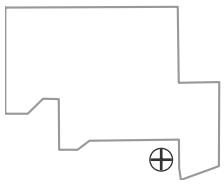
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

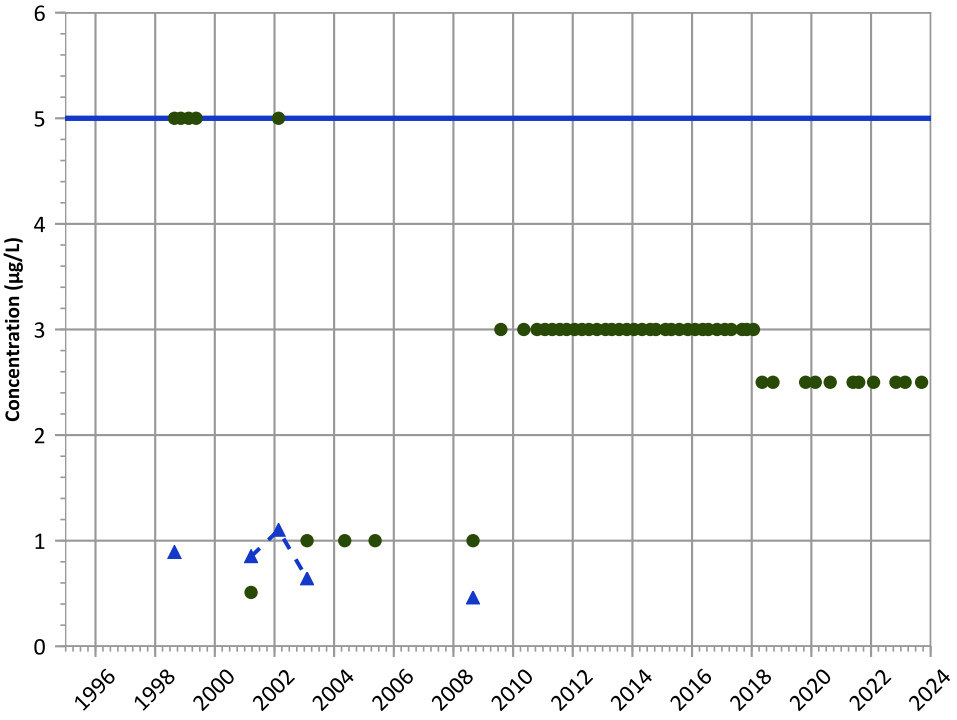
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

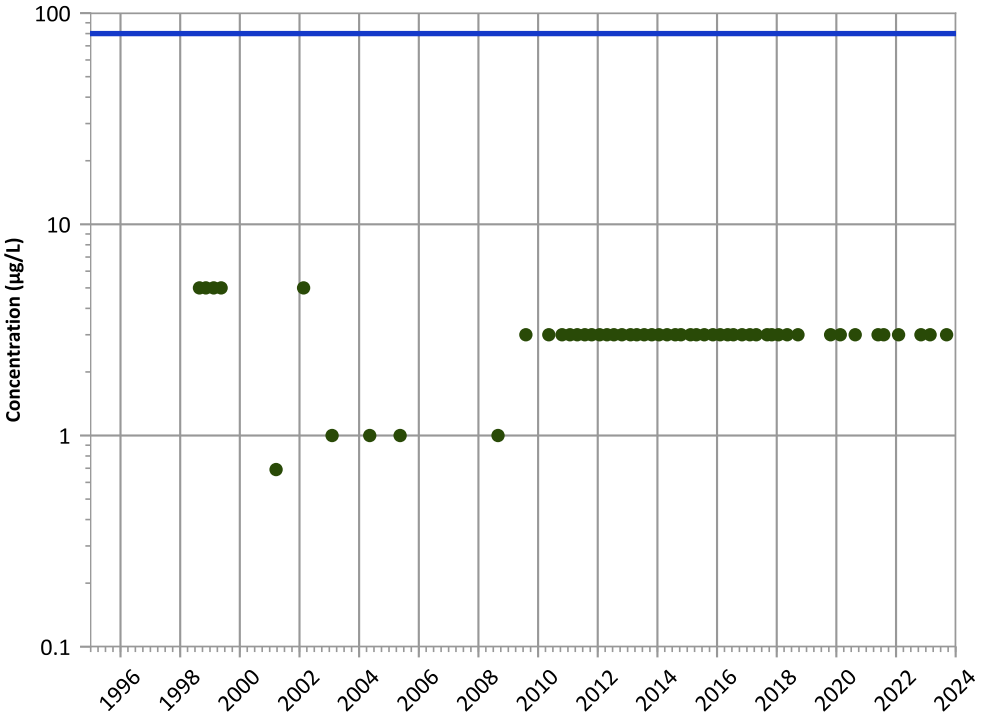


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

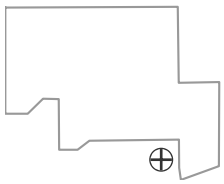
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

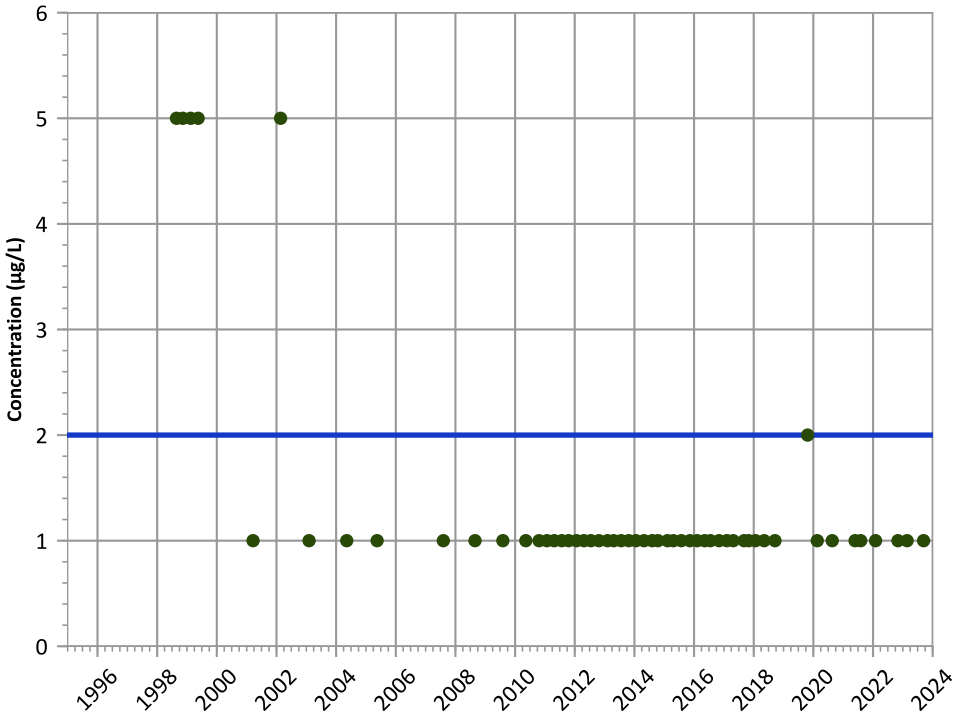
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

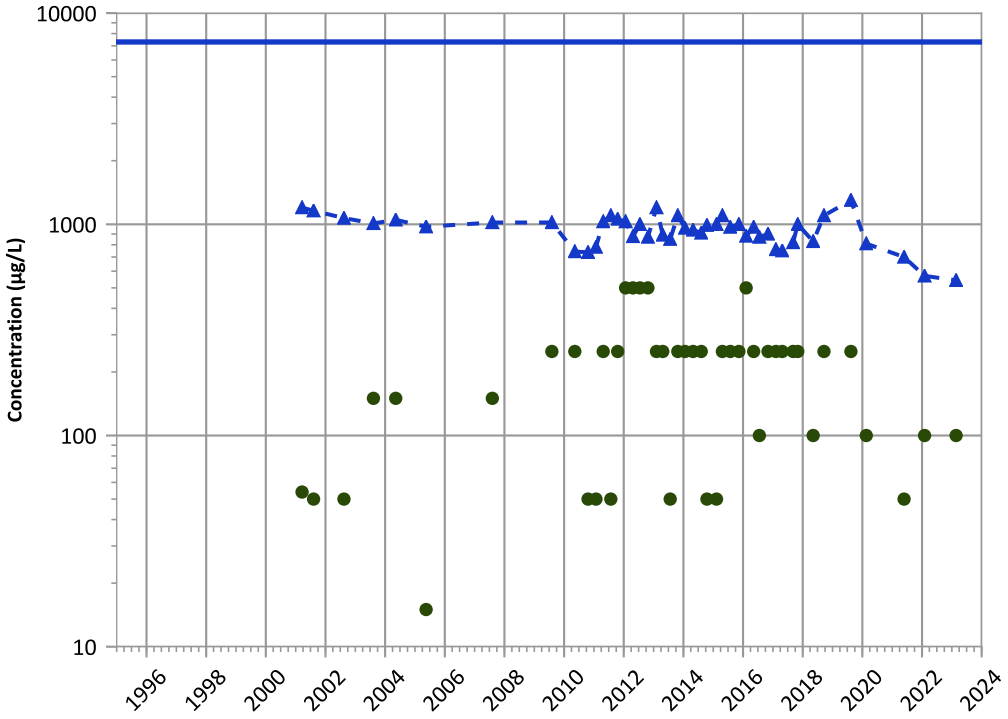


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

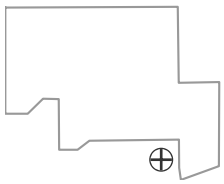
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

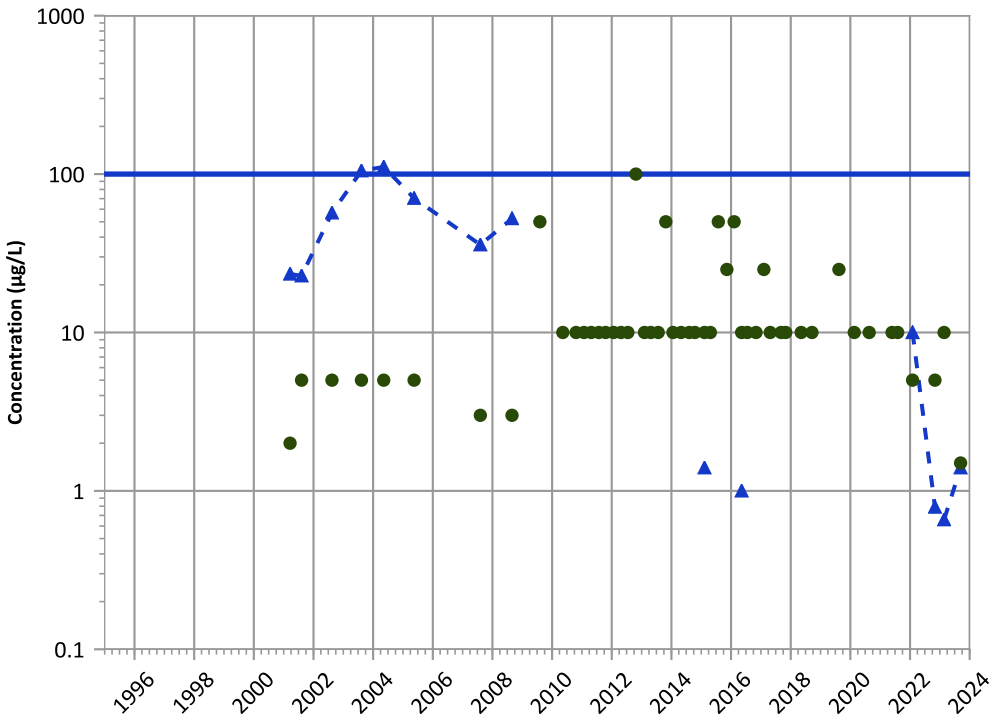
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

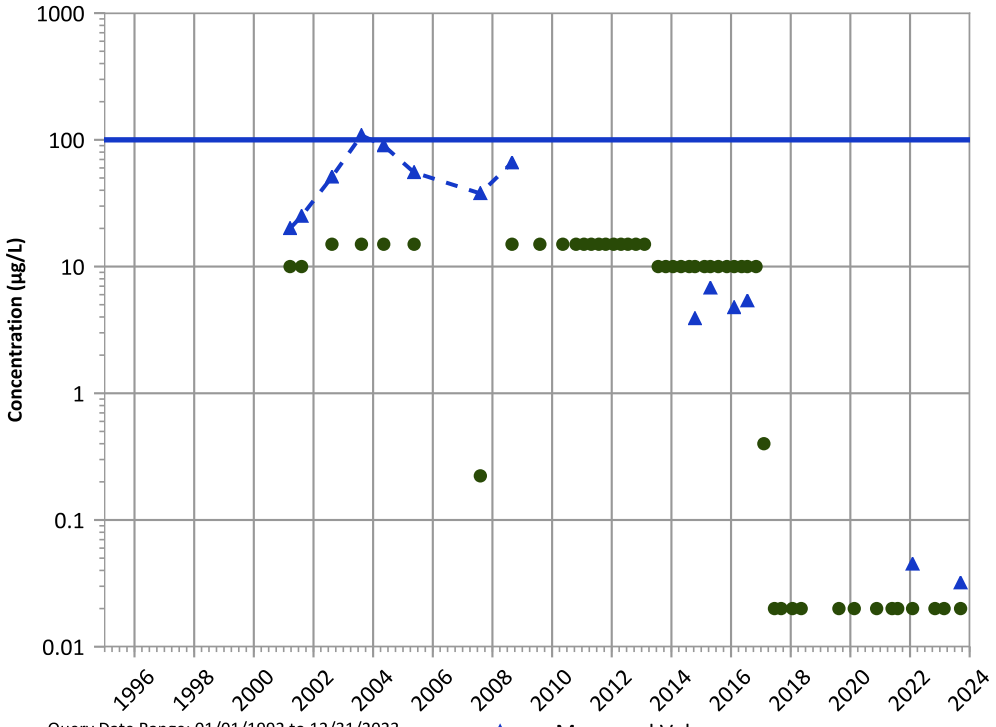


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

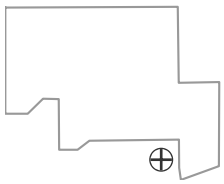
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

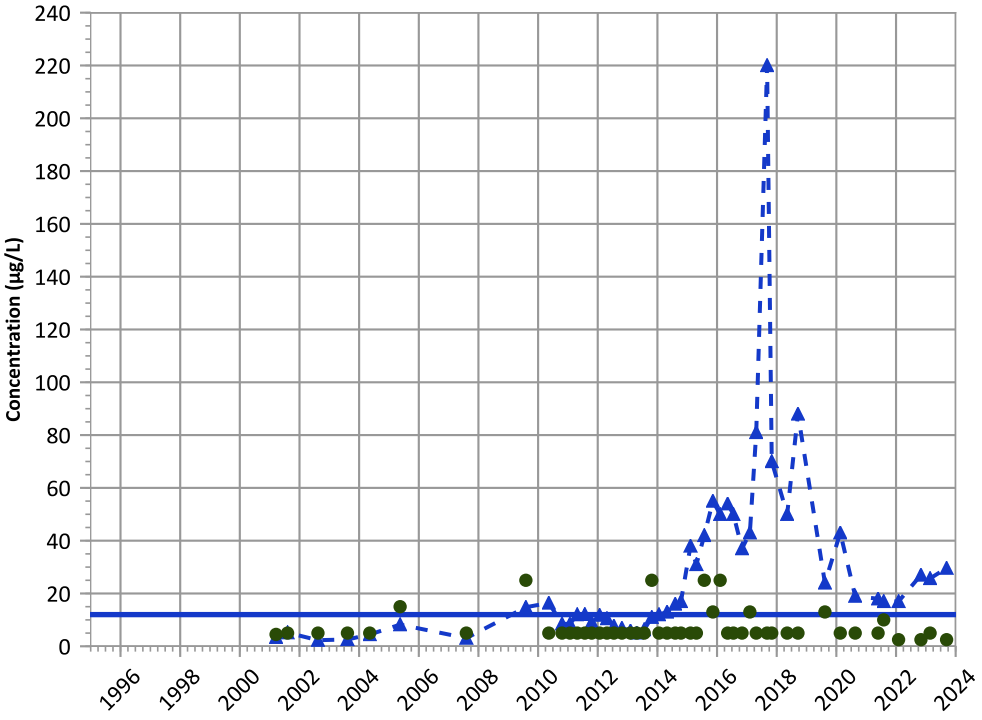
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

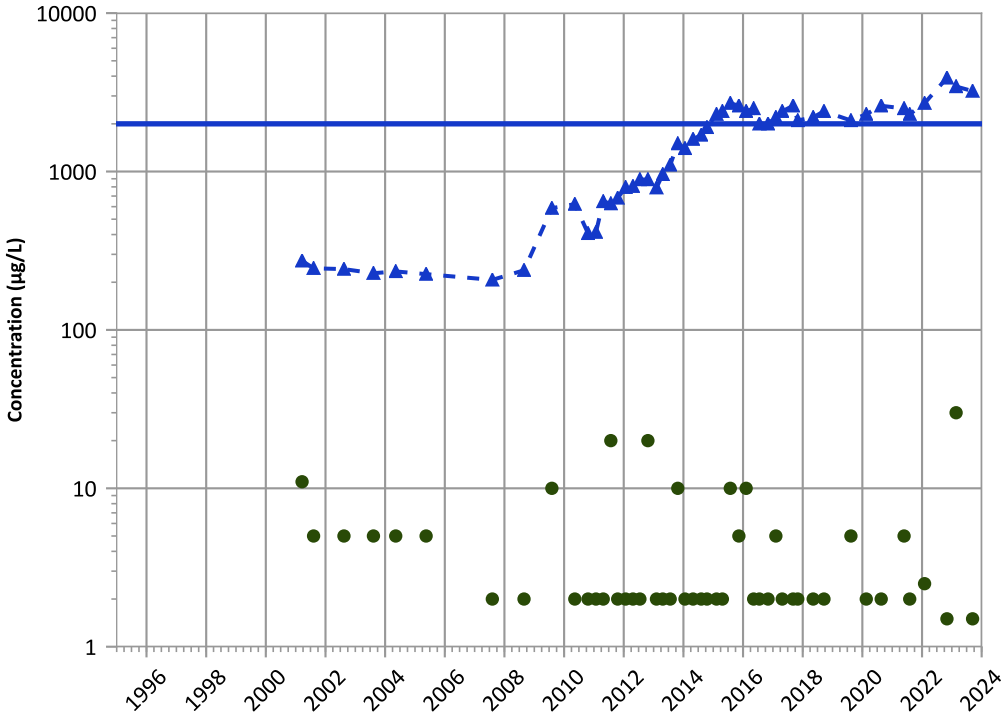


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Barium Trend



Concentration Trend

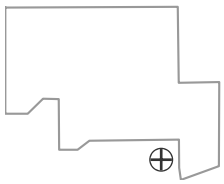
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

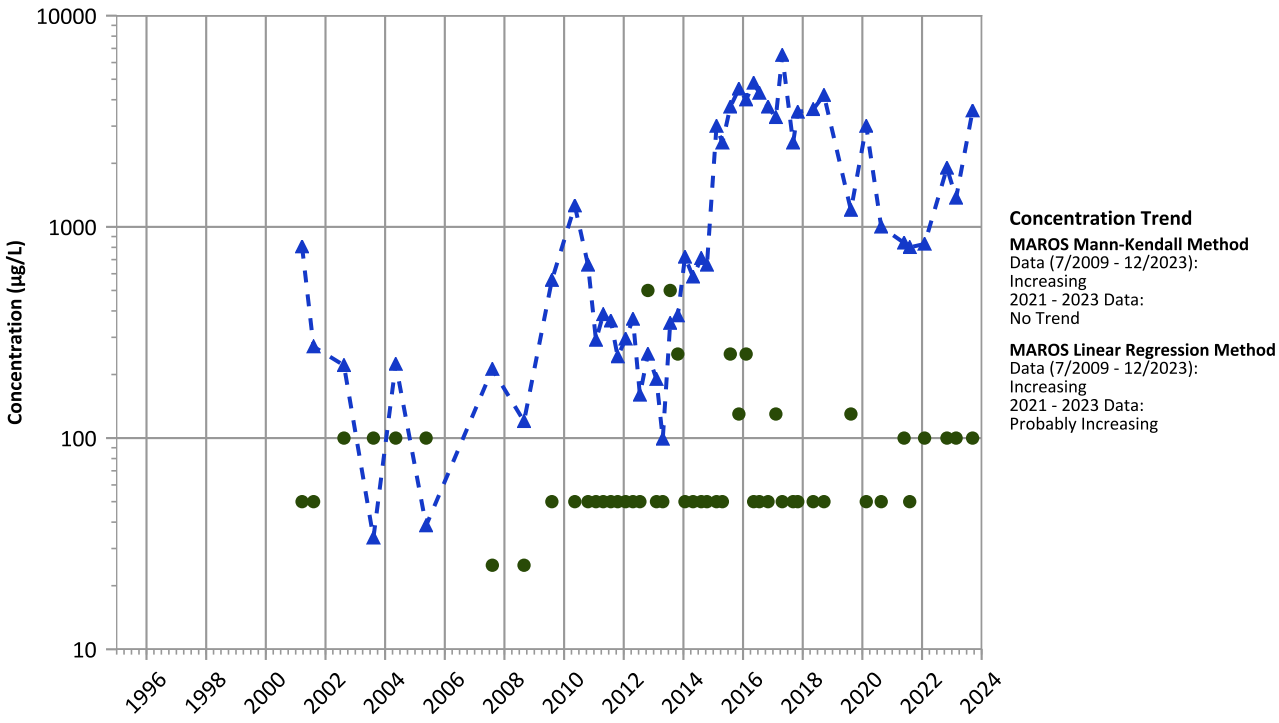
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

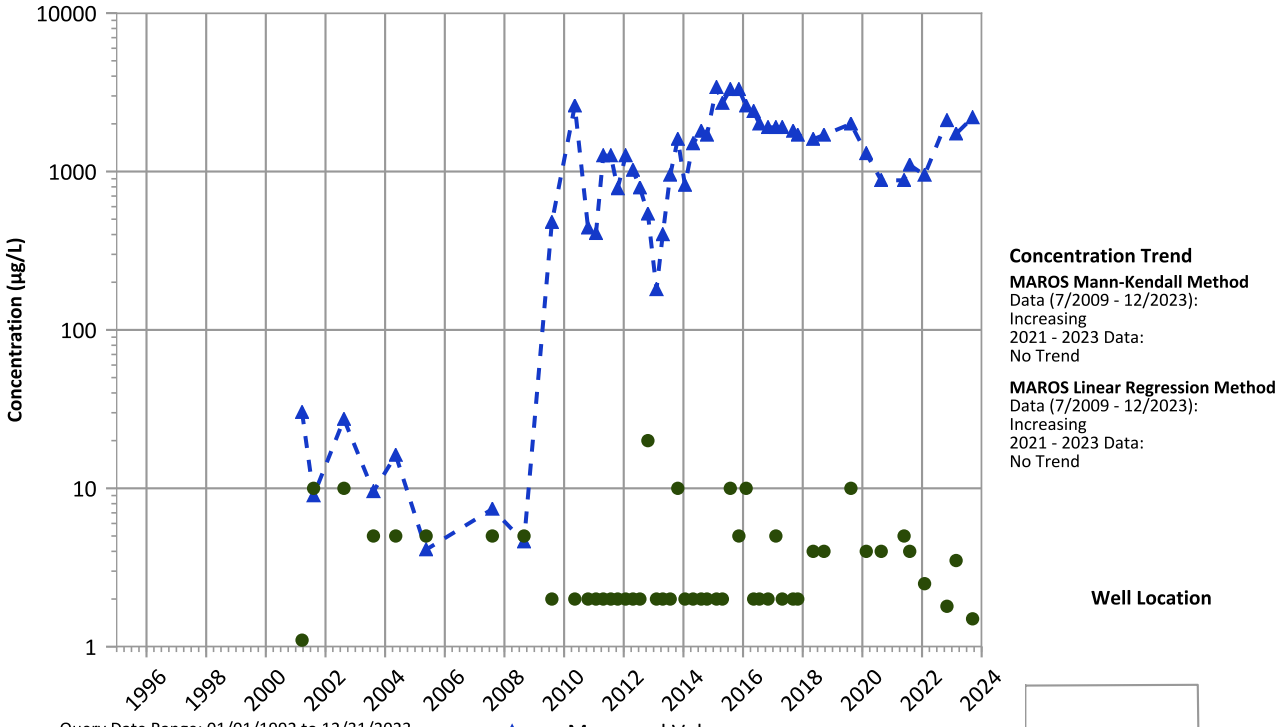


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Manganese Trend



Concentration Trend

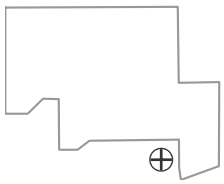
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

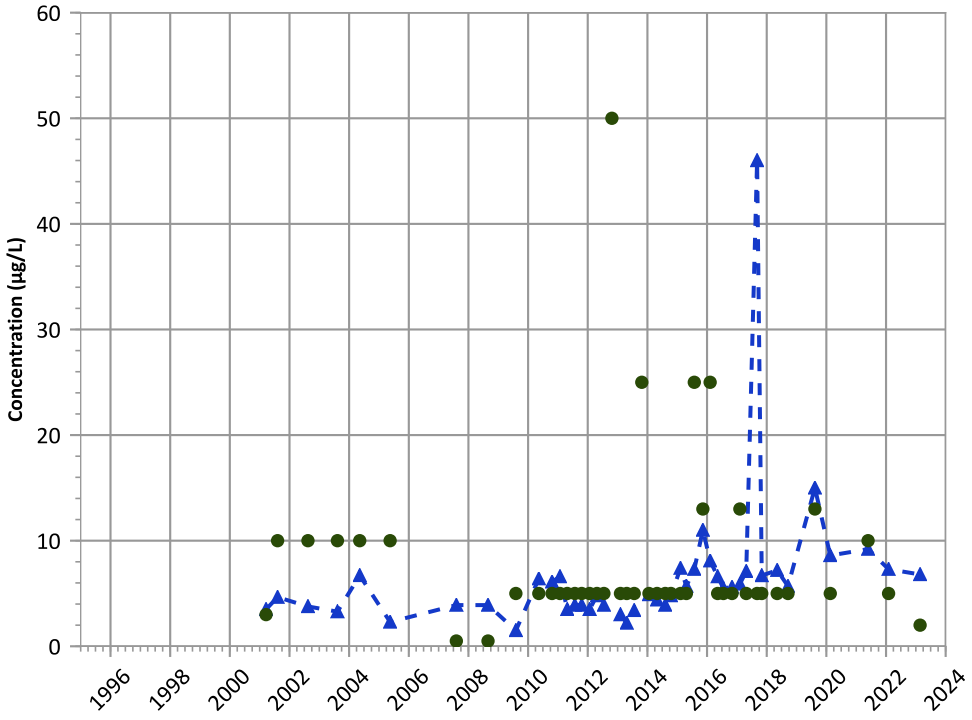
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

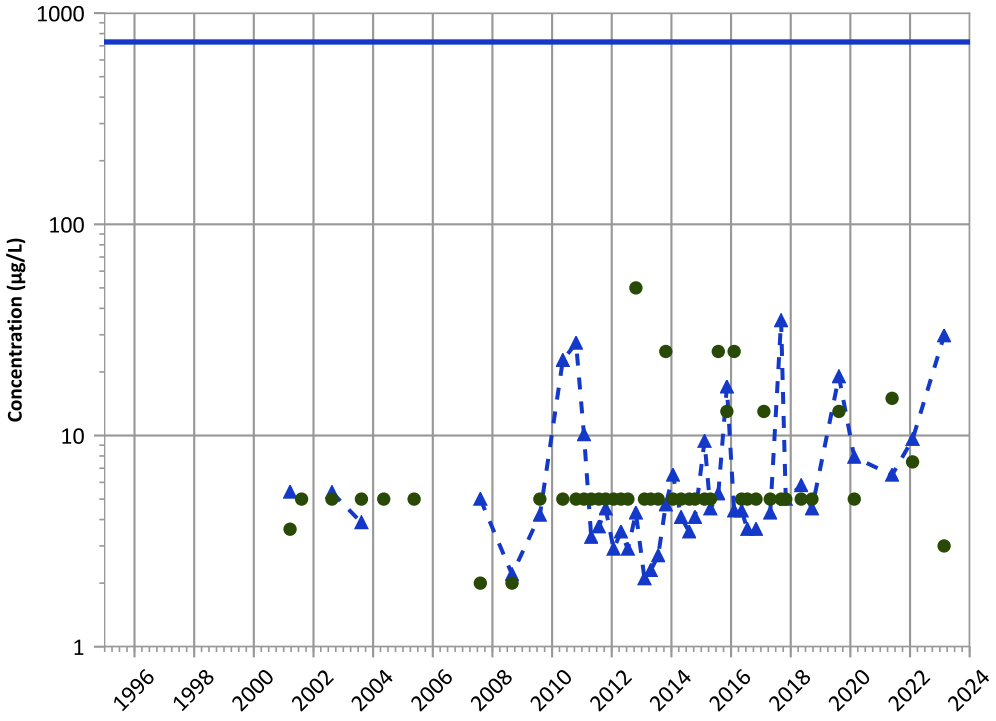


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Nickel Trend



Concentration Trend

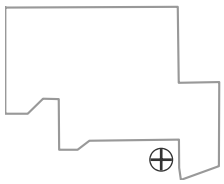
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

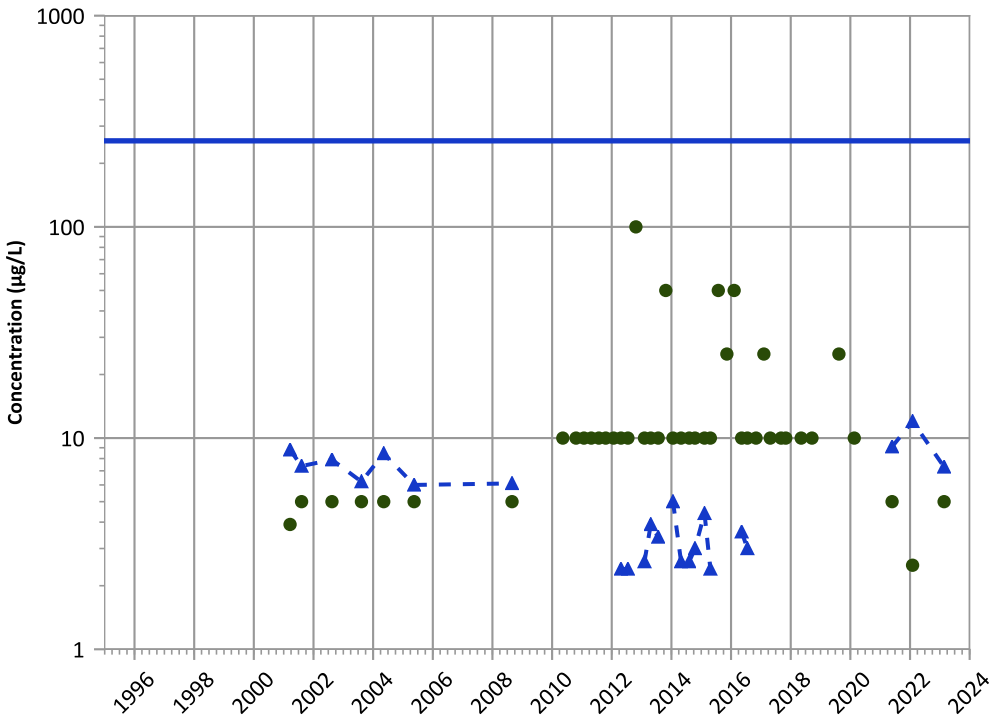
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

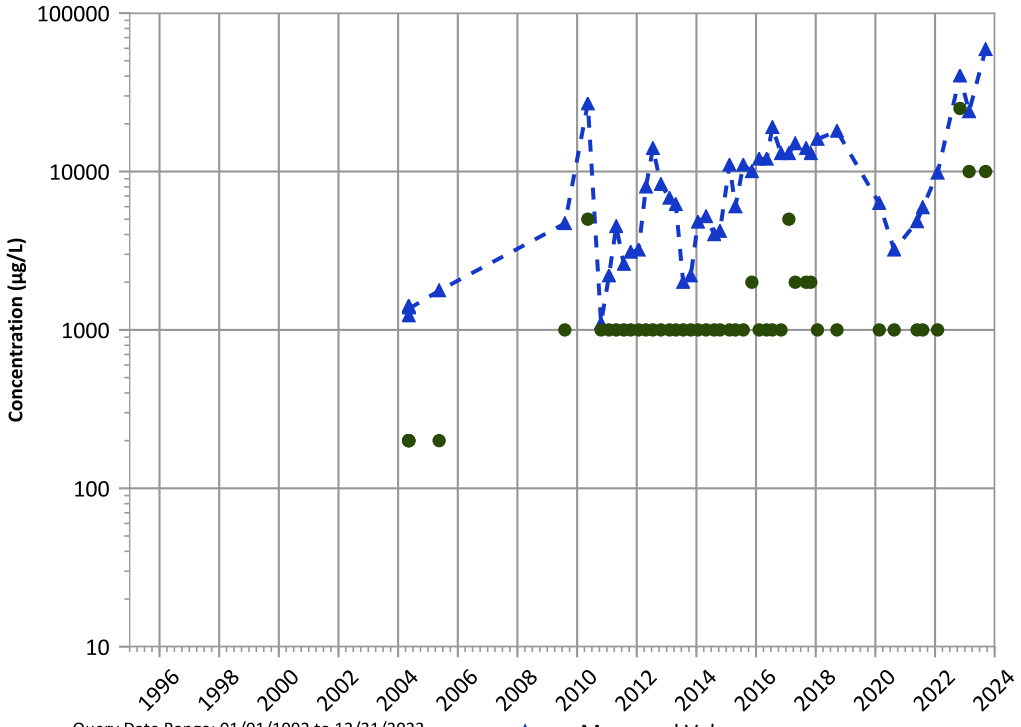


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

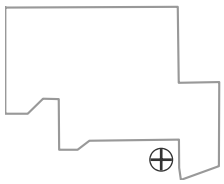
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

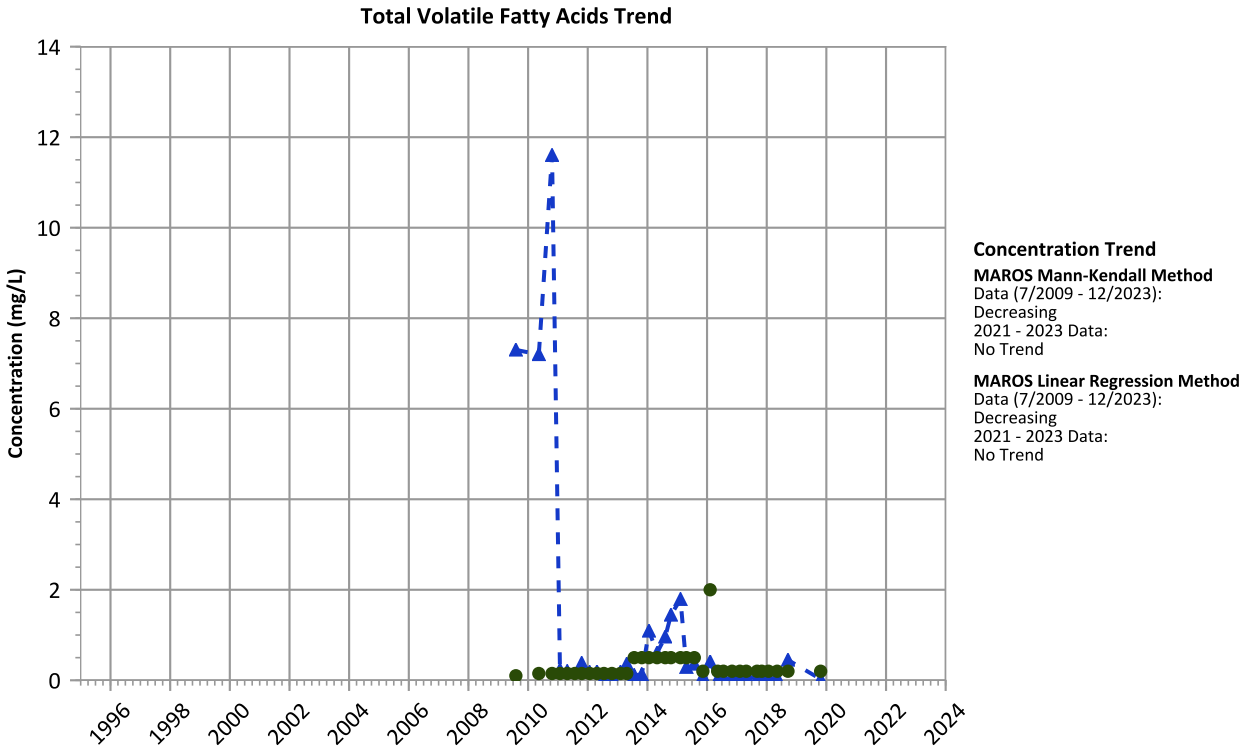
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



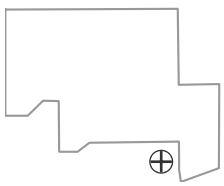
PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant



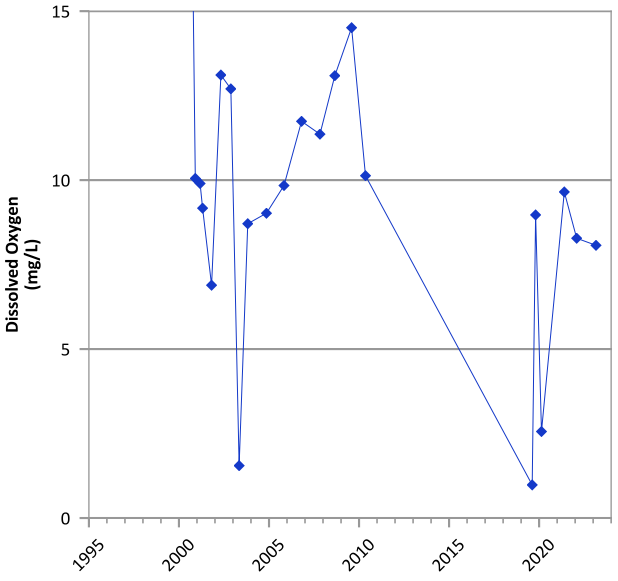
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/25/1998 to 09/12/2023
Analysis Date: 04/01/2024

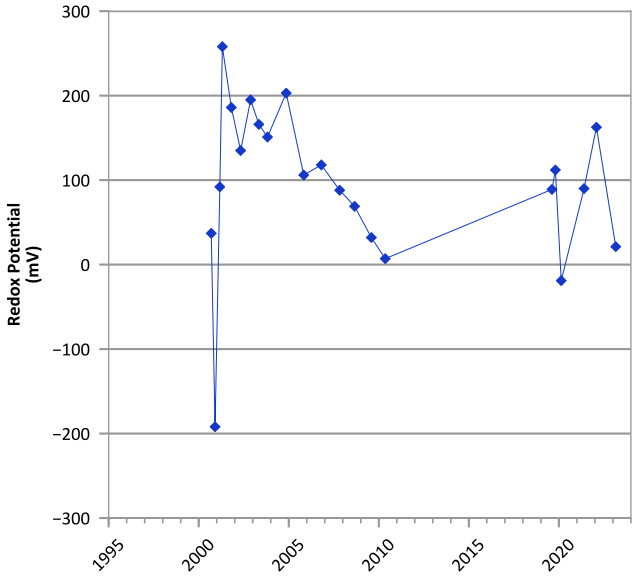
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

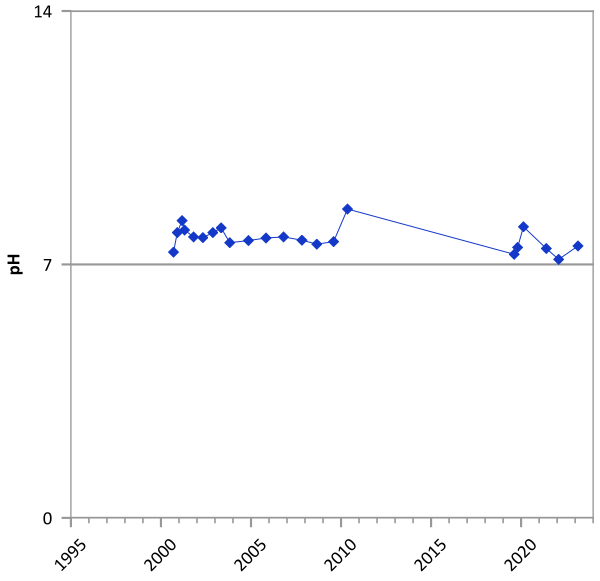
Well Location

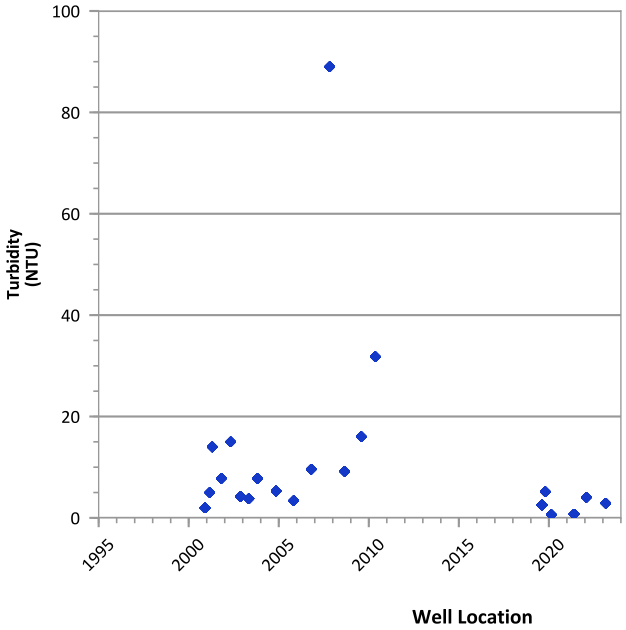


PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

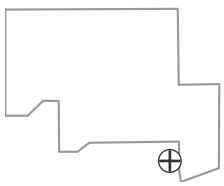






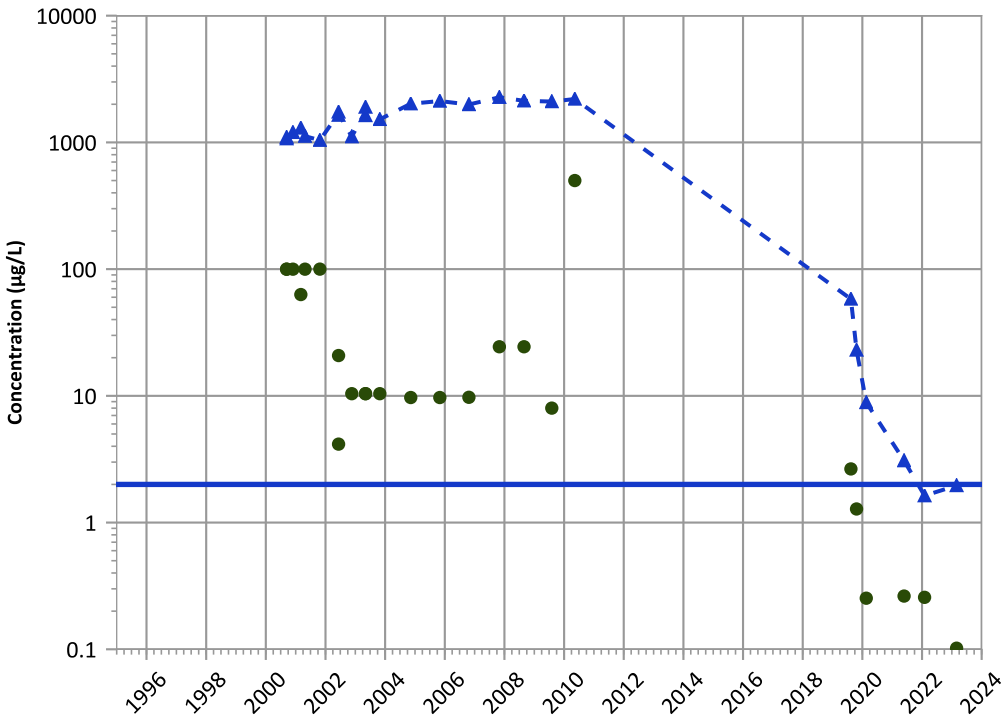


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

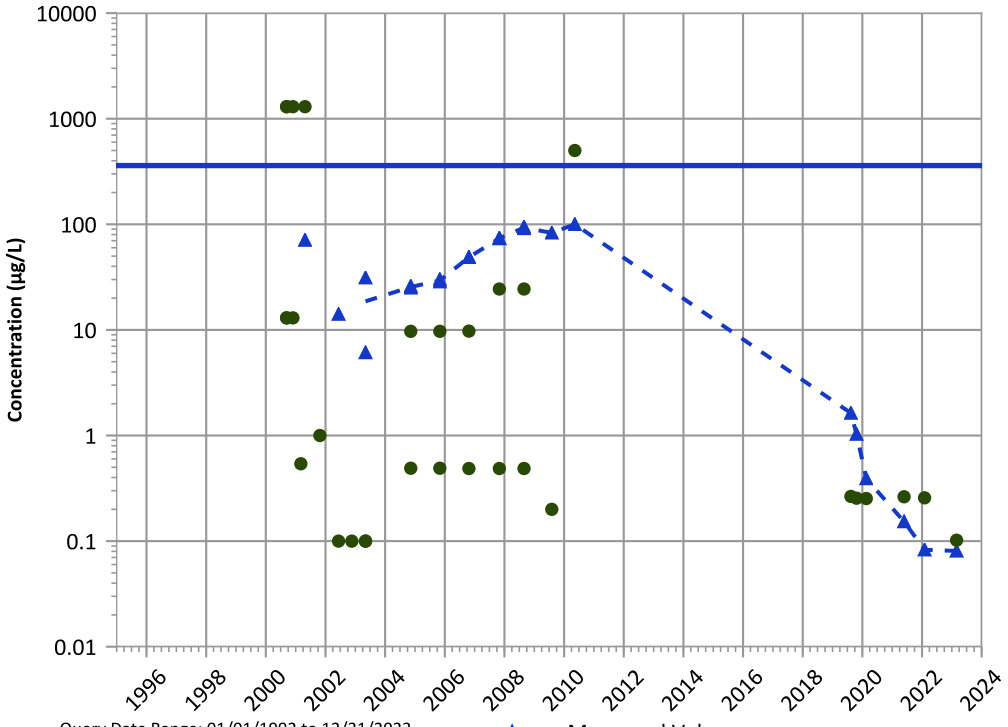


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

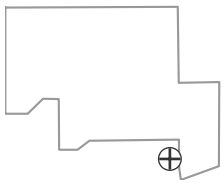
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

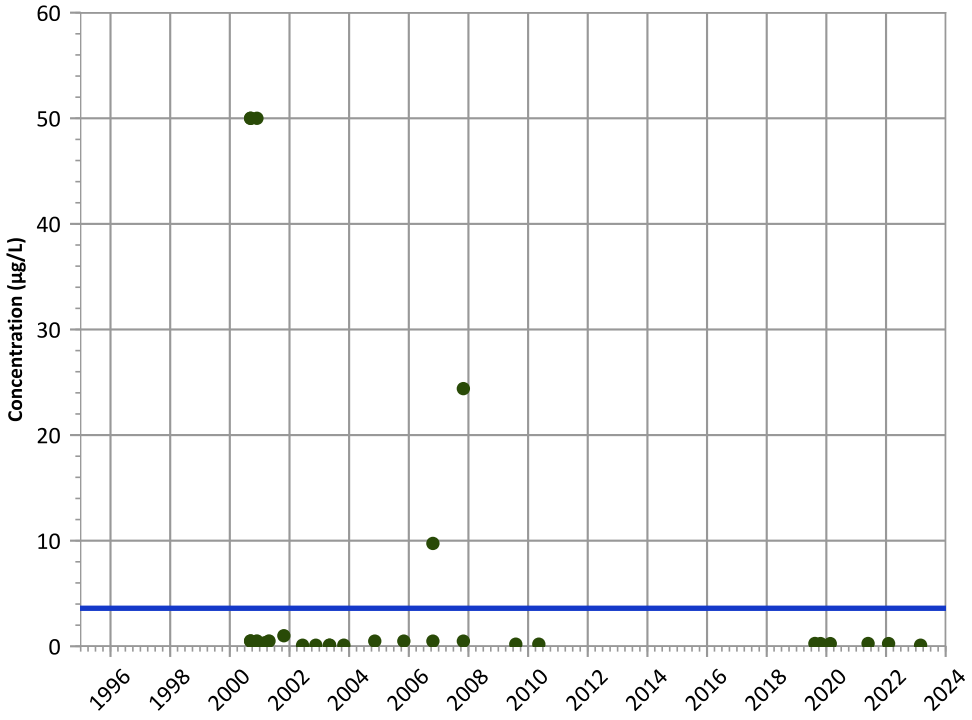
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

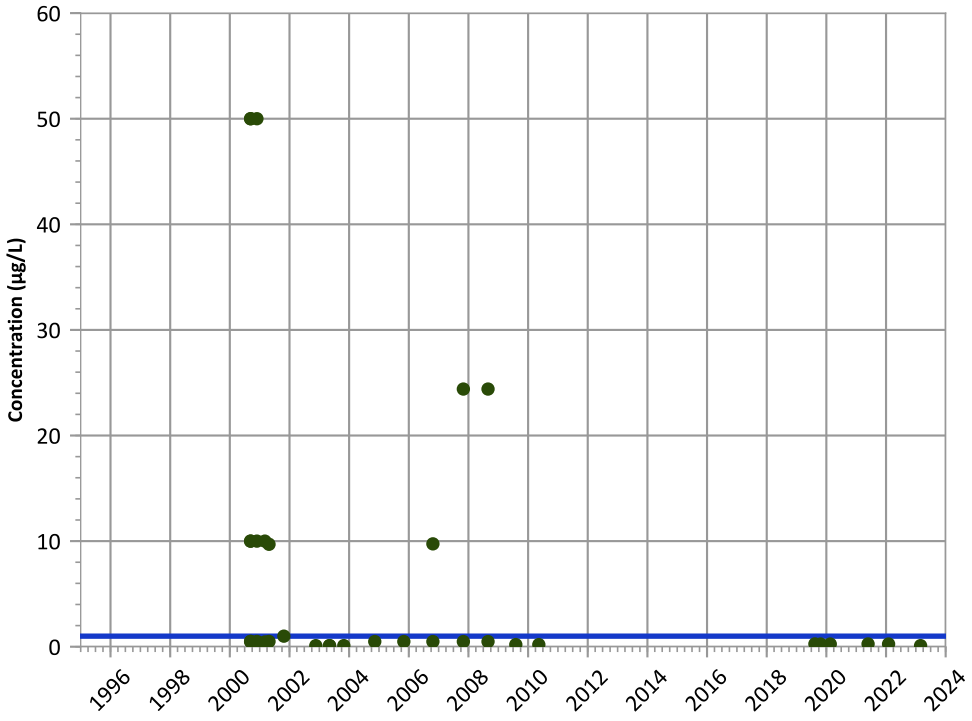
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



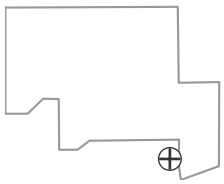
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

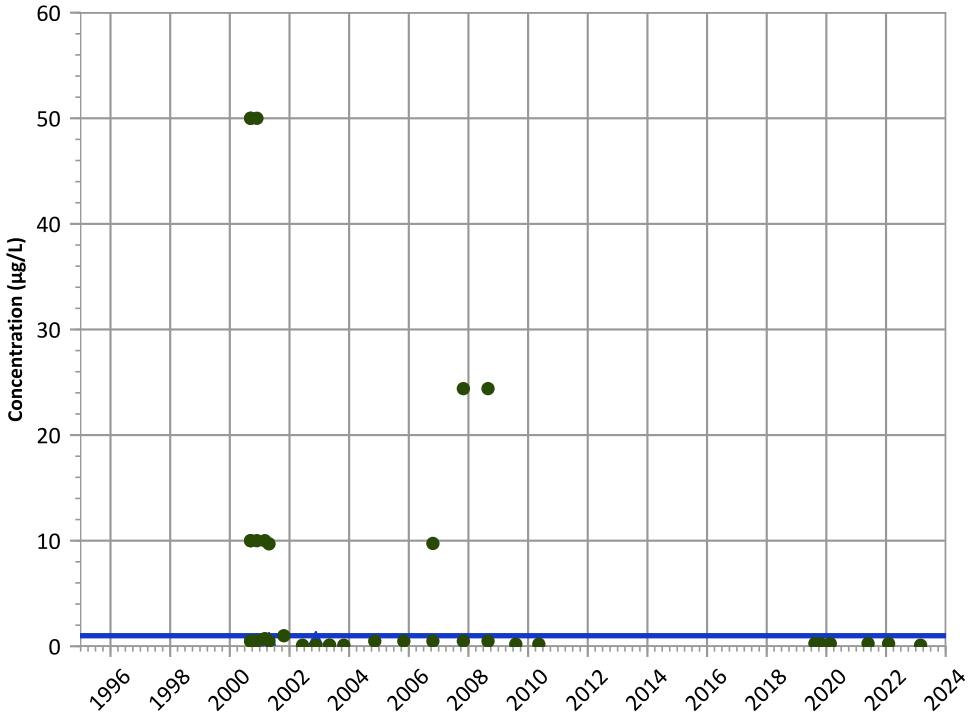
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

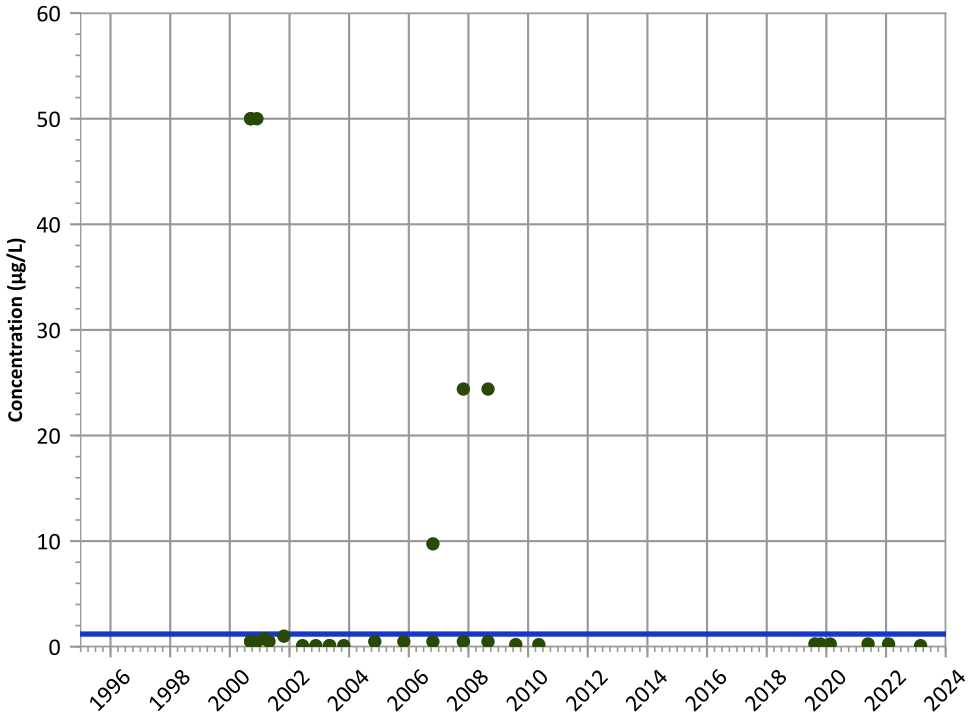


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

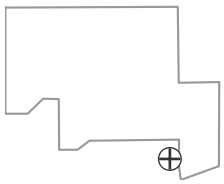
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

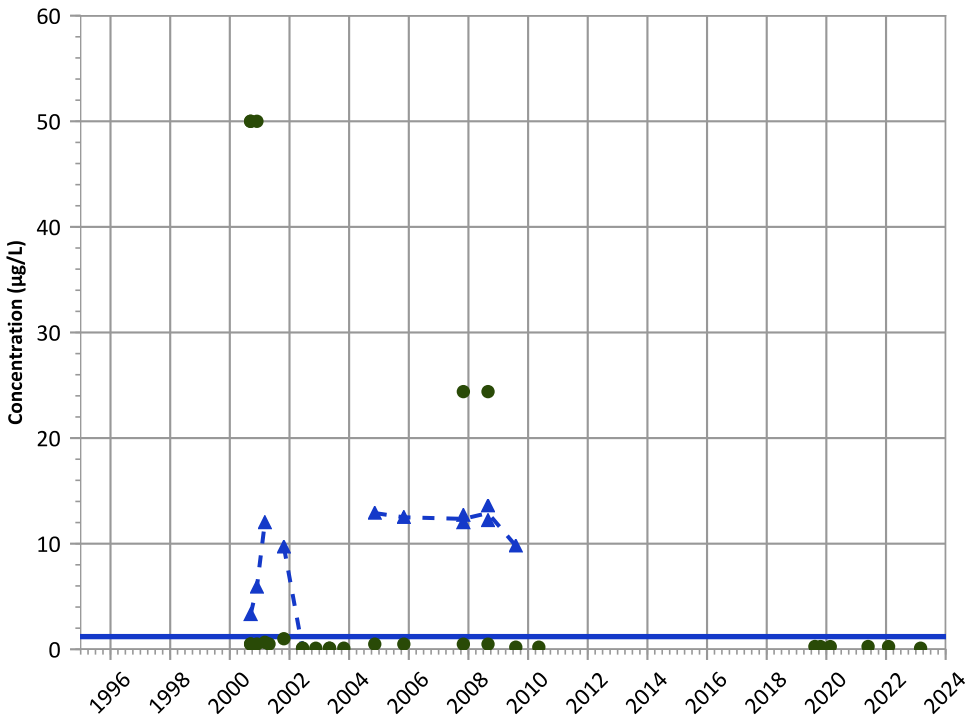
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

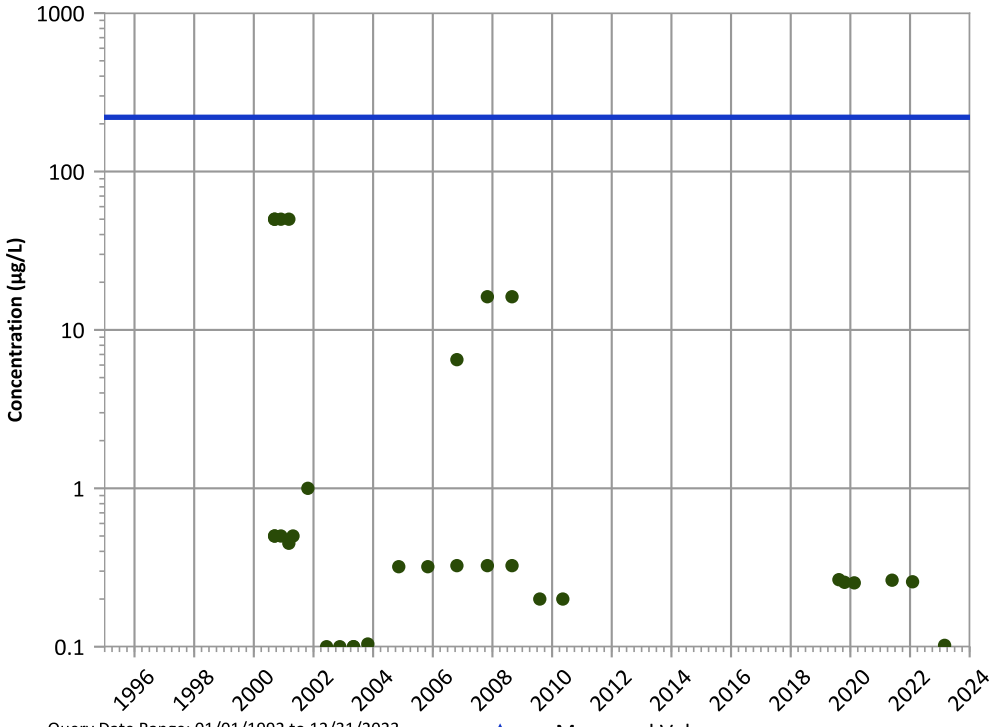


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

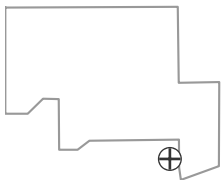
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

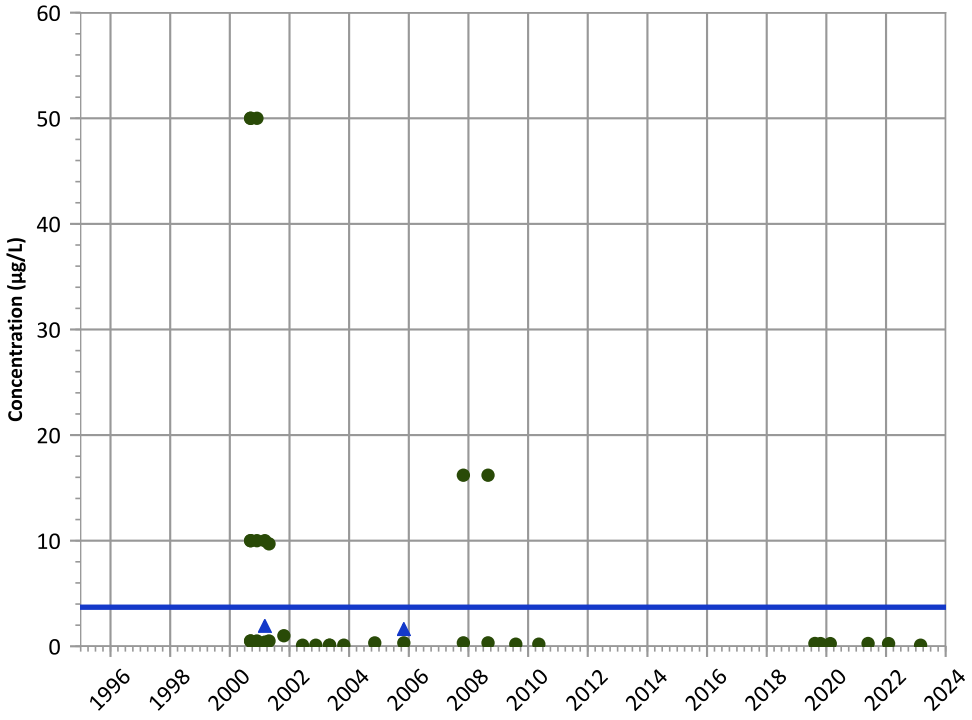
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

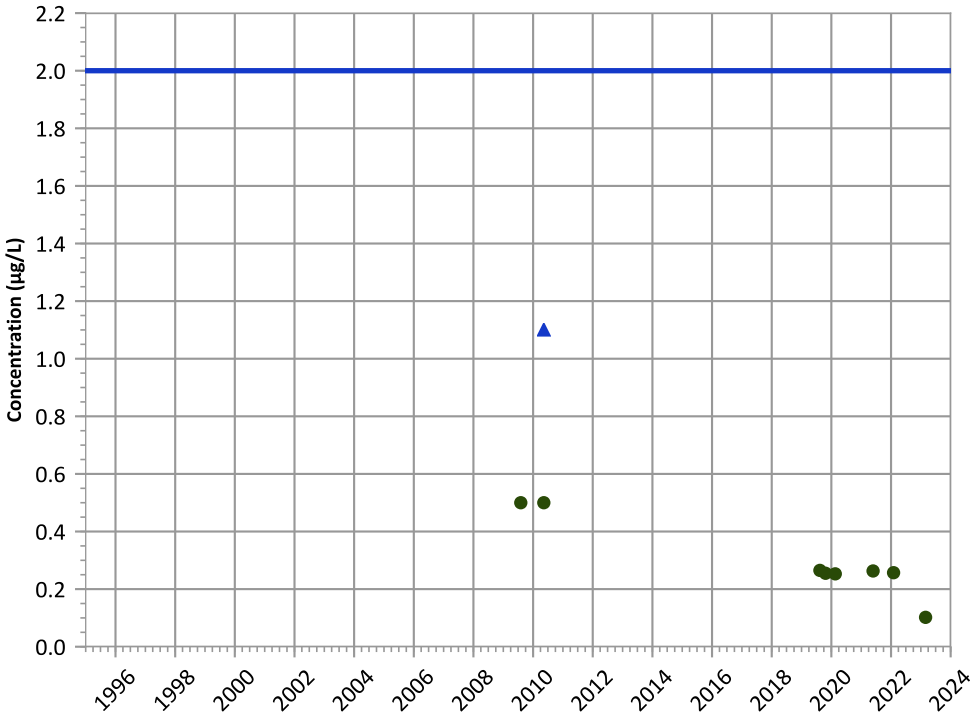


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

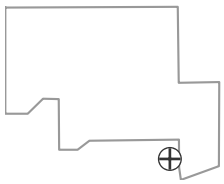
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

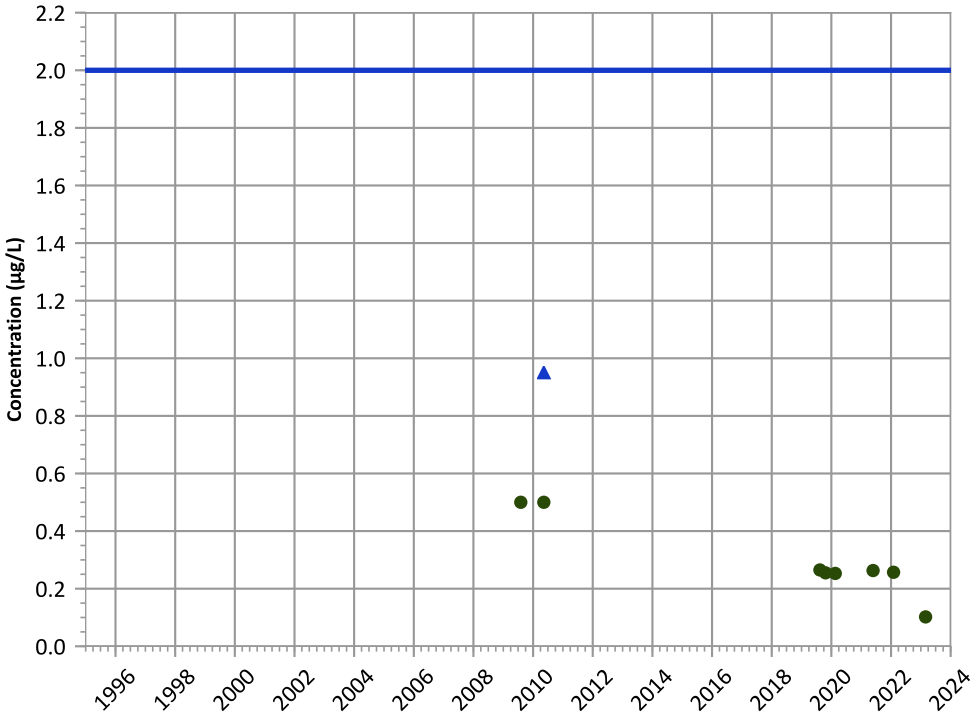
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

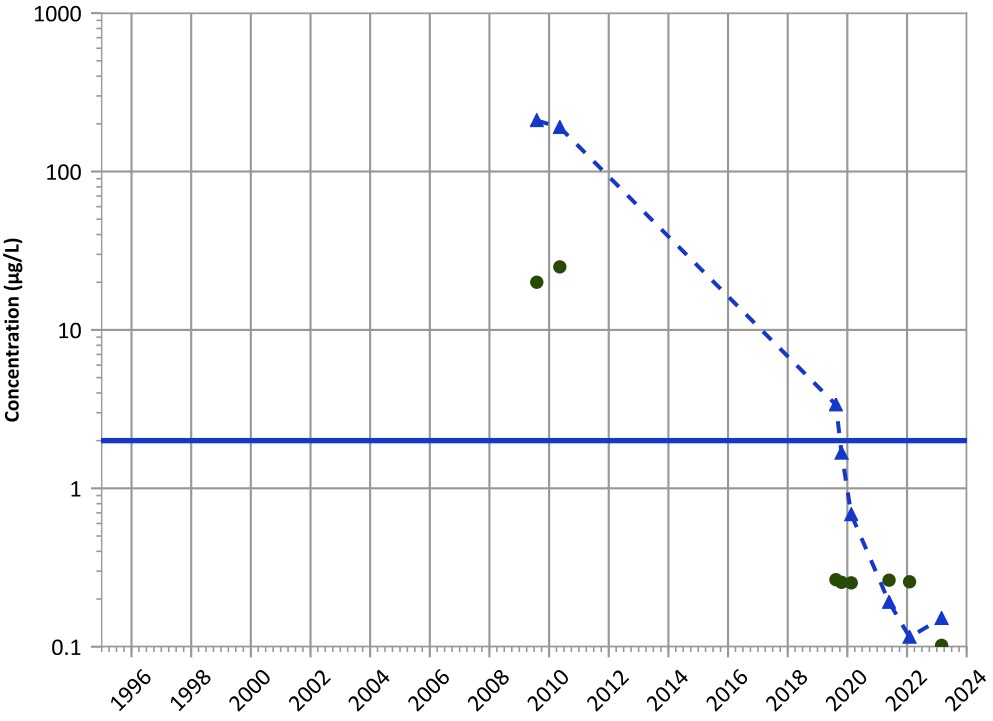


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

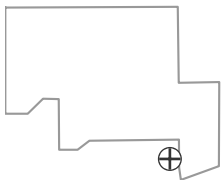
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

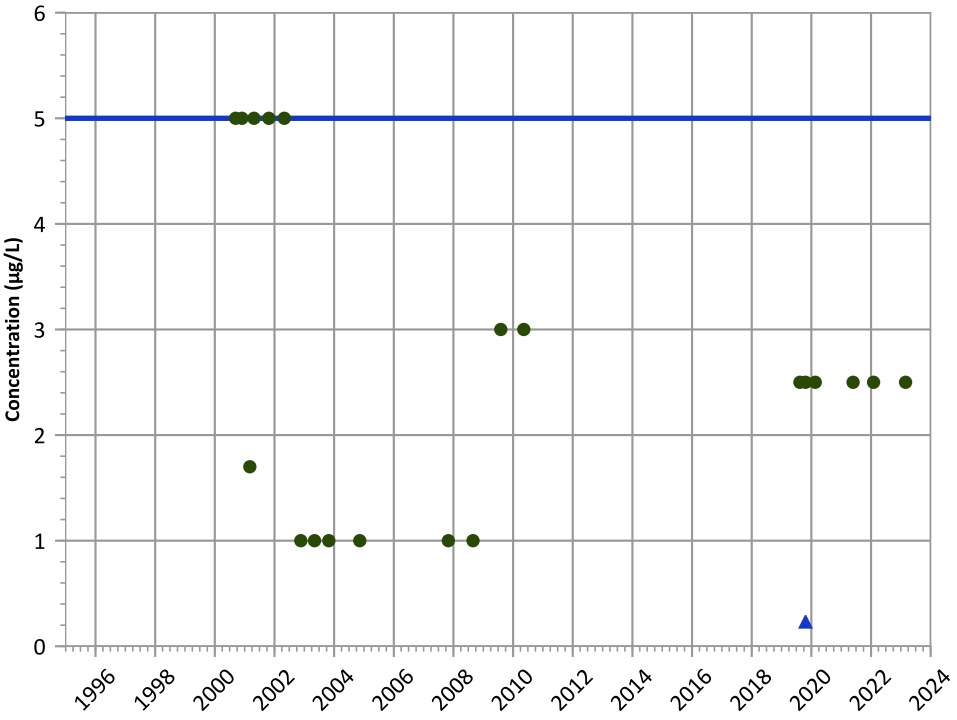
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

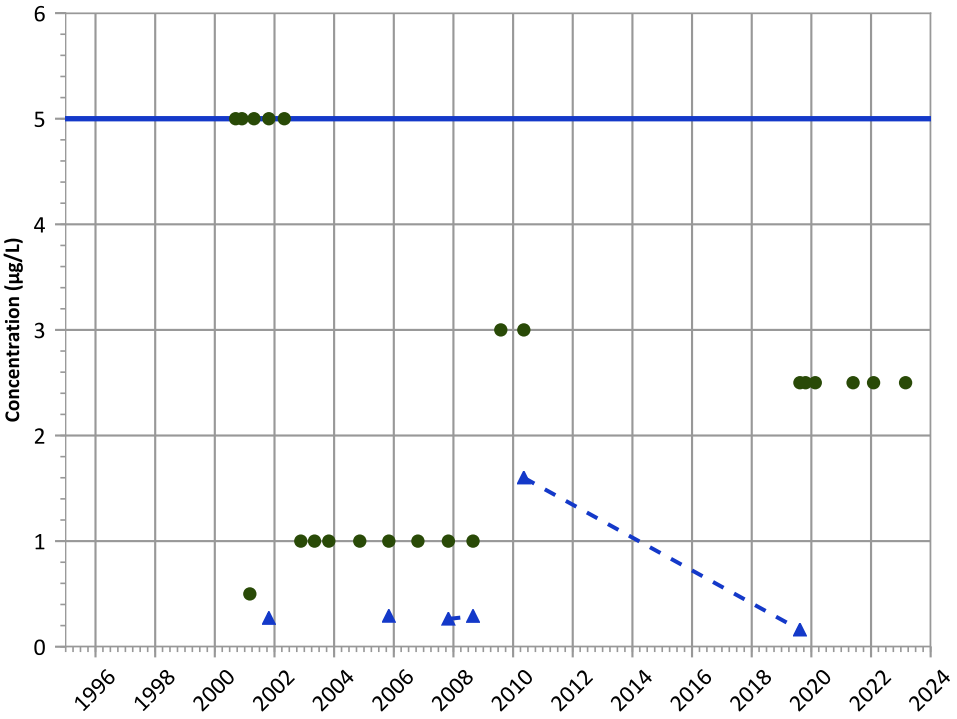


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

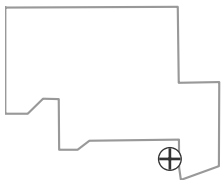
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

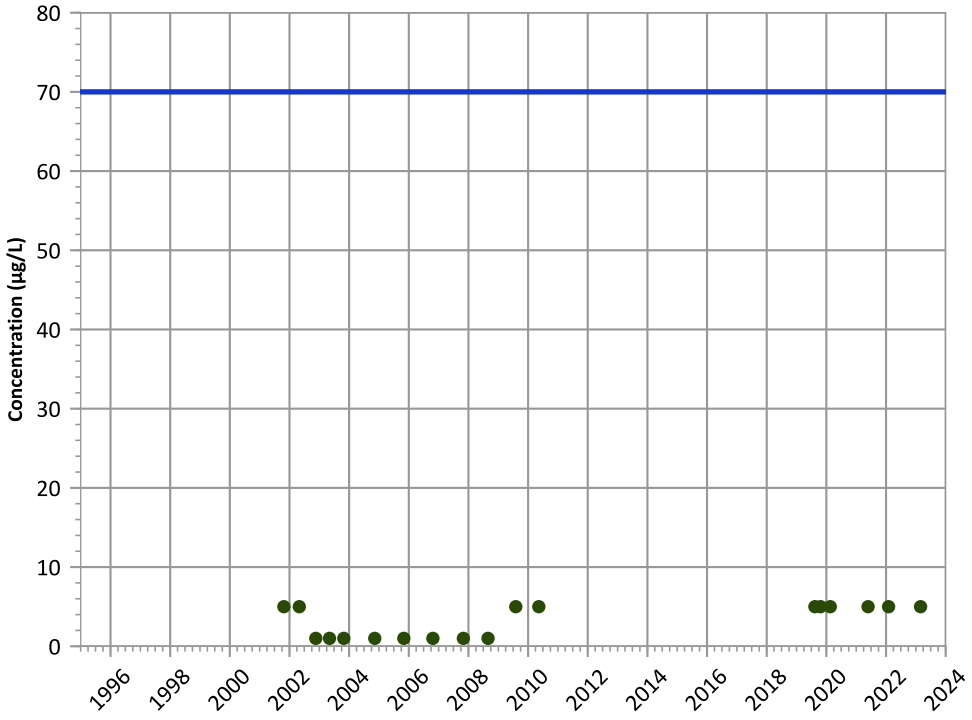
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

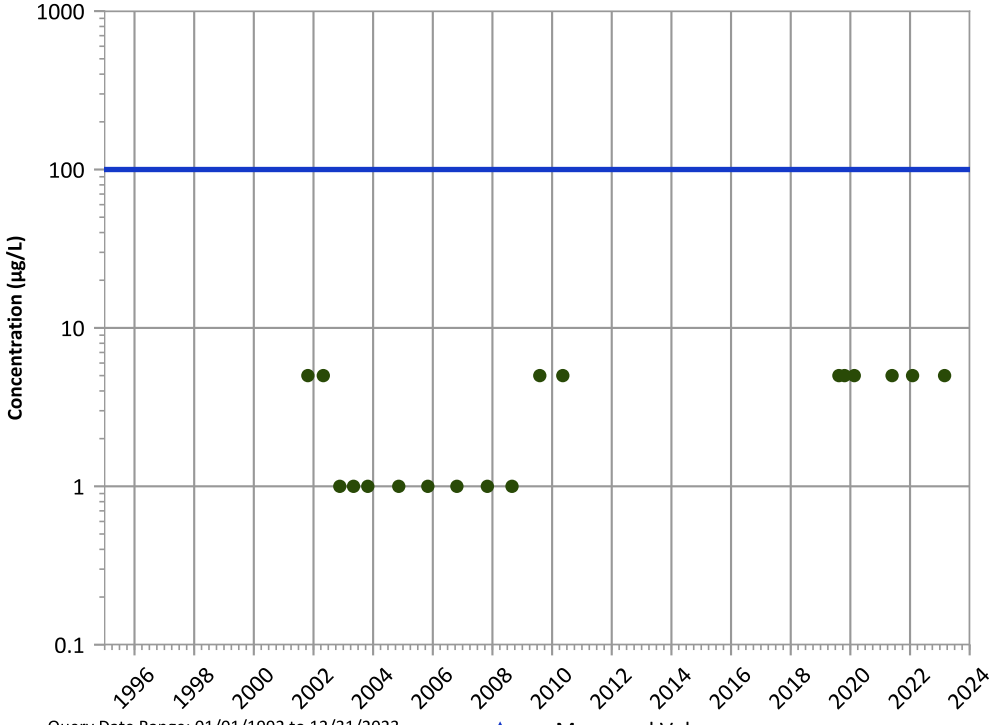


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

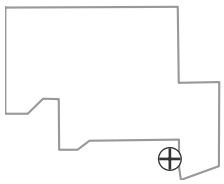
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

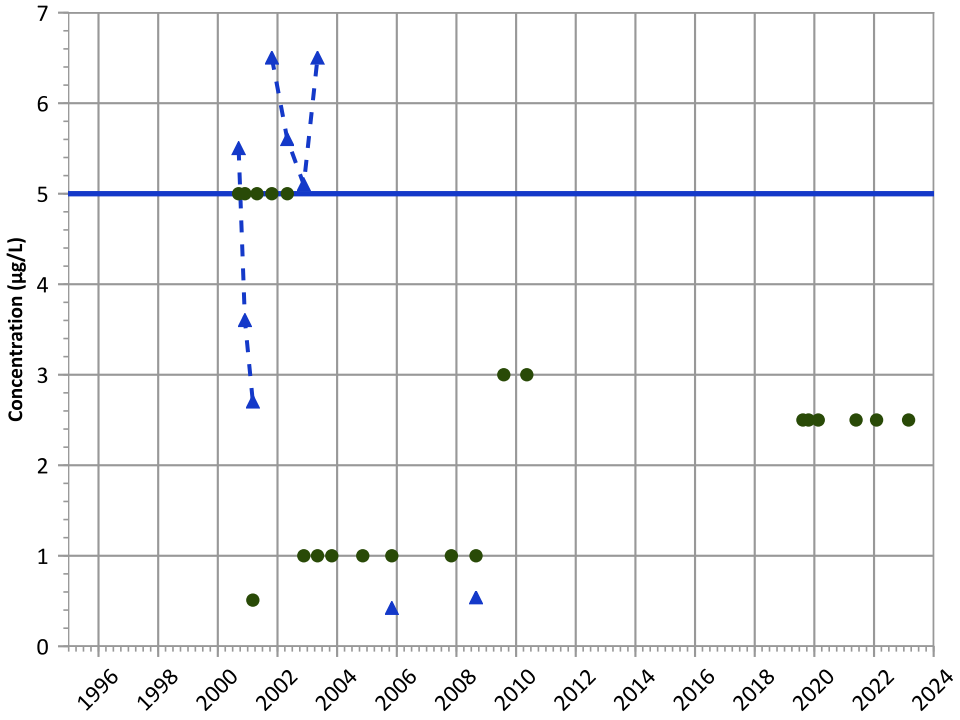
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

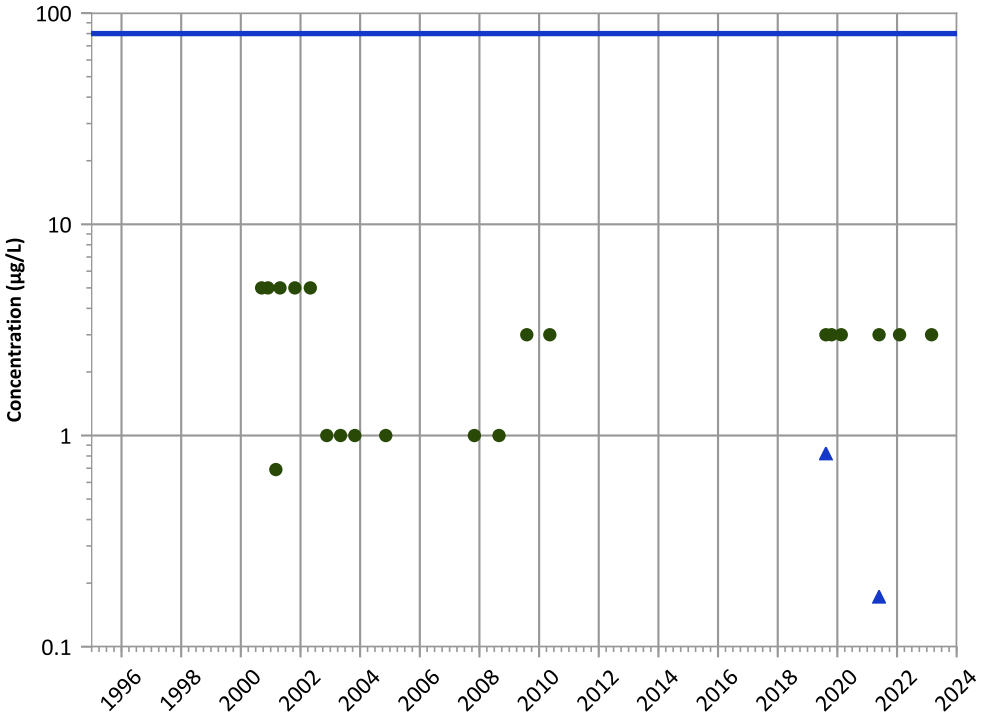


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
Stable

Chloroform Trend



Concentration Trend

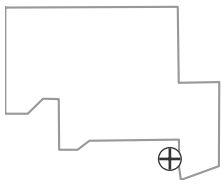
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

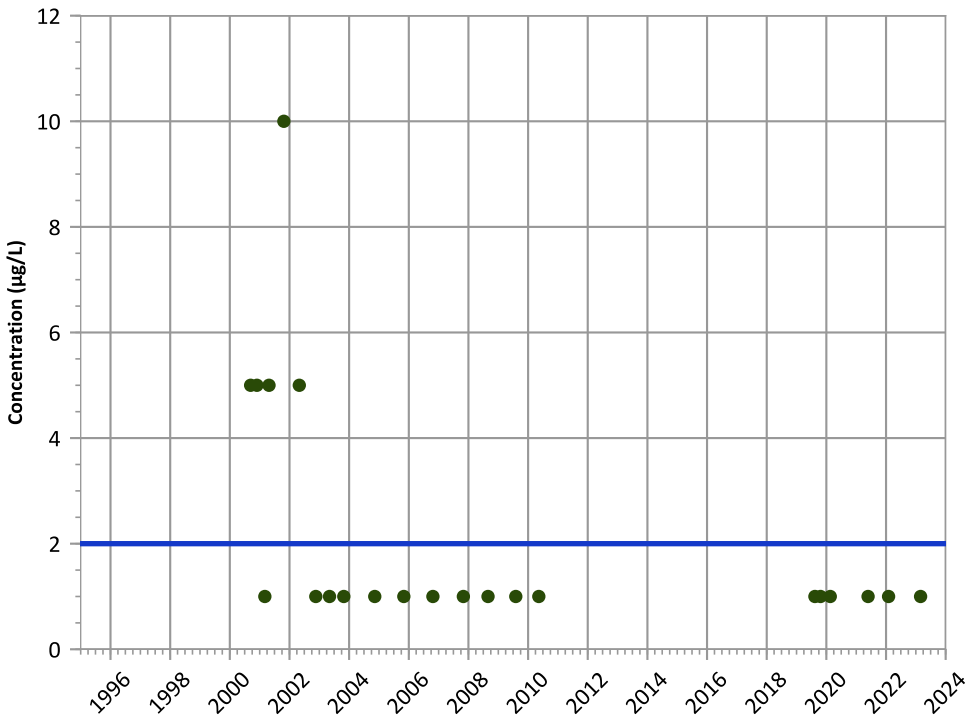
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

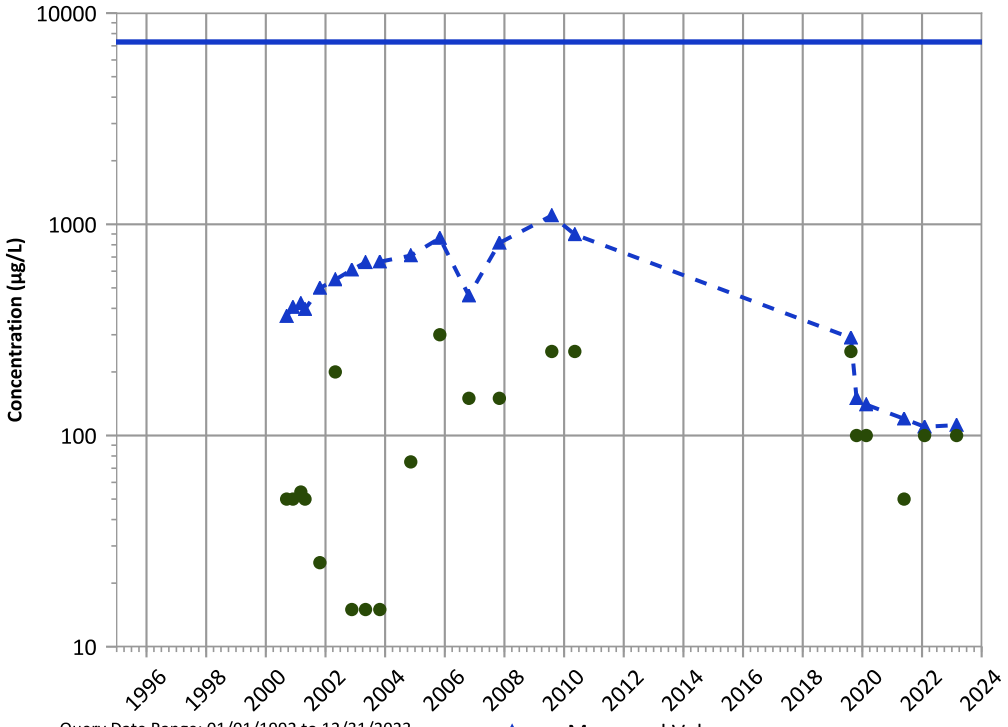


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

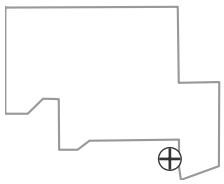
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

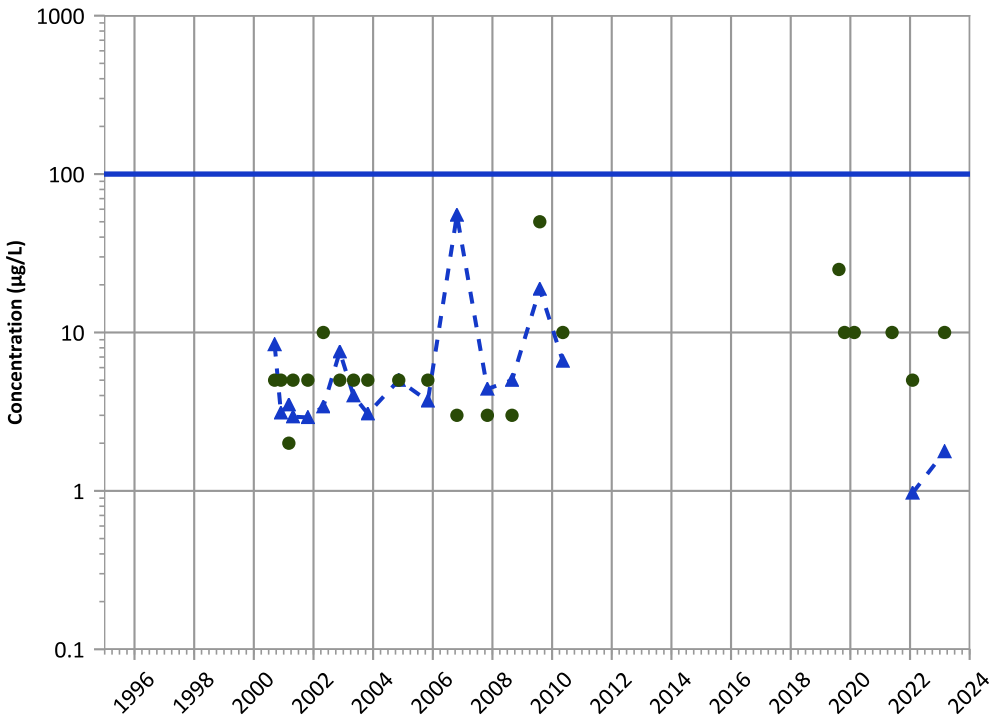
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

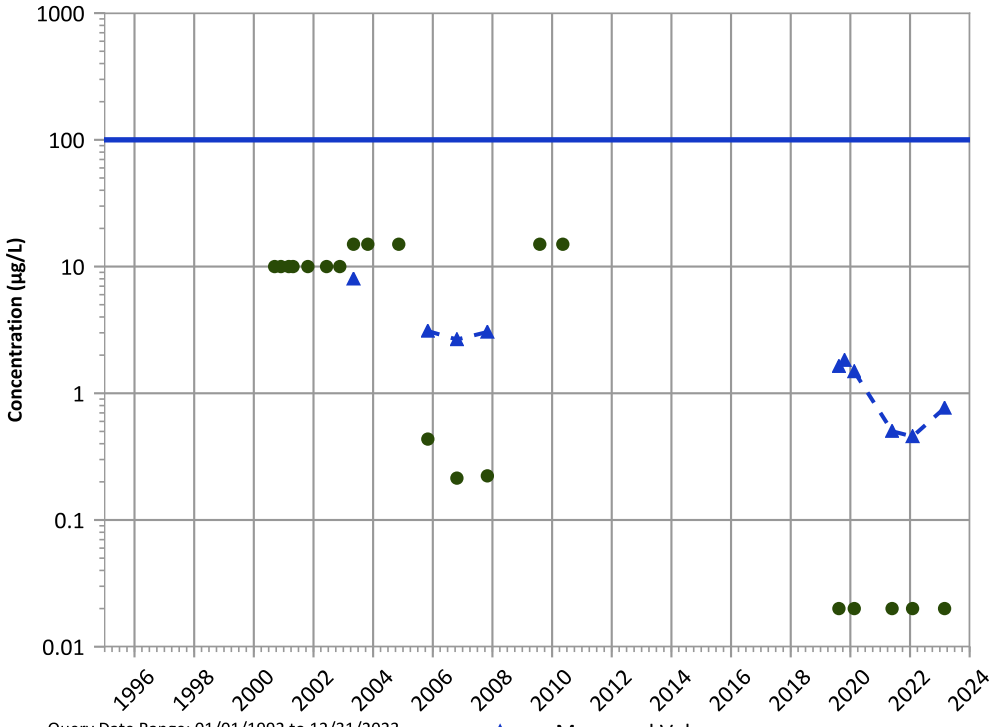


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

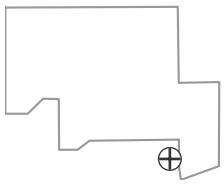
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

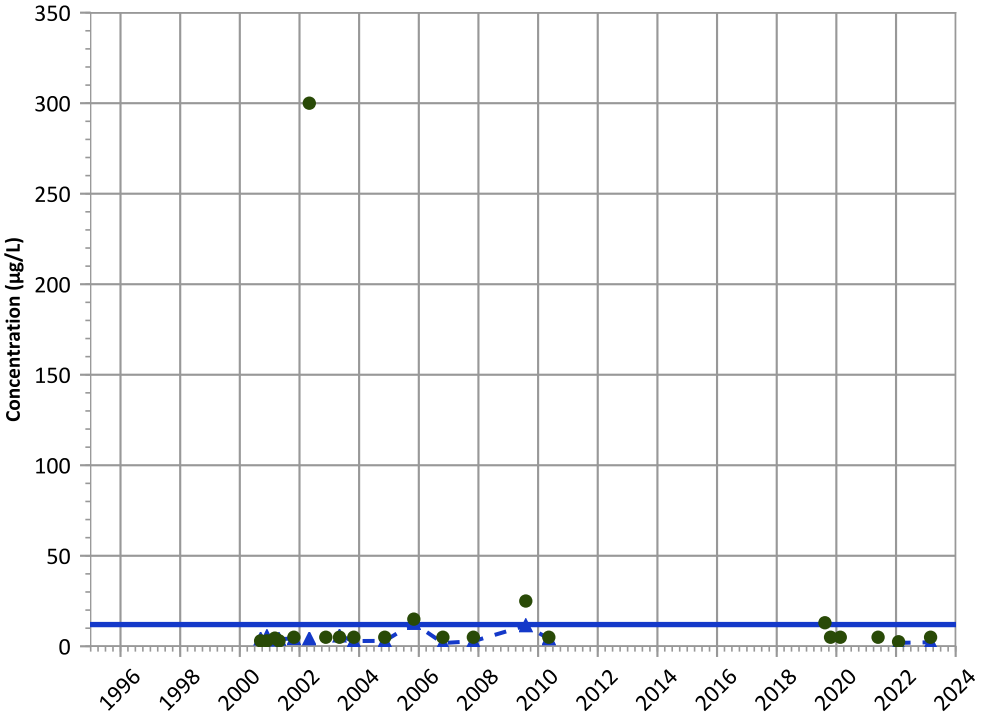
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

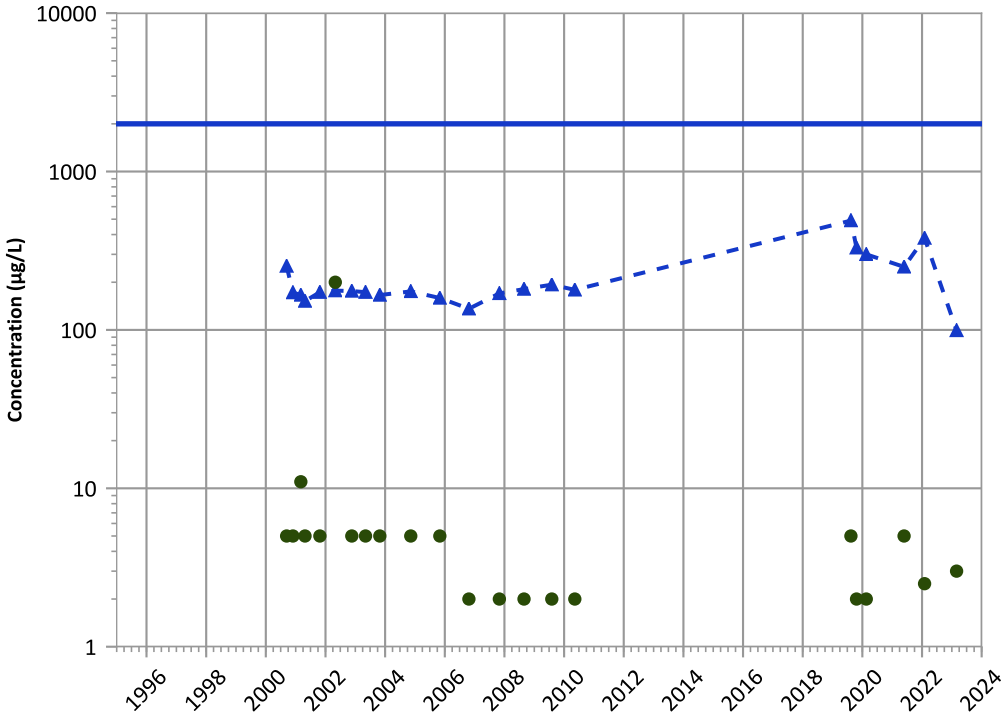


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Barium Trend



Concentration Trend

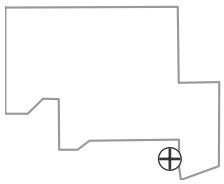
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

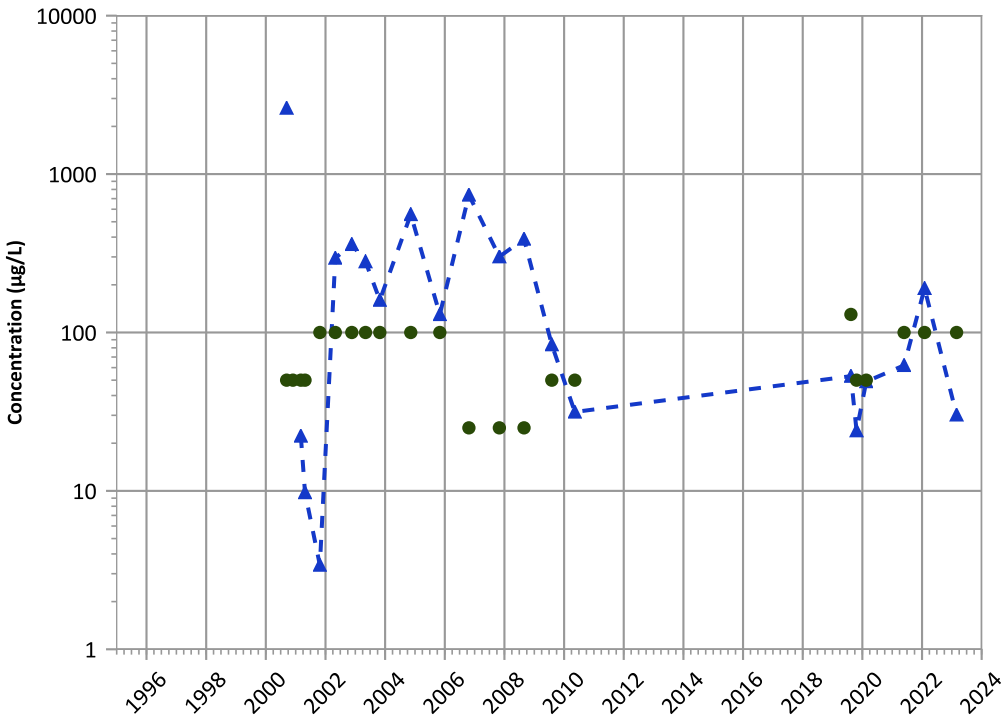
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

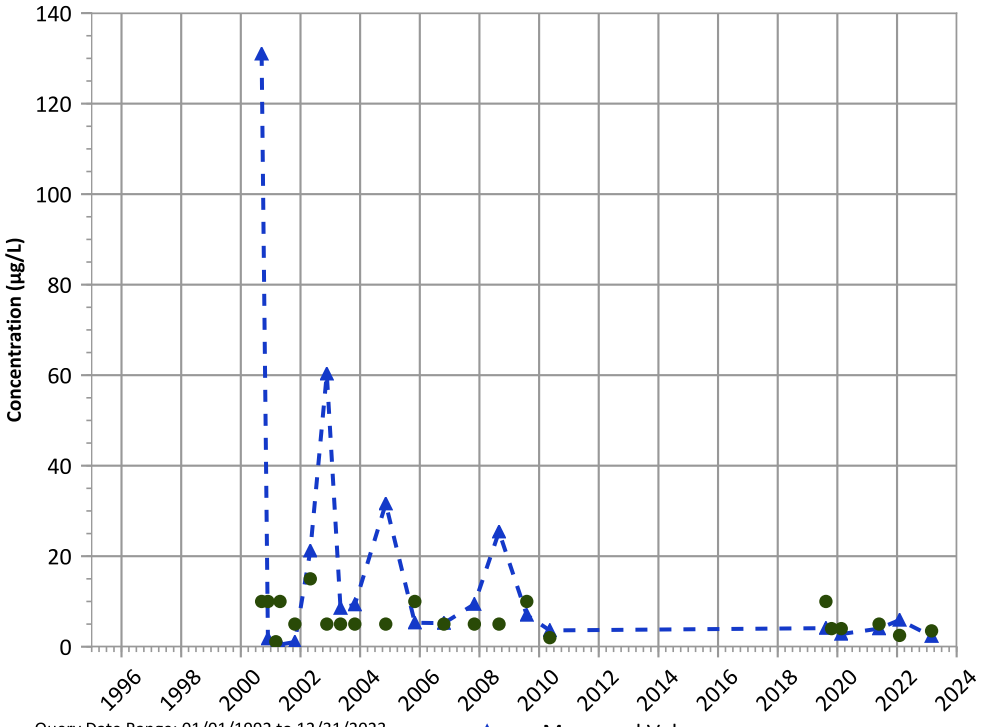


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

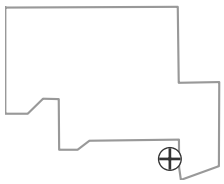
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

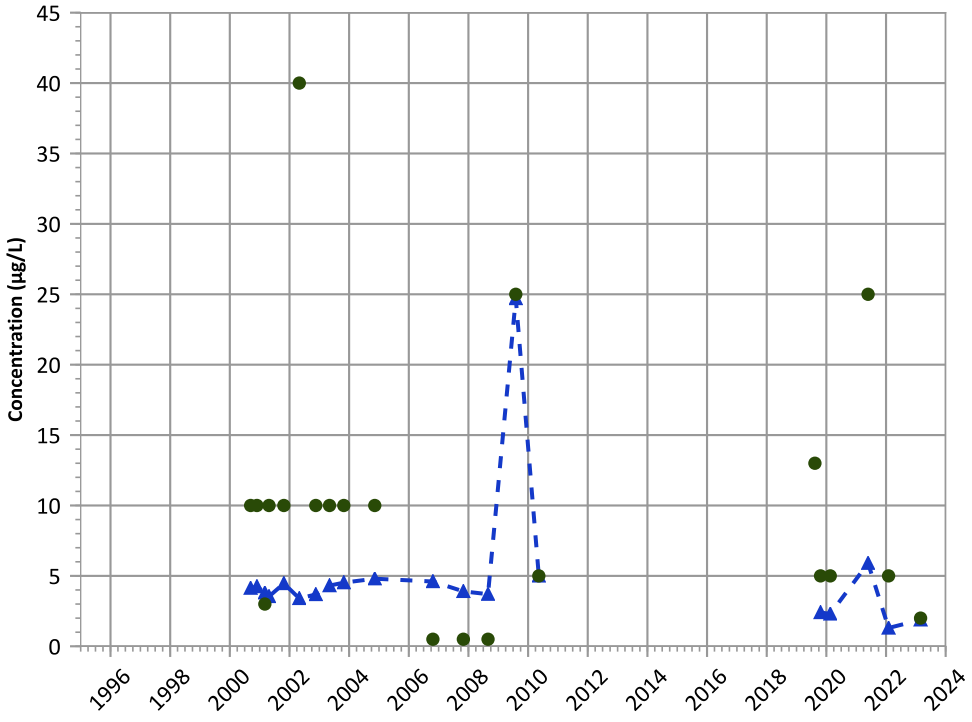
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

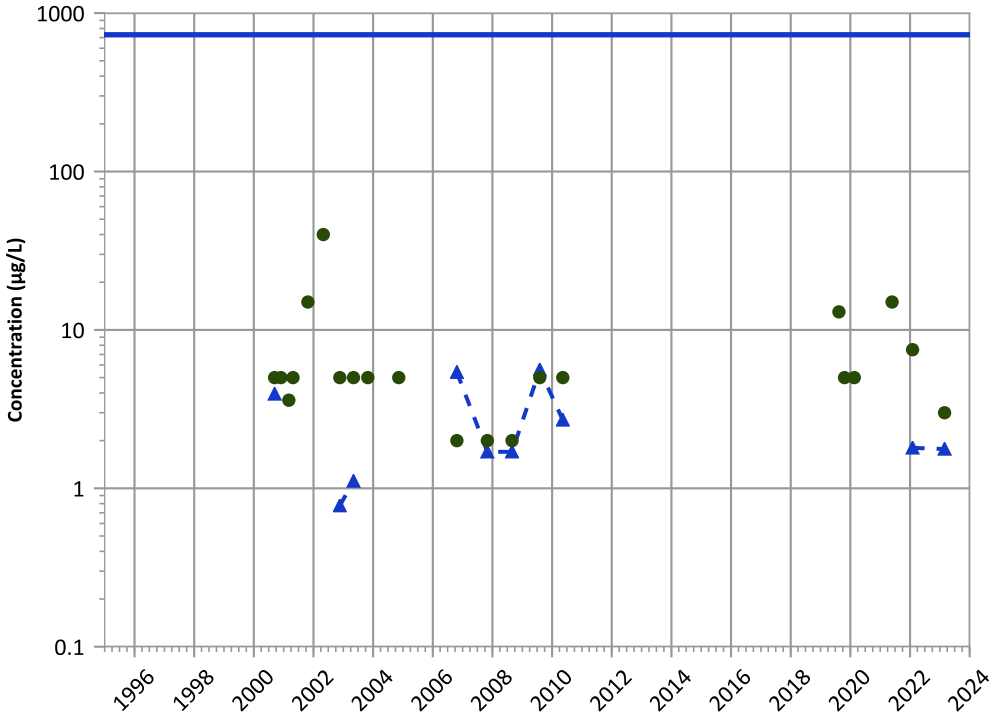


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

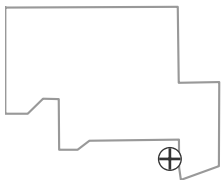
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

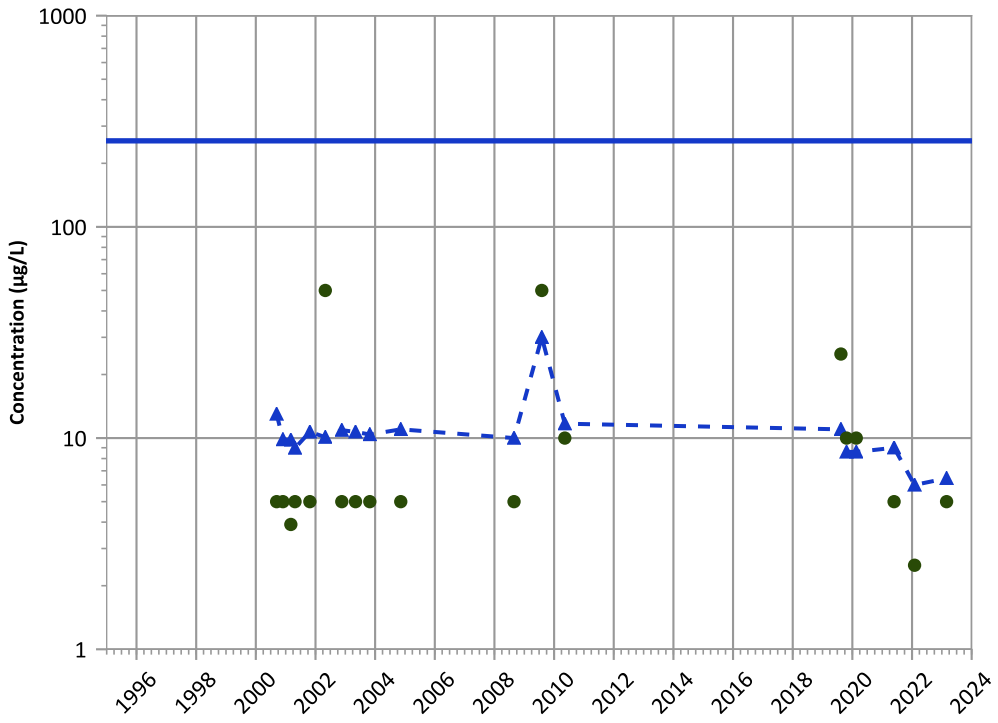
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

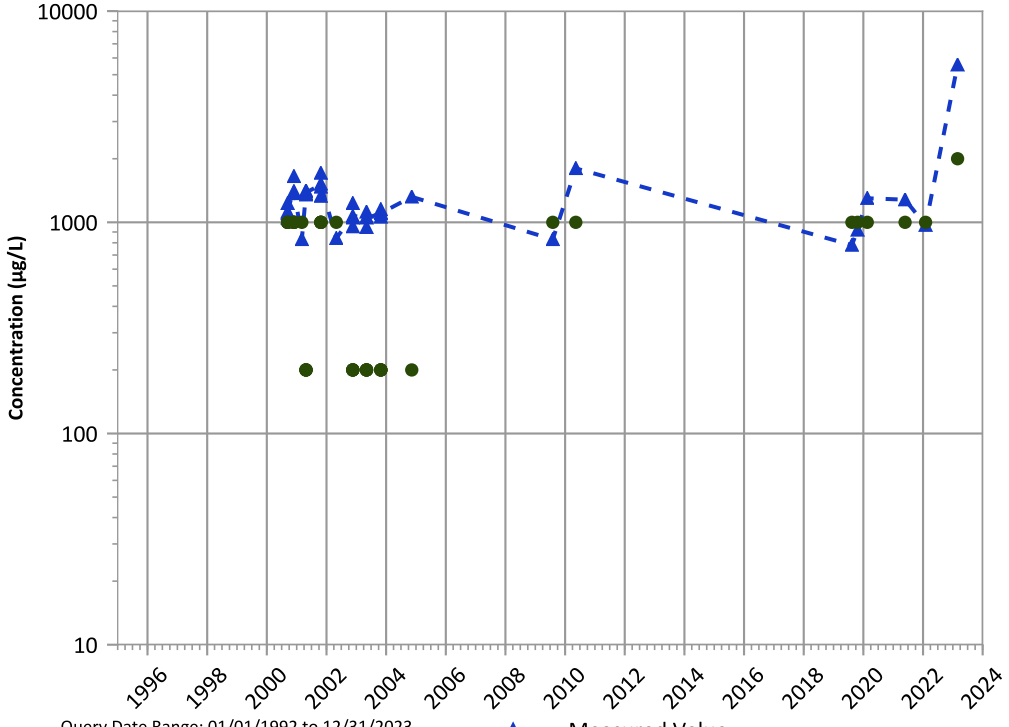


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Total Organic Carbon Trend

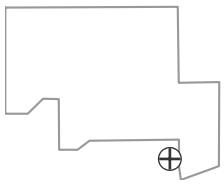


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Well Location

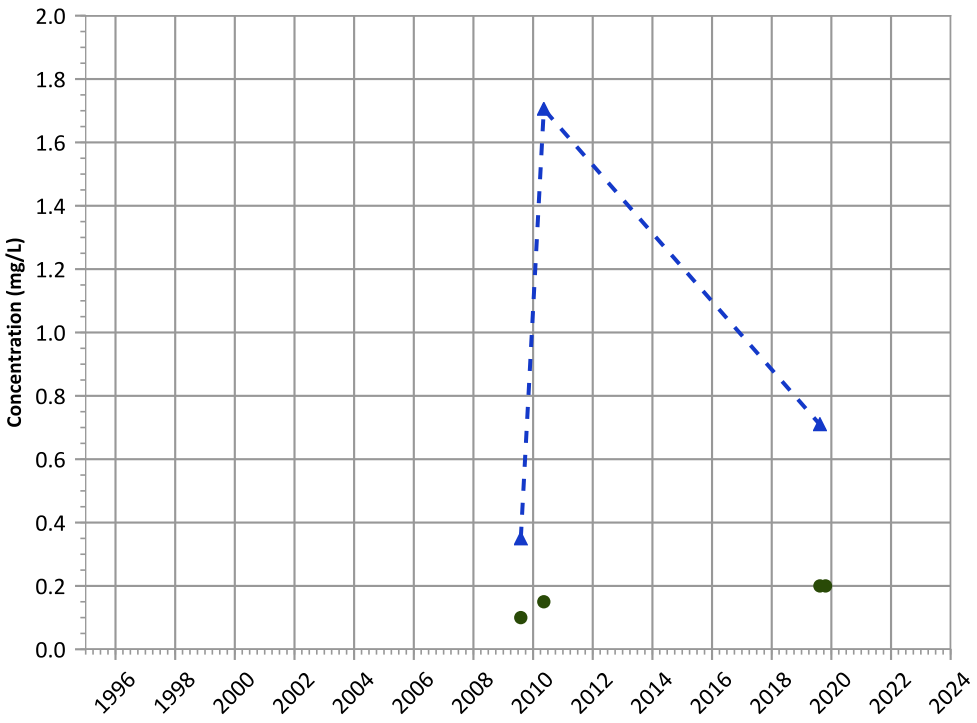


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

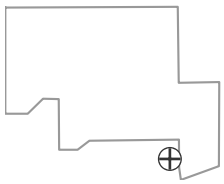
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

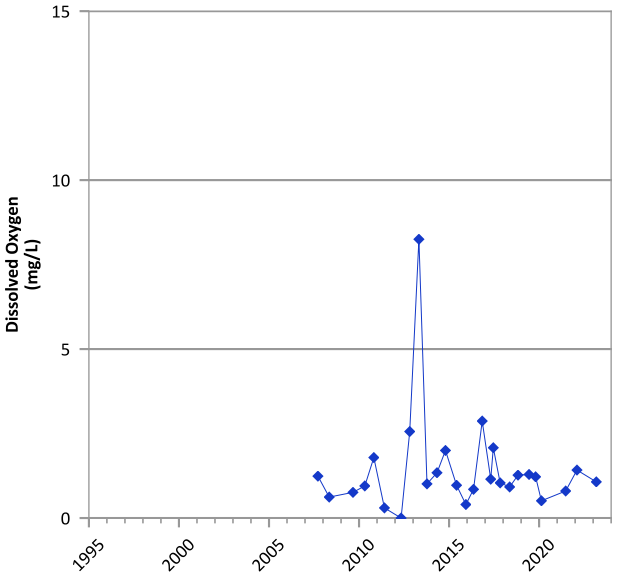
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/12/2000 to 02/28/2023
Analysis Date: 04/01/2024

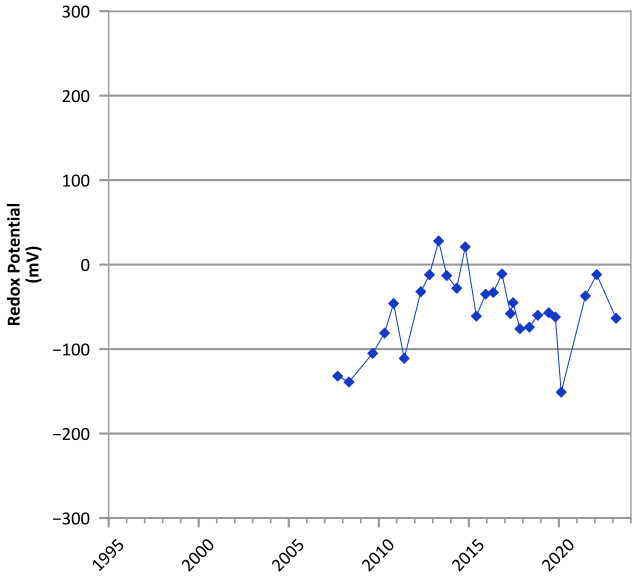
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

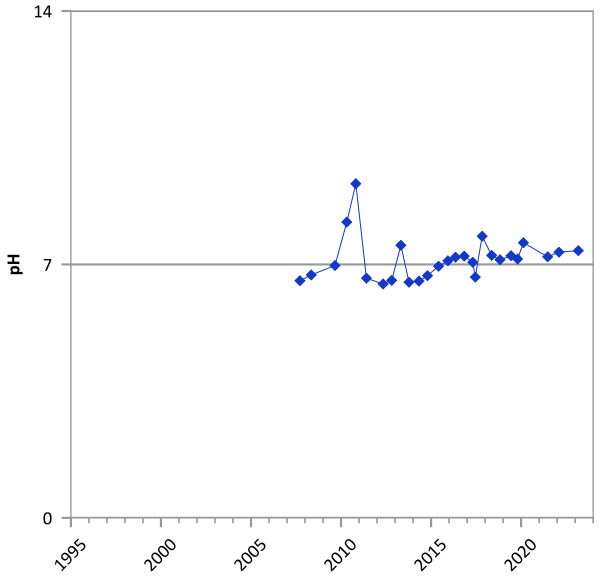
Well Location

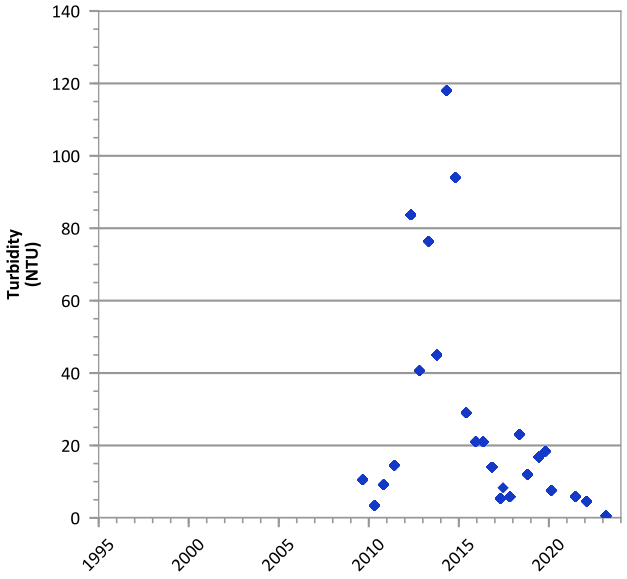


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

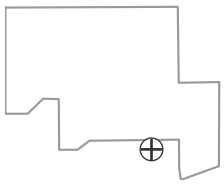






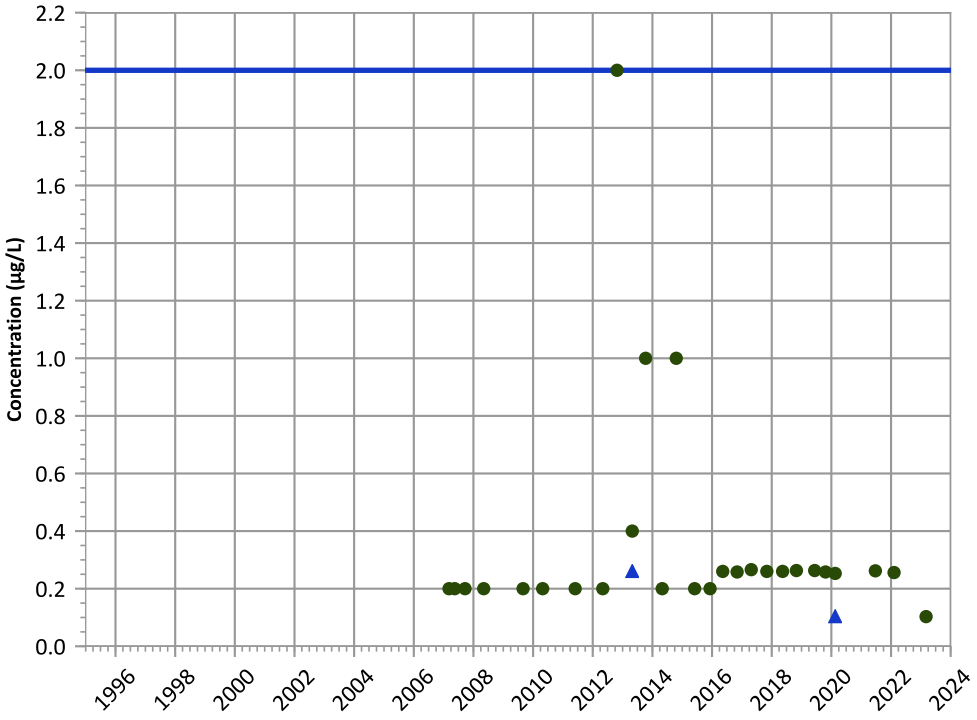


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

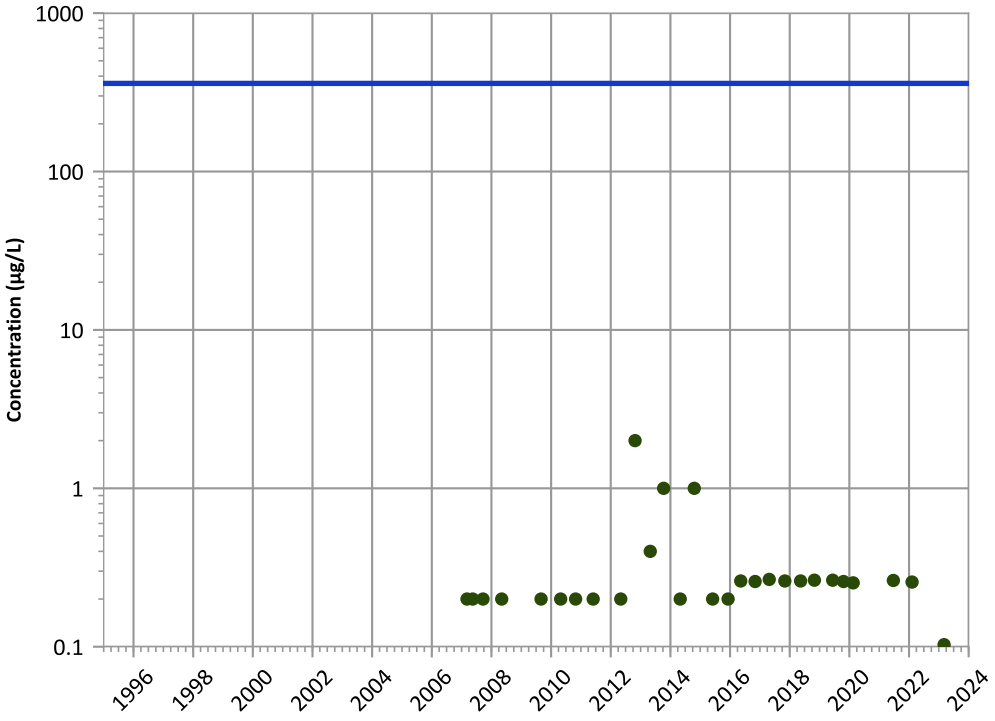


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

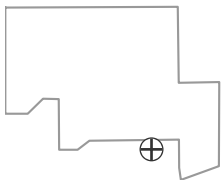
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

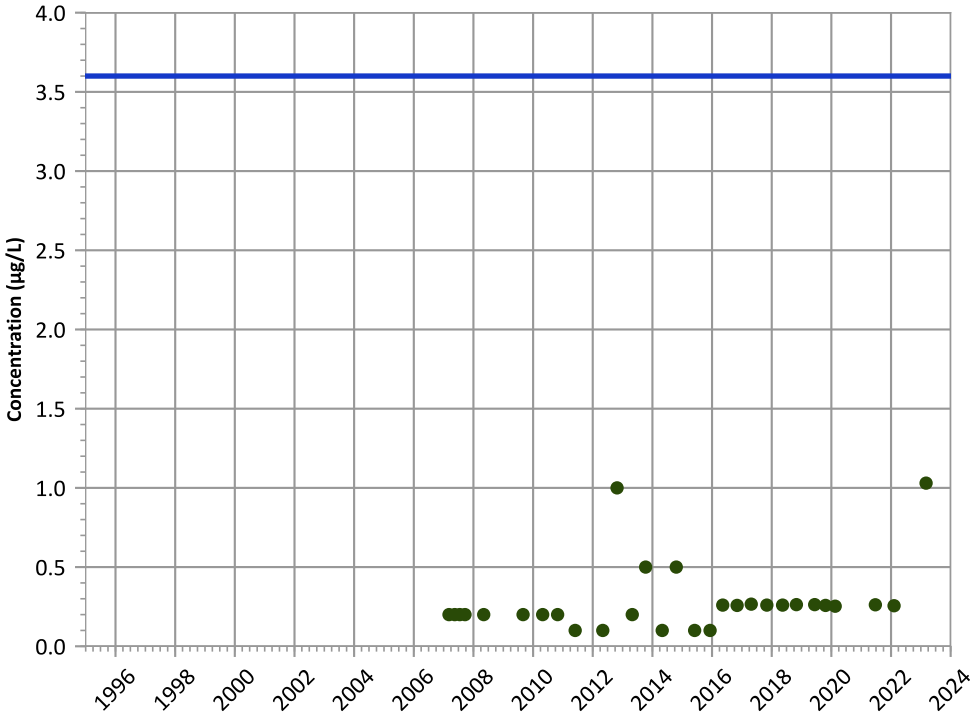
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

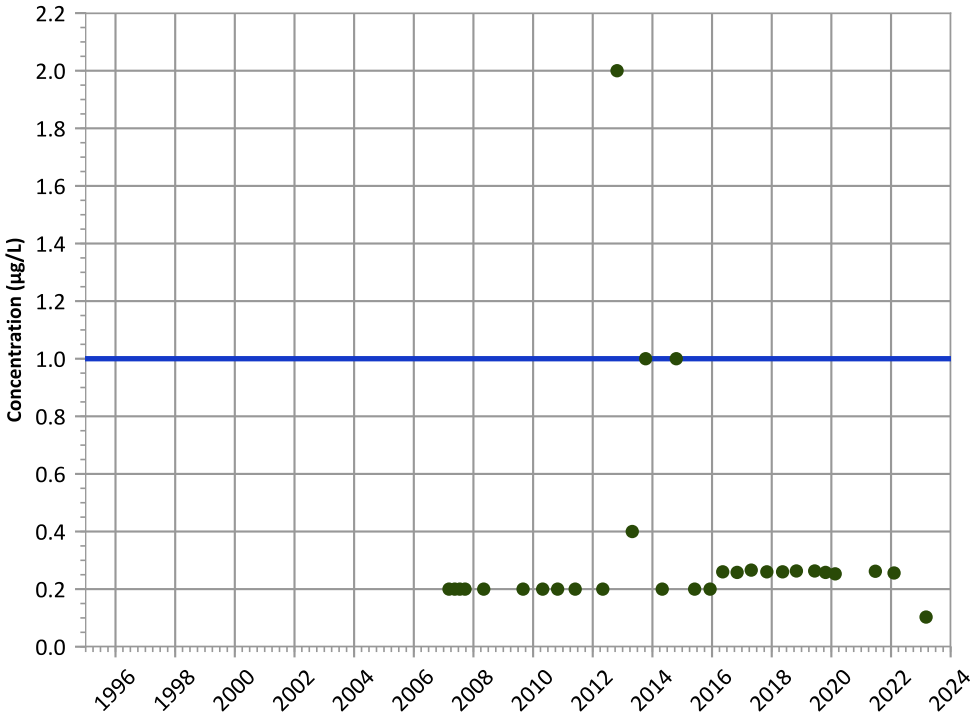


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

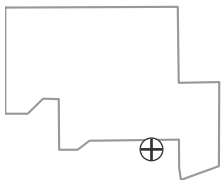
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

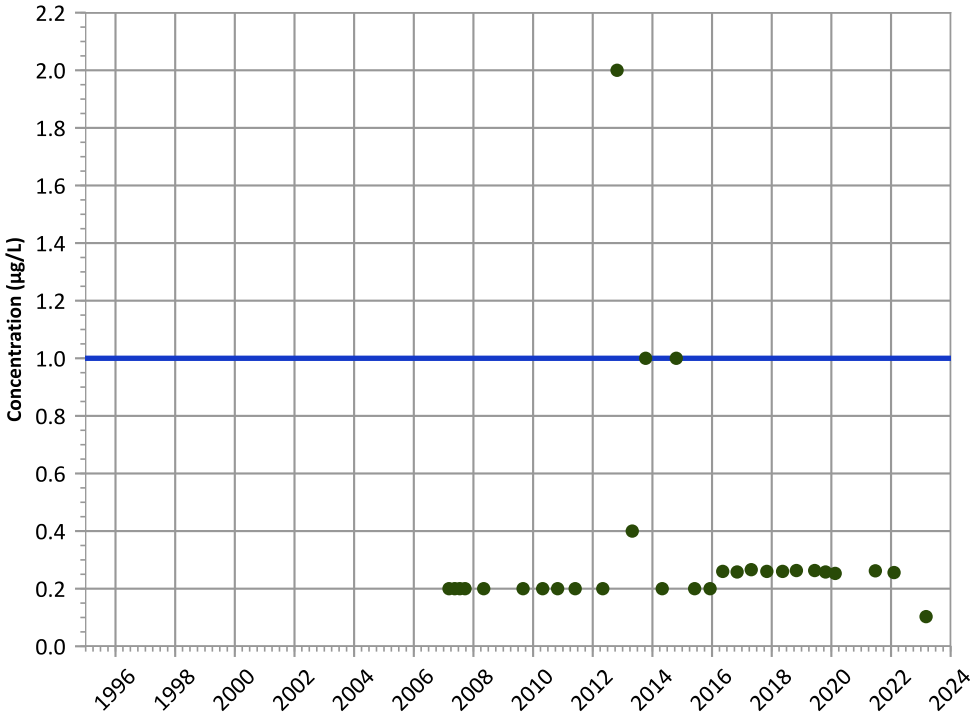
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

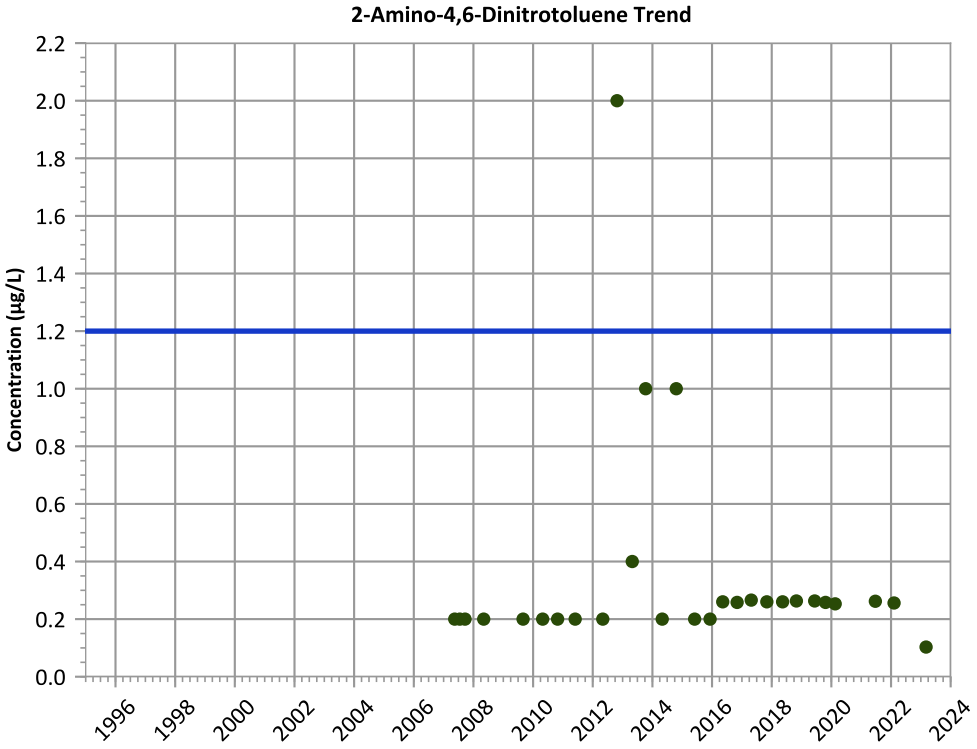


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

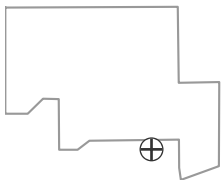
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

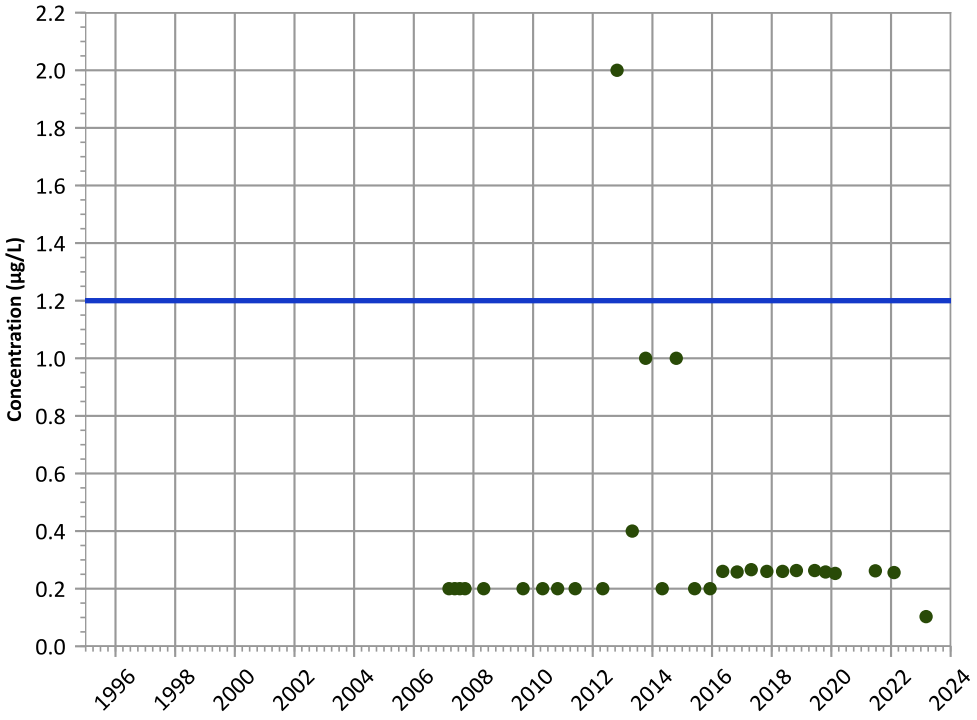
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

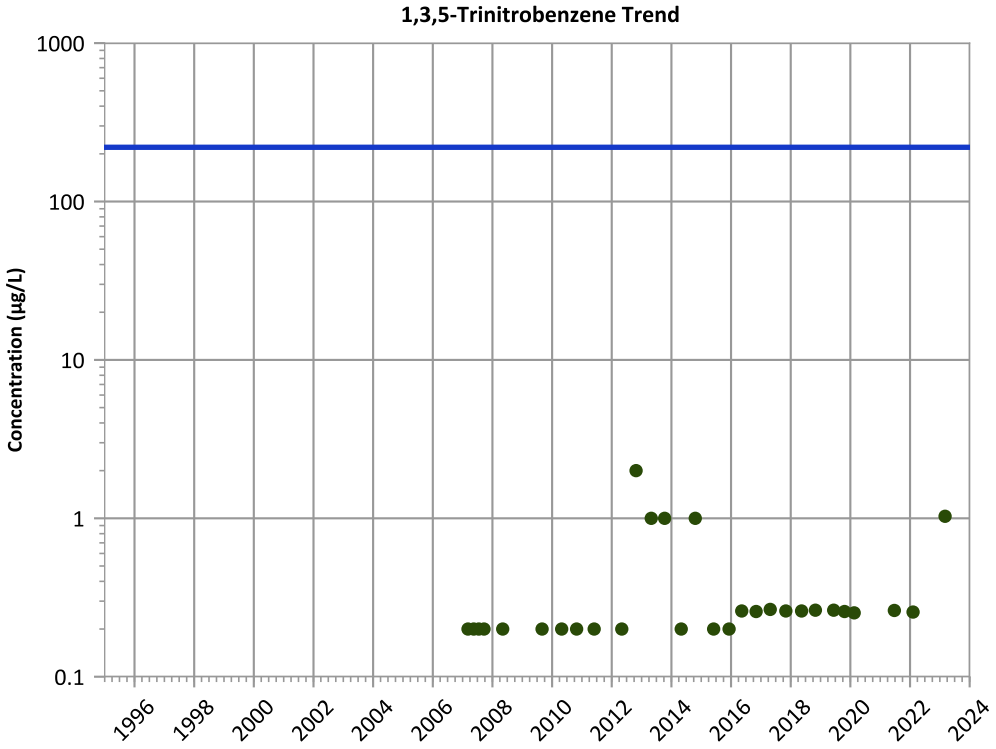


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

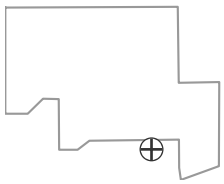
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

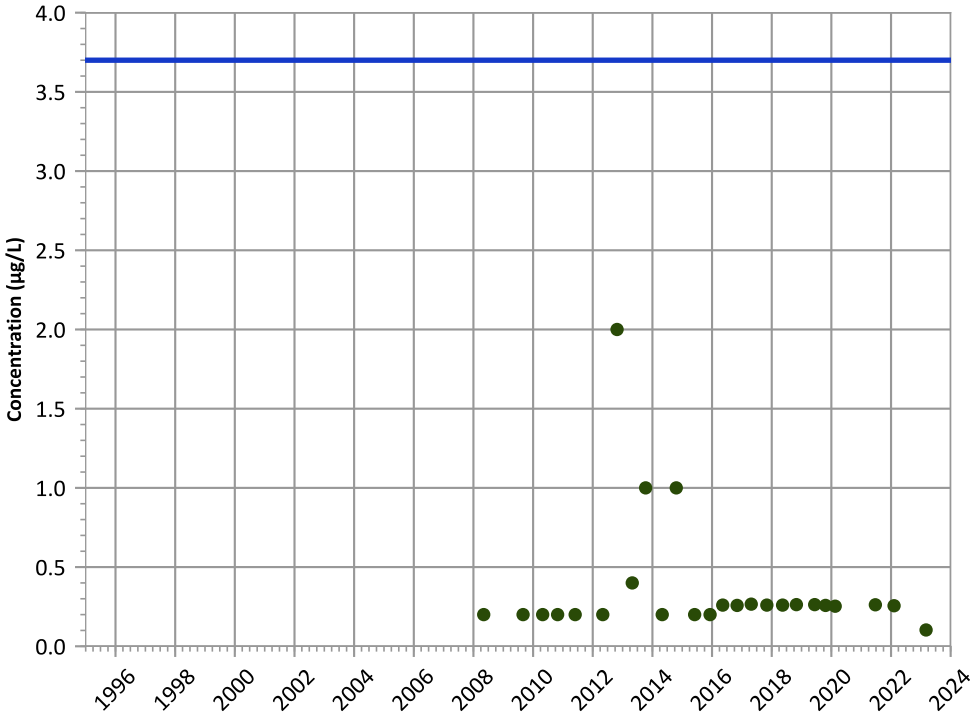
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

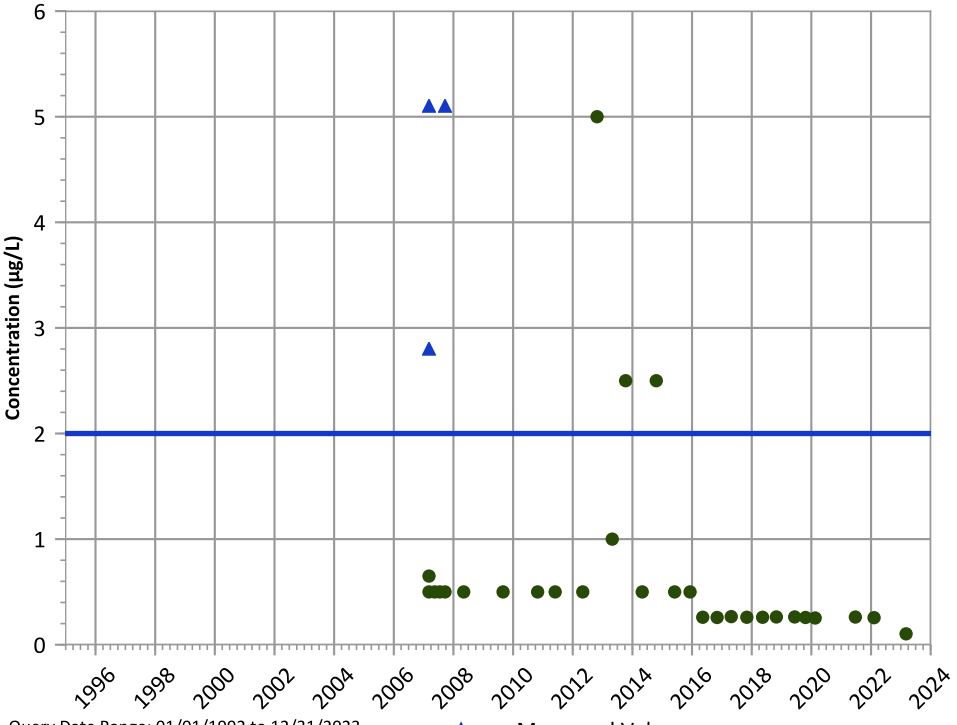


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

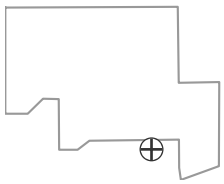
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

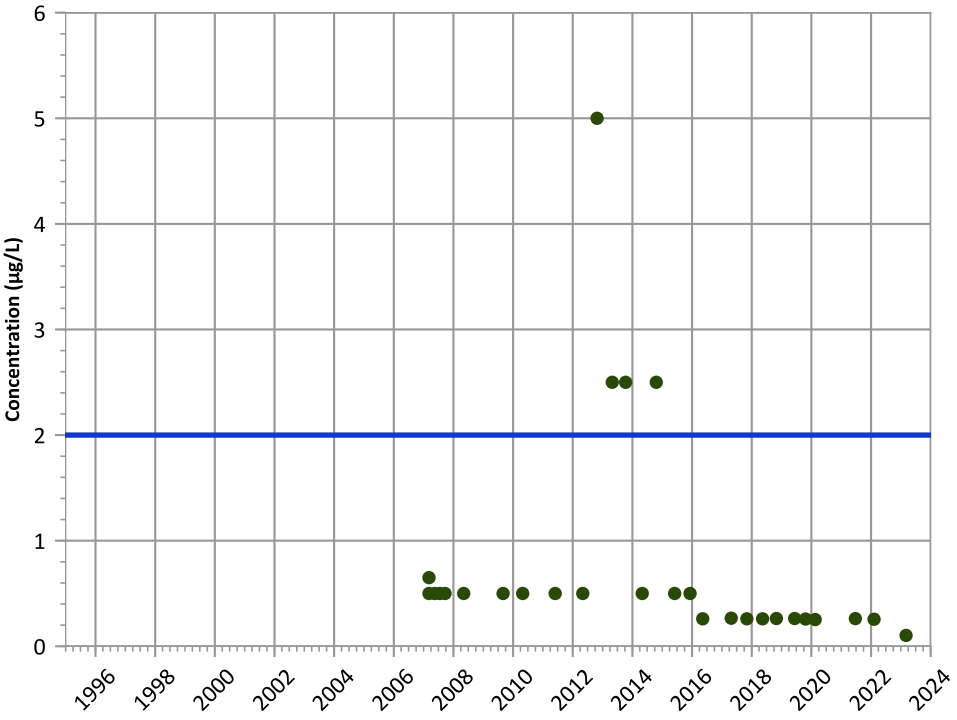
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

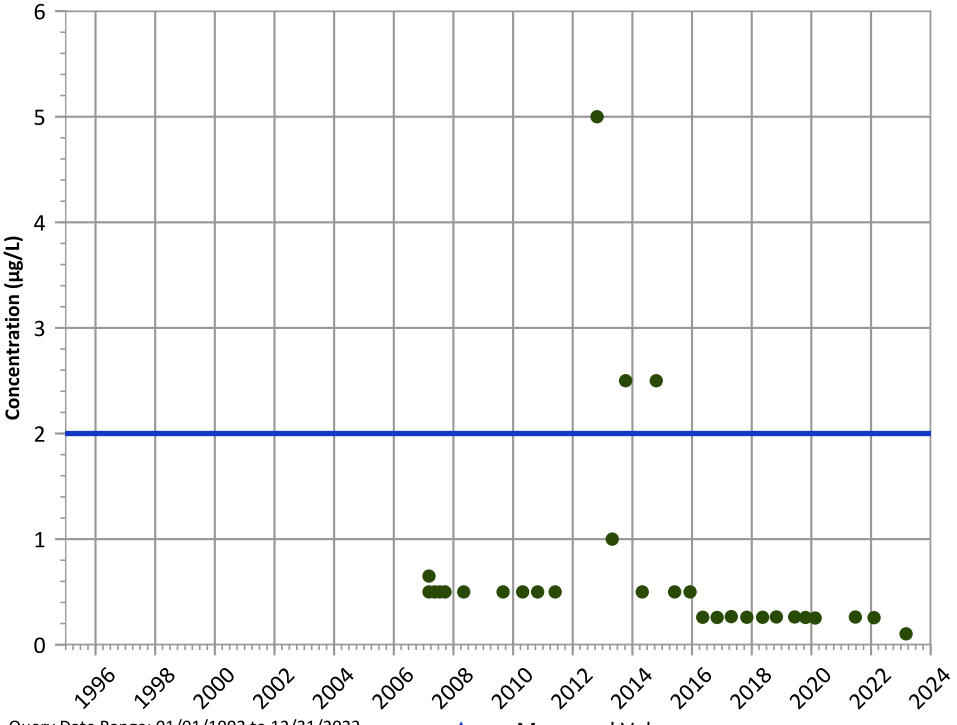
Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



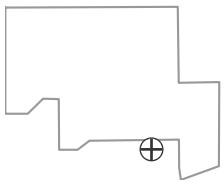
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

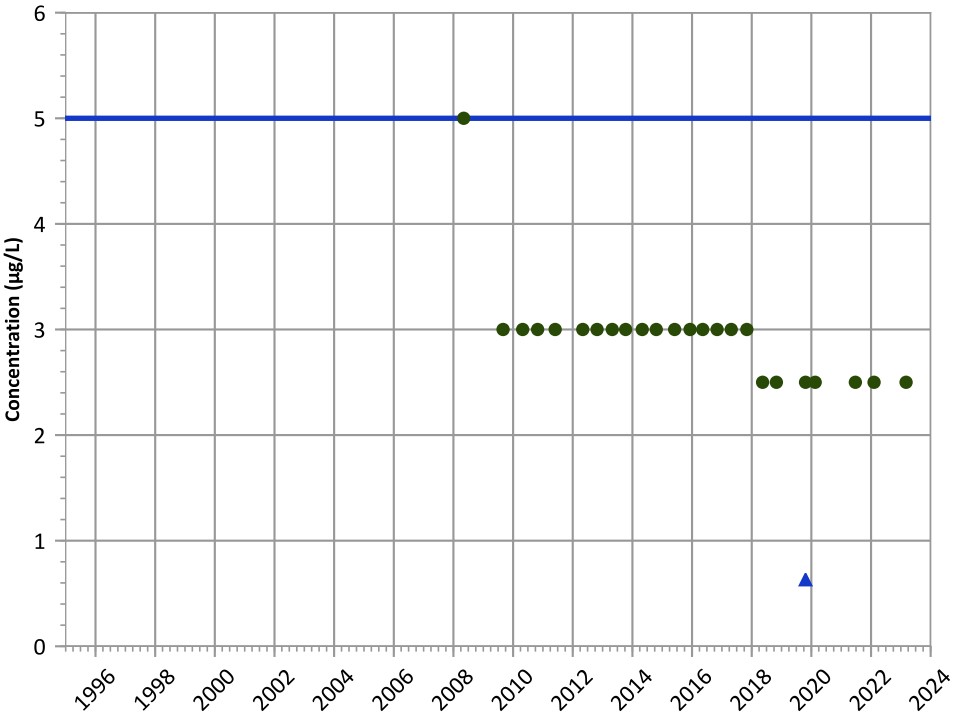
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

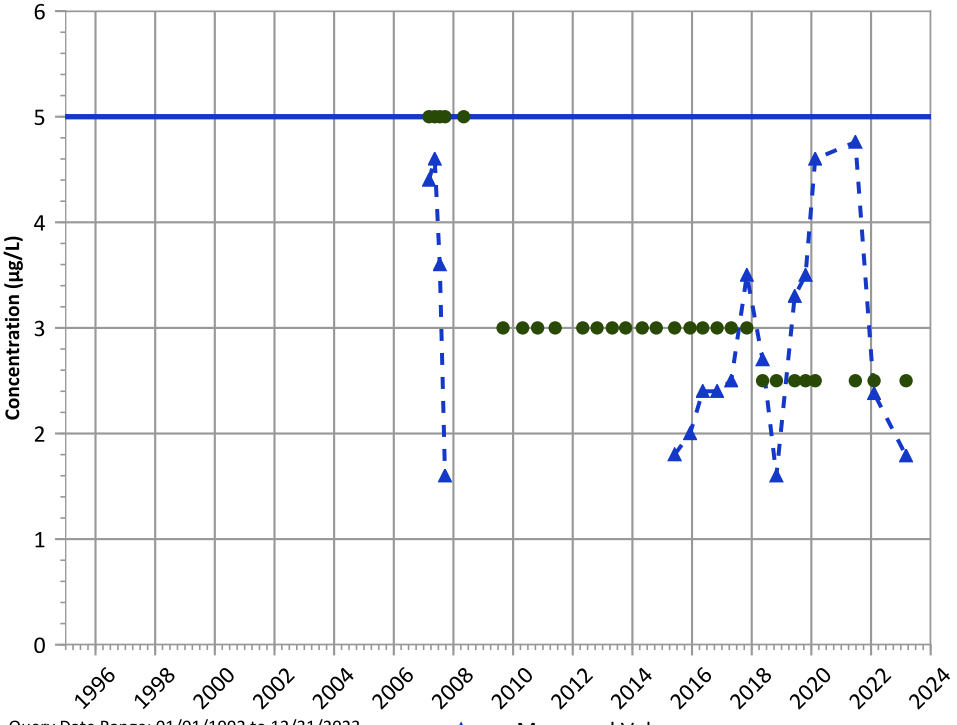


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

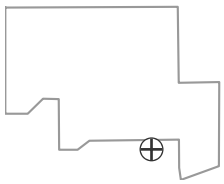
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

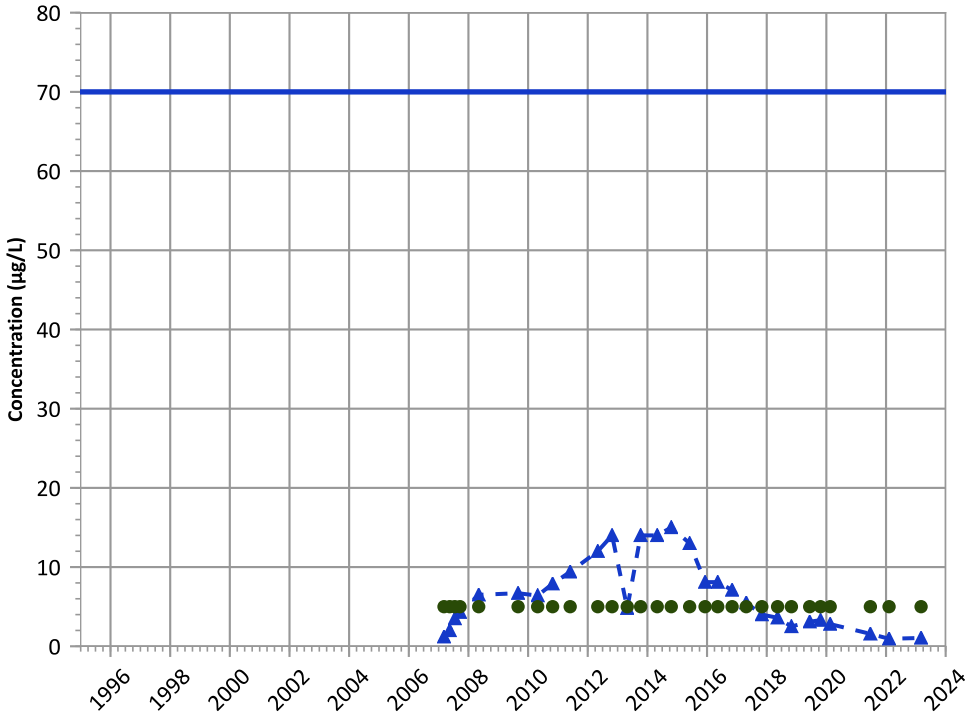
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

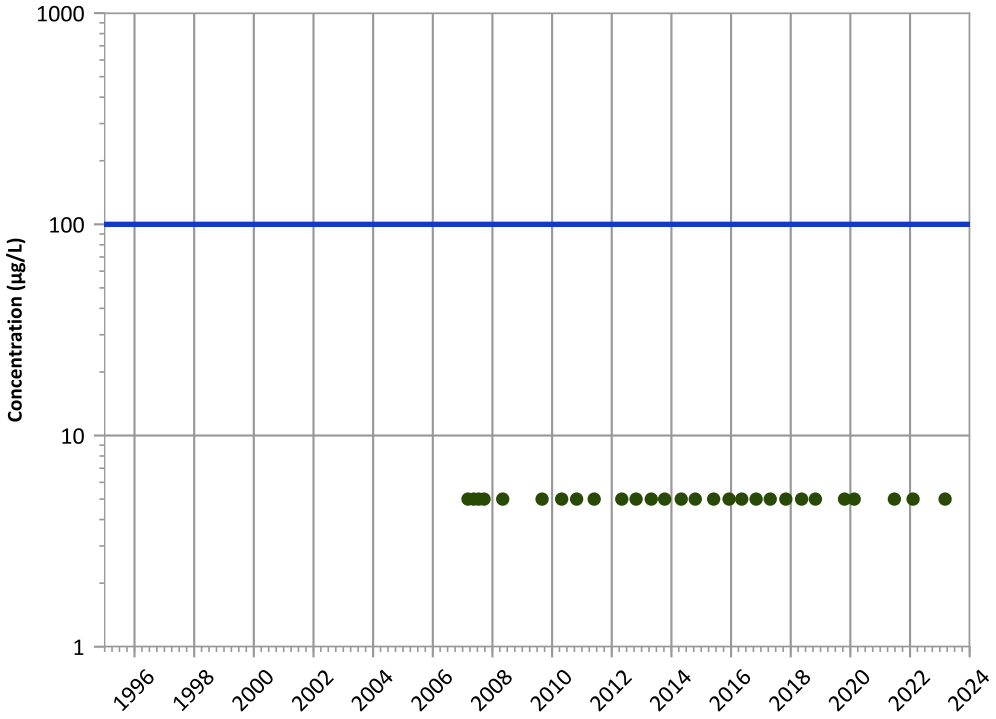


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

trans-1,2-Dichloroethene Trend



Concentration Trend

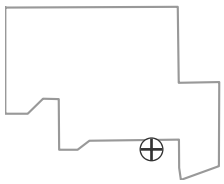
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

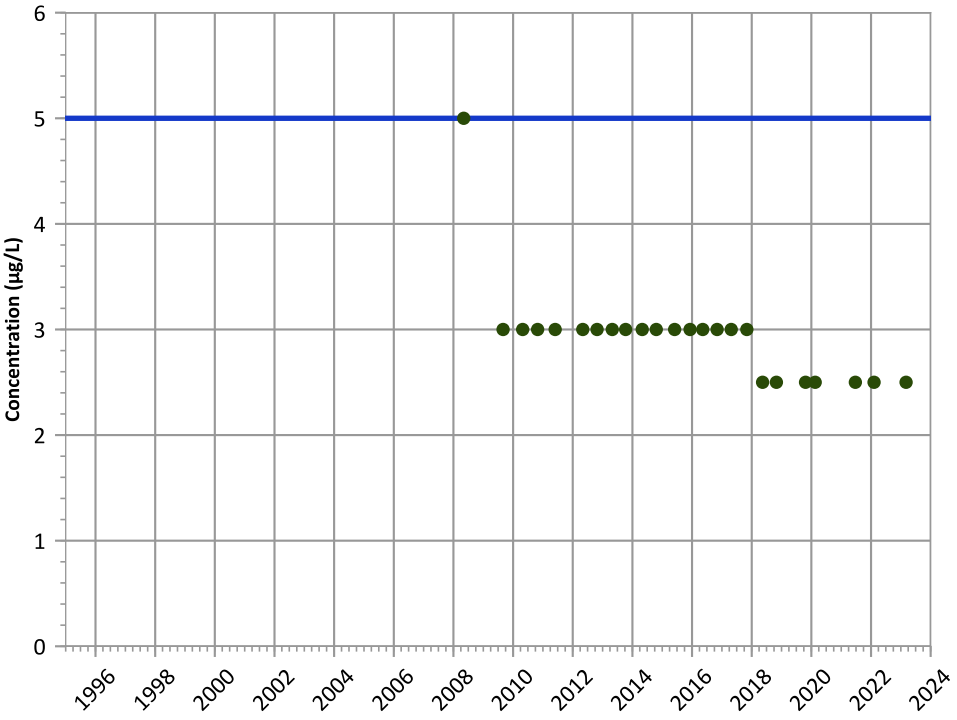
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

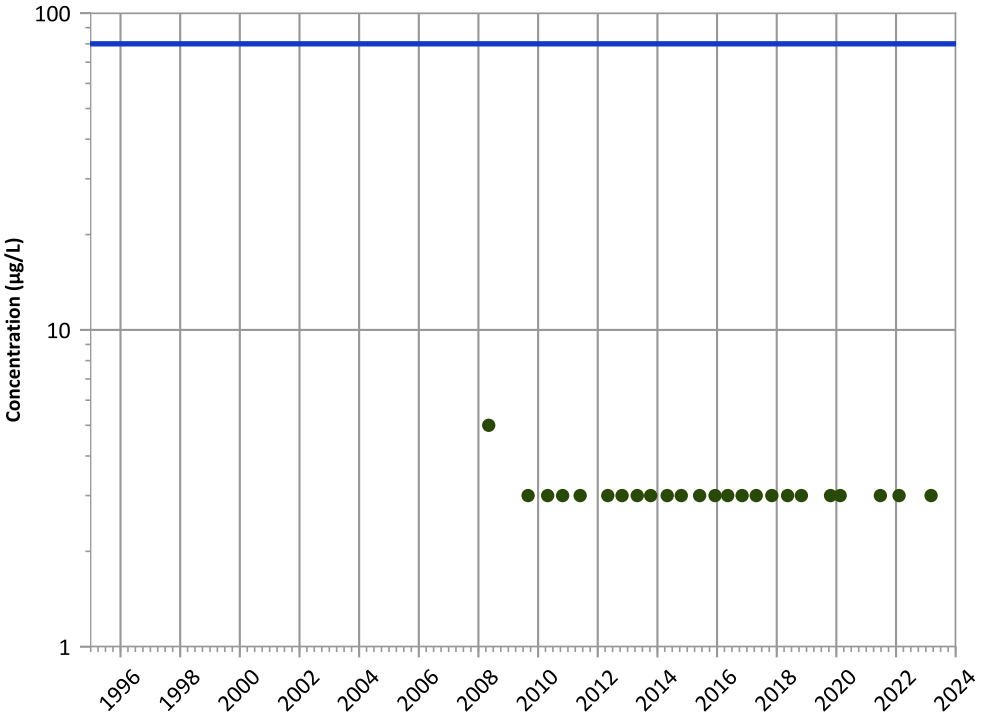


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

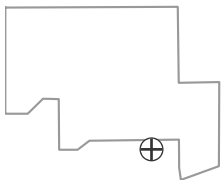
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

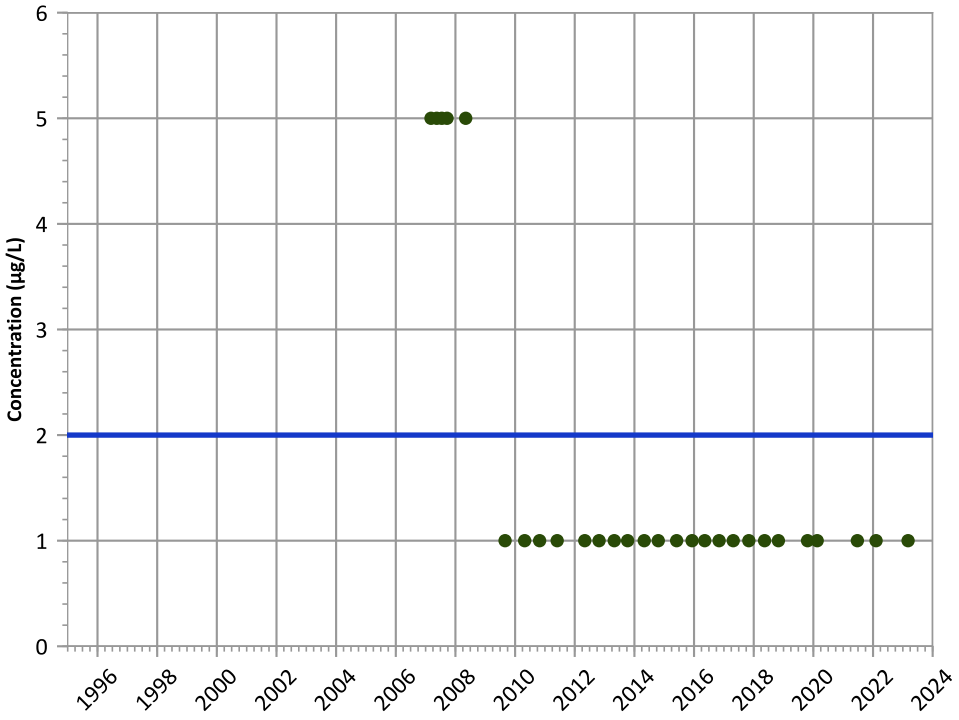
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

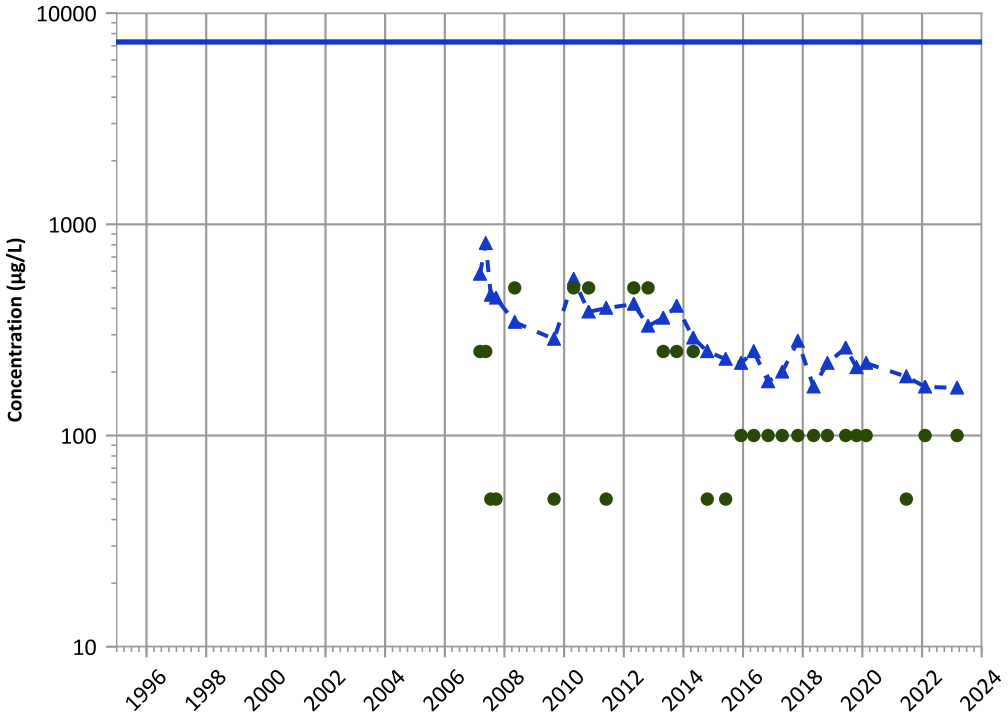


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

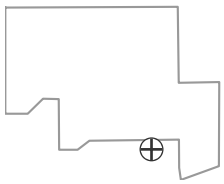
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

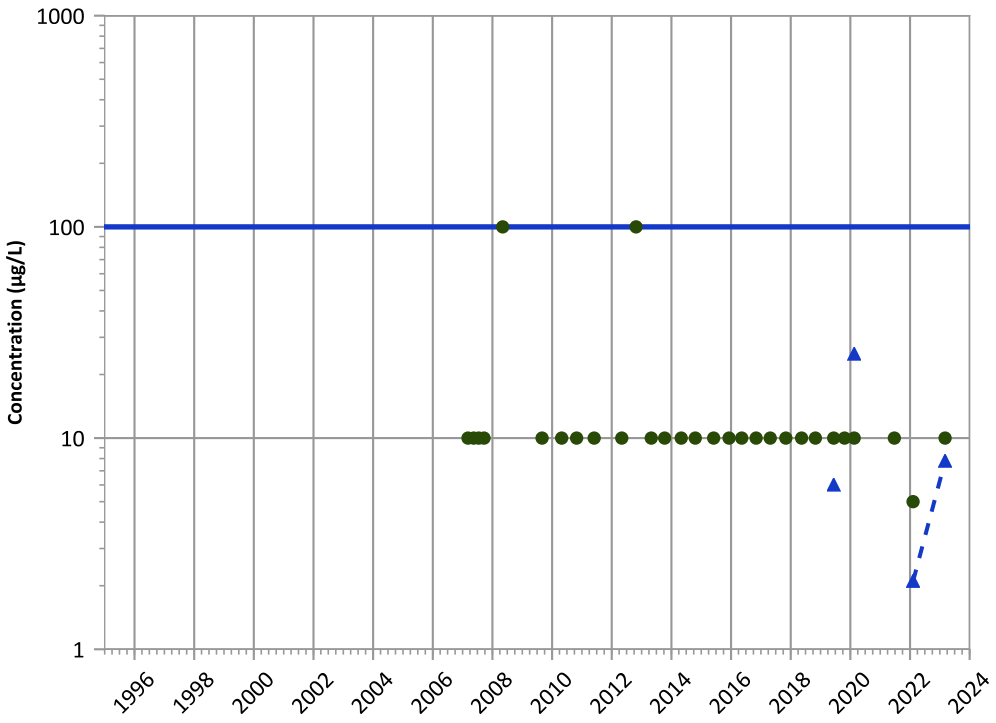
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

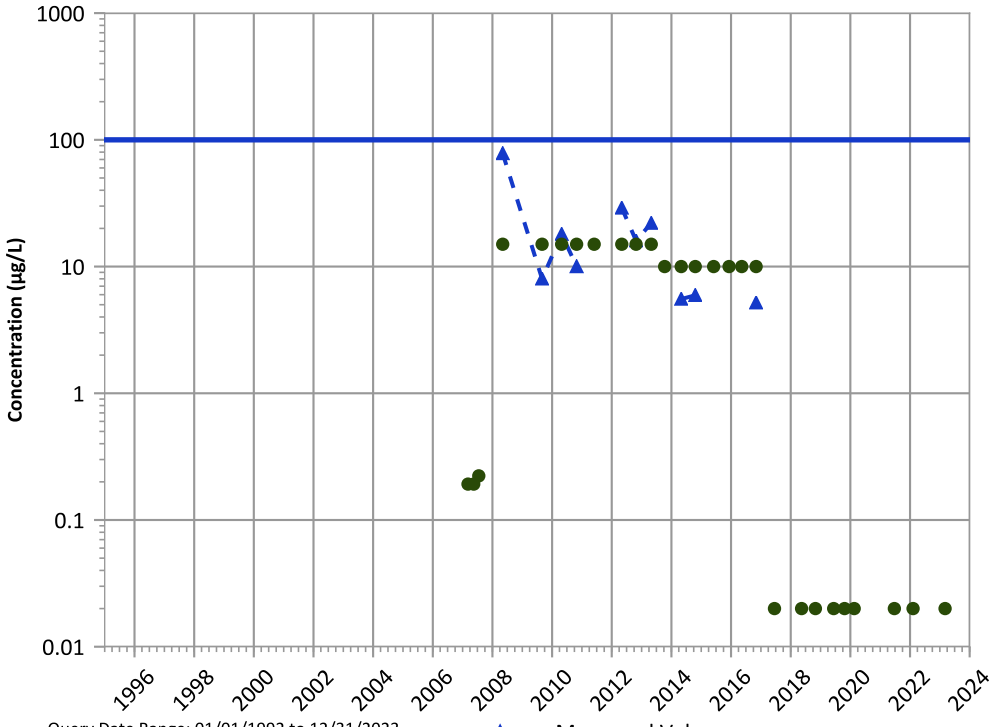


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

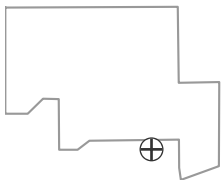
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

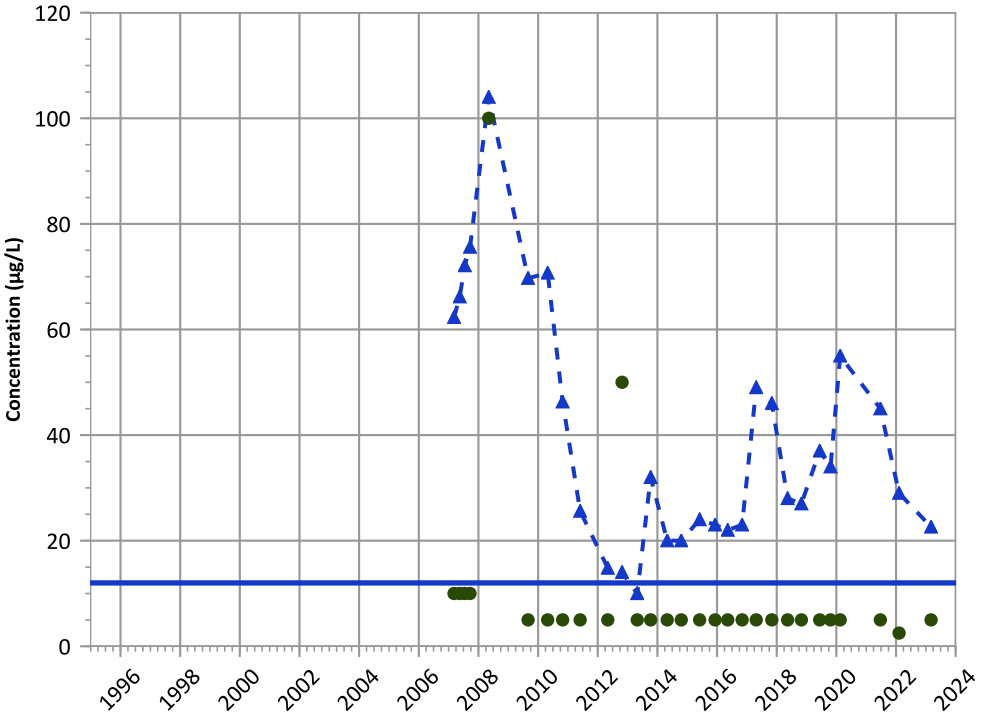
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

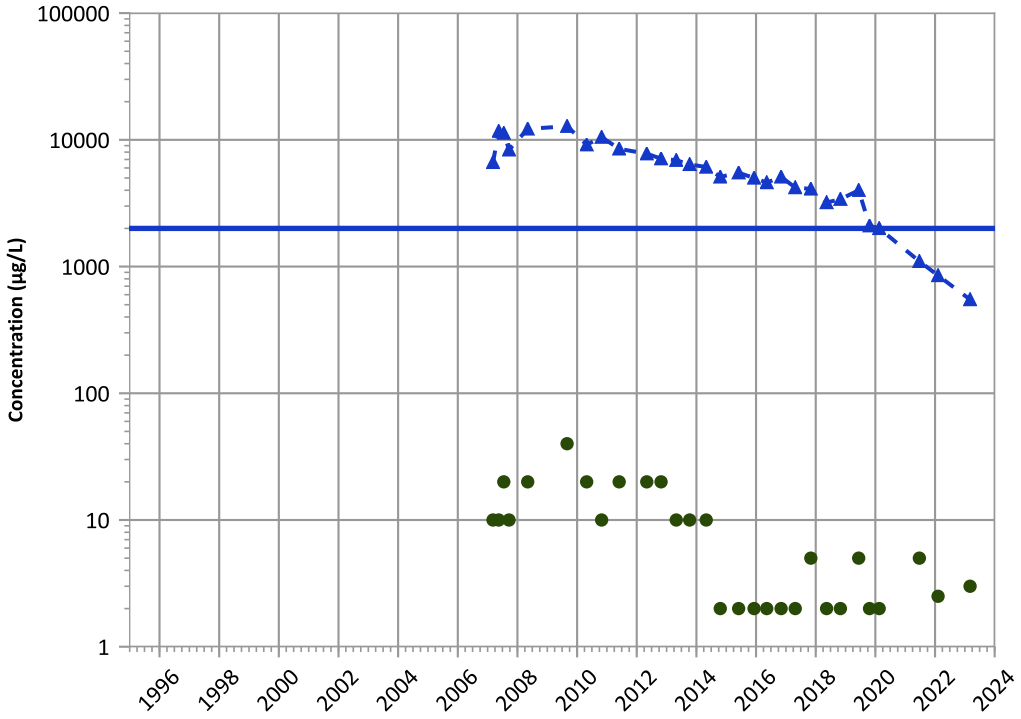


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Barium Trend



Concentration Trend

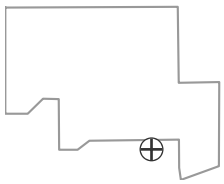
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

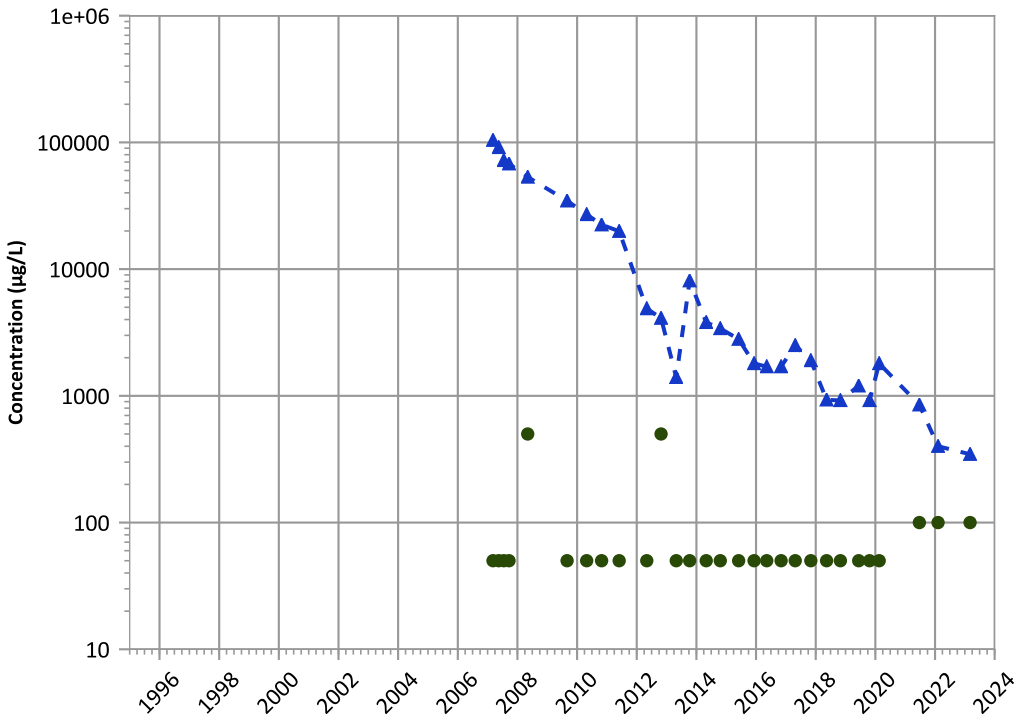
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

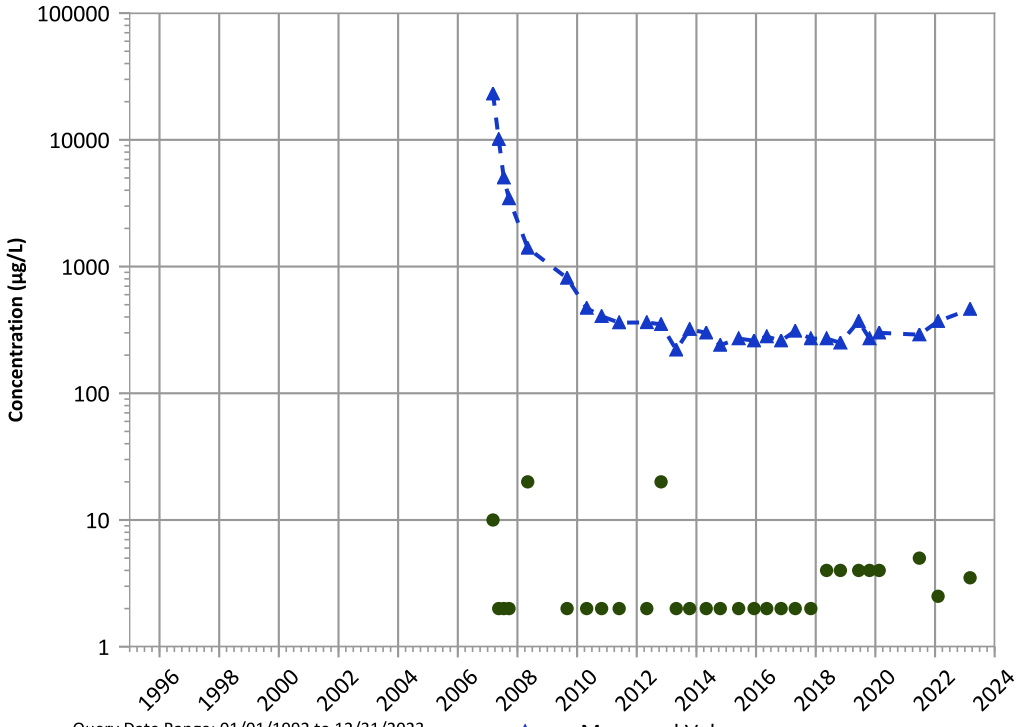


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Manganese Trend



Concentration Trend

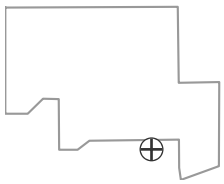
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

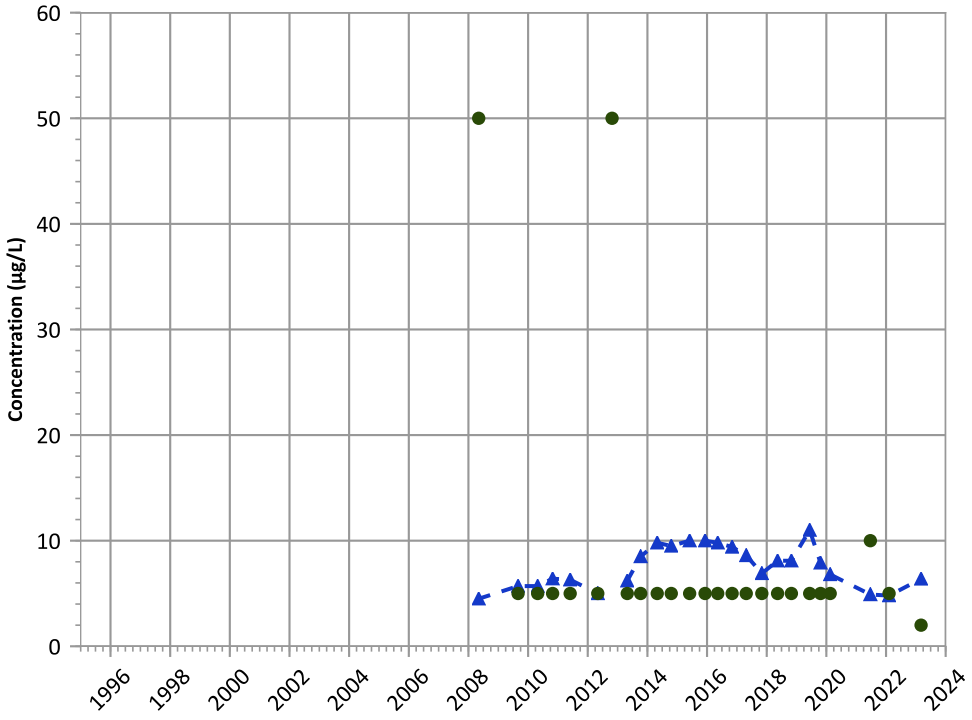
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

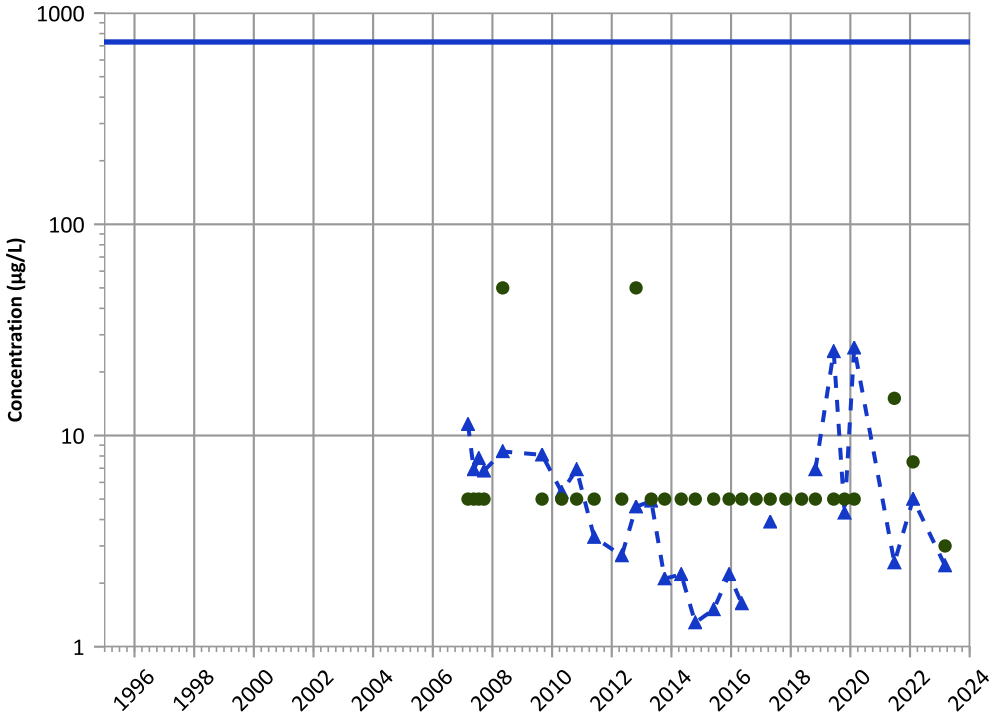


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

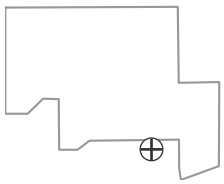
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

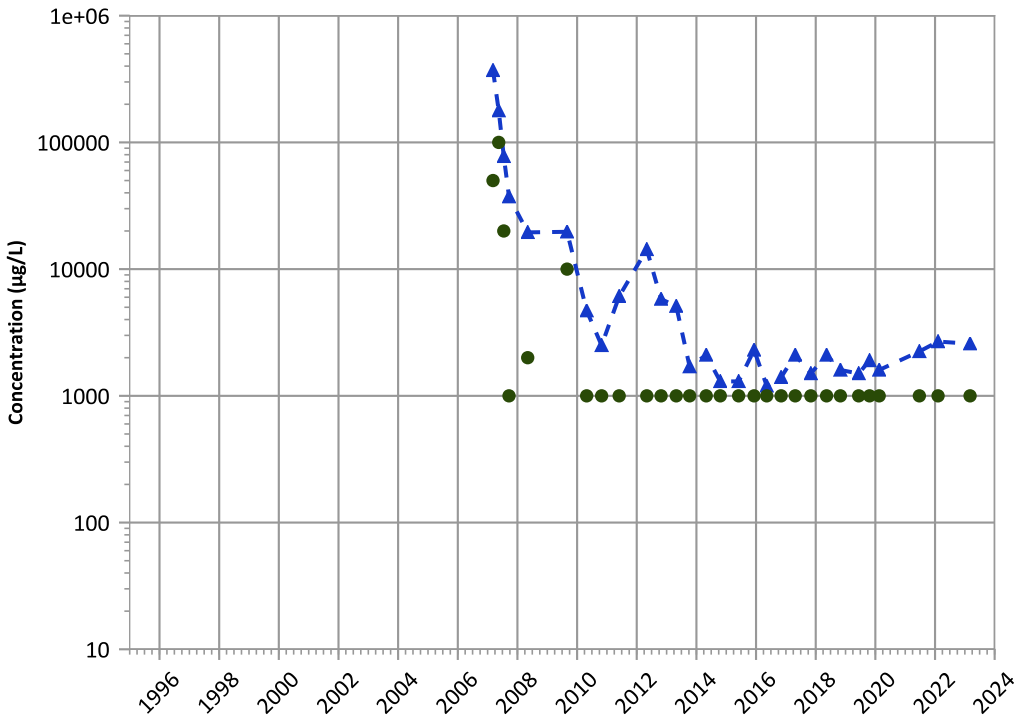
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

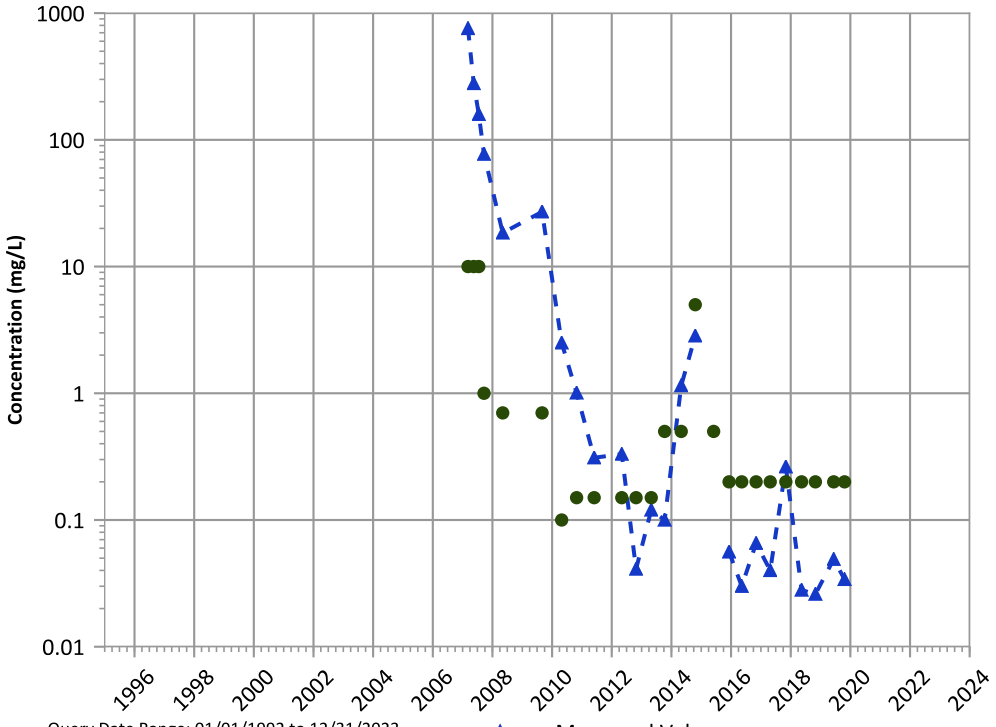


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

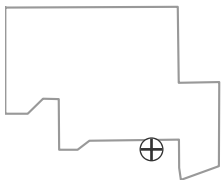
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

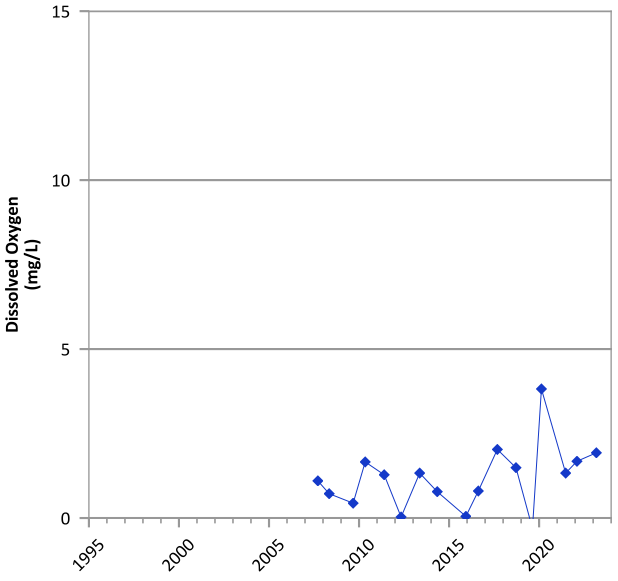
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/08/2007 to 03/06/2023
Analysis Date: 04/01/2024

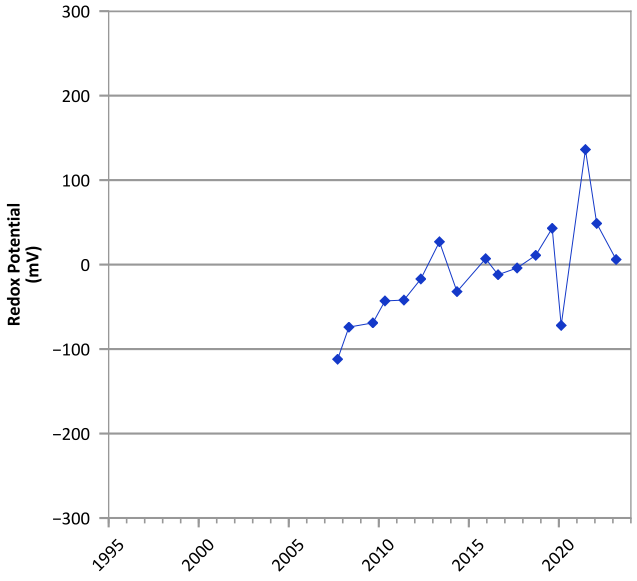
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

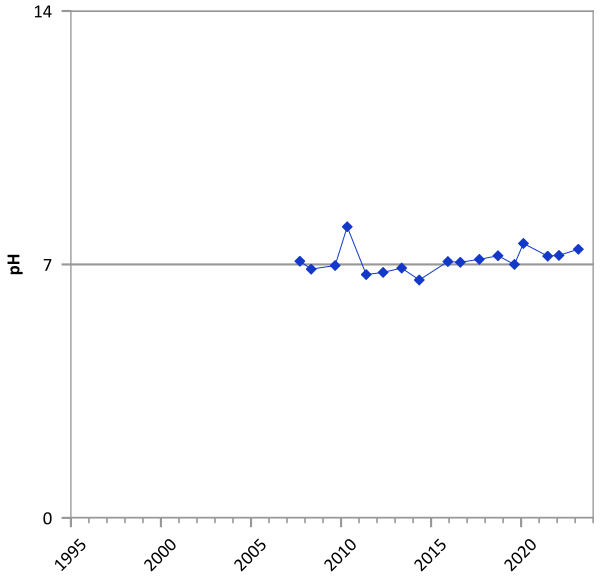
Well Location

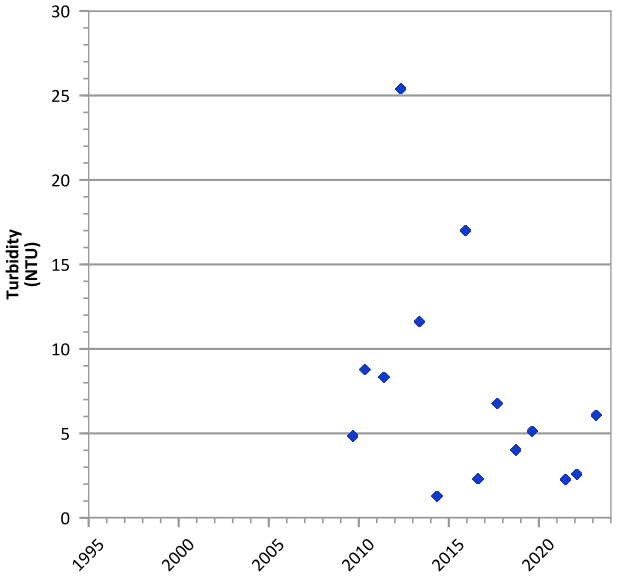


PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

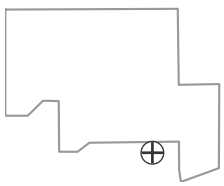






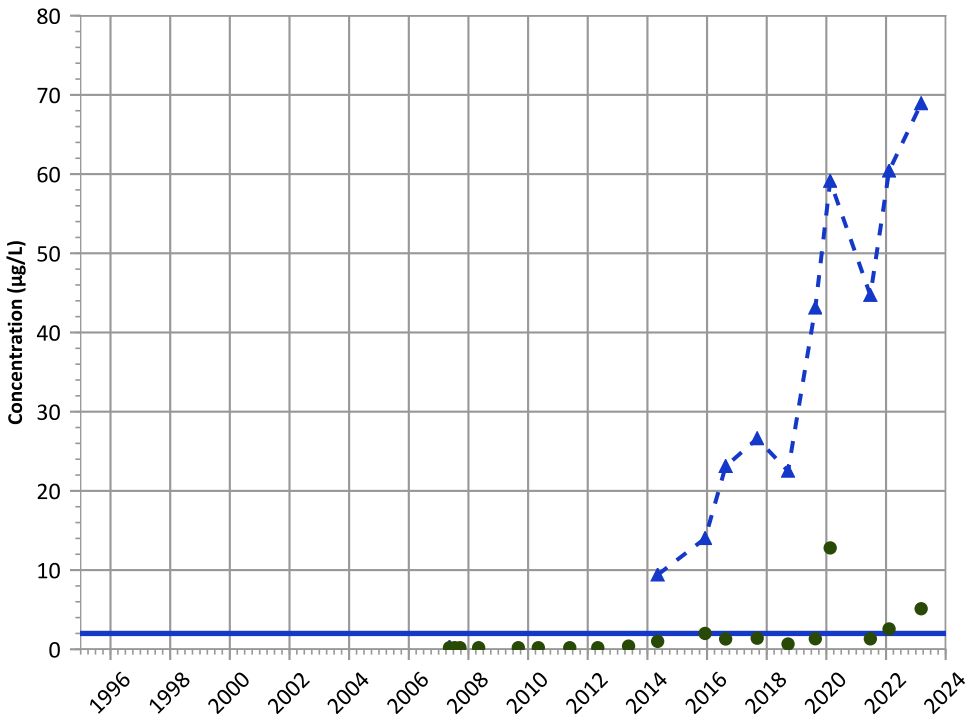


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

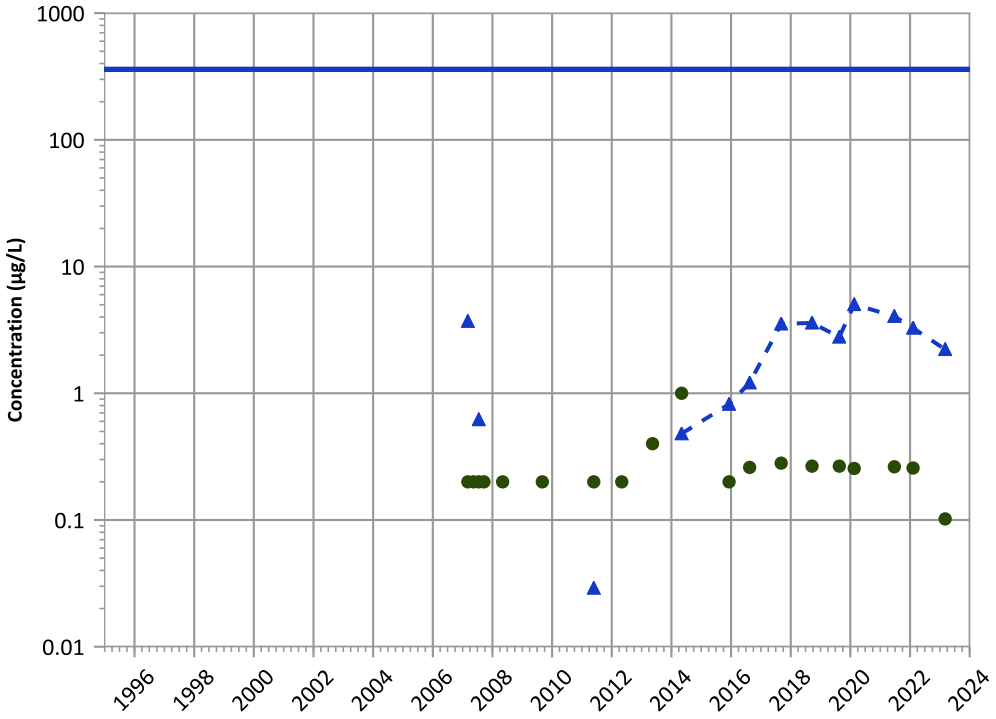


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

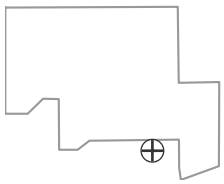
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

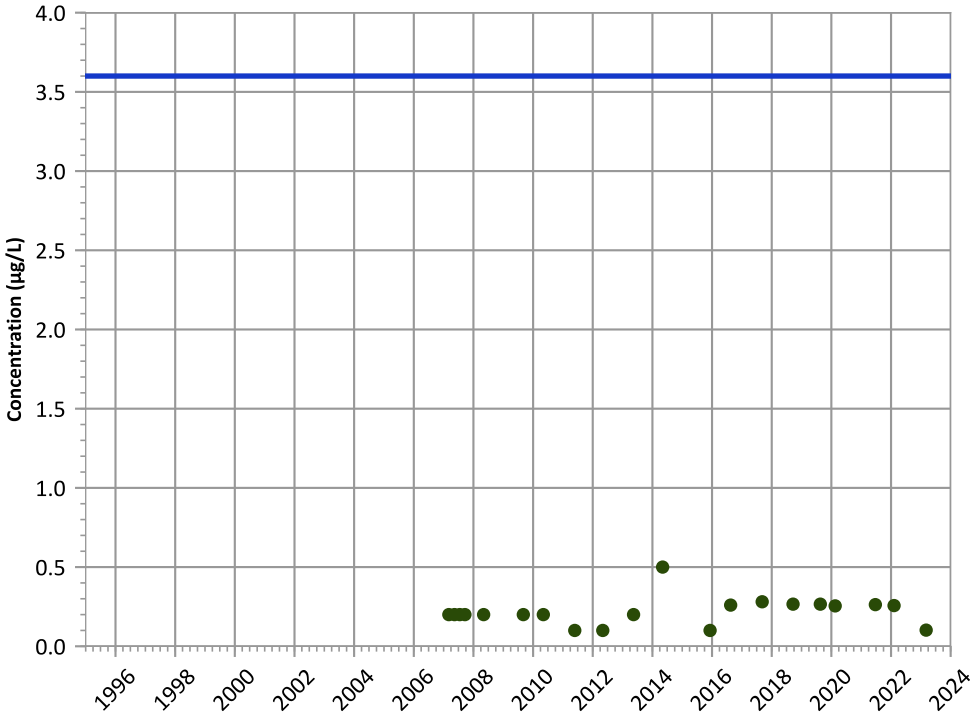
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

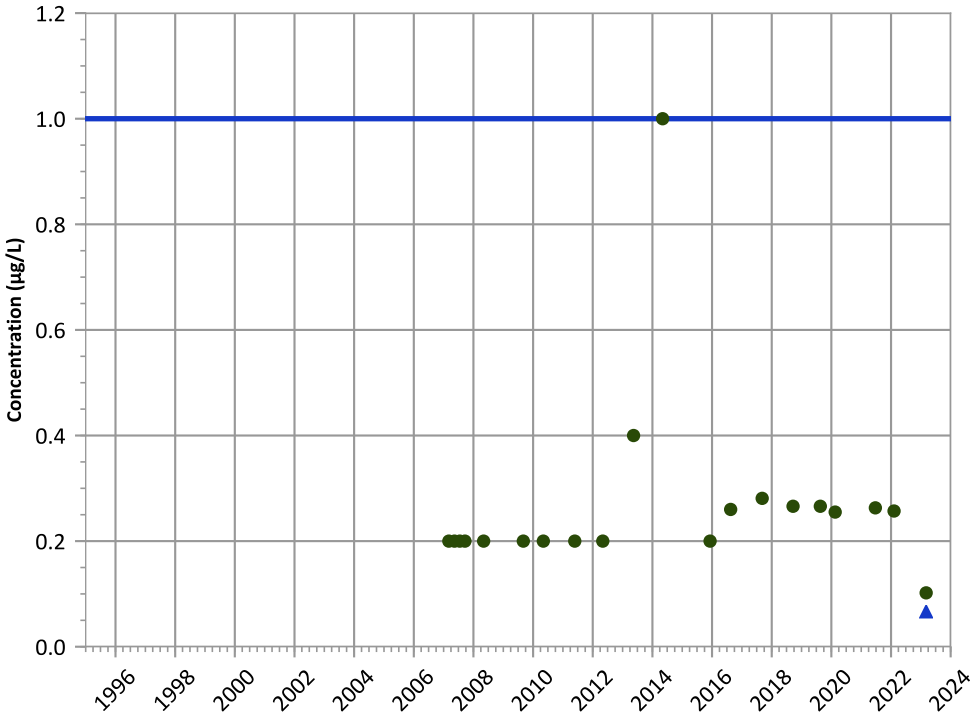


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

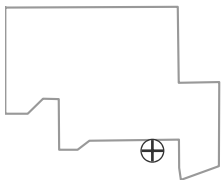
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

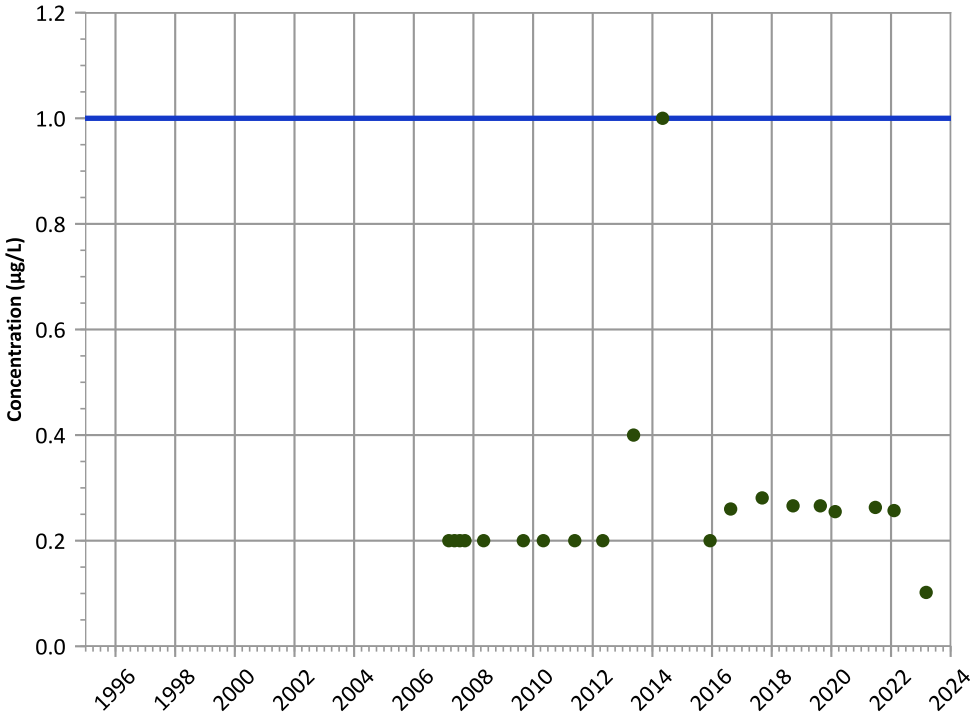
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

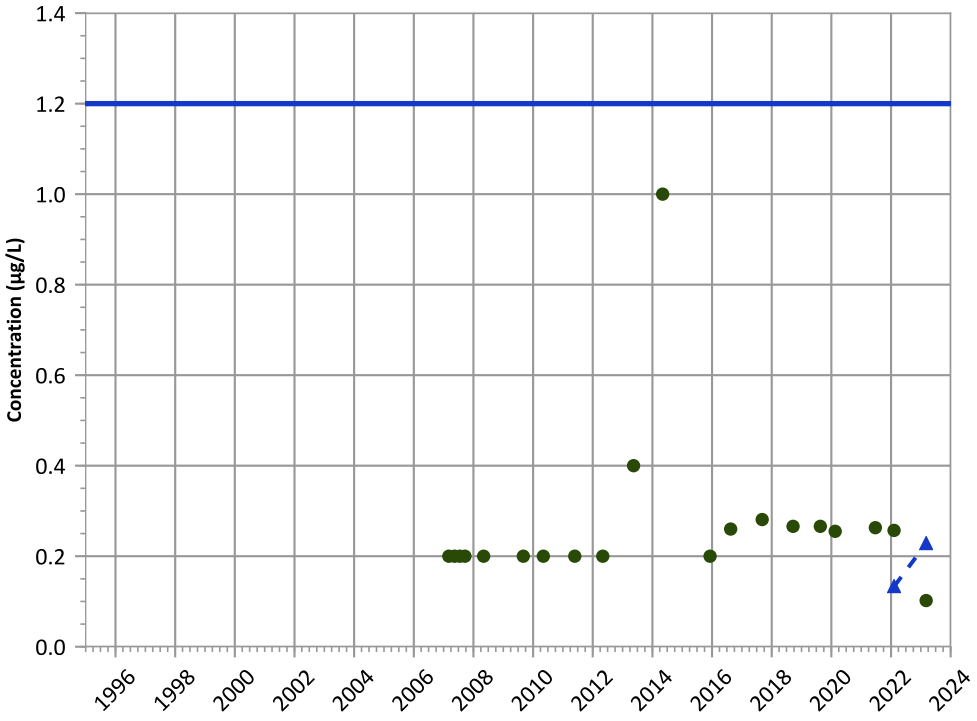


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

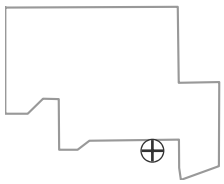
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

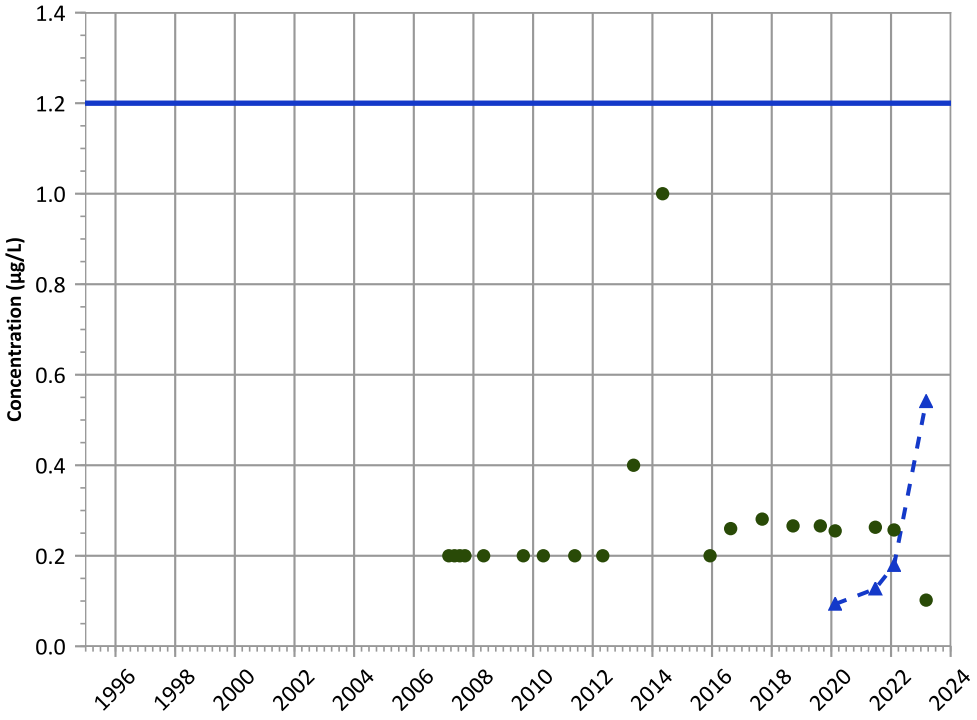
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

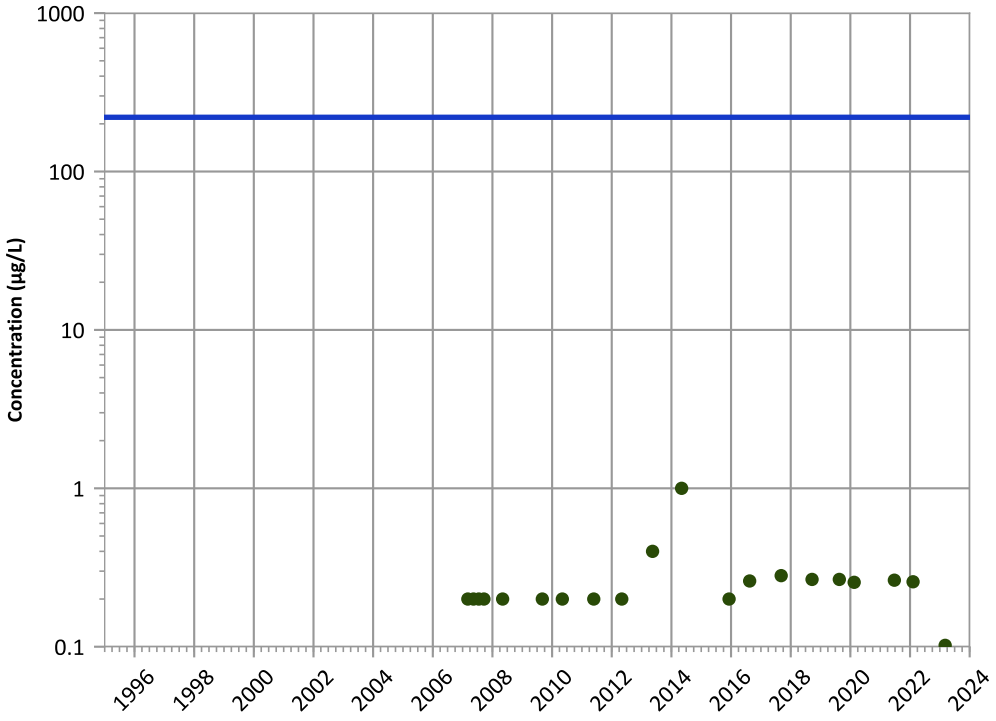


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

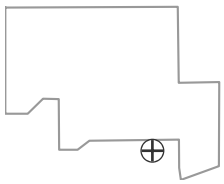
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

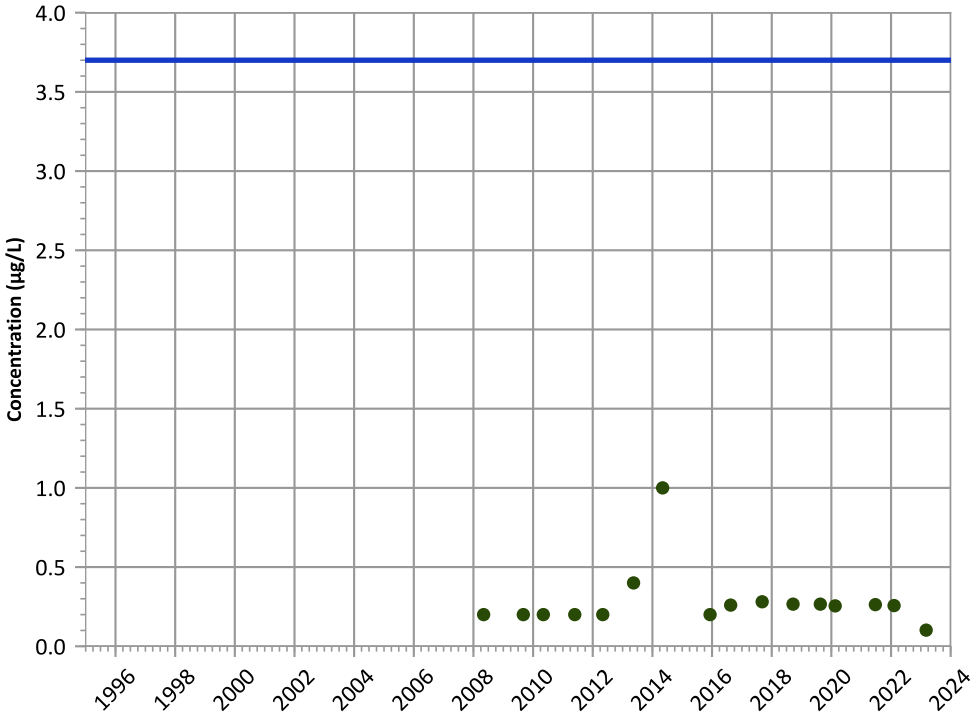
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

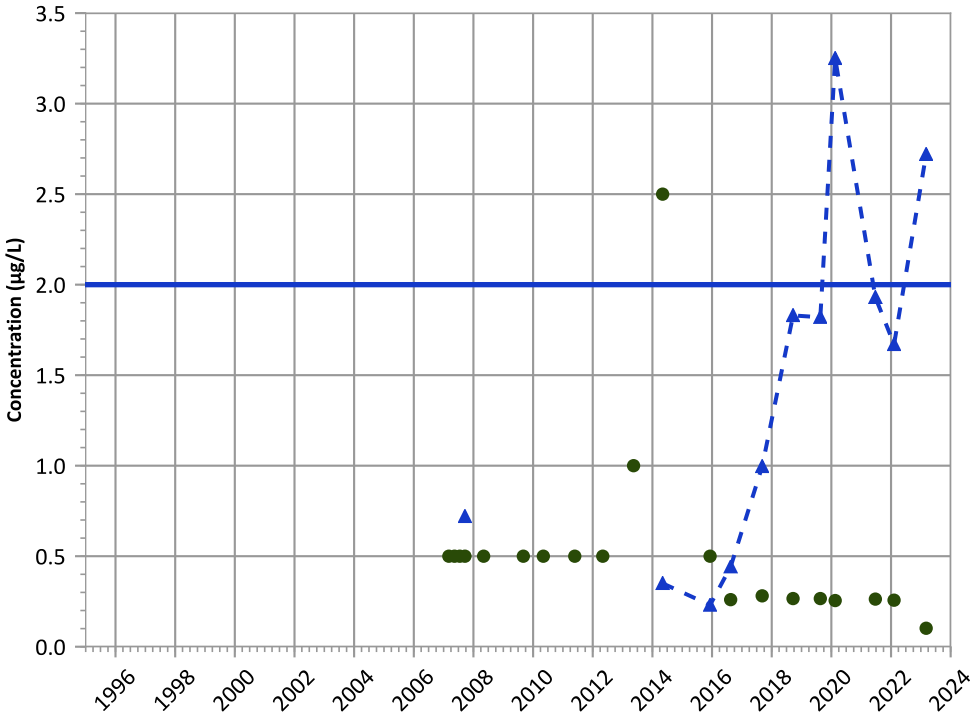


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

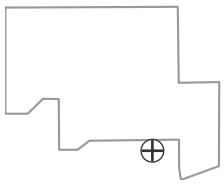
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

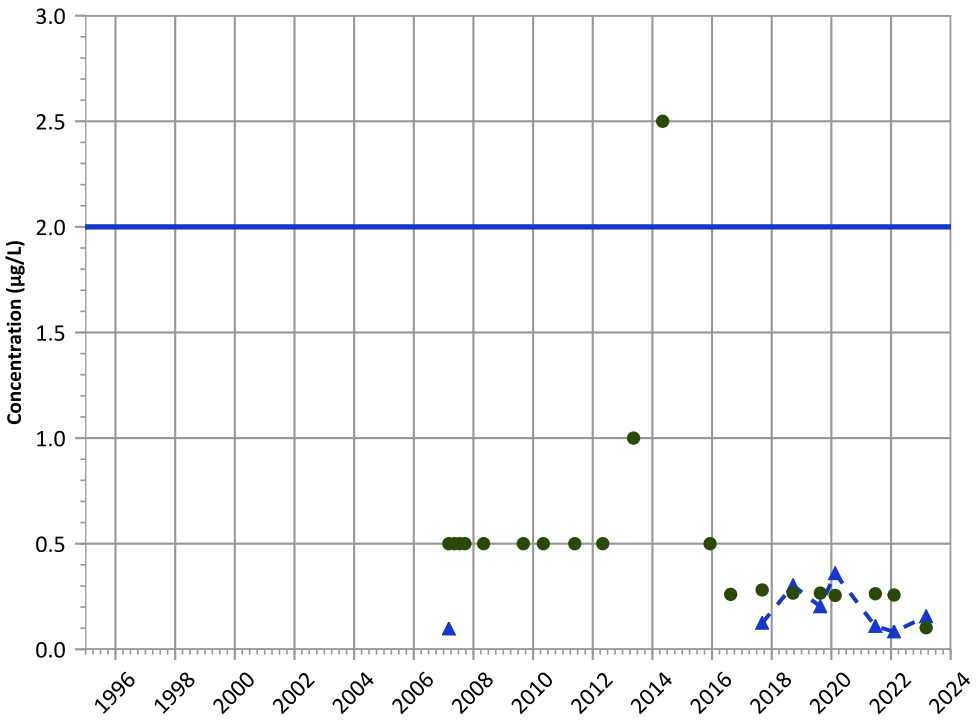
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

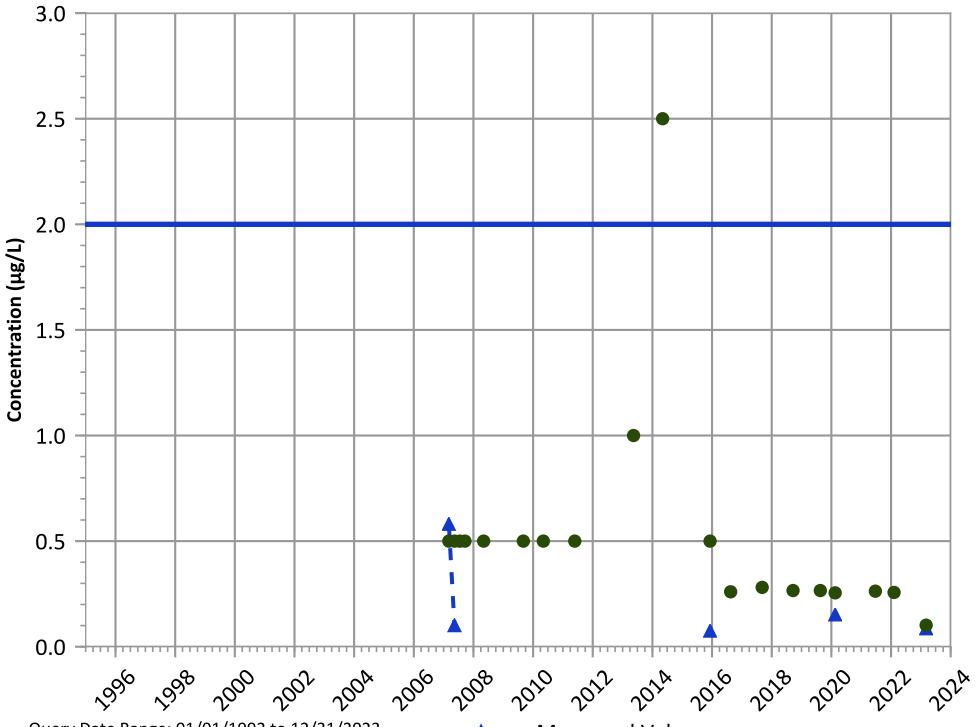


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

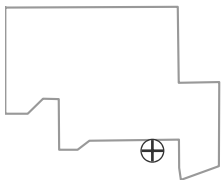
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

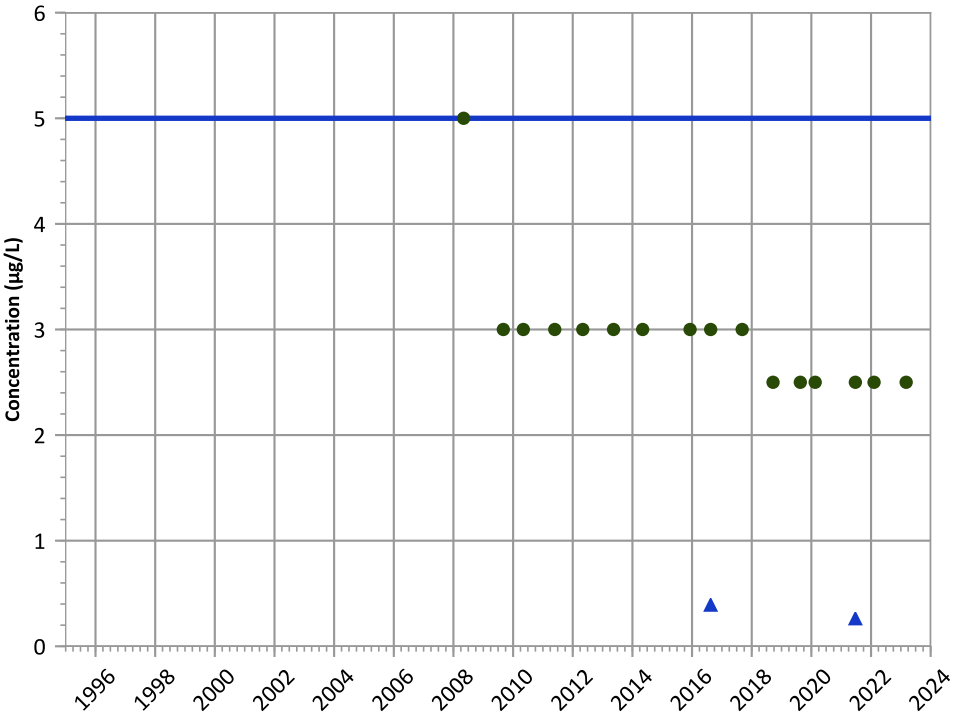
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

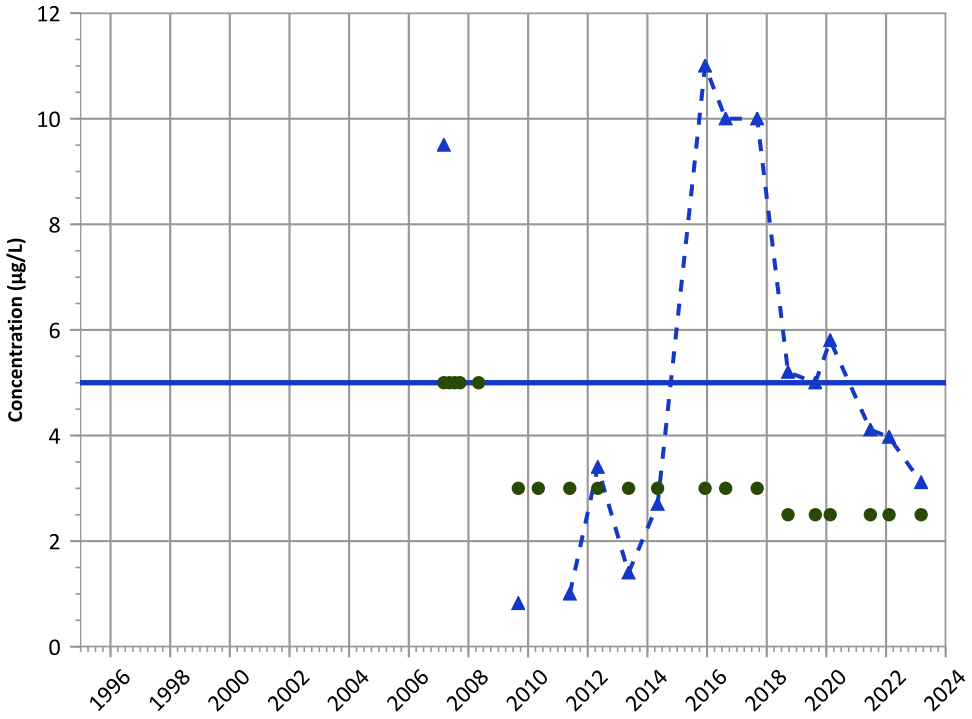


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

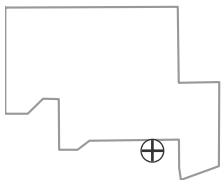
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

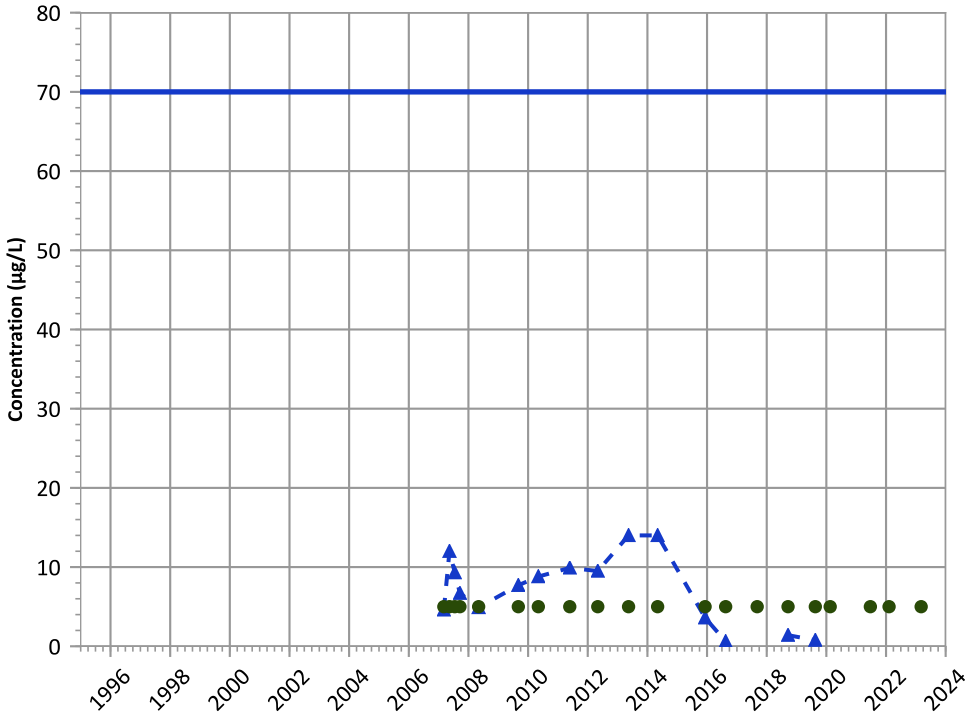
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

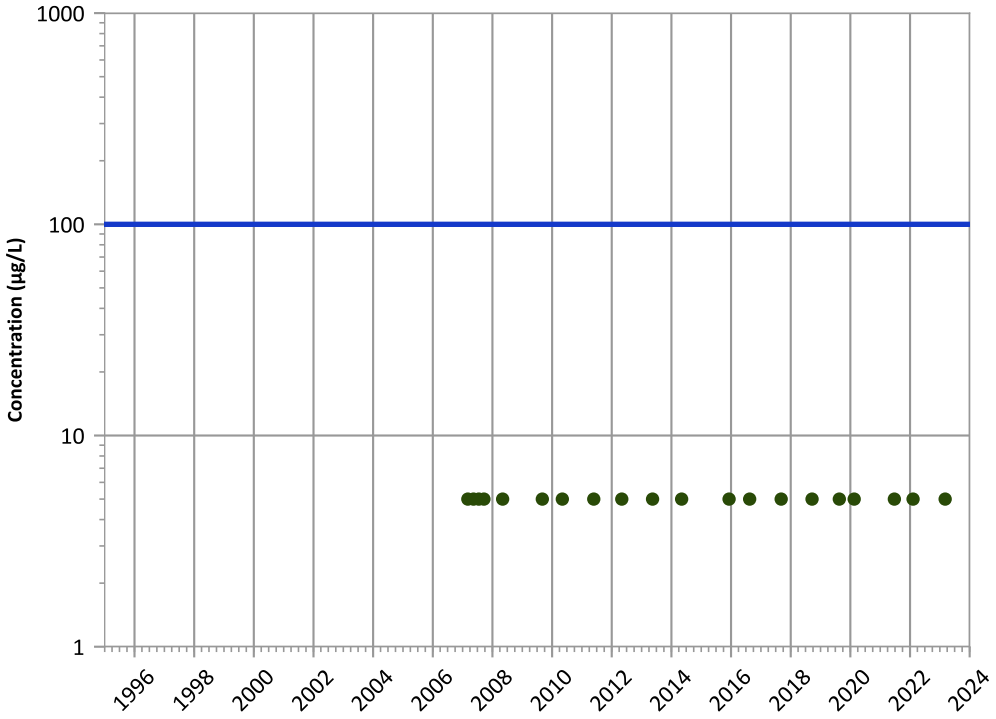


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

trans-1,2-Dichloroethene Trend



Concentration Trend

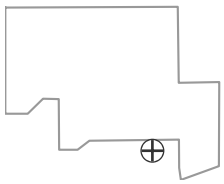
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

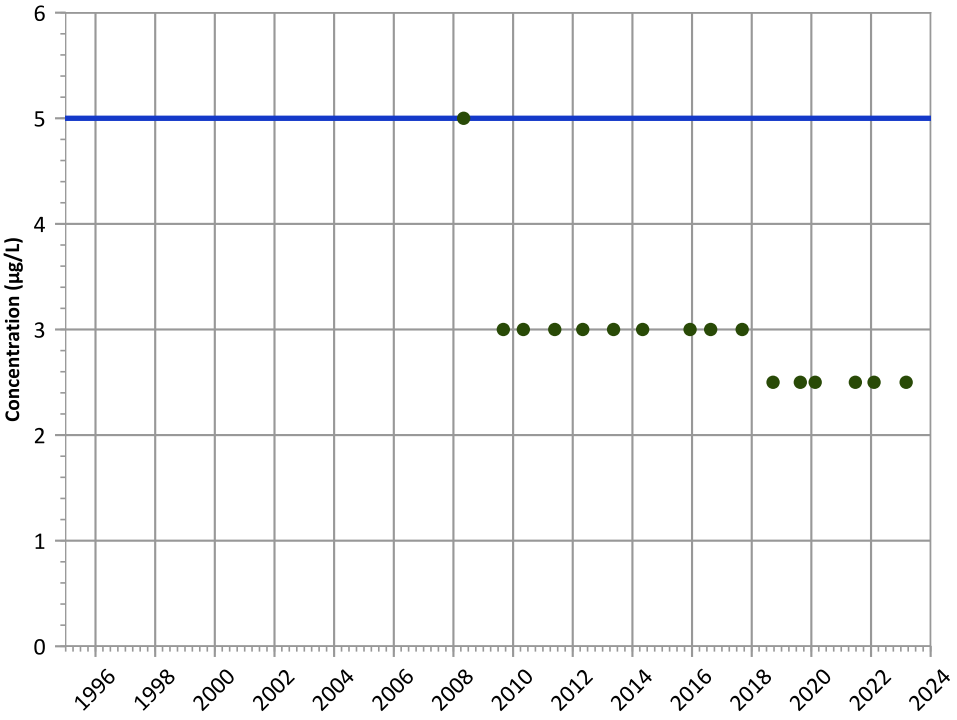
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

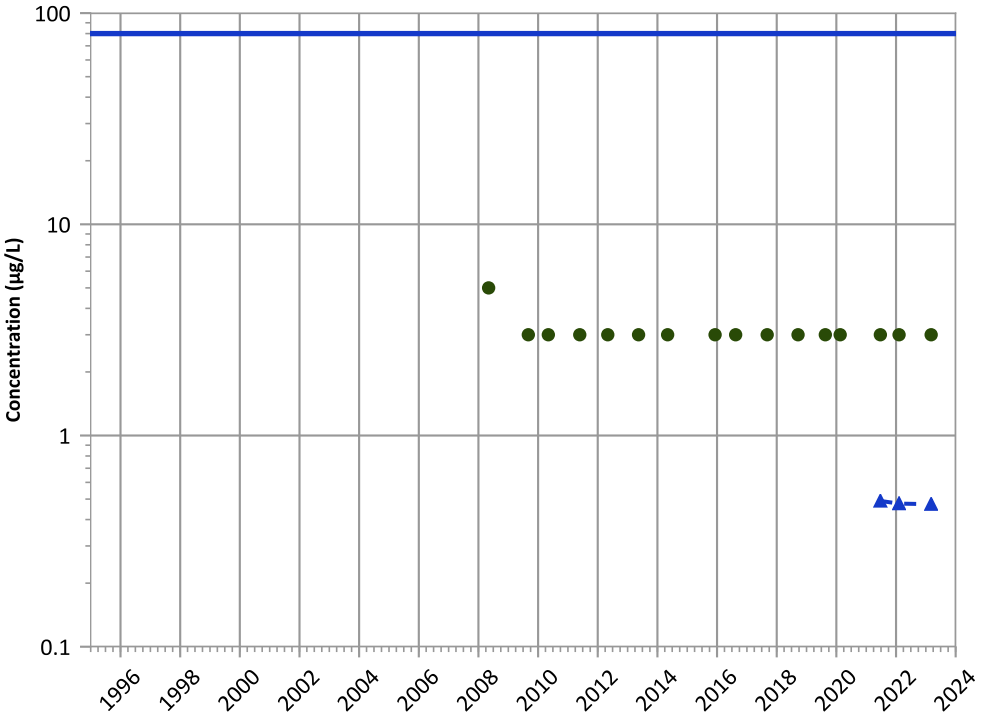


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

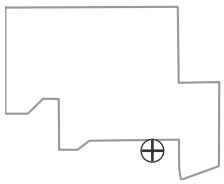
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

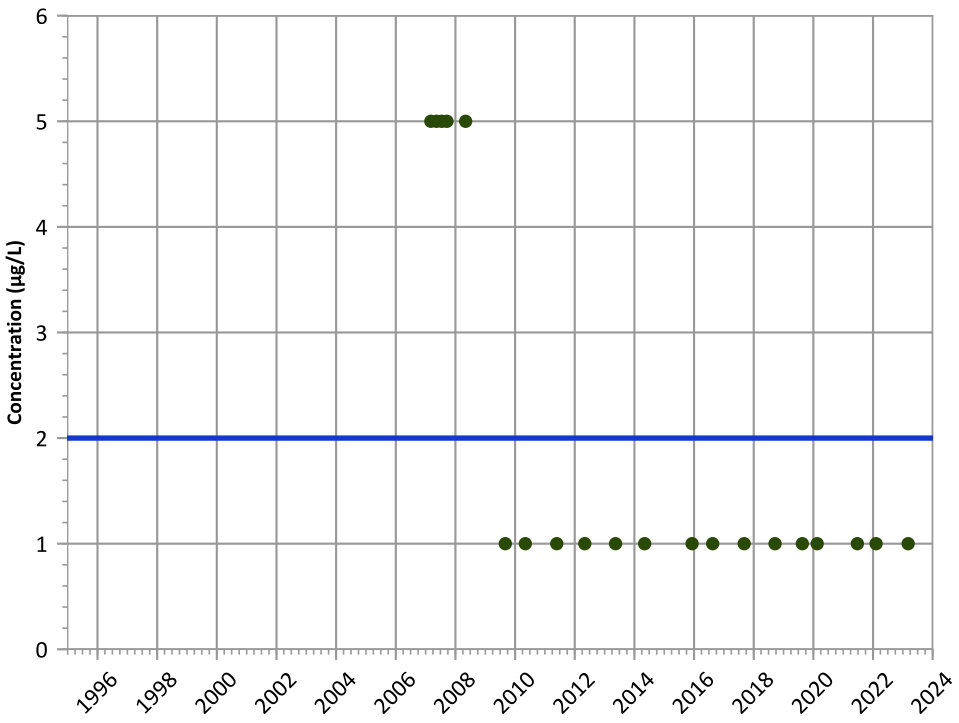
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

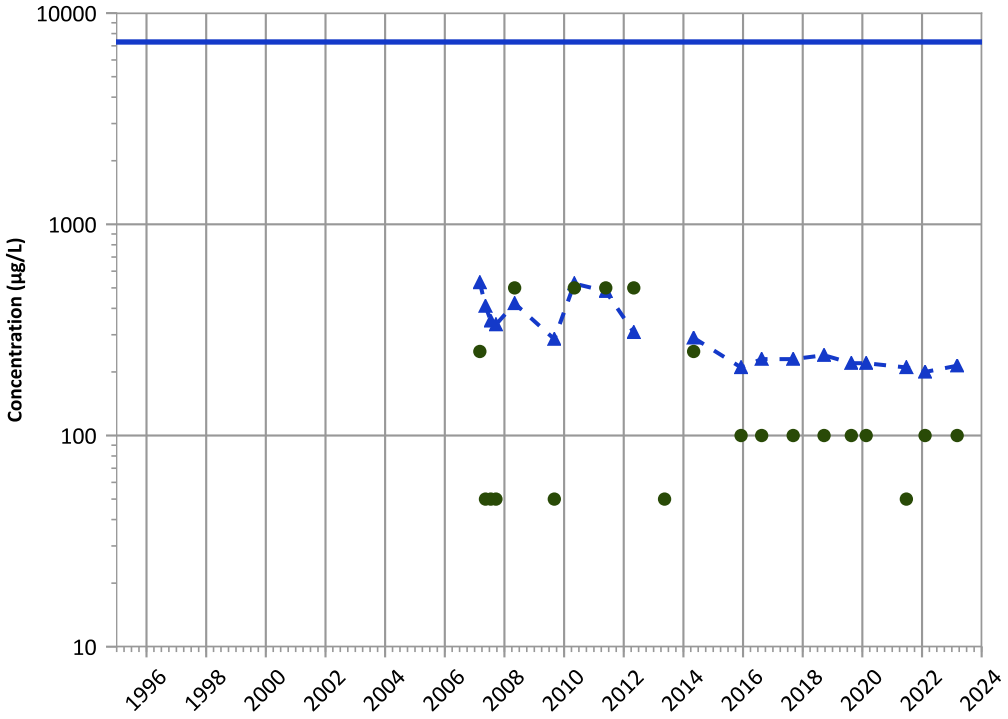


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

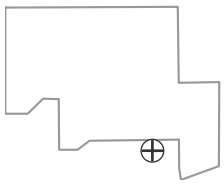
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

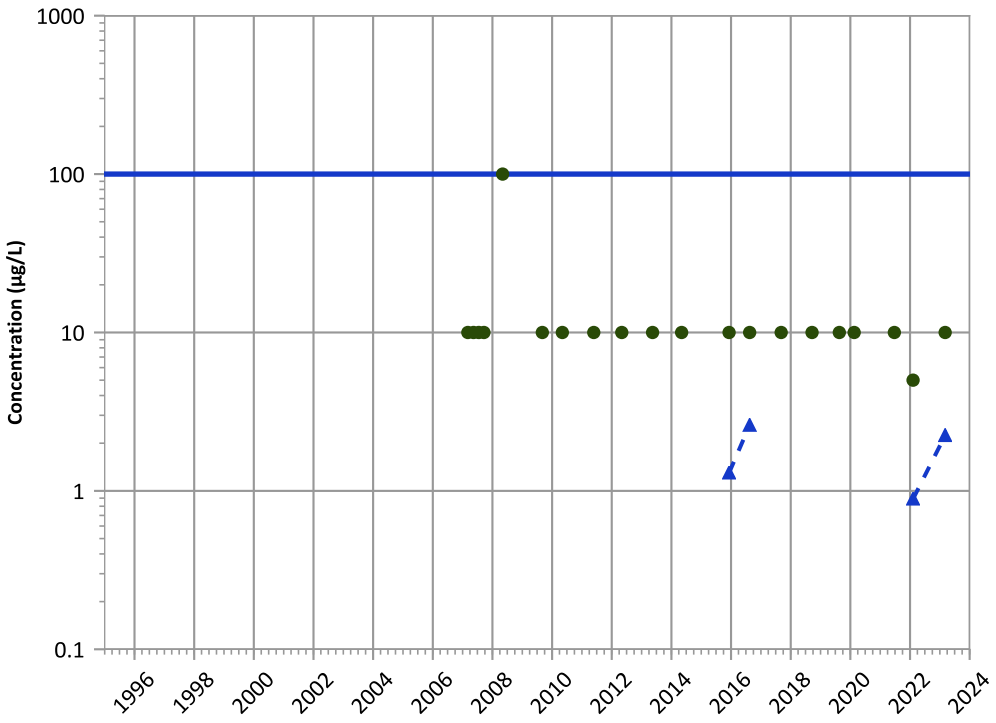
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

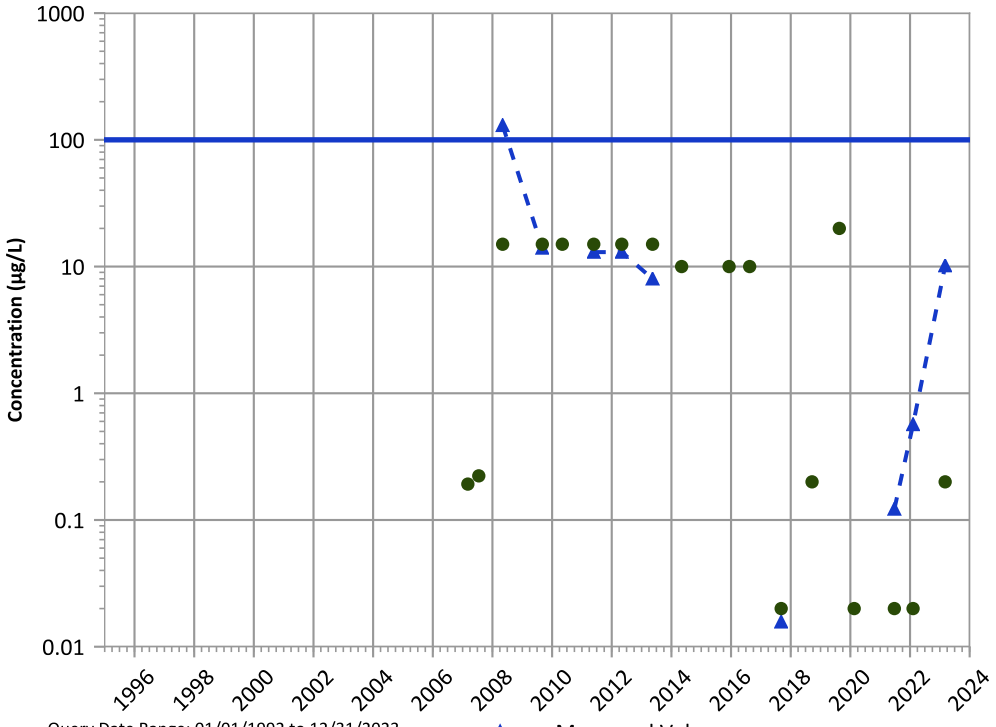


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

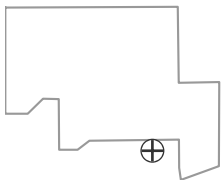
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

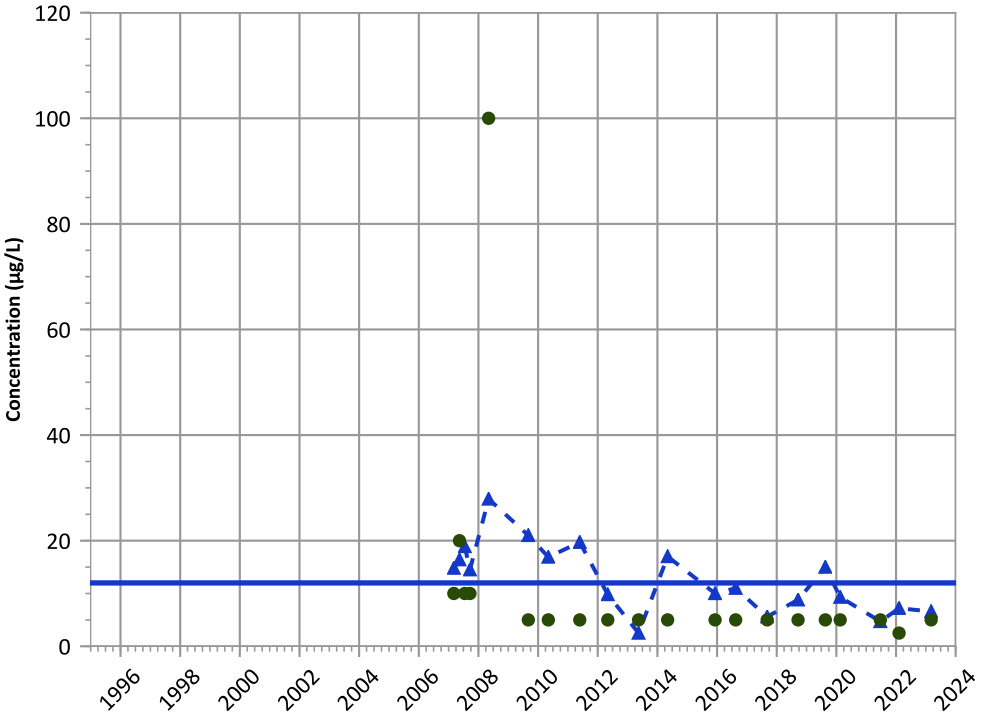
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

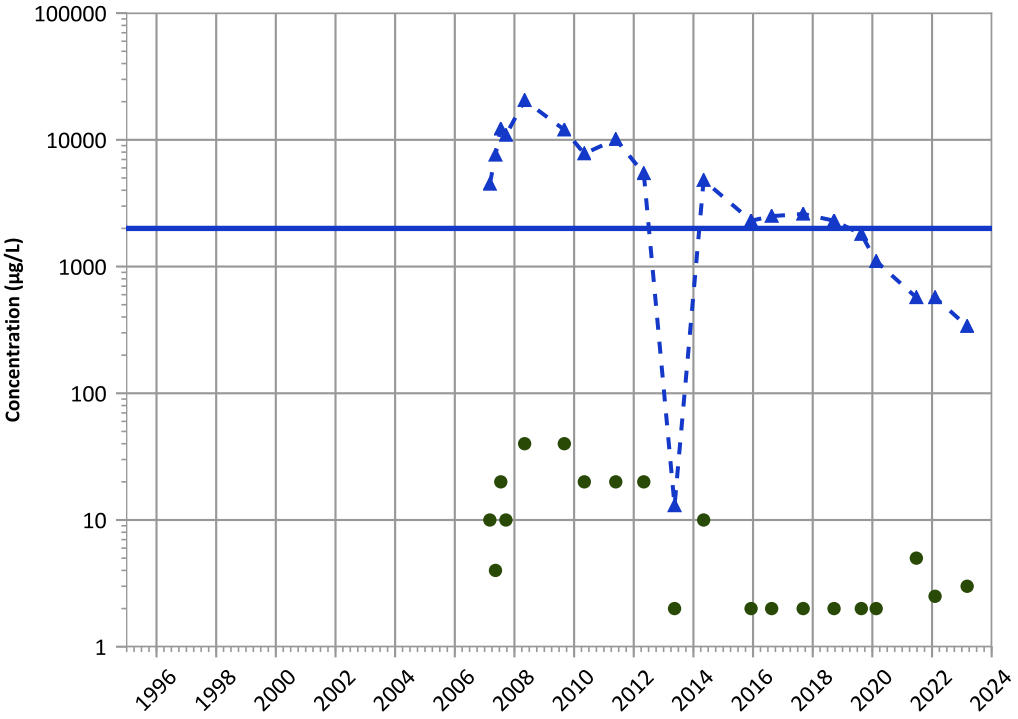


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

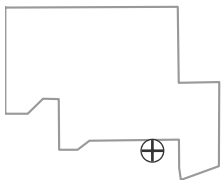
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

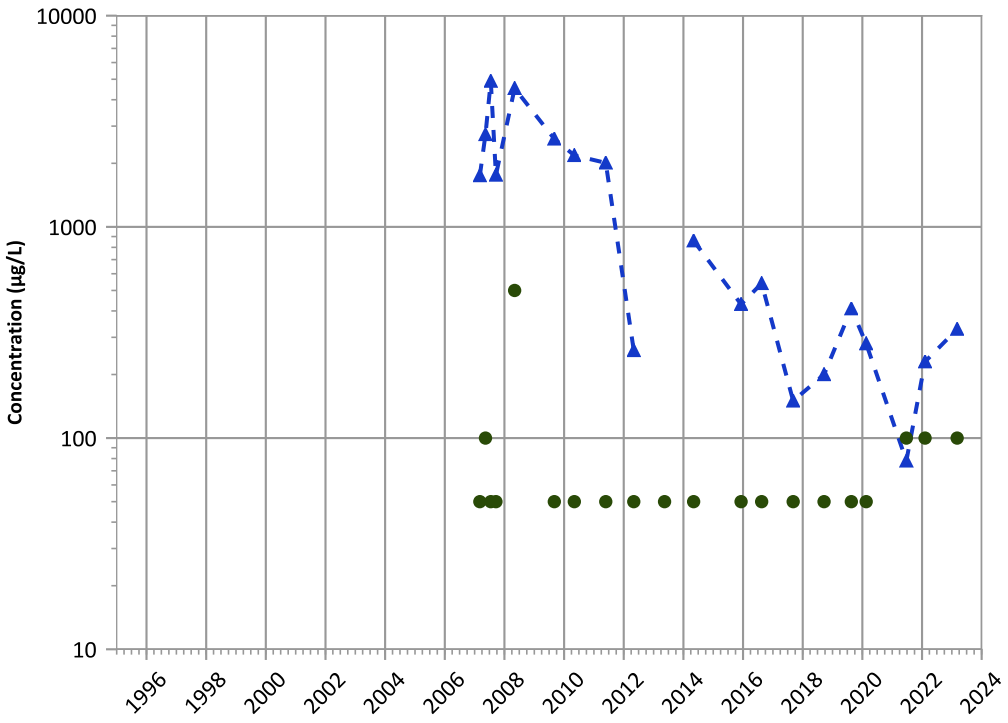
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

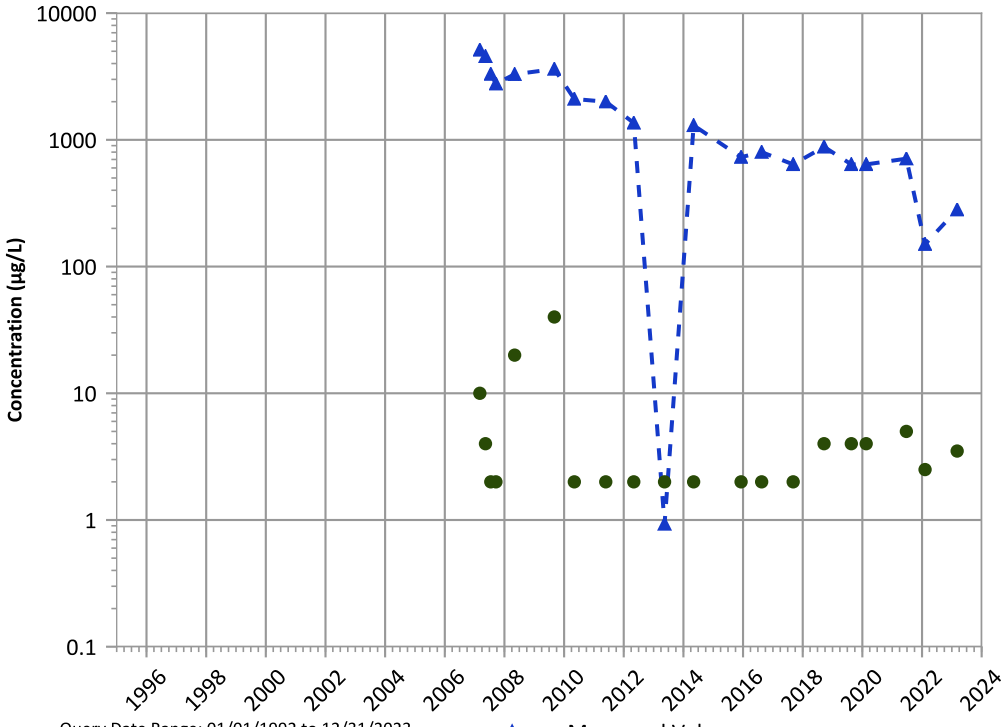


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Manganese Trend



Concentration Trend

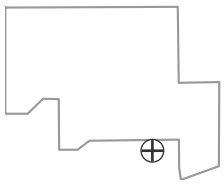
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

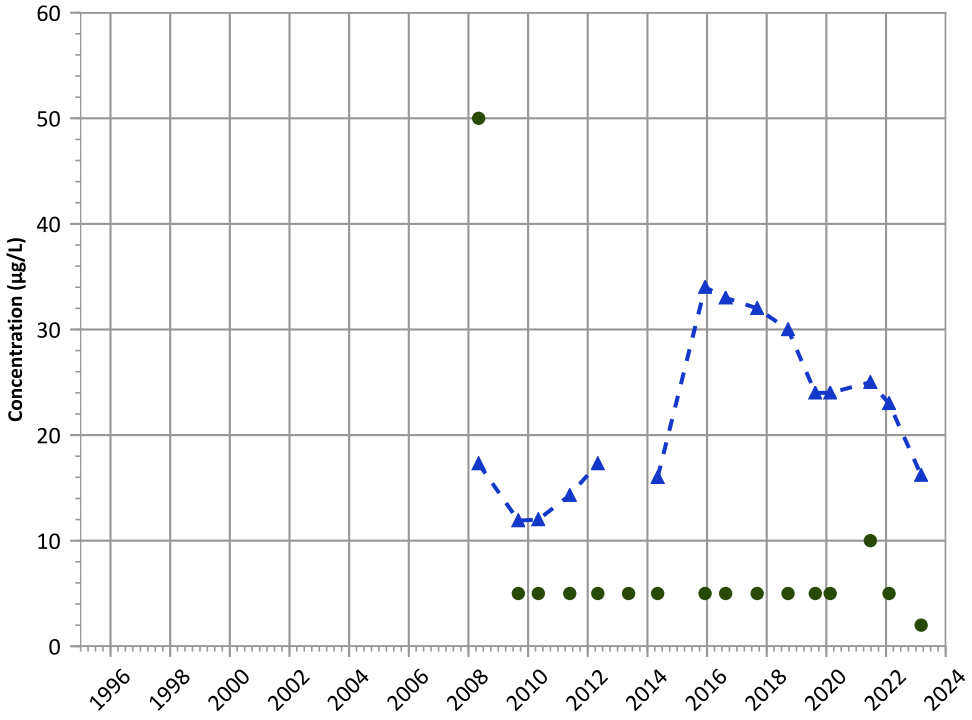
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

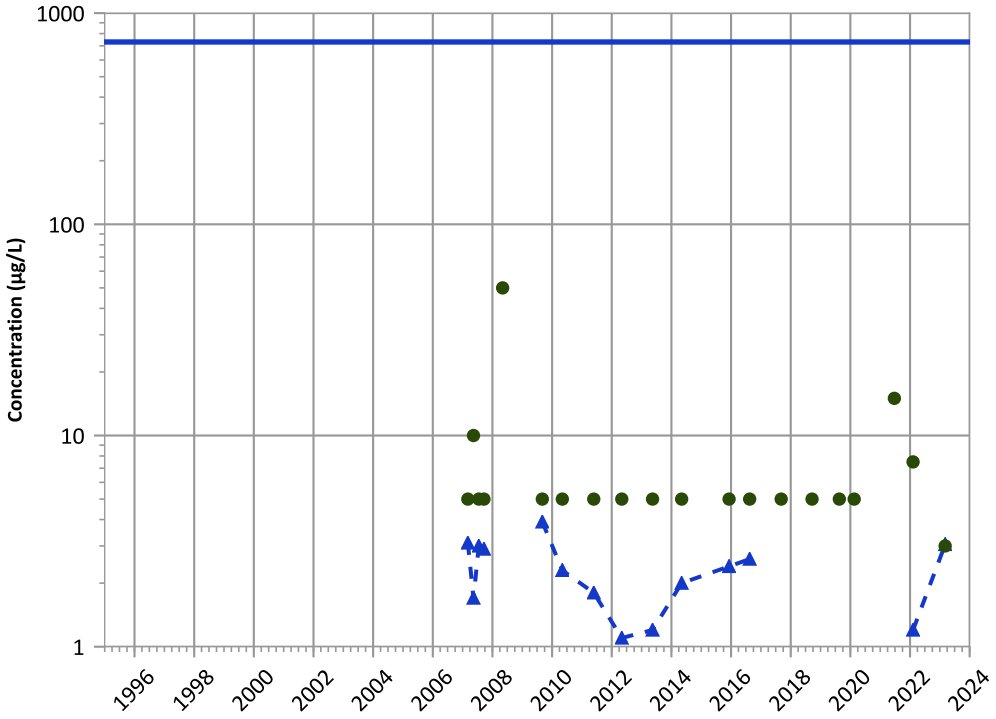


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

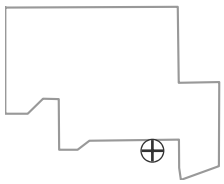
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

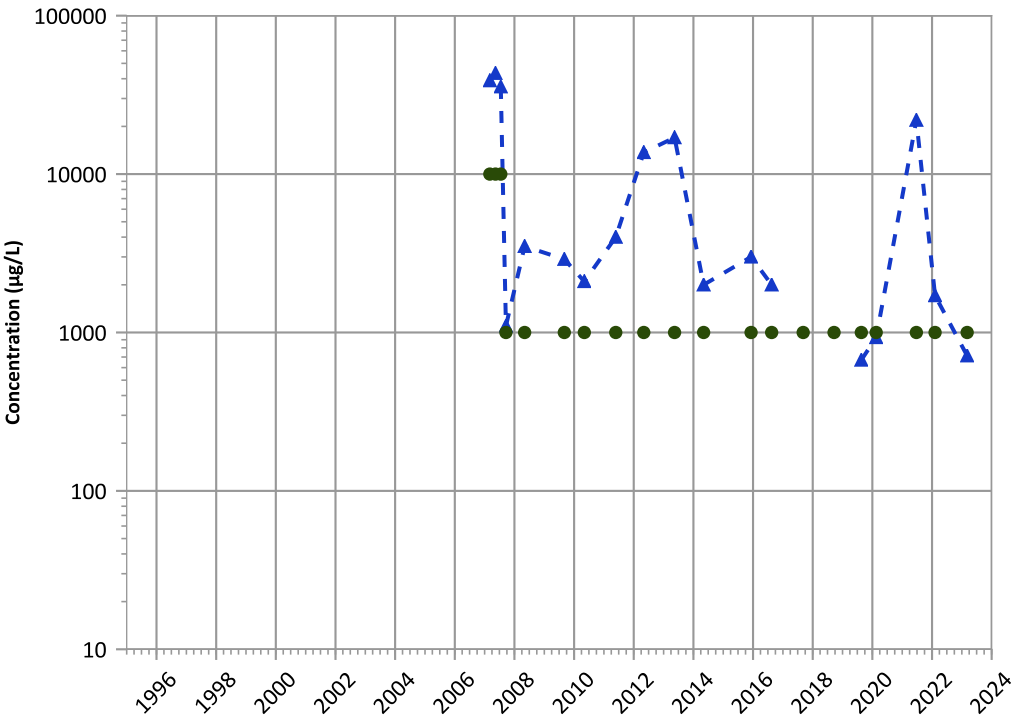
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

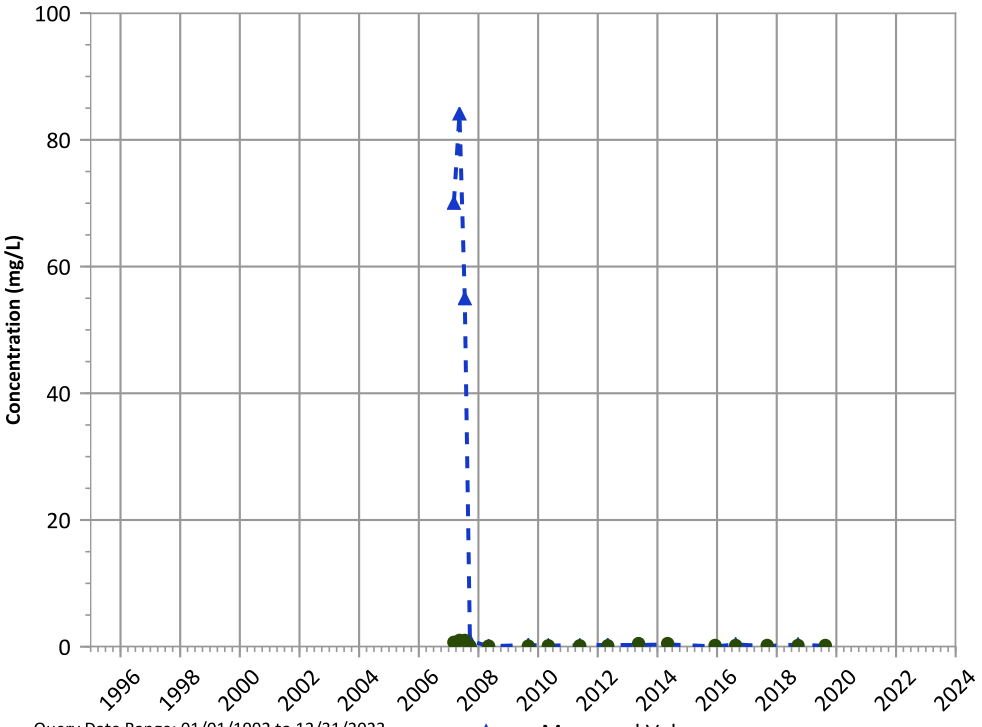


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

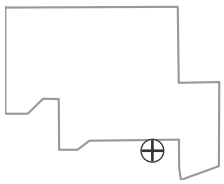
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

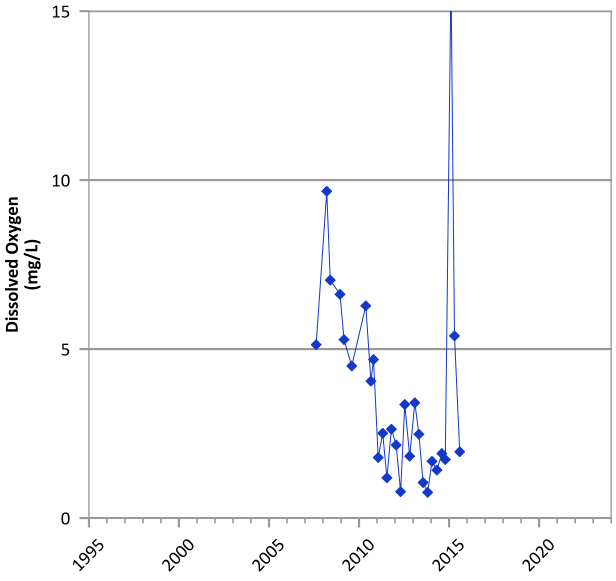
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 03/06/2007 to 03/07/2023
Analysis Date: 04/01/2024

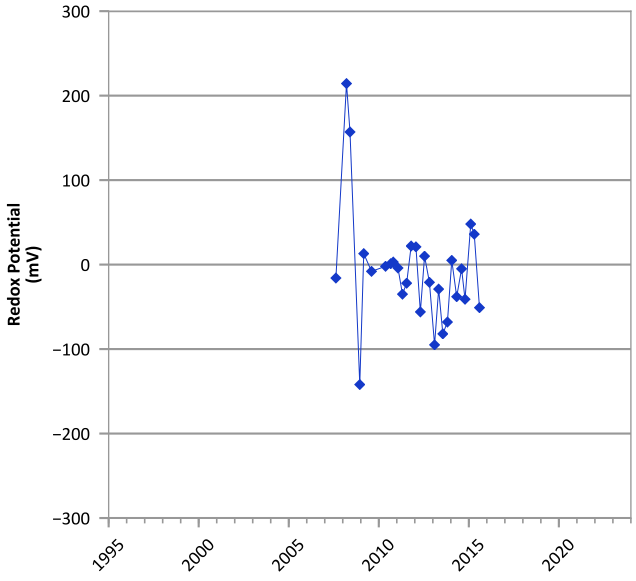
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

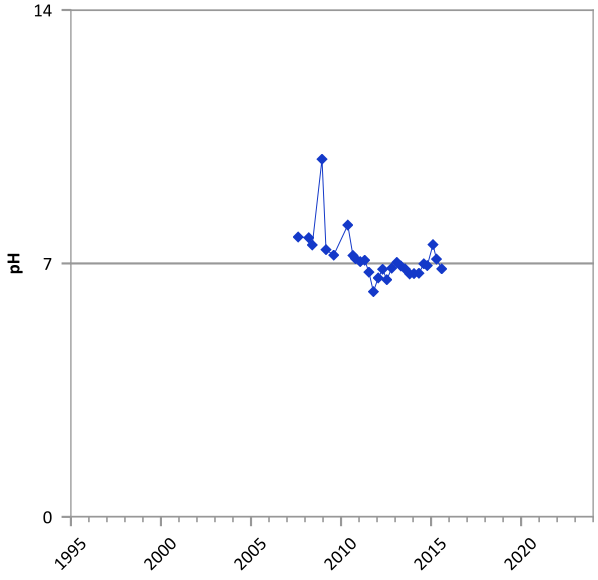
Well Location

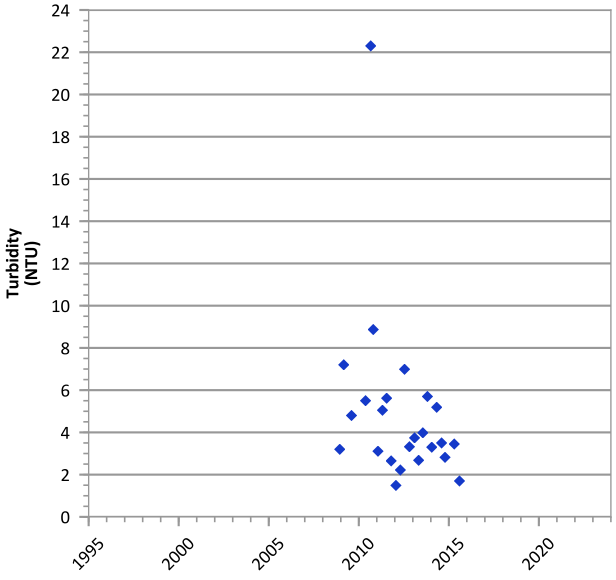


PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

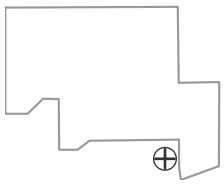






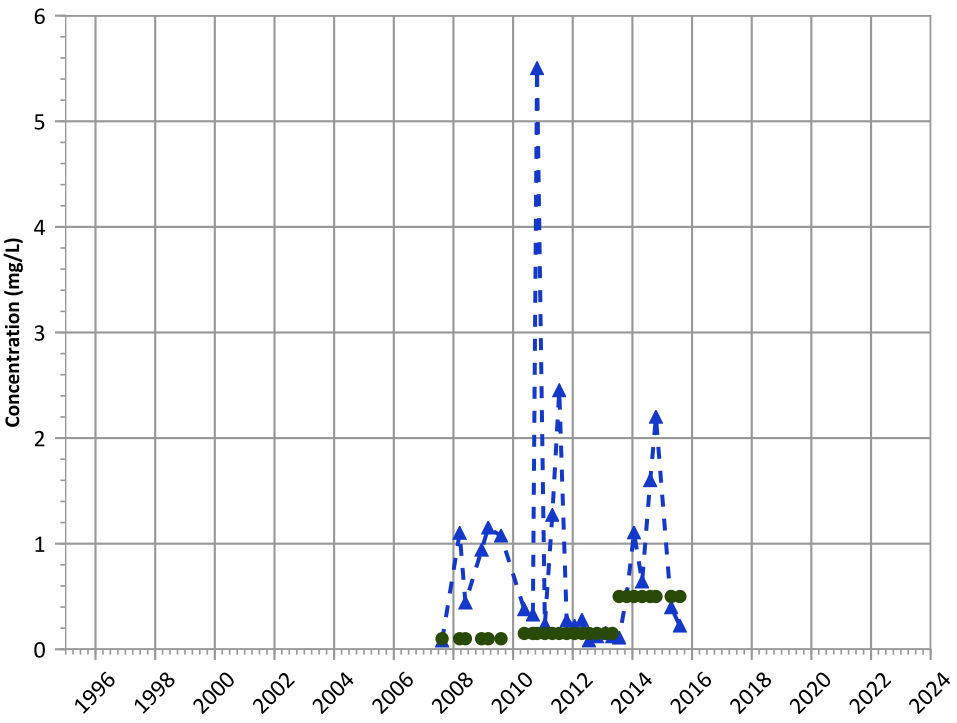


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/15/2007 to 08/05/2015
Analysis Date: 04/01/2024



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

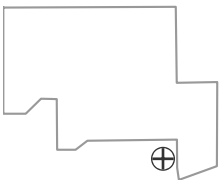
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

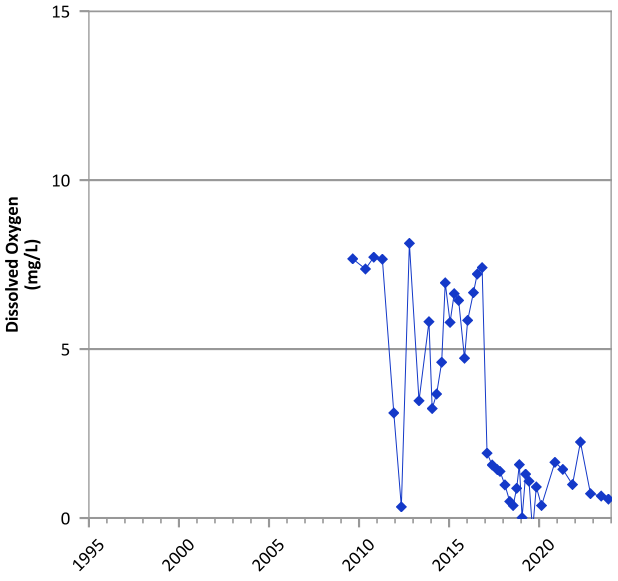
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/15/2007 to 08/05/2015
Analysis Date: 04/01/2024

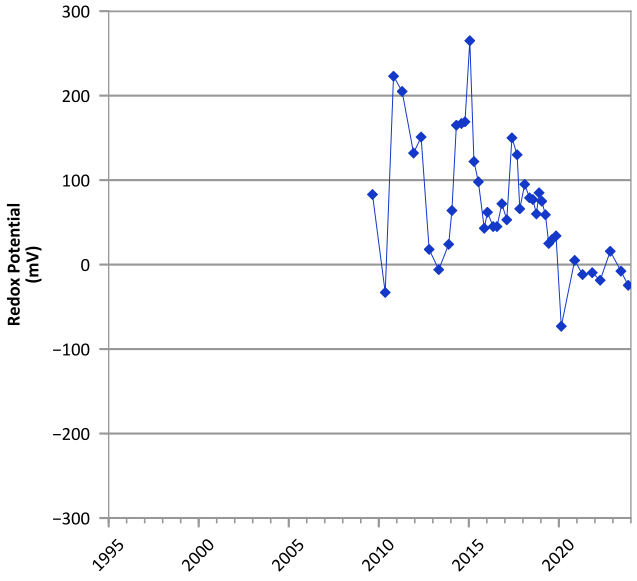
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

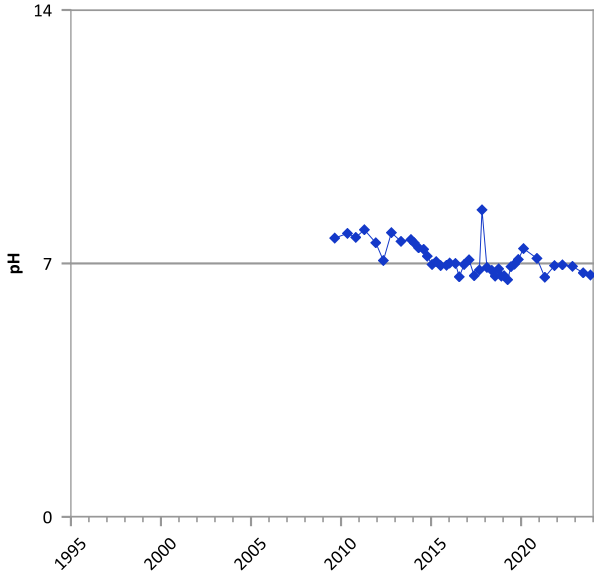
Well Location

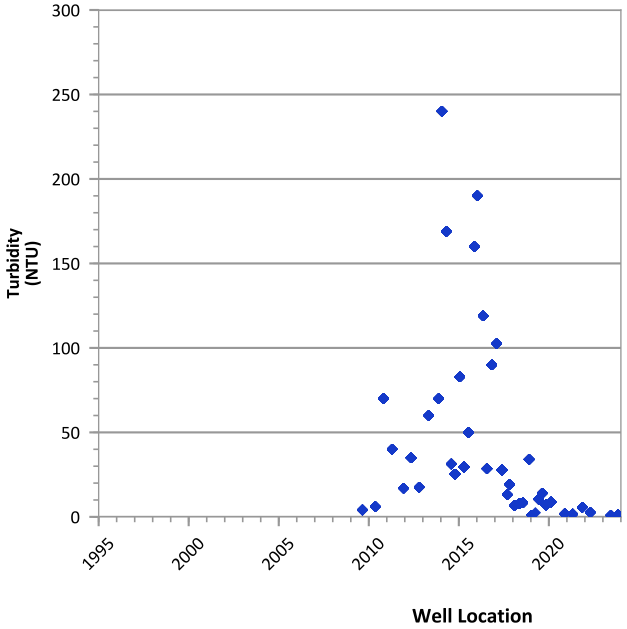


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

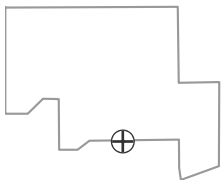






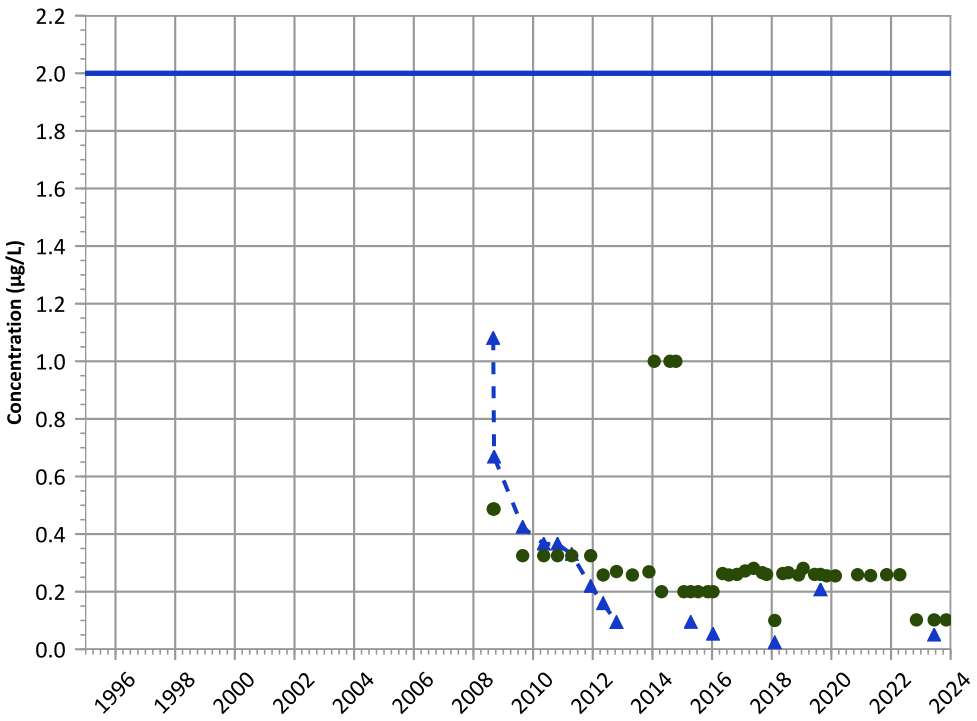


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

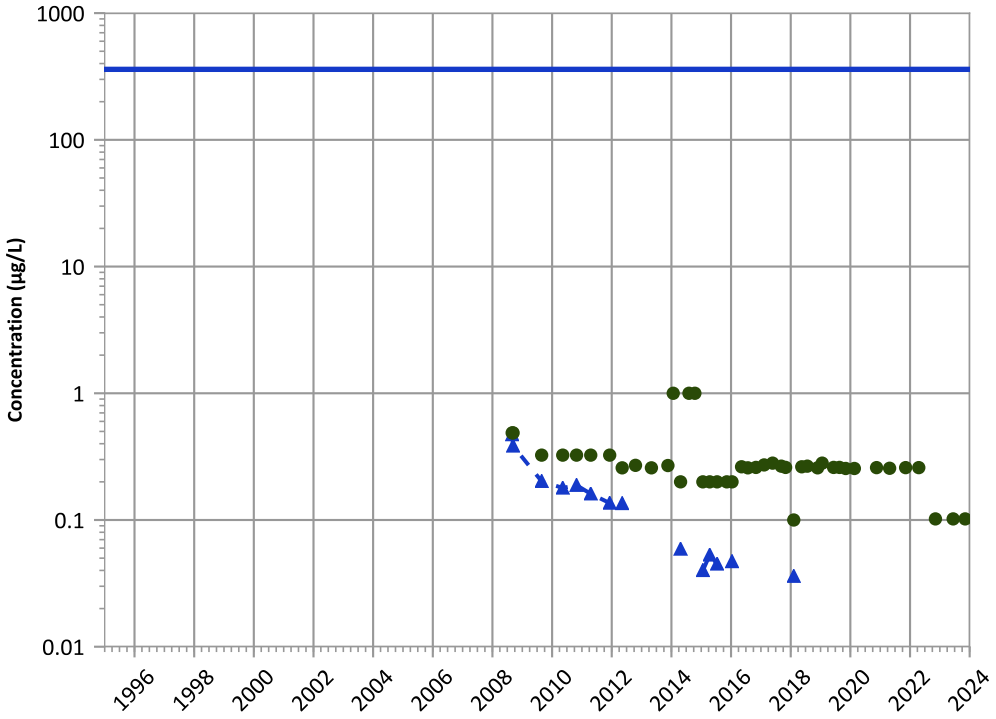


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

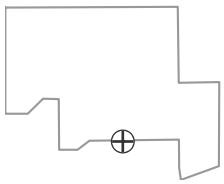
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

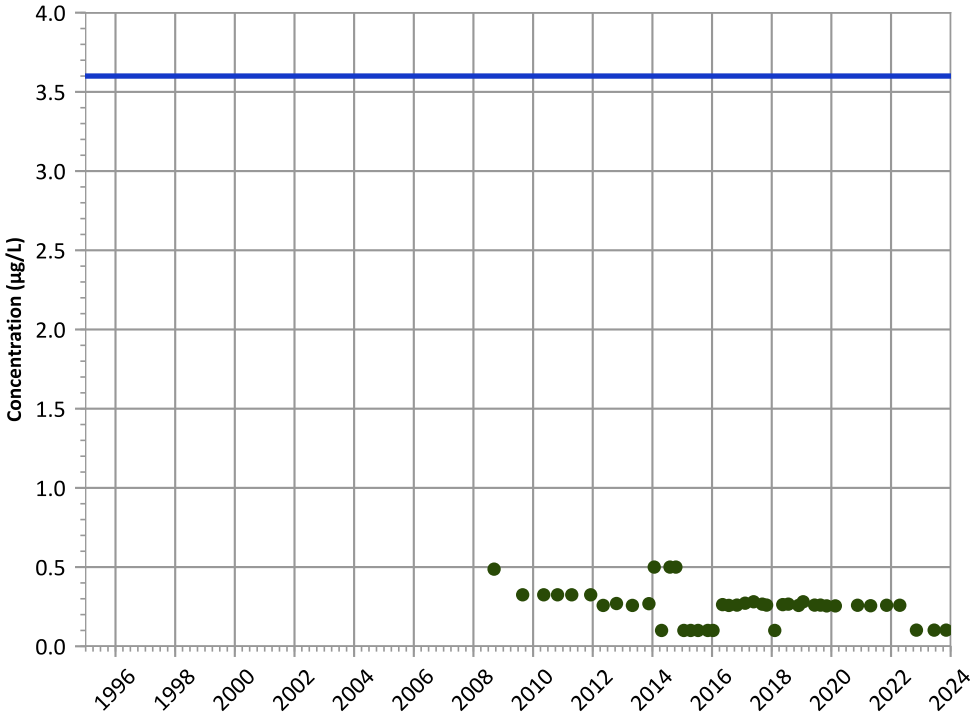
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

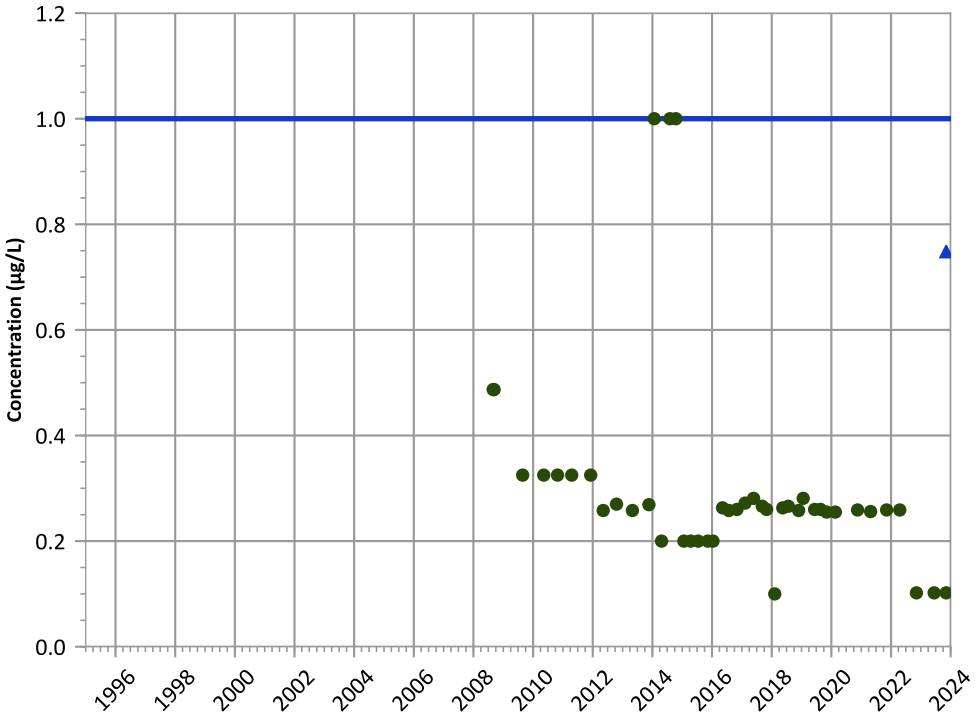


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

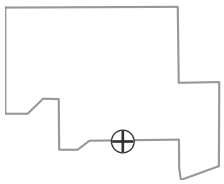
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

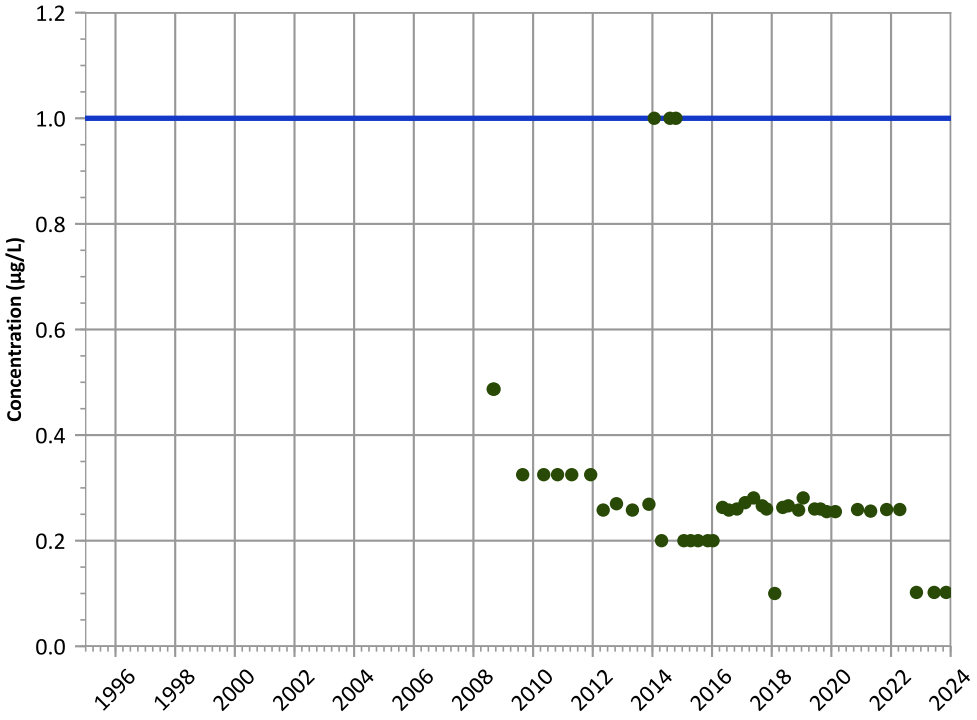
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

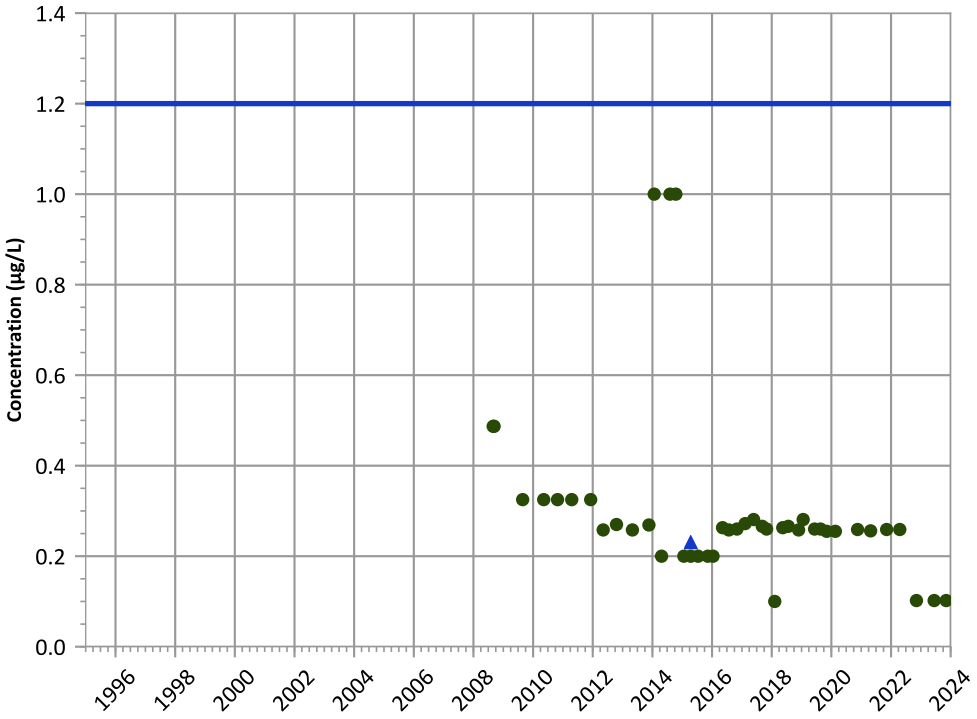


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

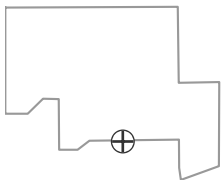
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

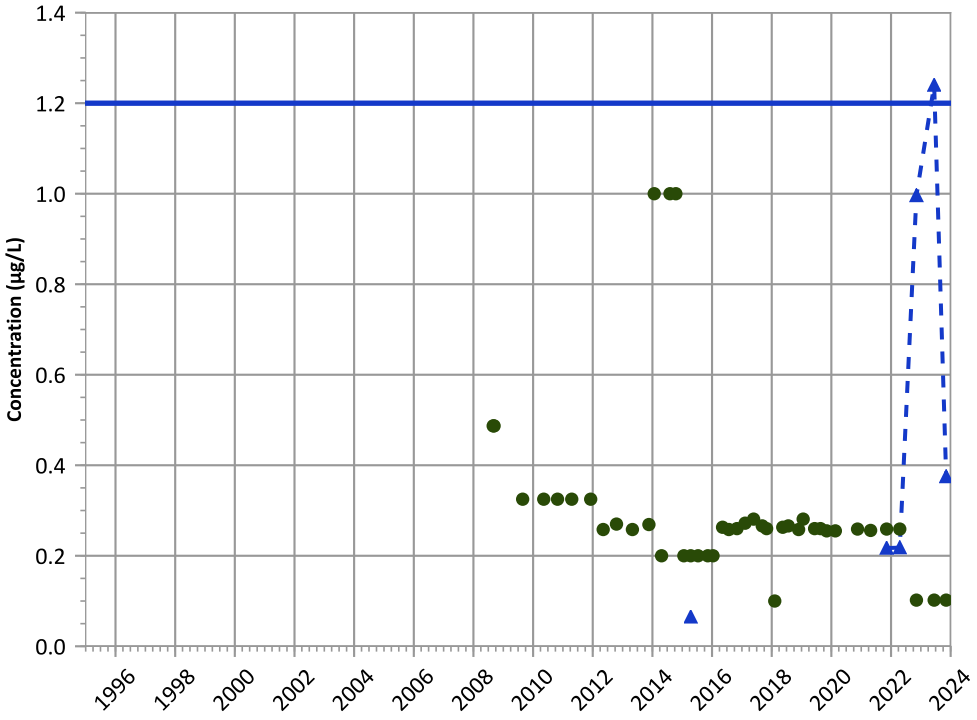
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

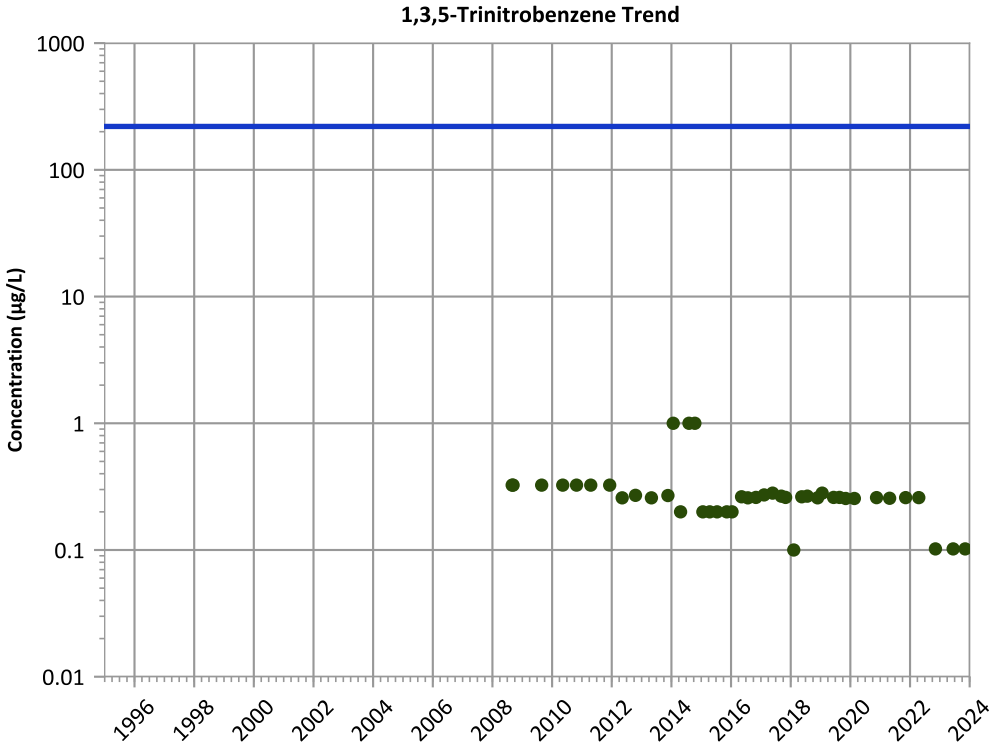


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

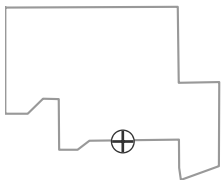
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

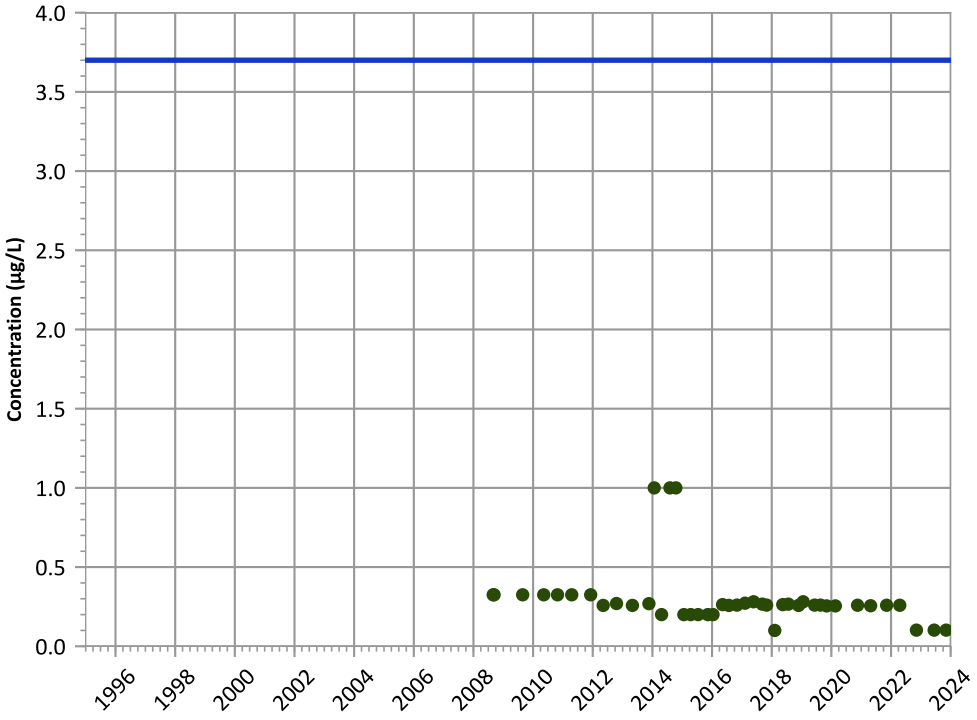
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

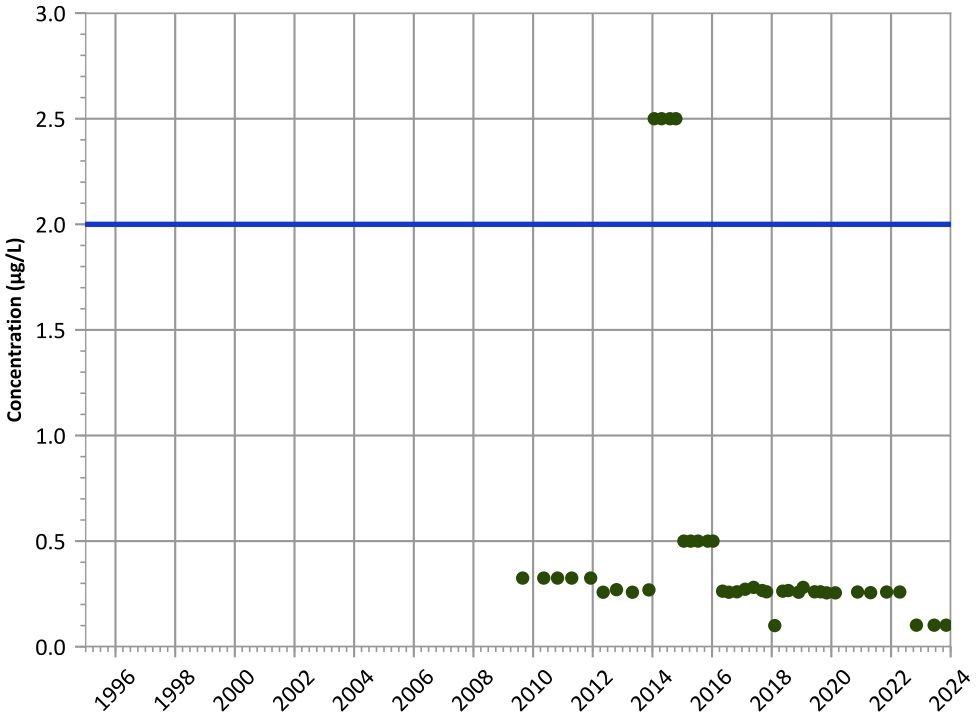


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

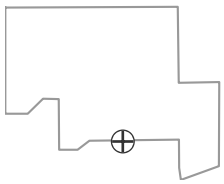
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

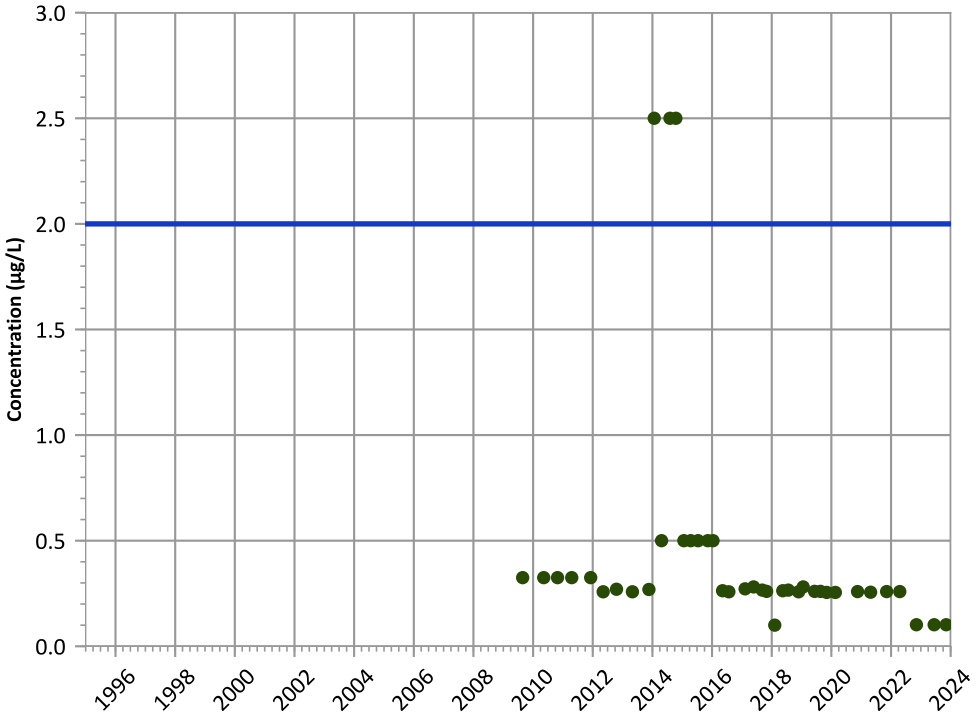
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

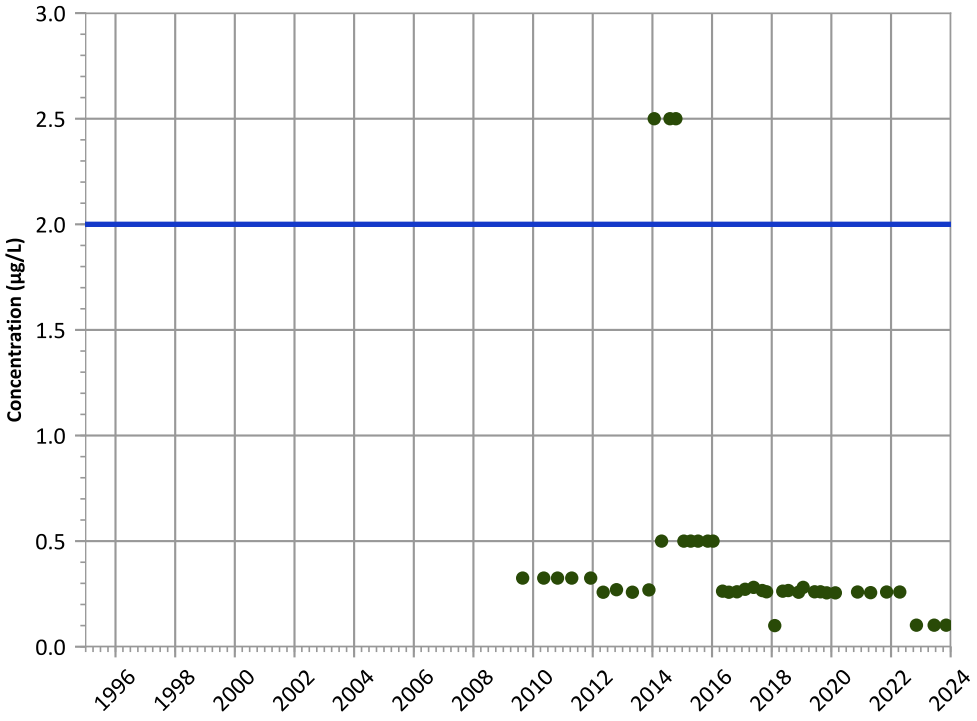


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

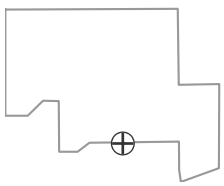
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

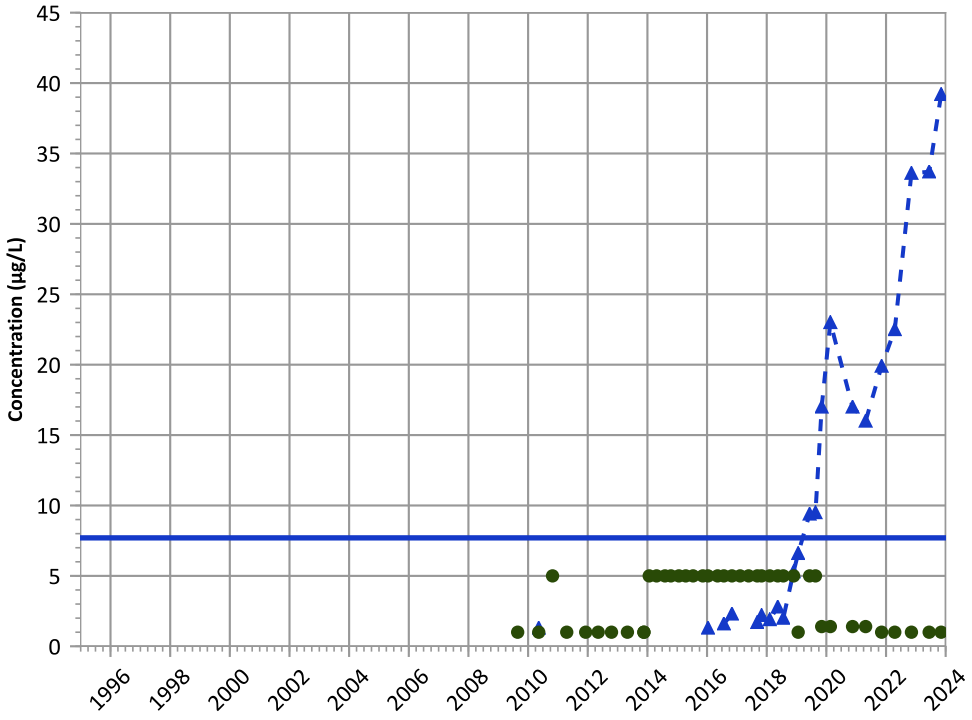
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

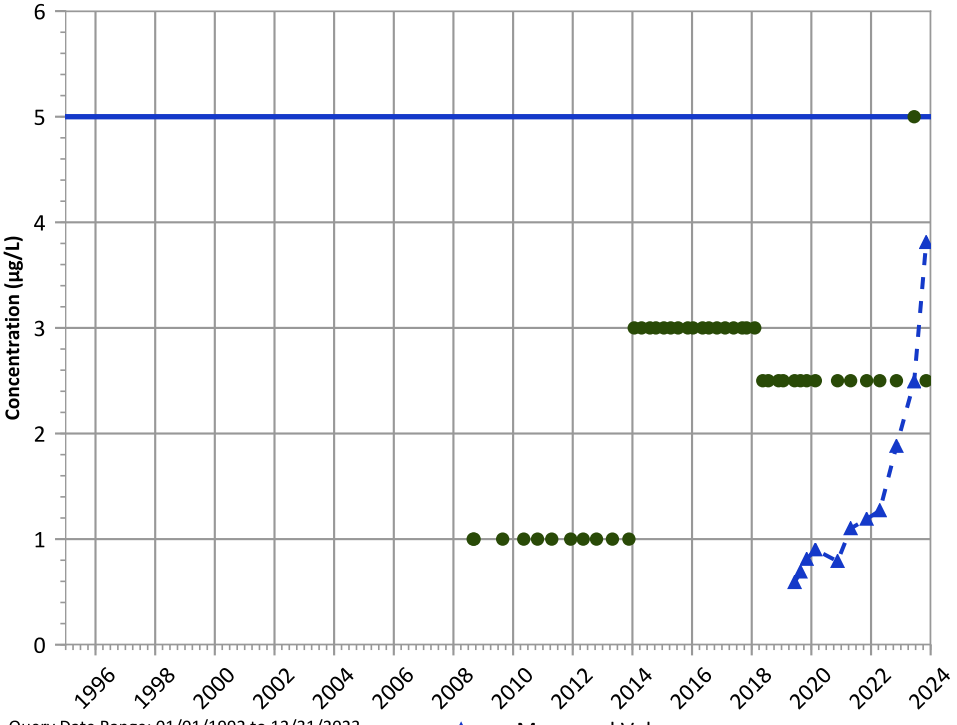


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

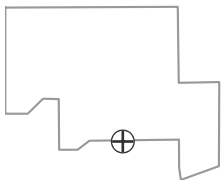
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

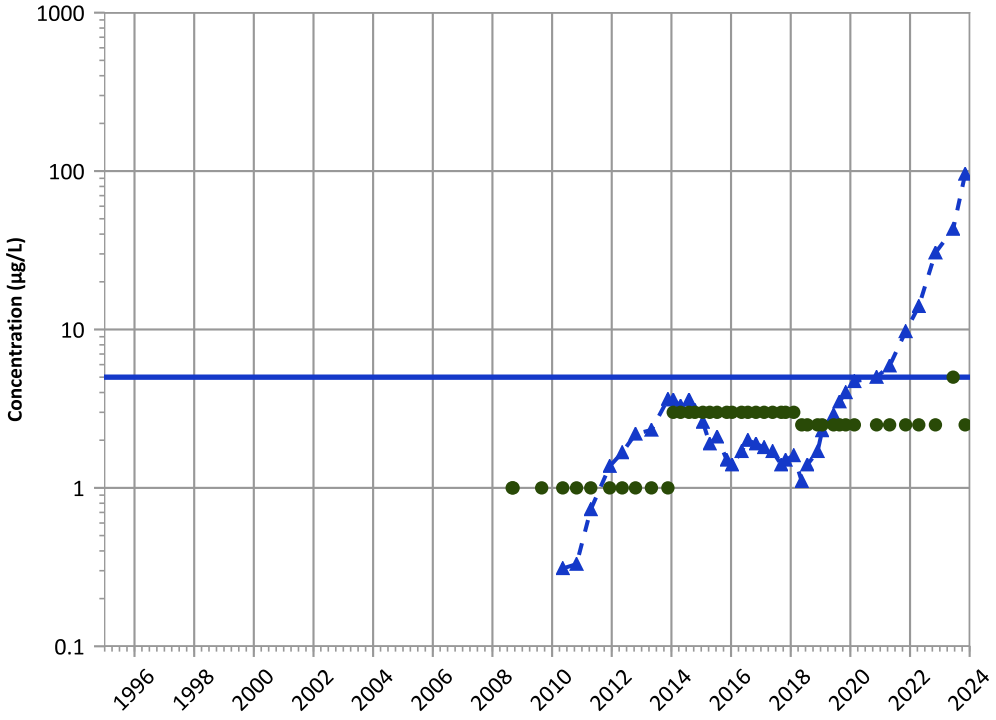
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

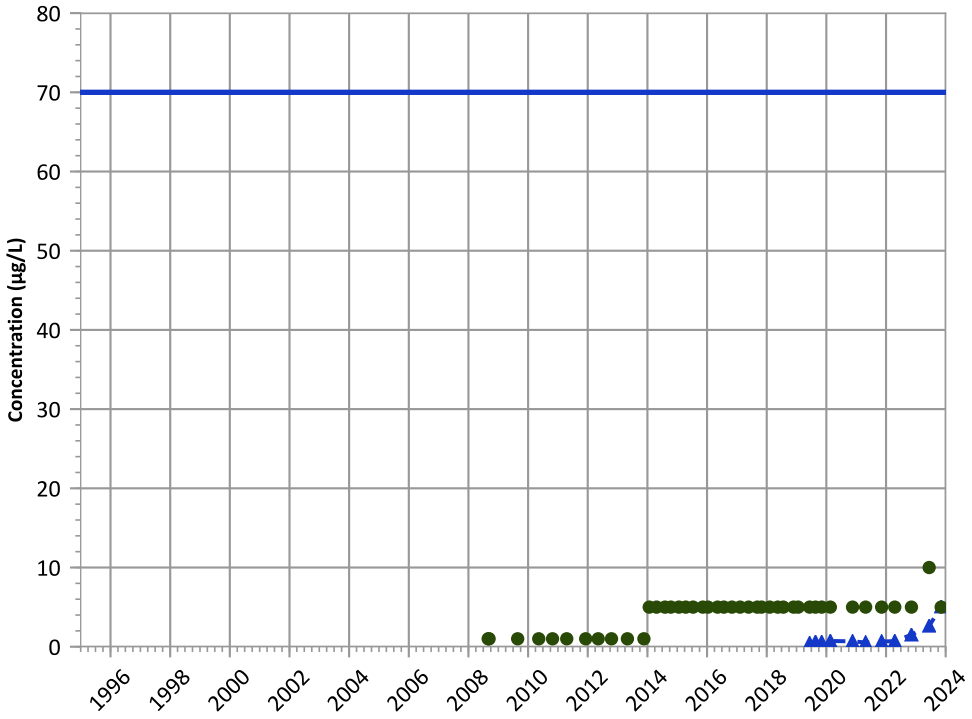


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

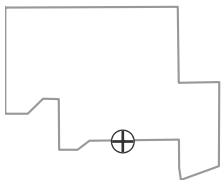
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

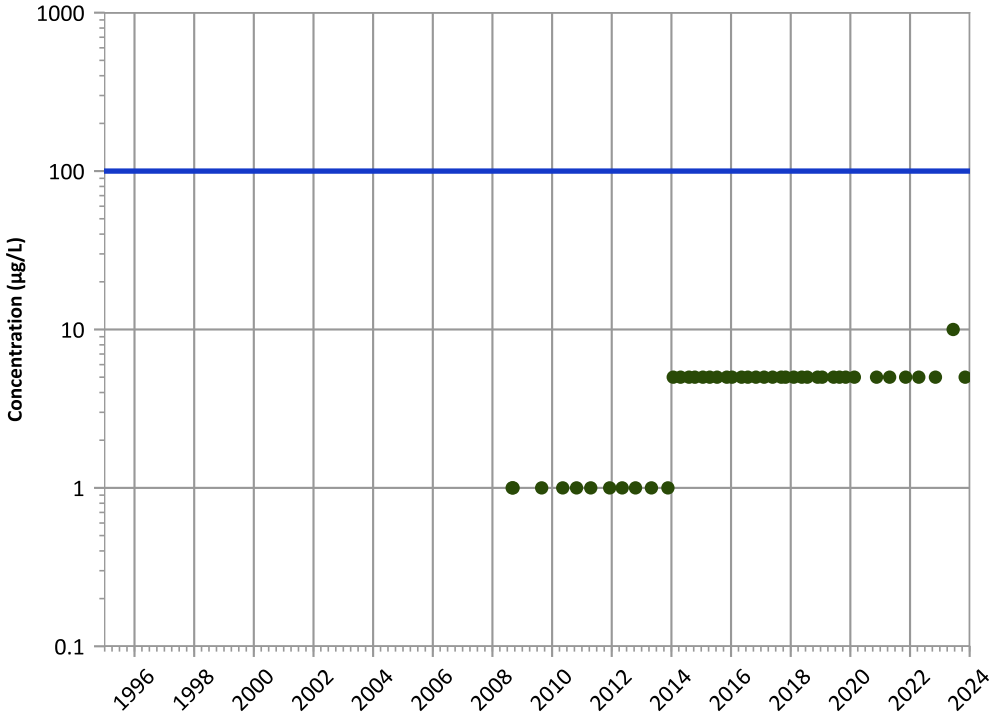
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

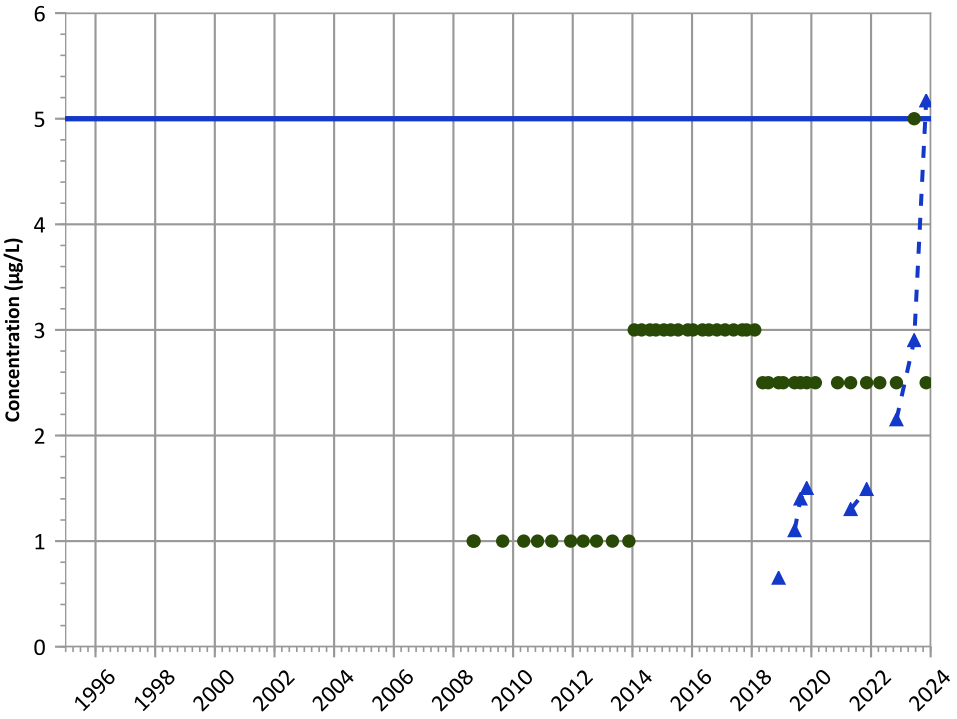


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

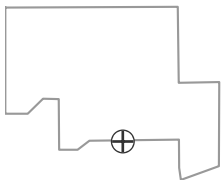
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

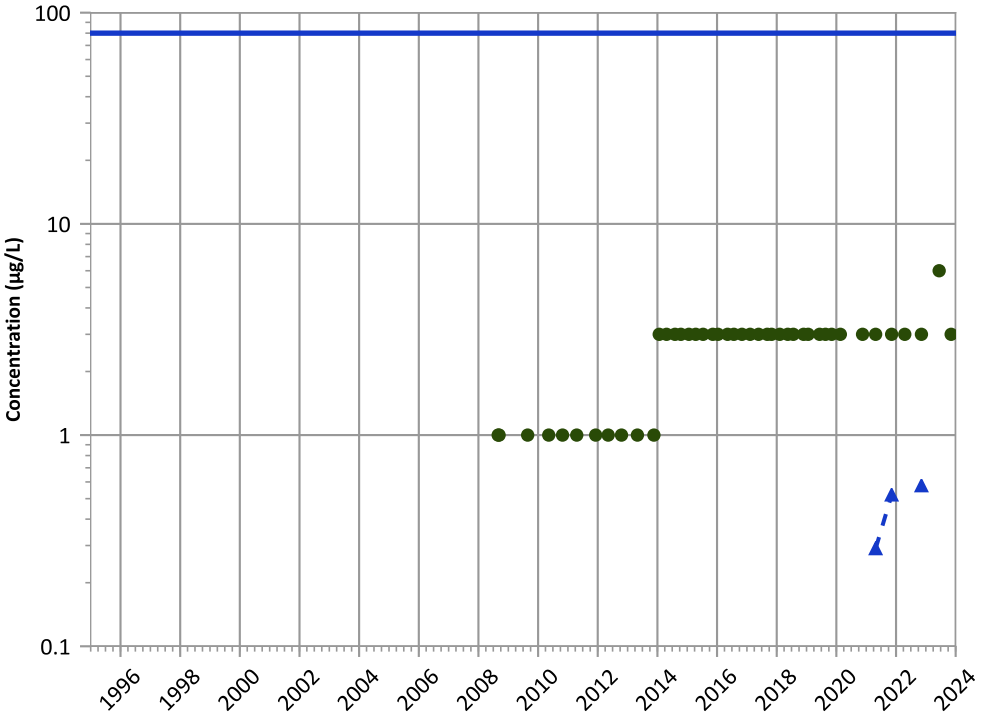
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

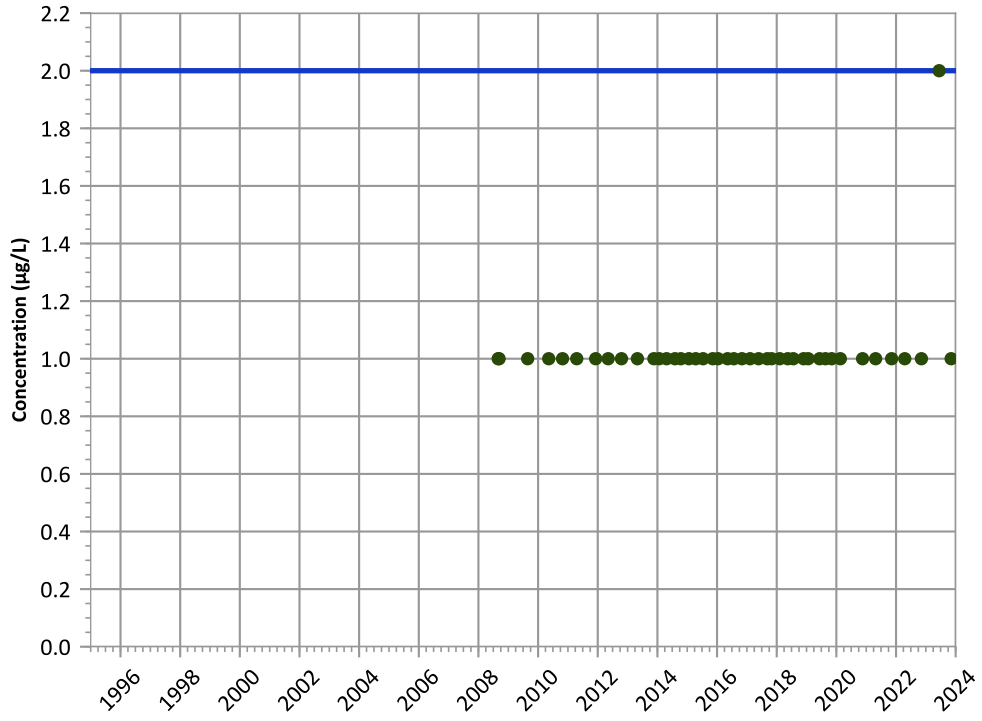


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

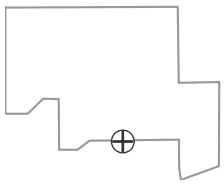
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

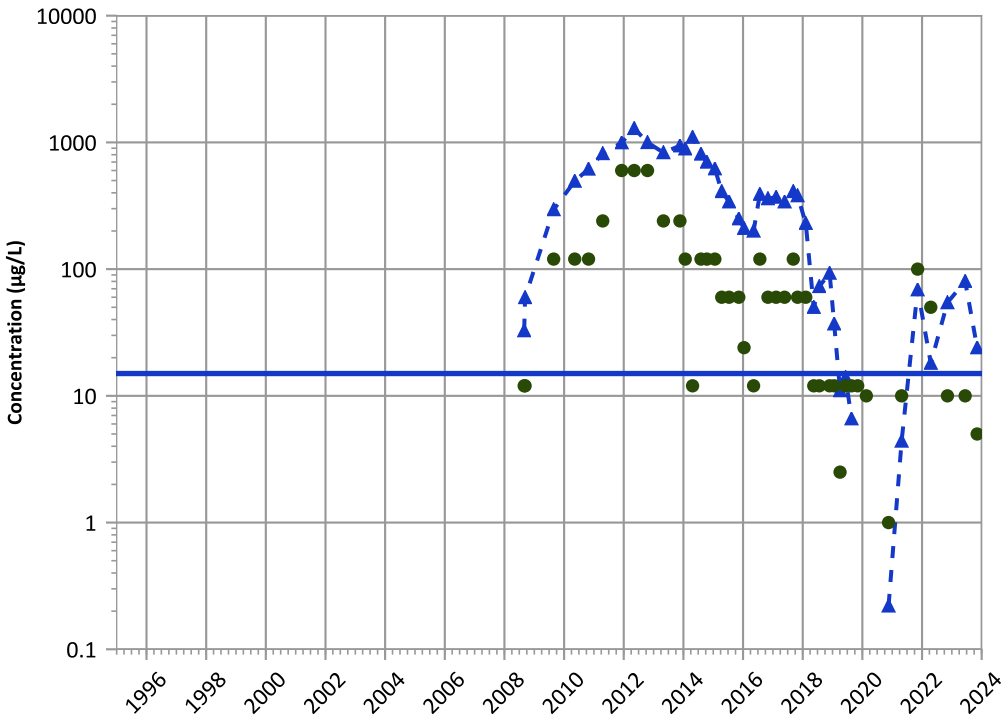
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

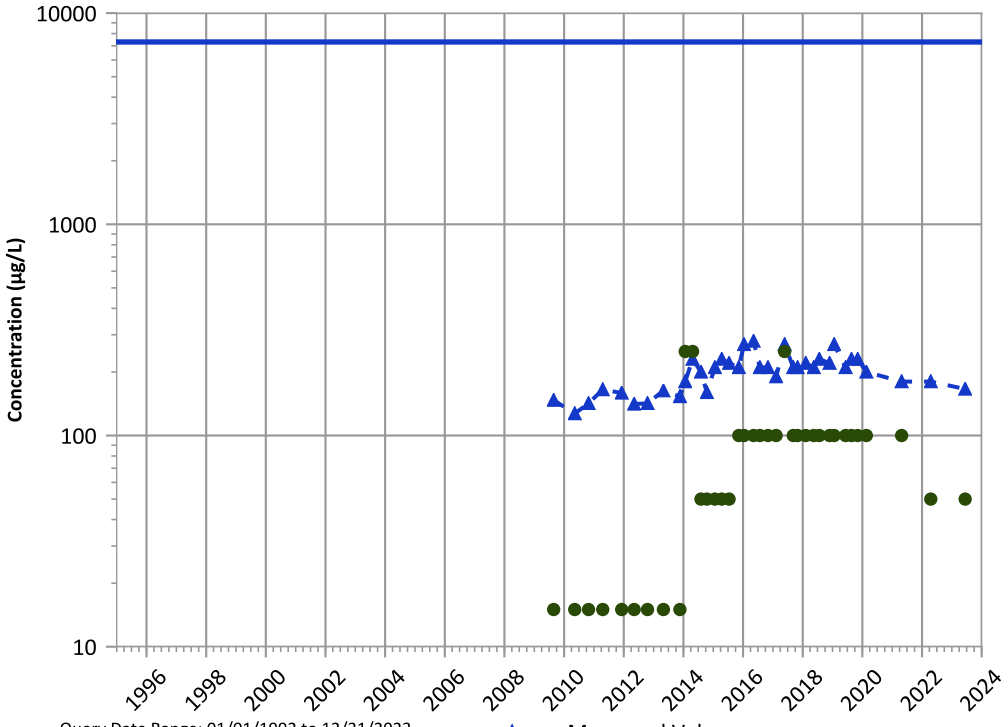
Perchlorate Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Boron Trend



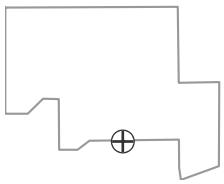
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

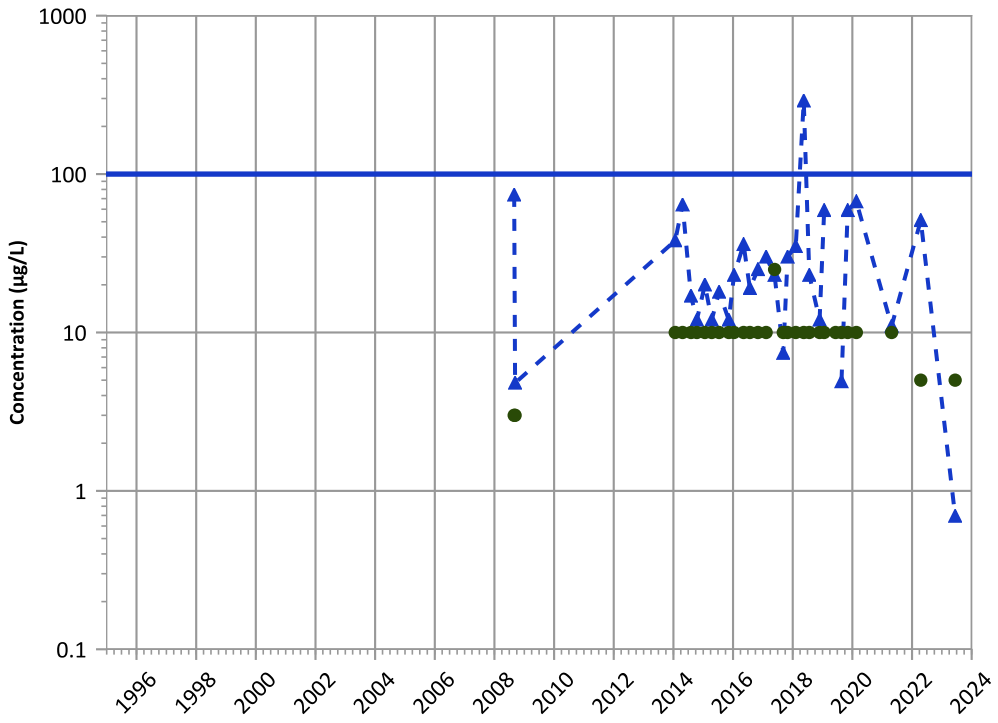
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

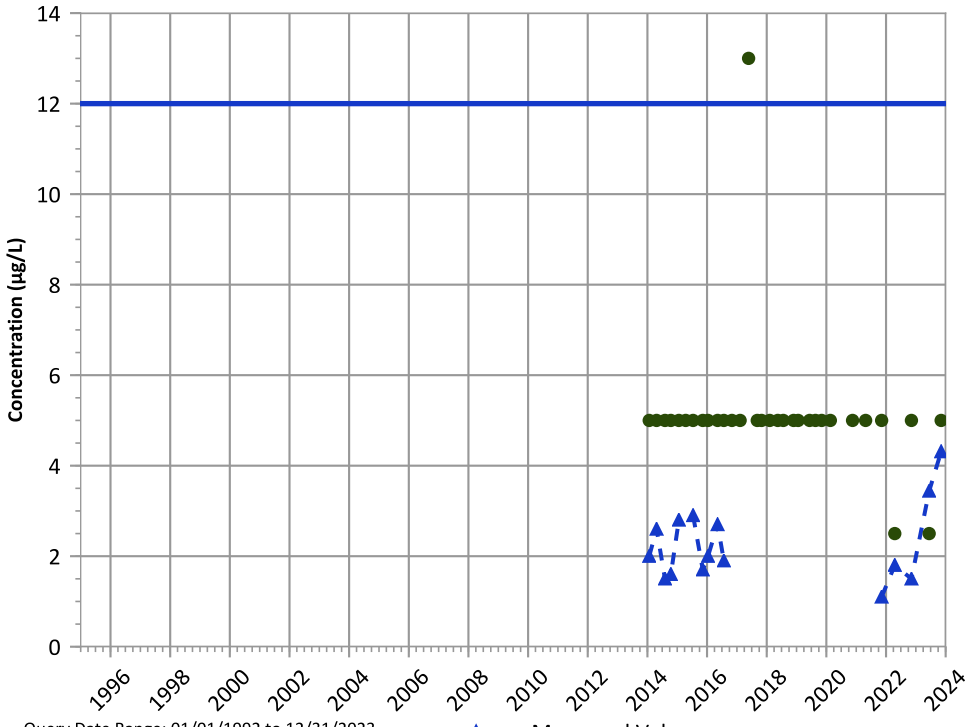


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Arsenic Trend



Concentration Trend

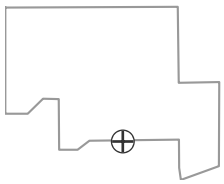
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

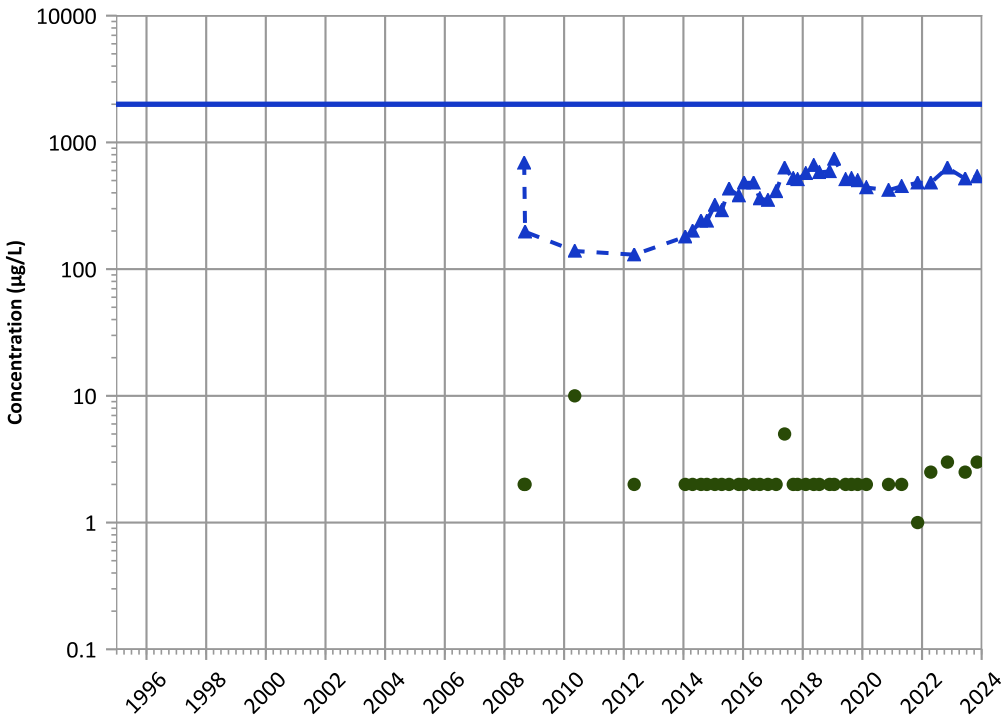
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

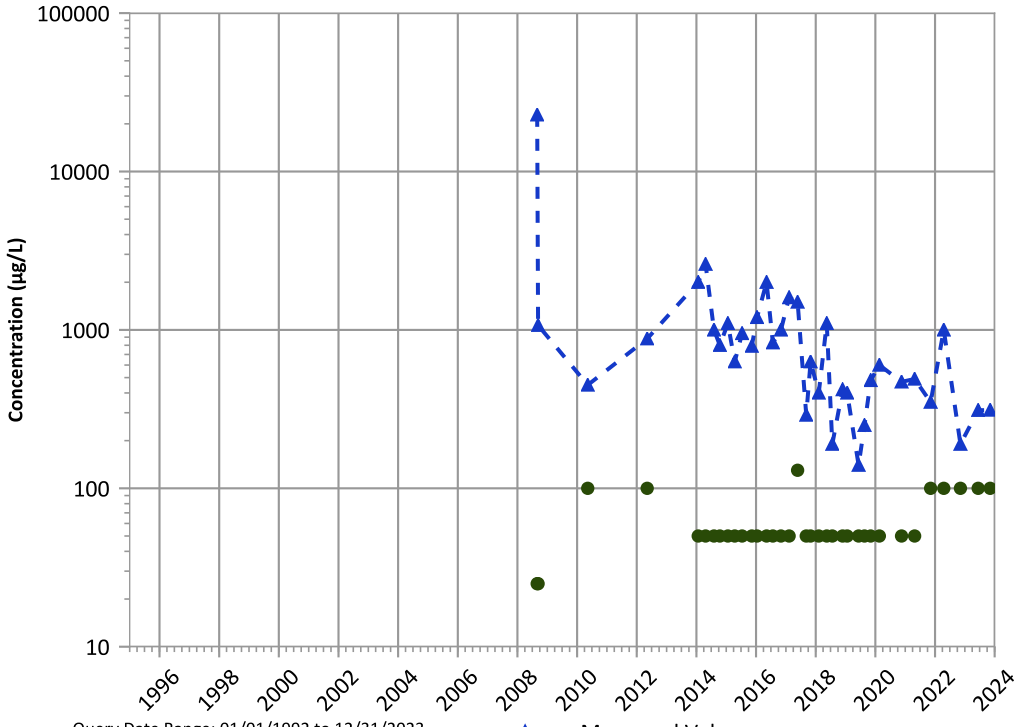


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Iron Trend



Concentration Trend

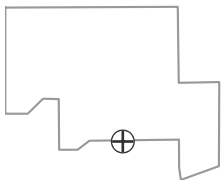
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

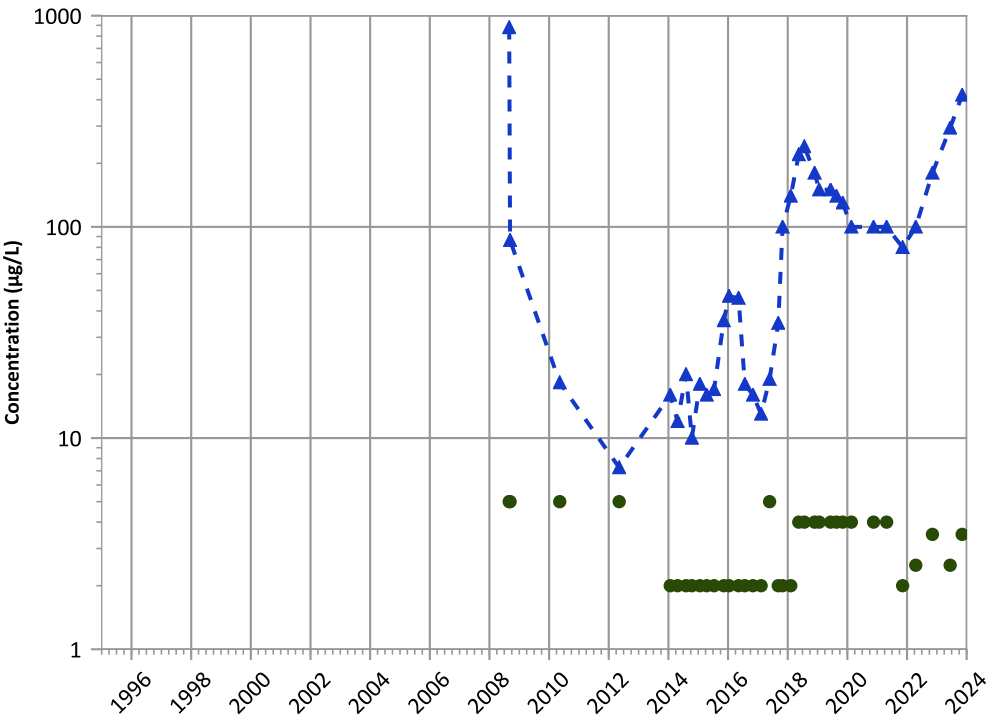
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

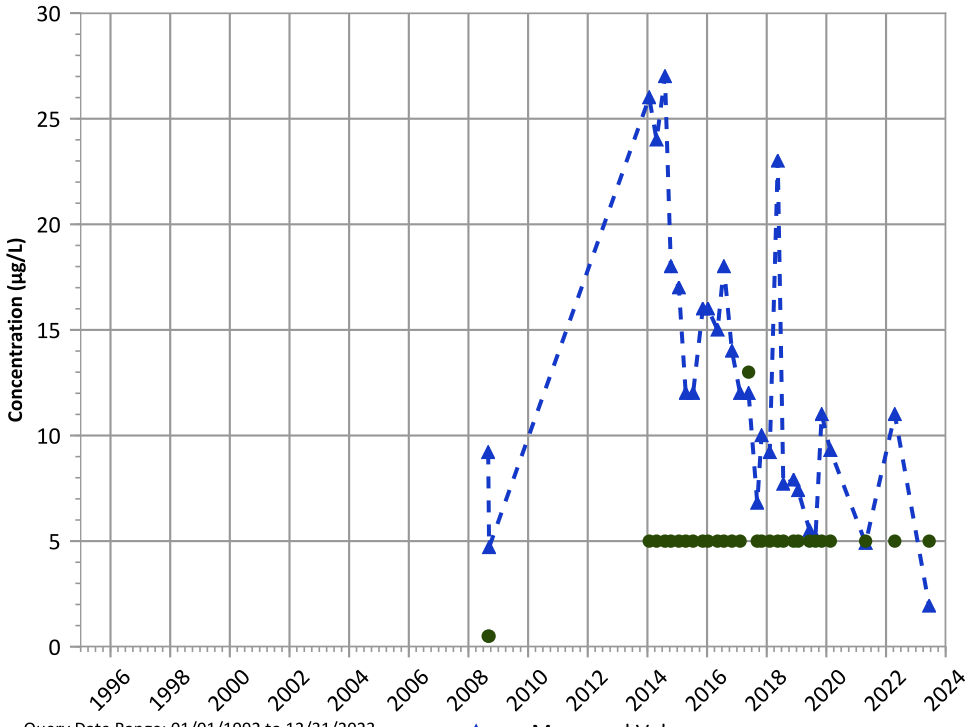


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Molybdenum Trend



Concentration Trend

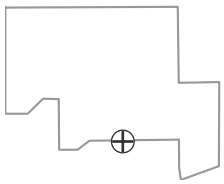
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

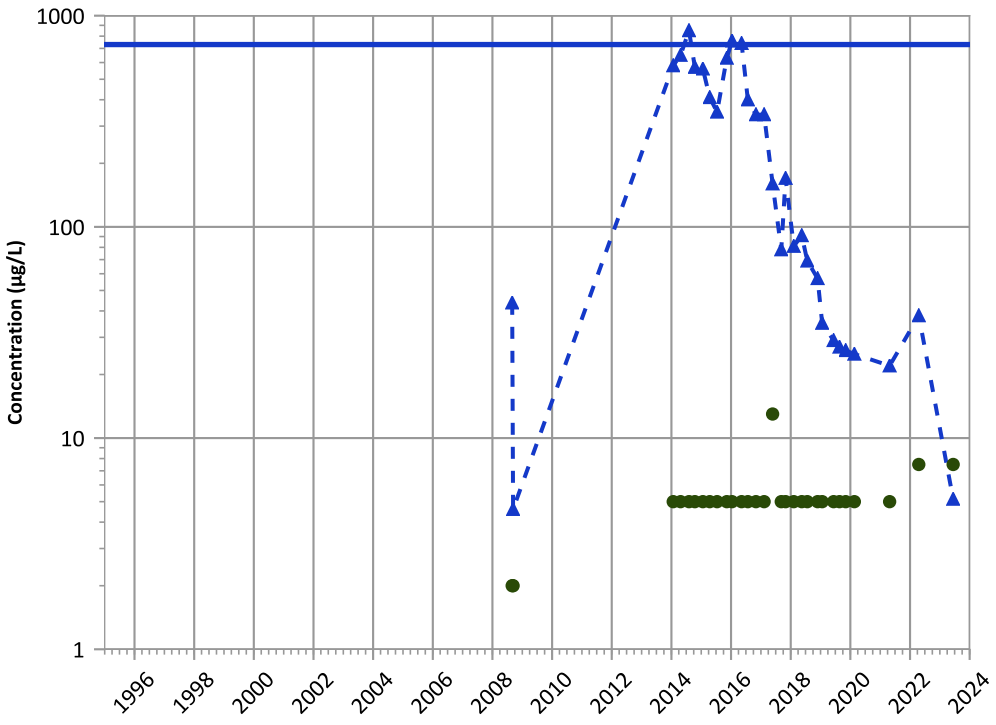
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

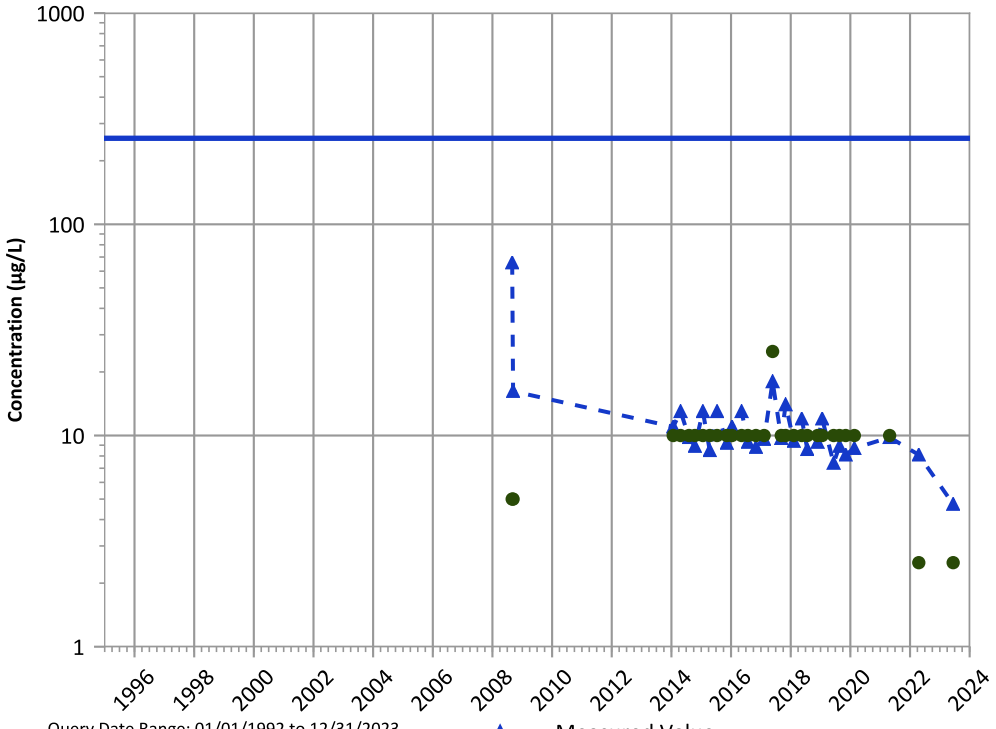


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Vanadium Trend



Concentration Trend

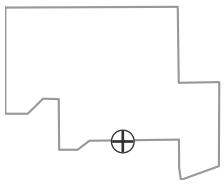
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

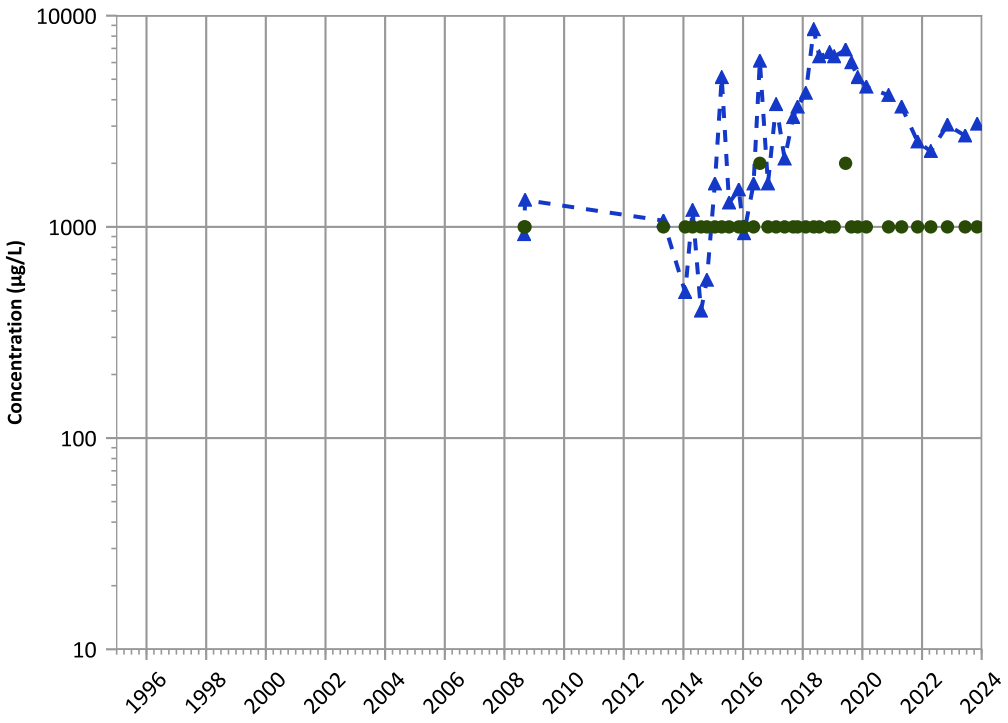
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

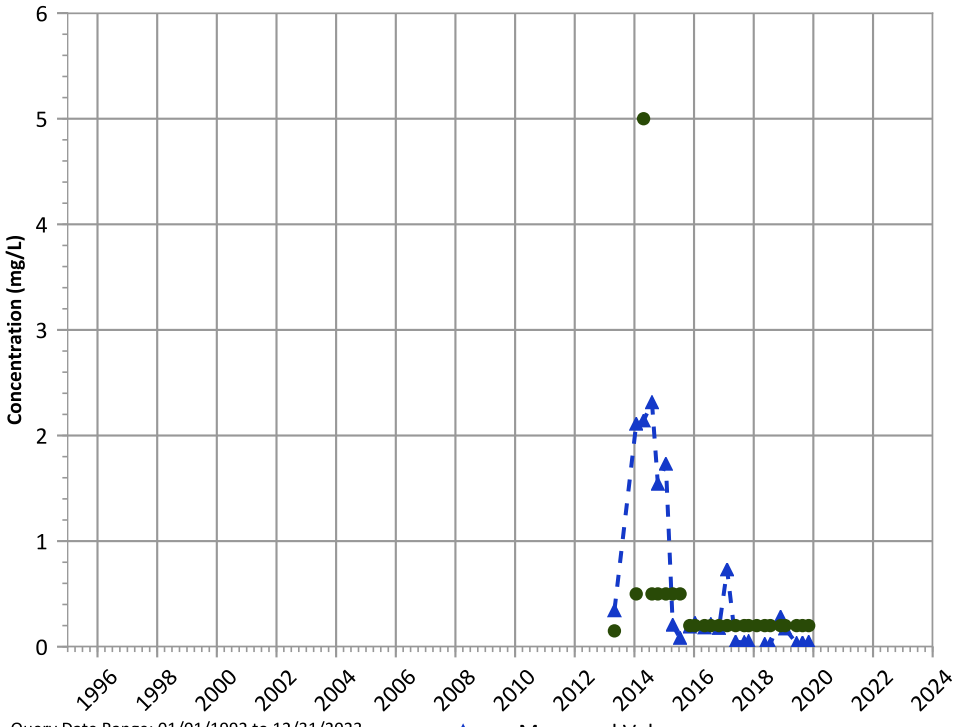


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

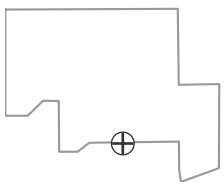
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

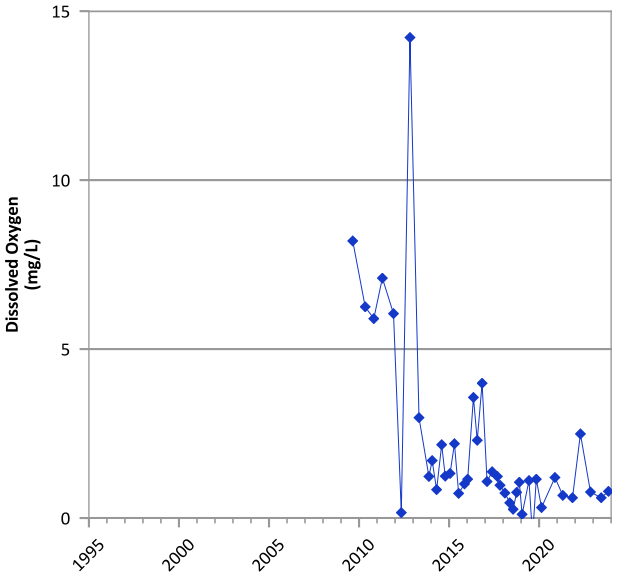
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

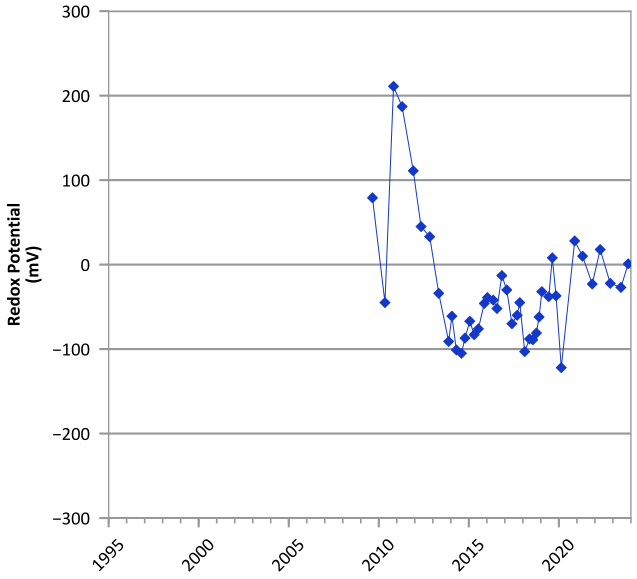
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

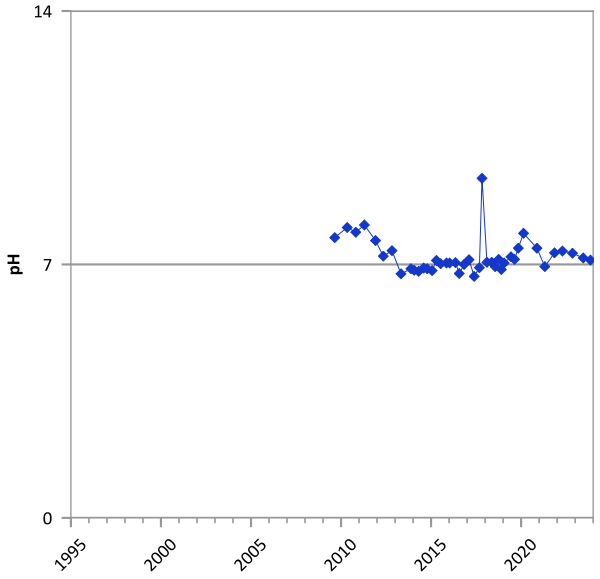
Well Location

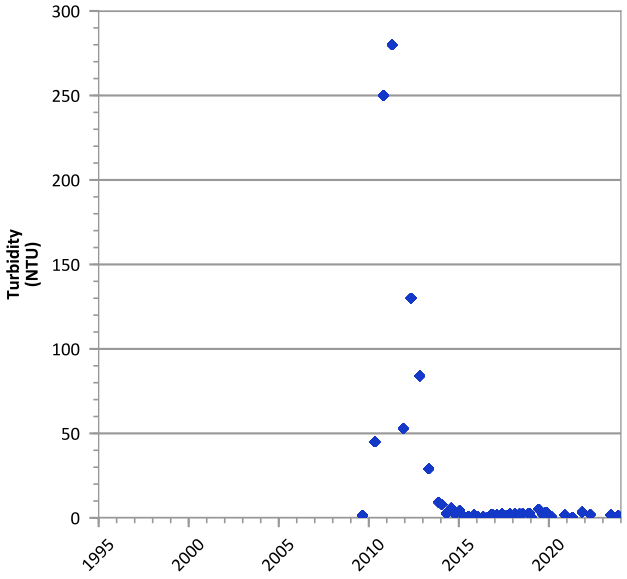


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

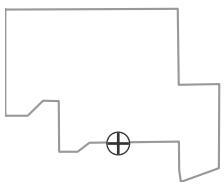






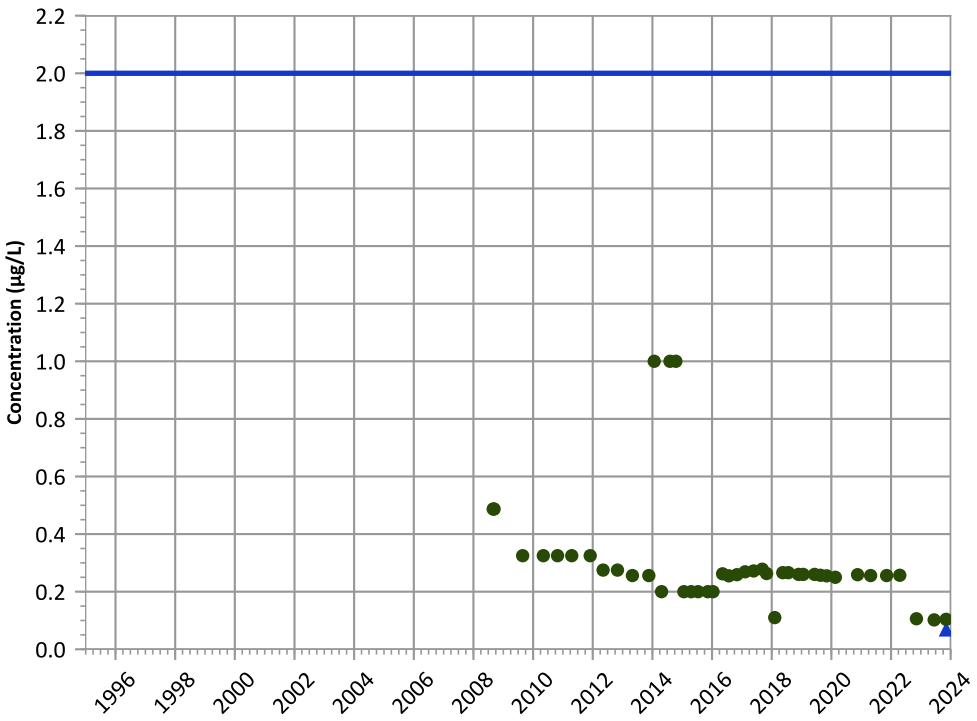


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

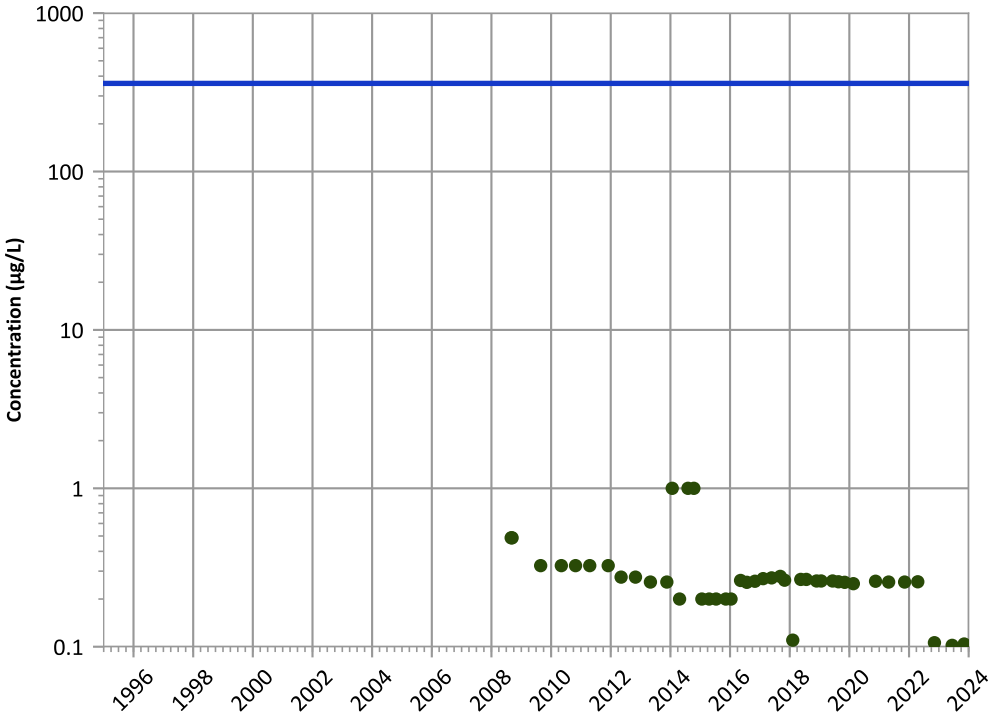


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

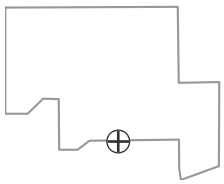
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

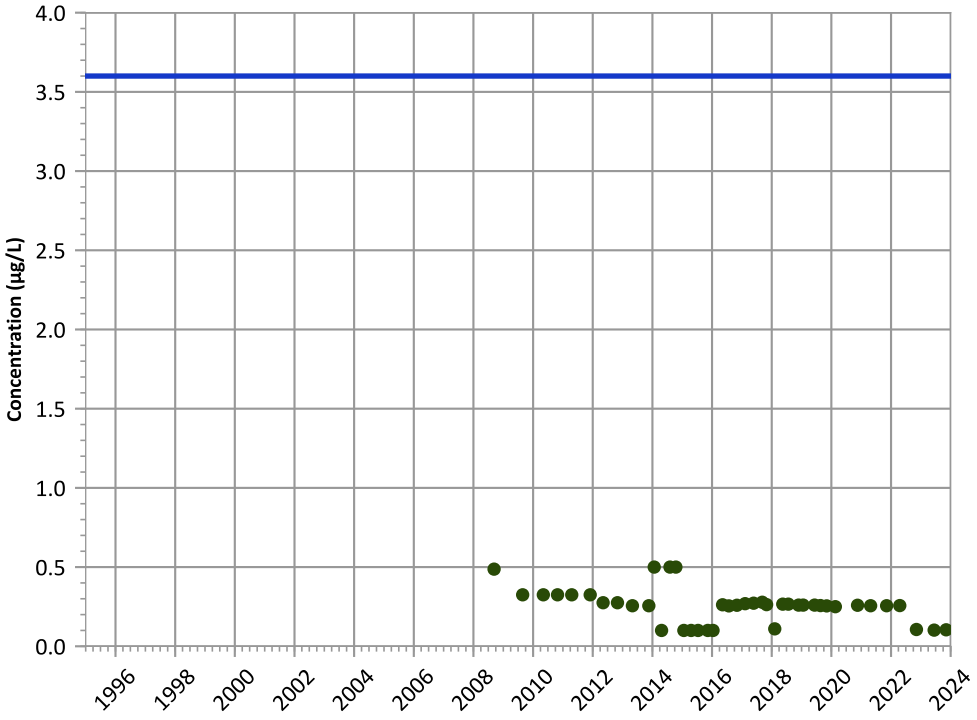
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

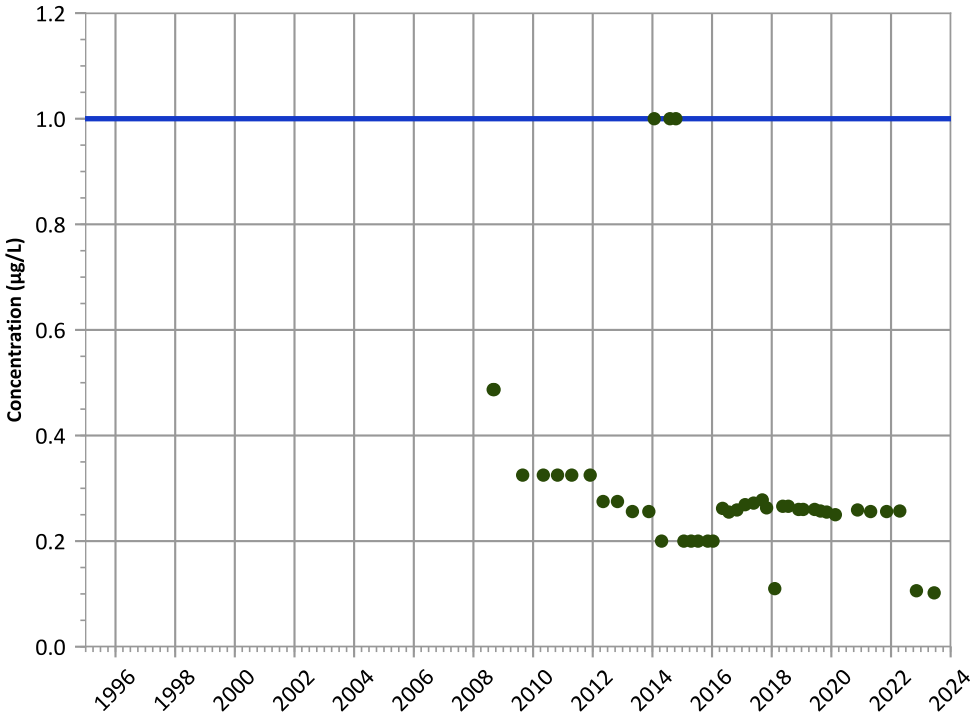


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

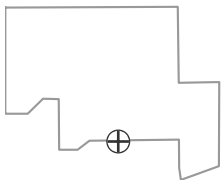
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

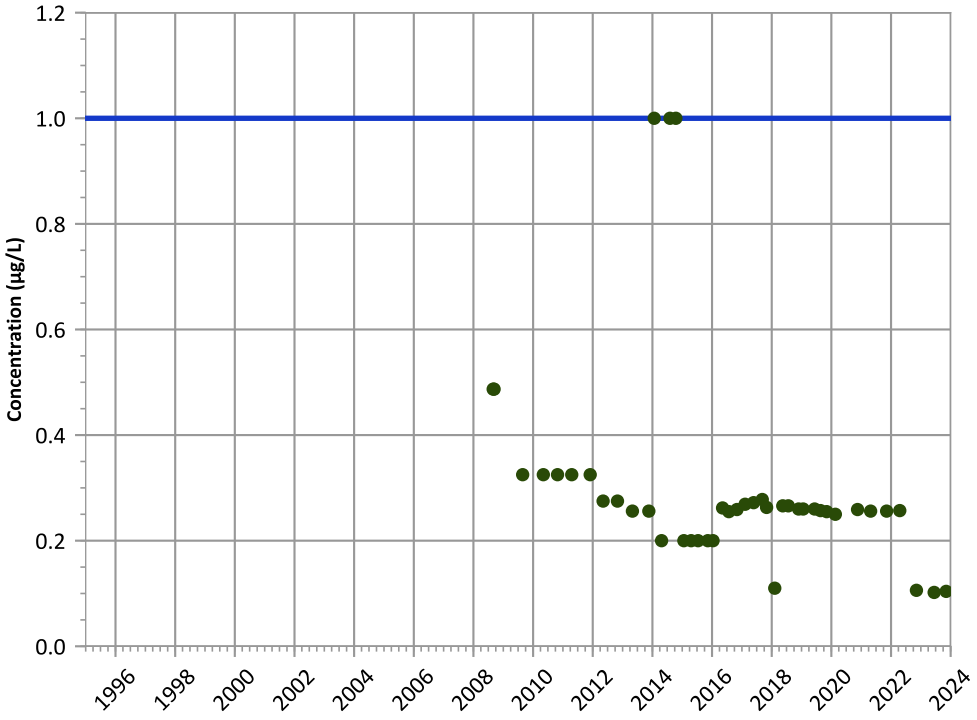
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

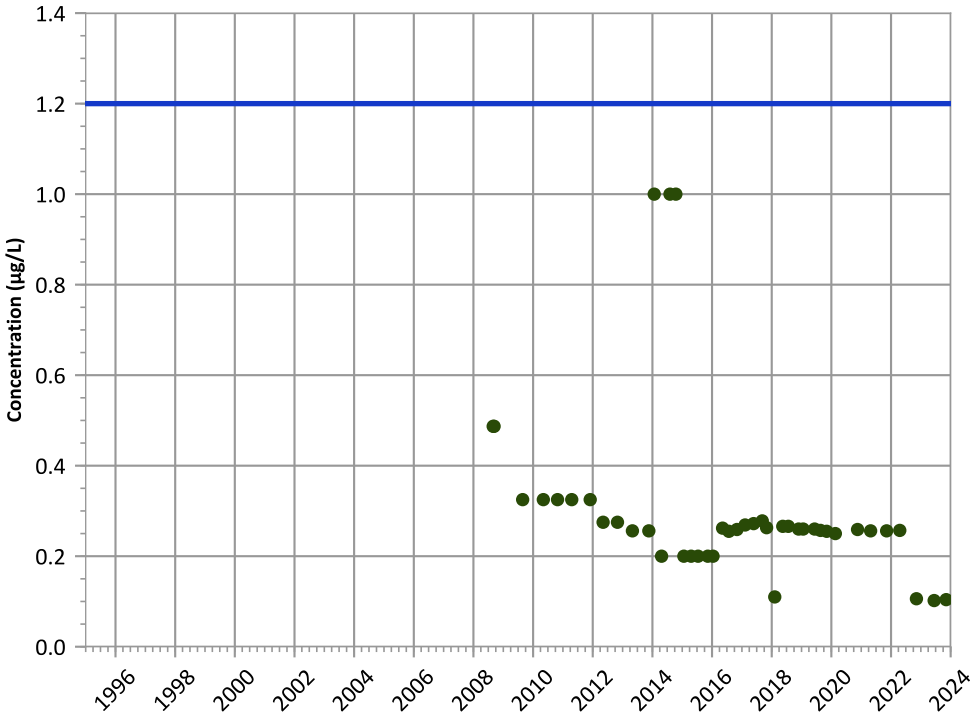


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

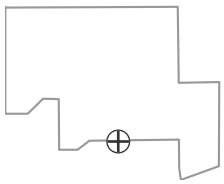
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

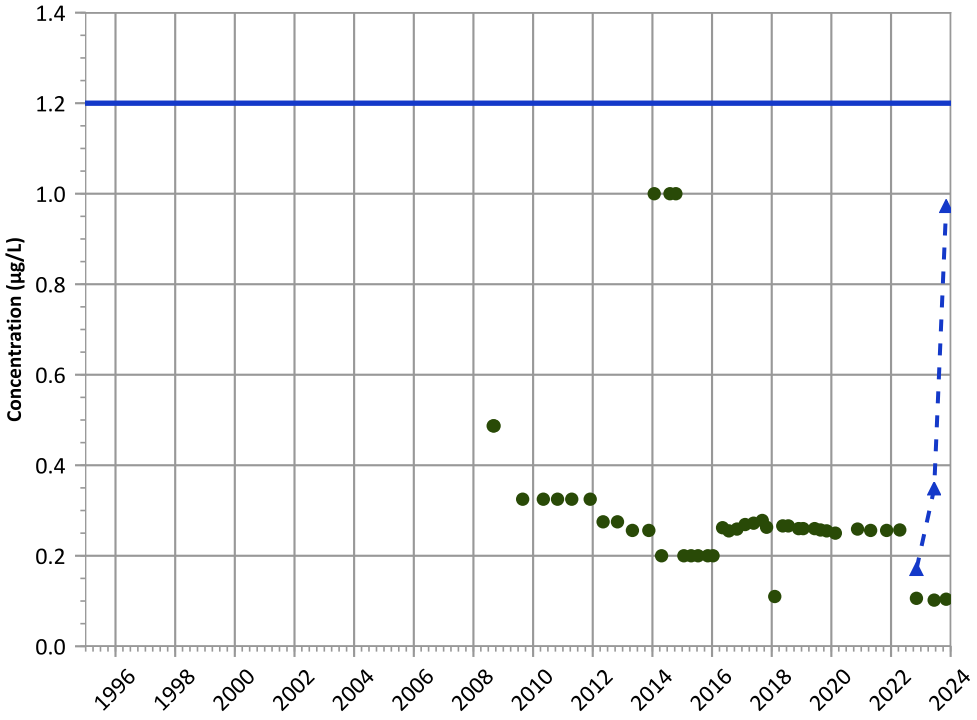
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

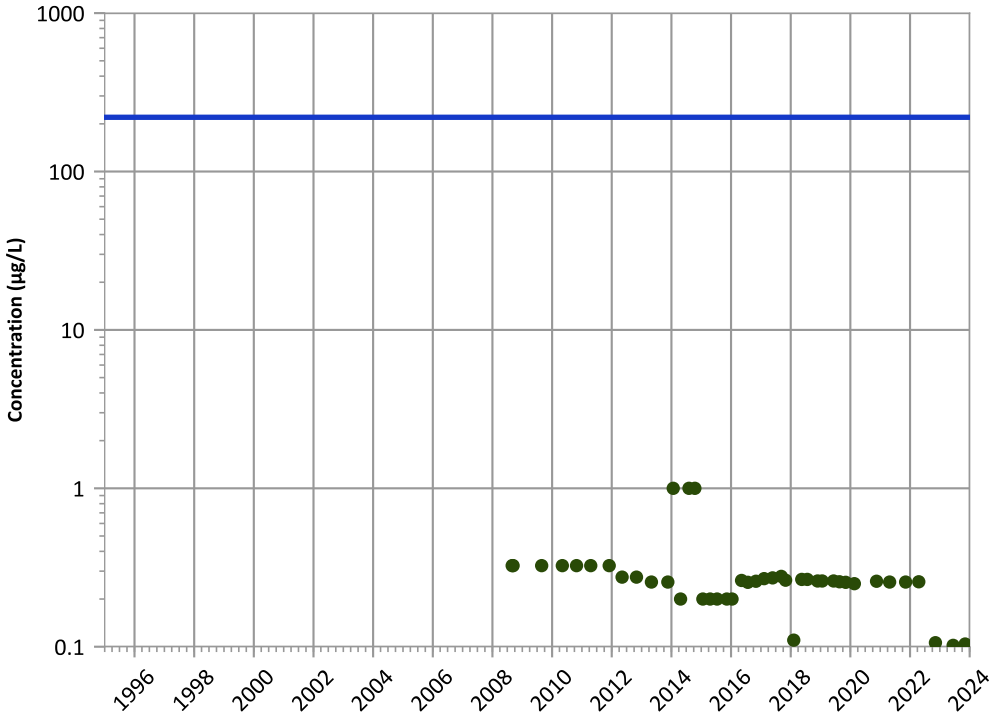


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

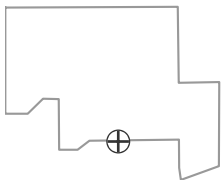
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

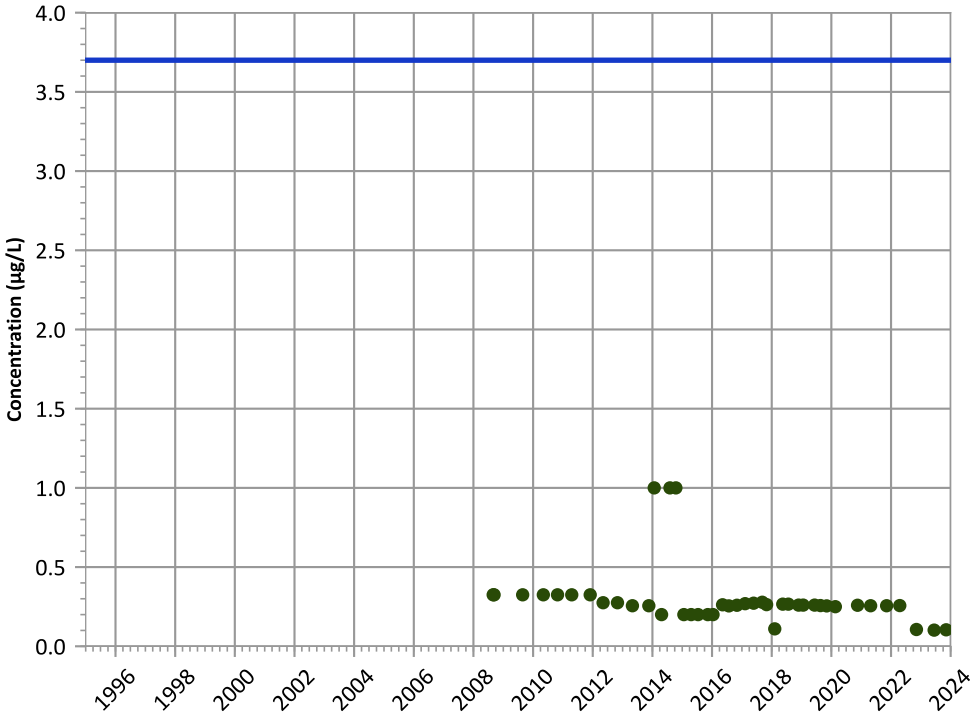
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

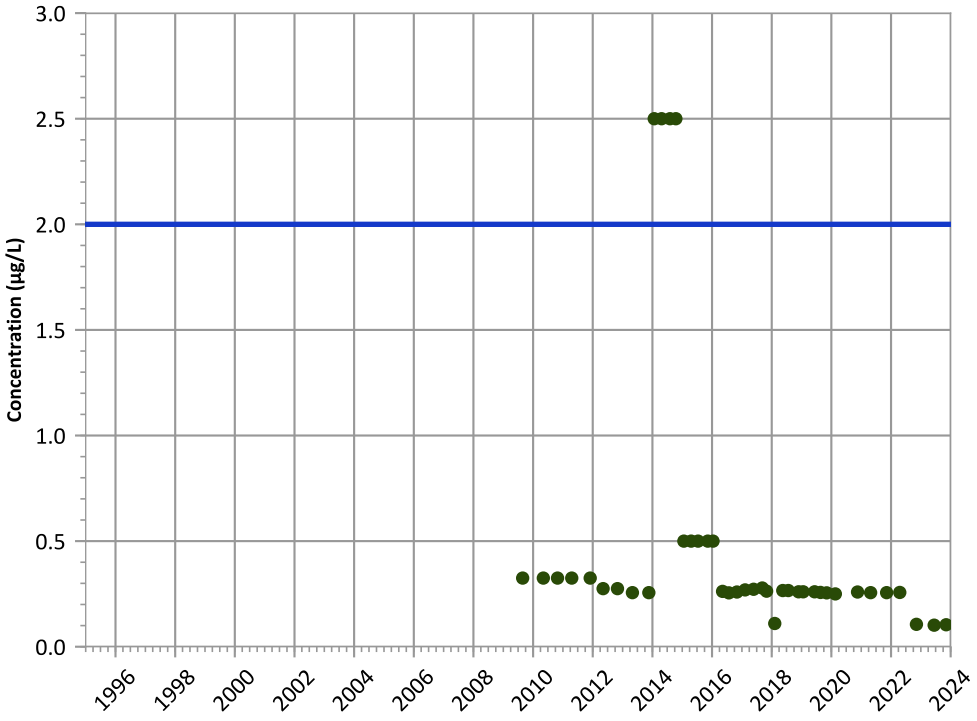


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

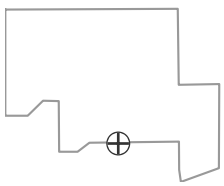
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

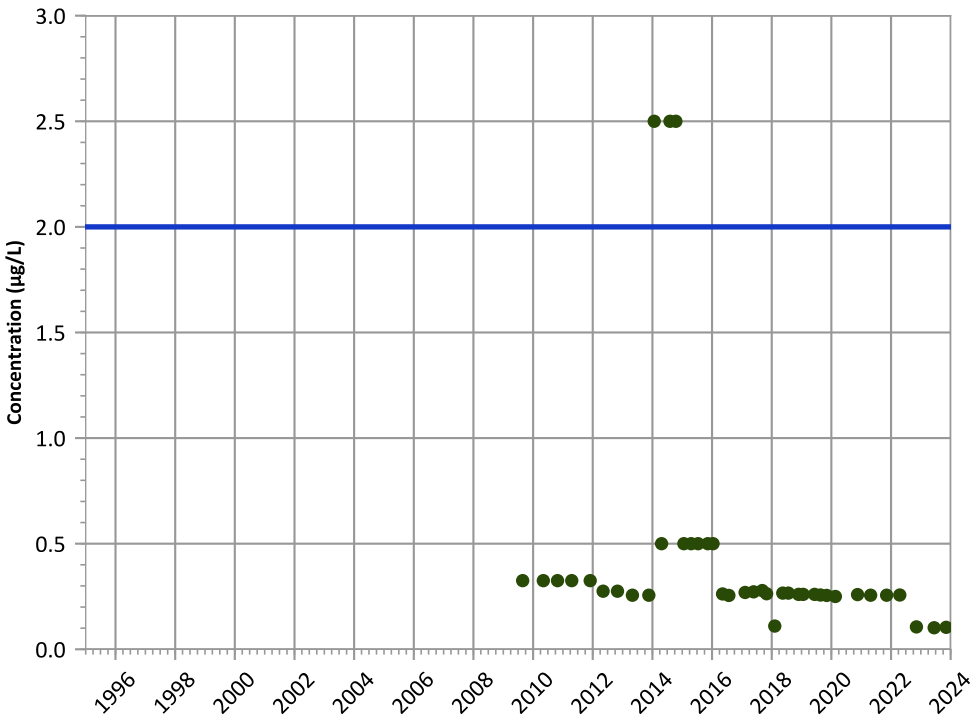
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

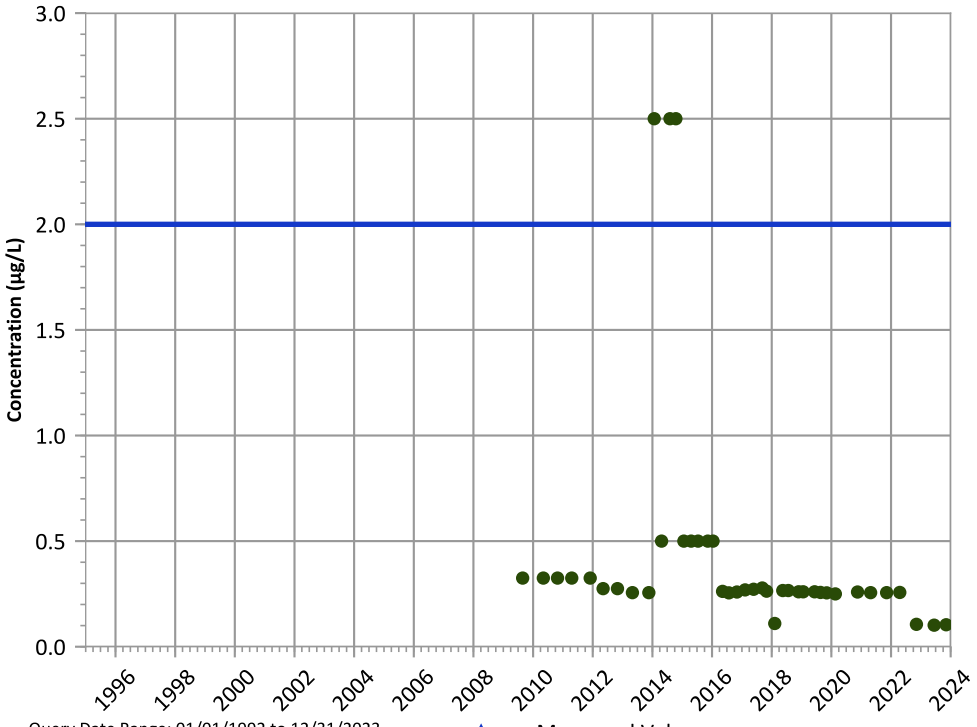


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

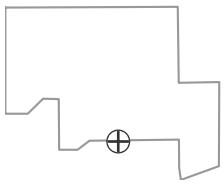
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

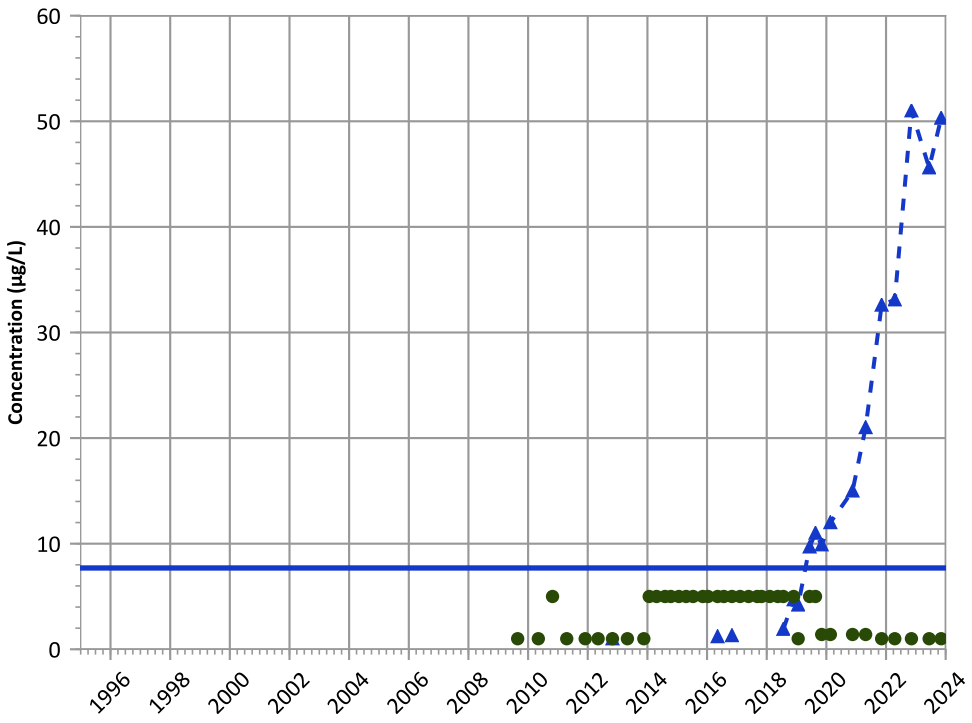
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

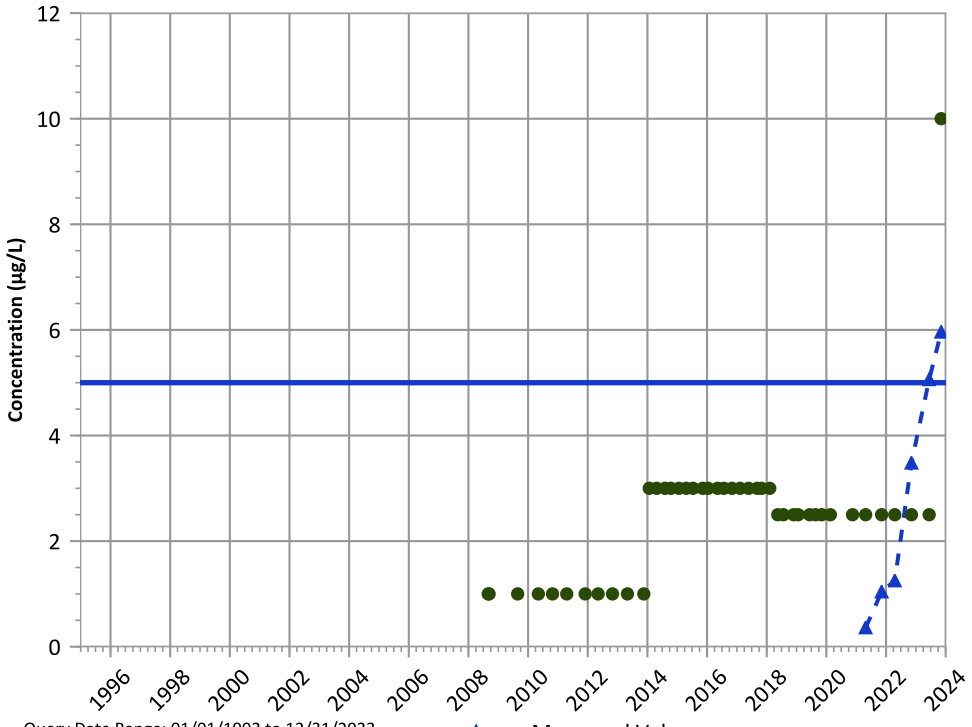


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

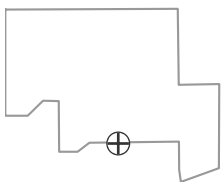
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

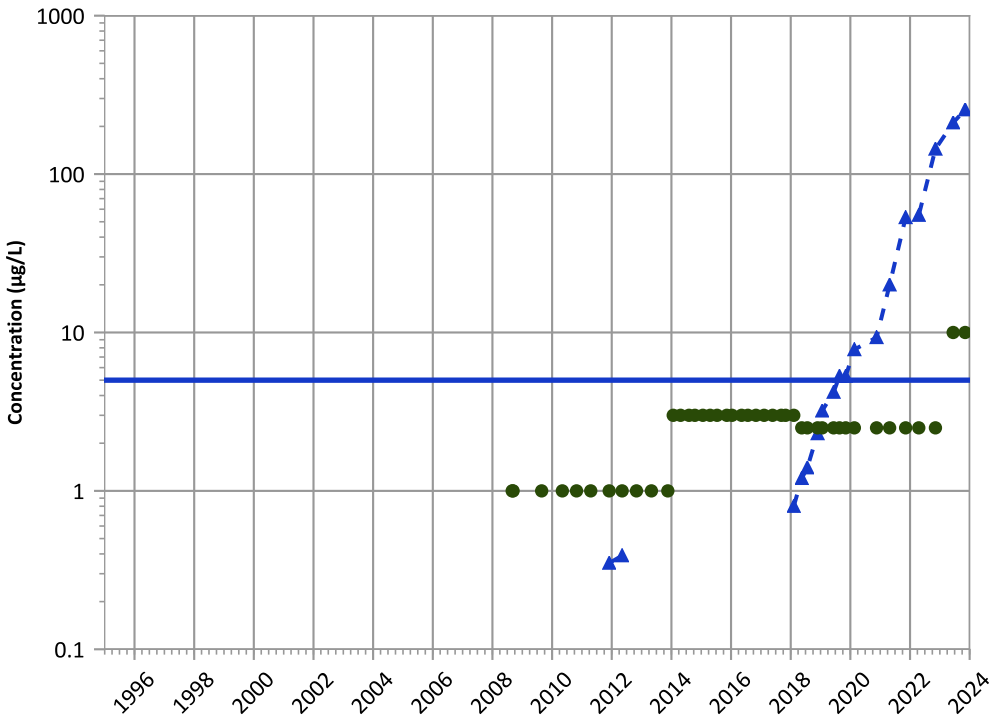
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

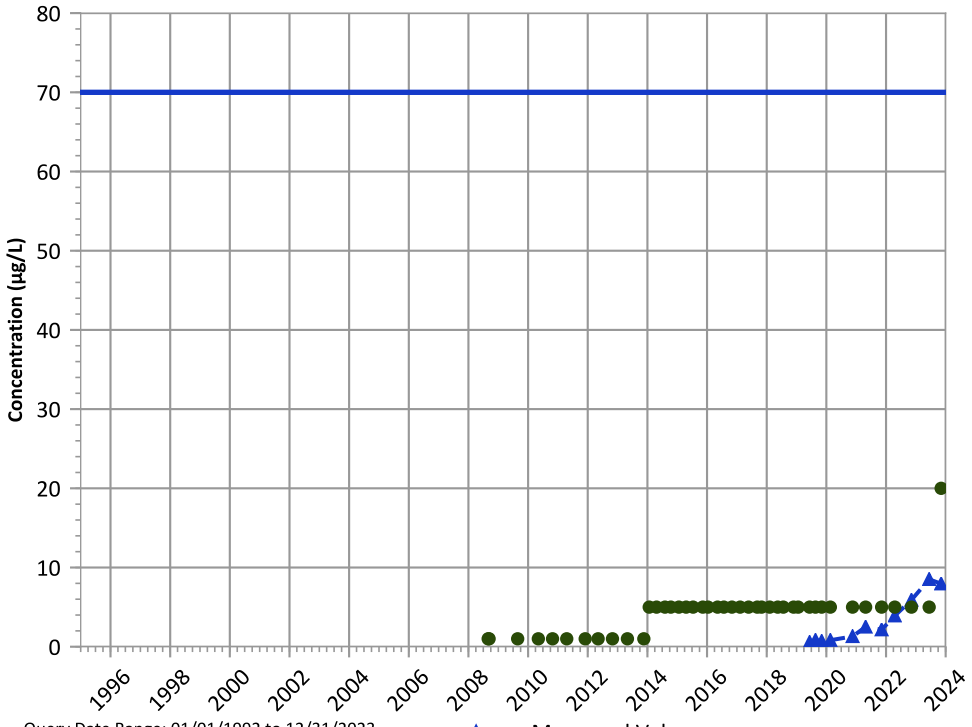


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

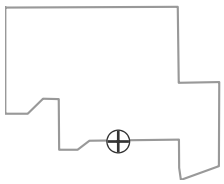
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

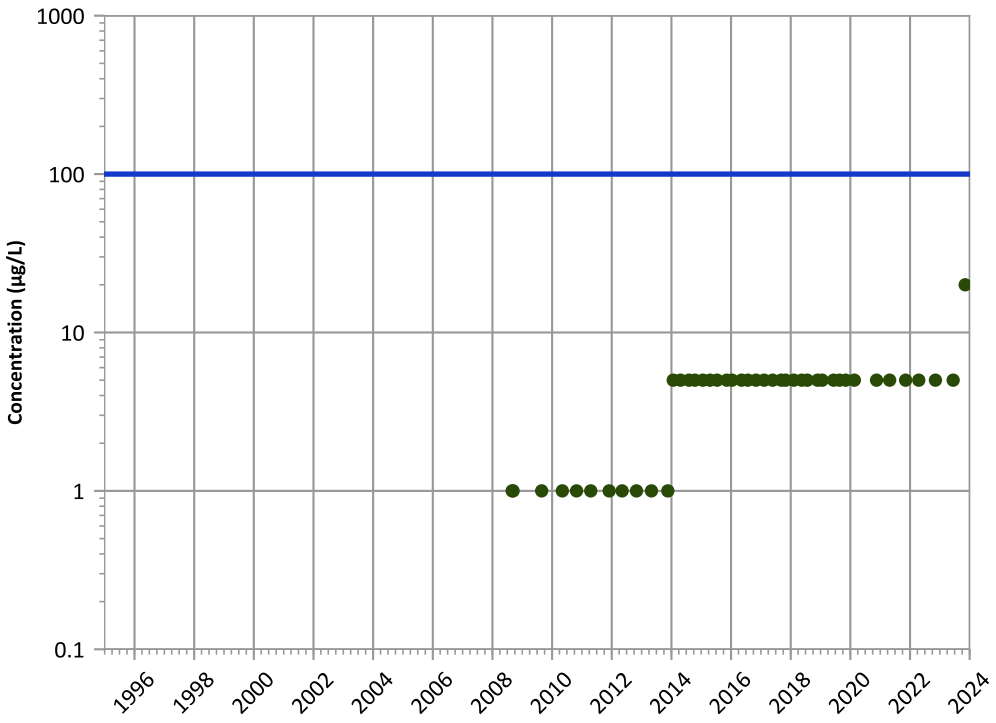
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

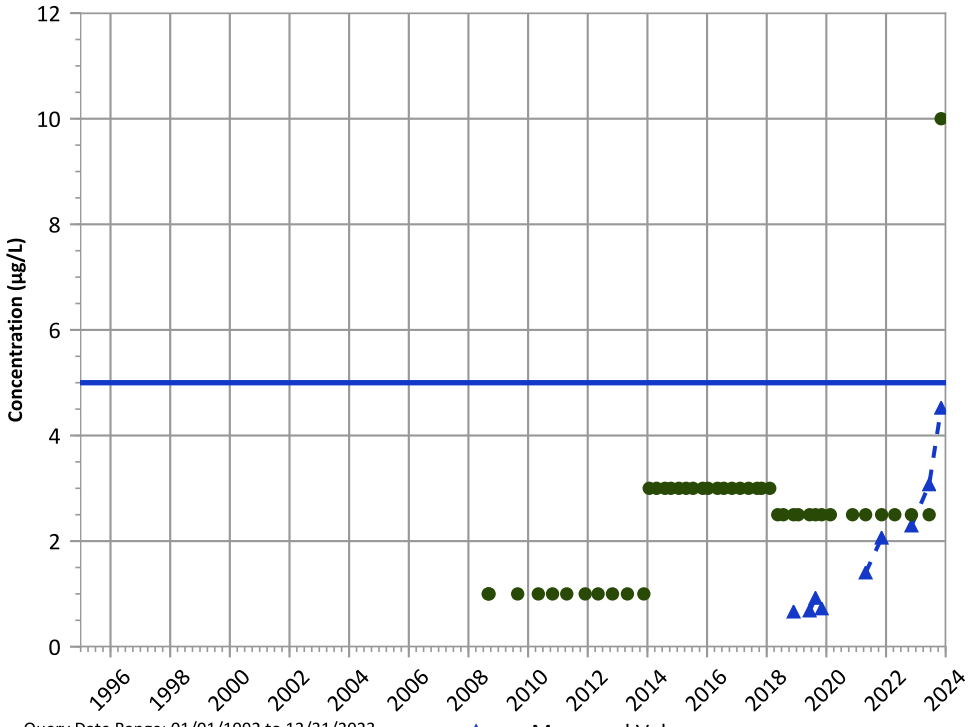


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

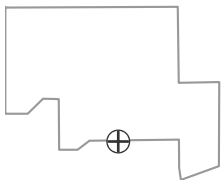
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

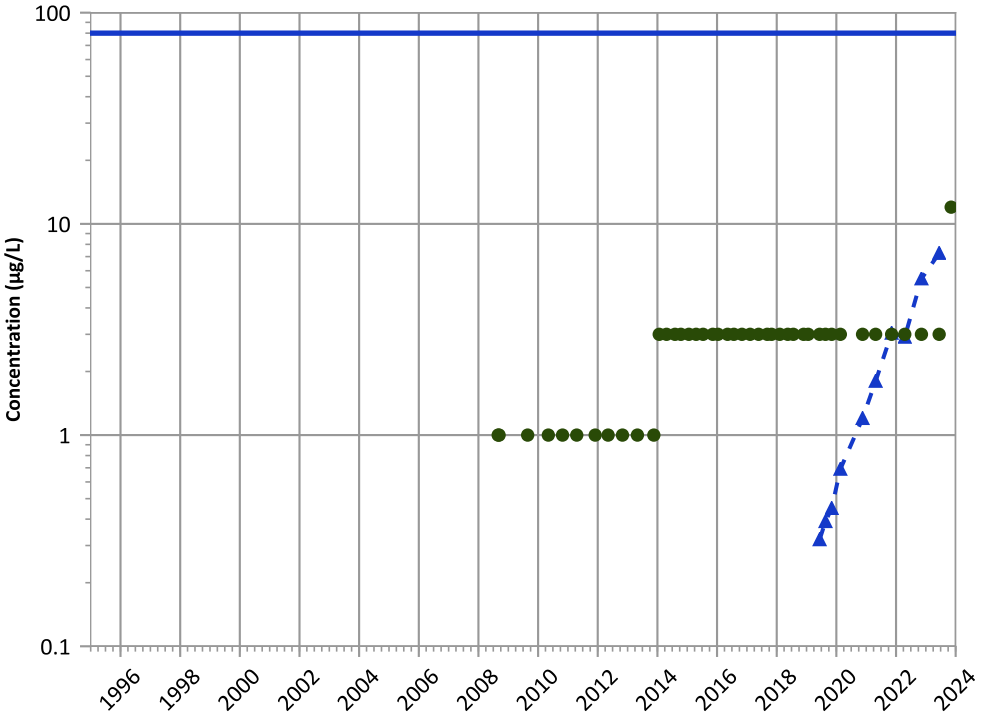
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

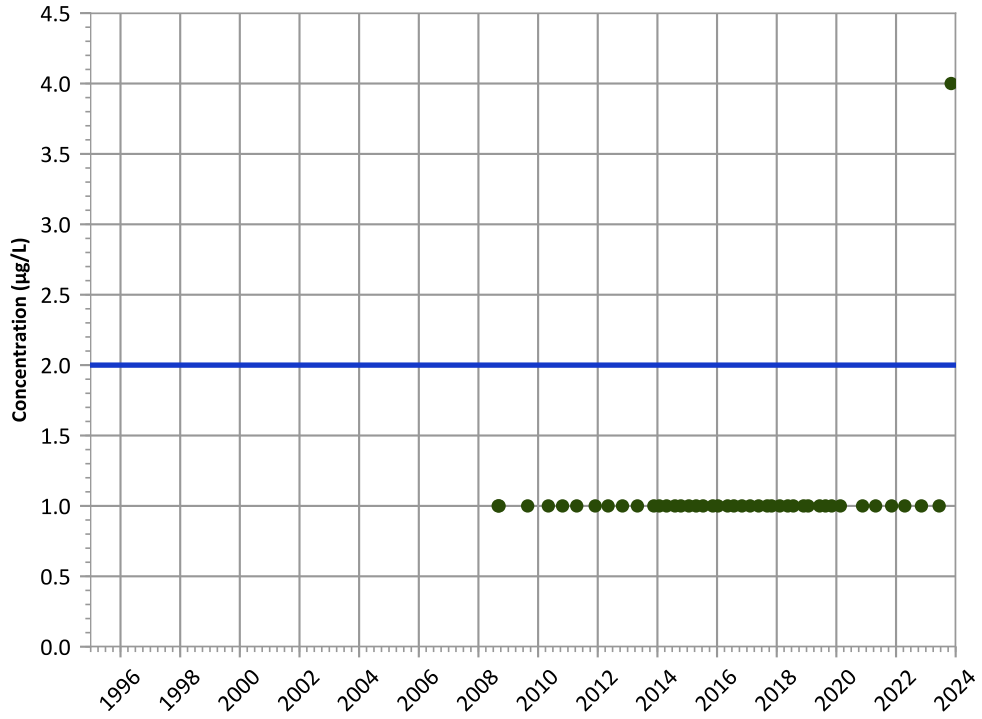


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Vinyl Chloride Trend



Concentration Trend

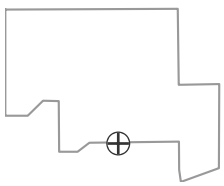
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

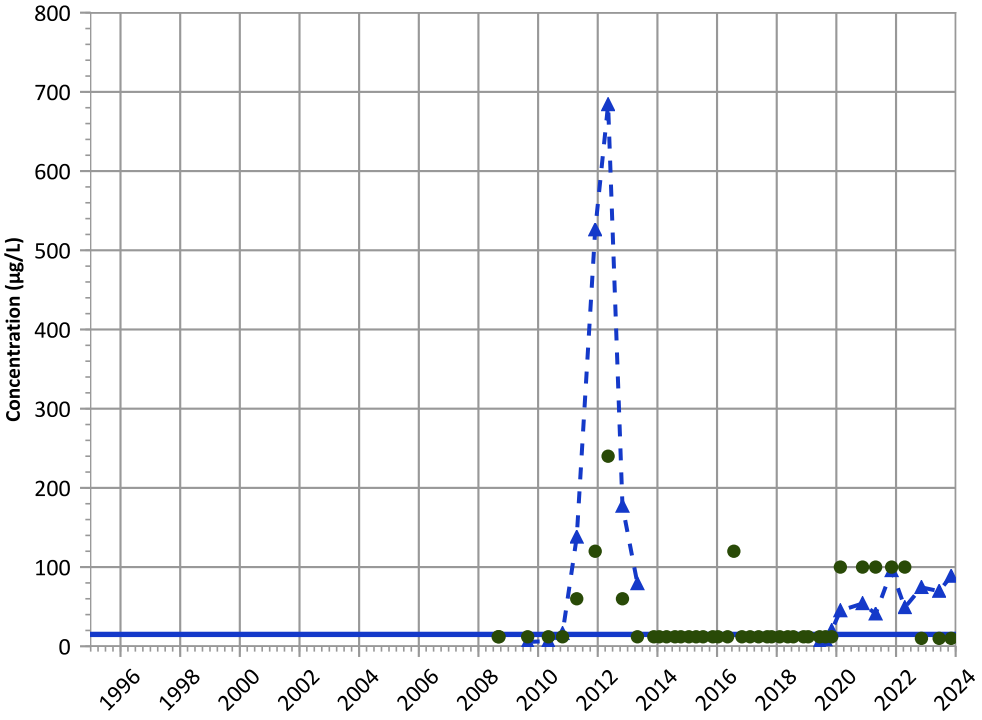
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

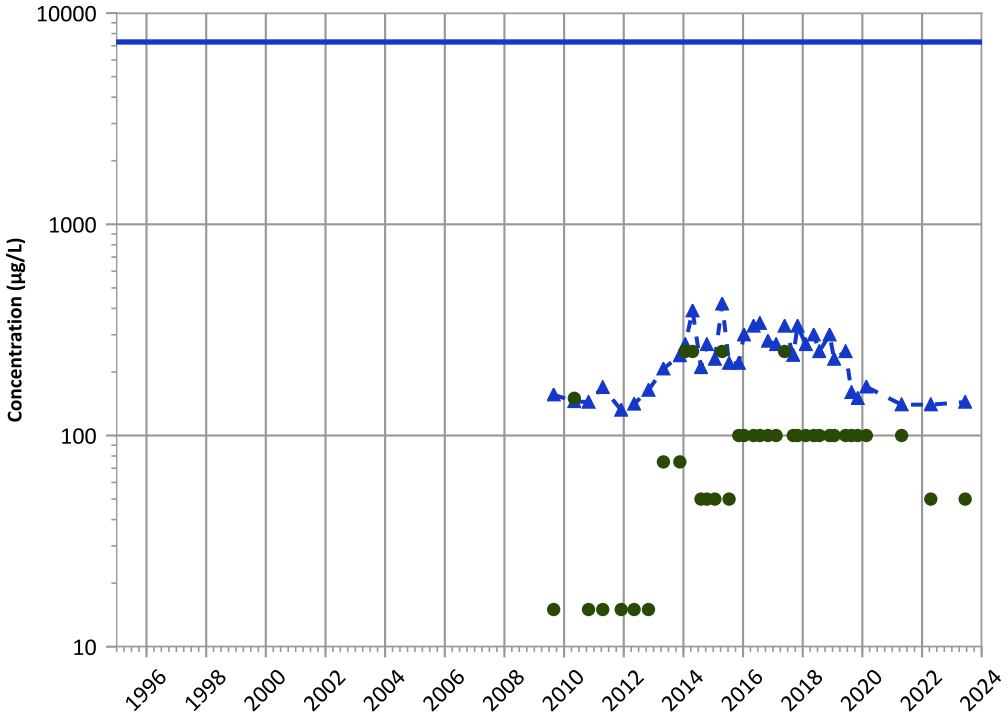


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Boron Trend



Concentration Trend

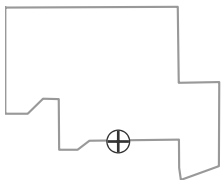
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

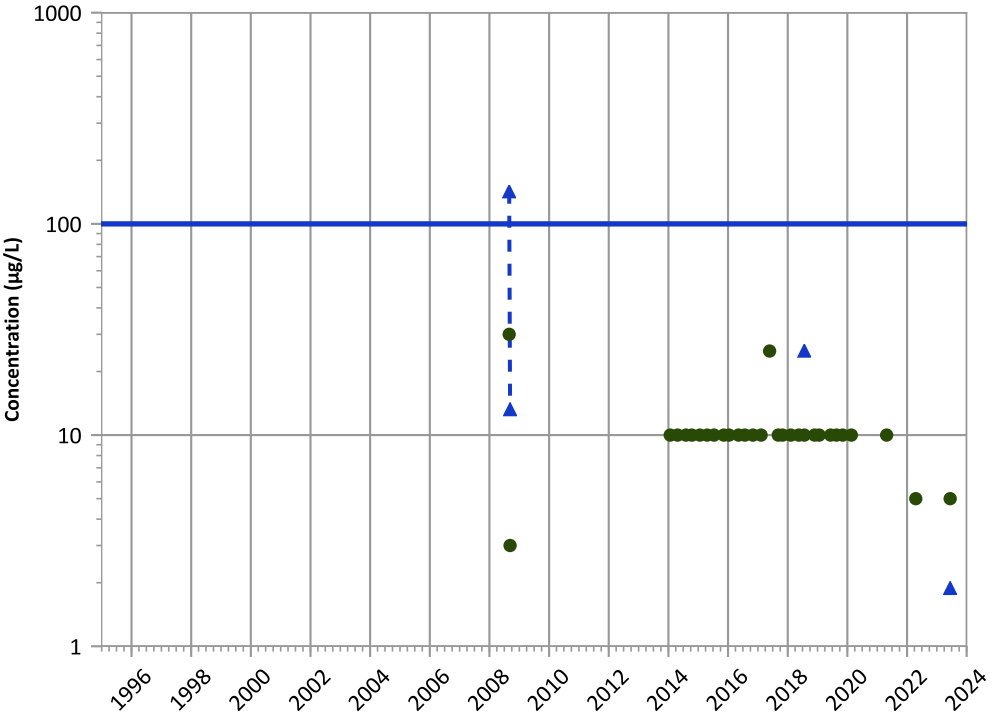
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

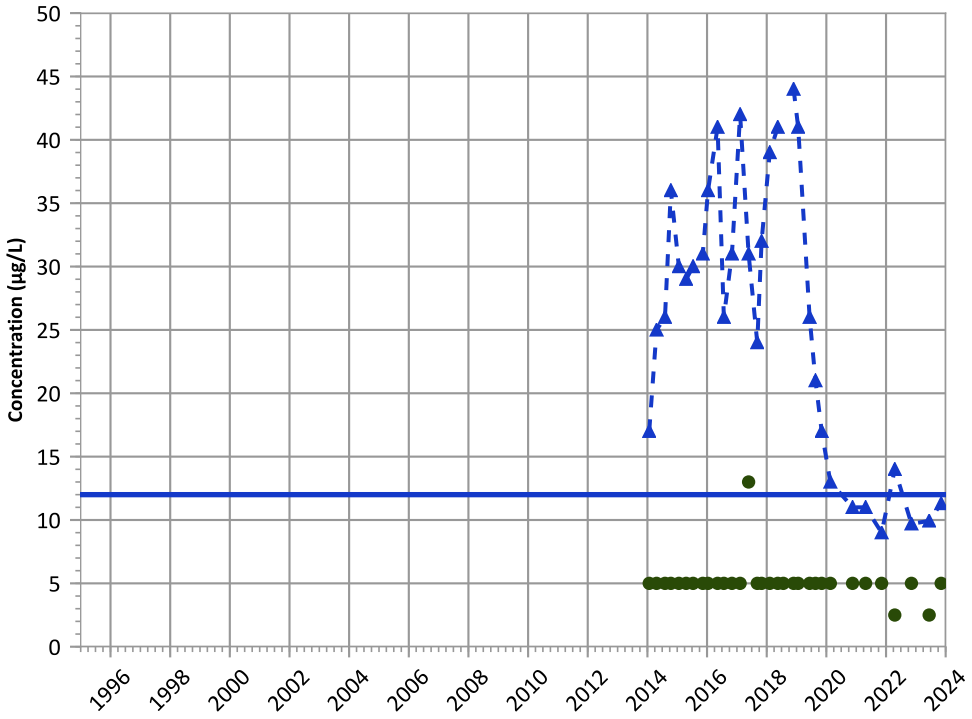


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
No Trend

Arsenic Trend



Concentration Trend

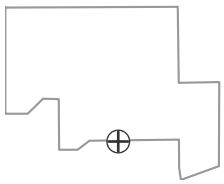
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

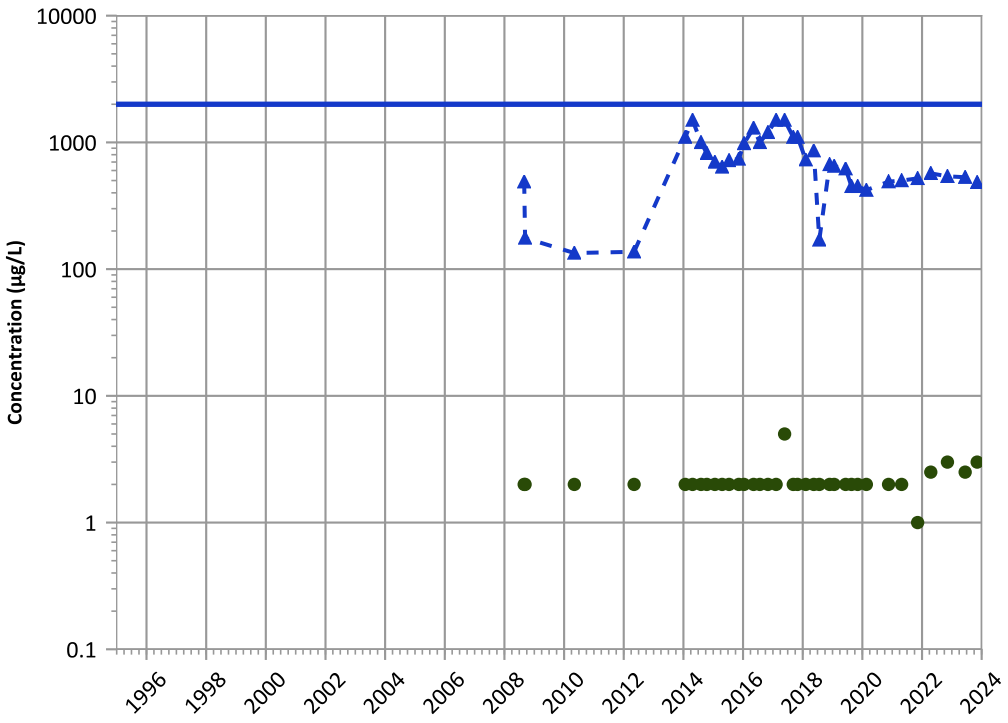
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

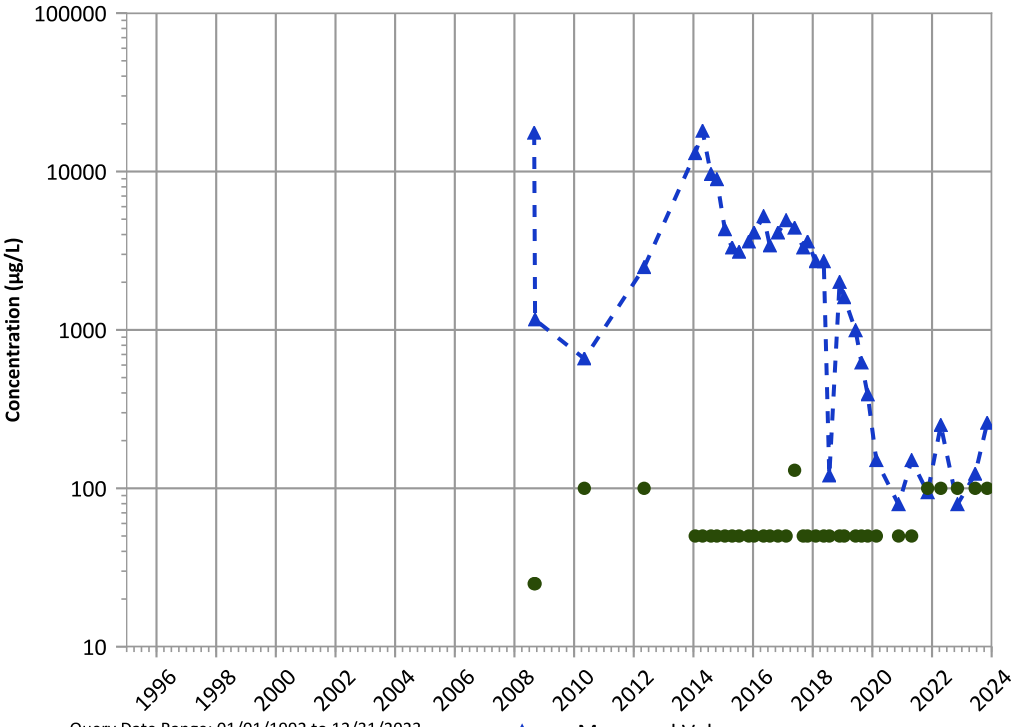


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Iron Trend



Concentration Trend

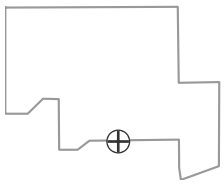
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

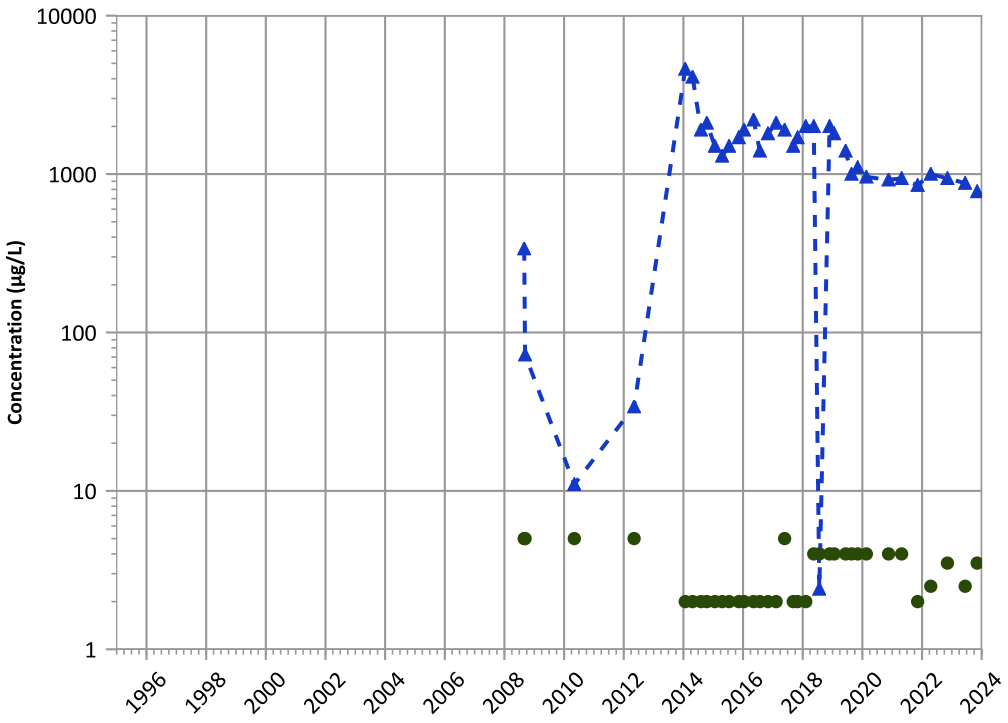
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

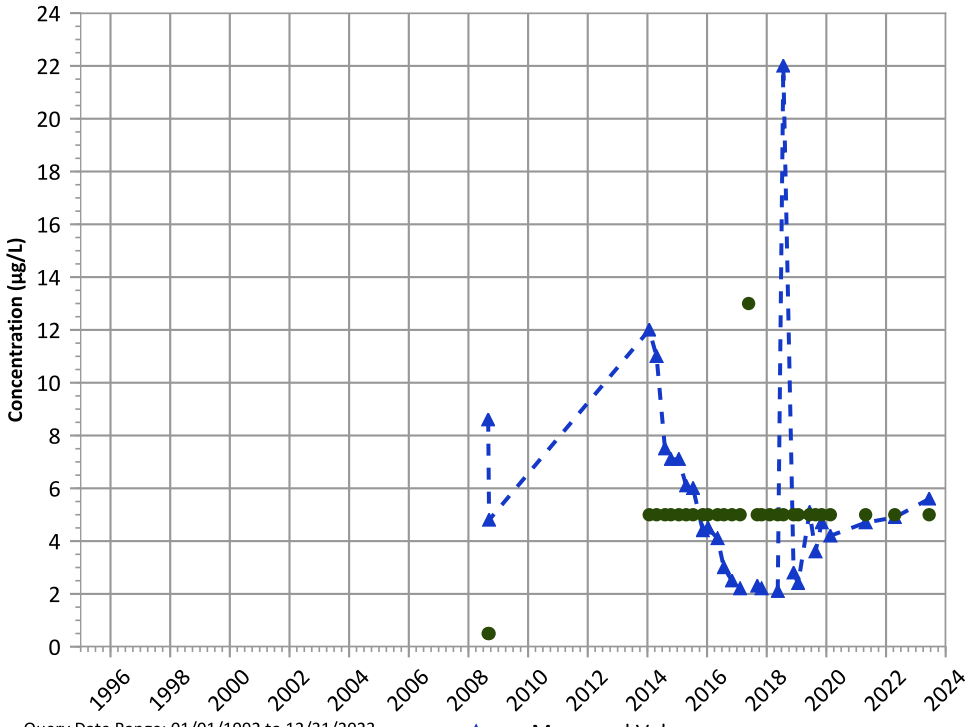


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Molybdenum Trend



Concentration Trend

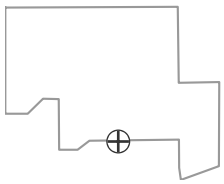
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

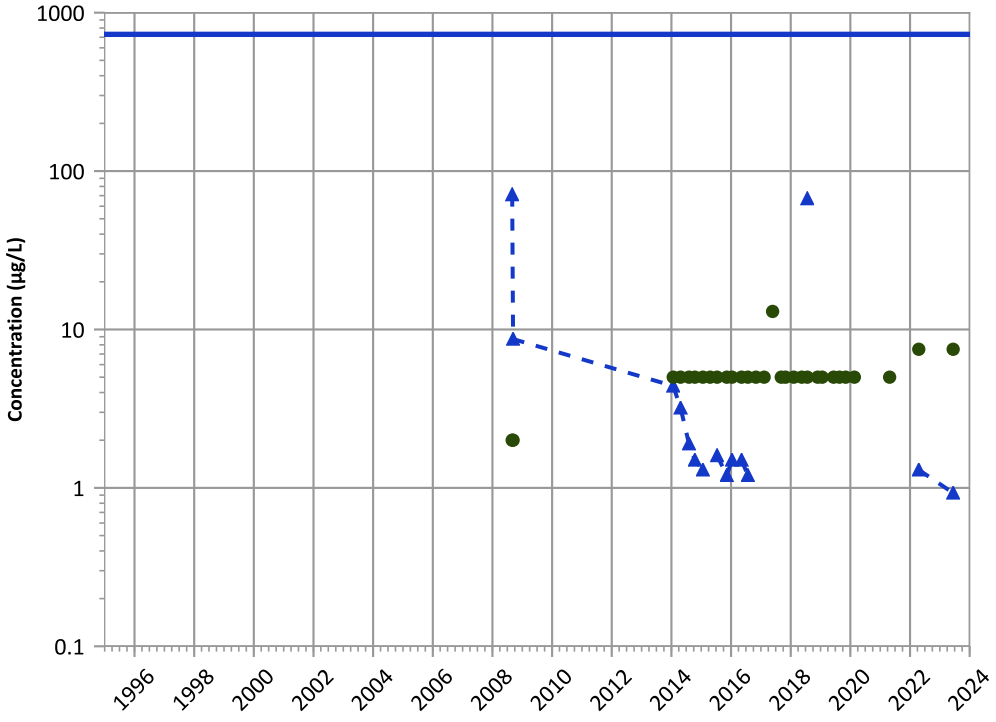
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

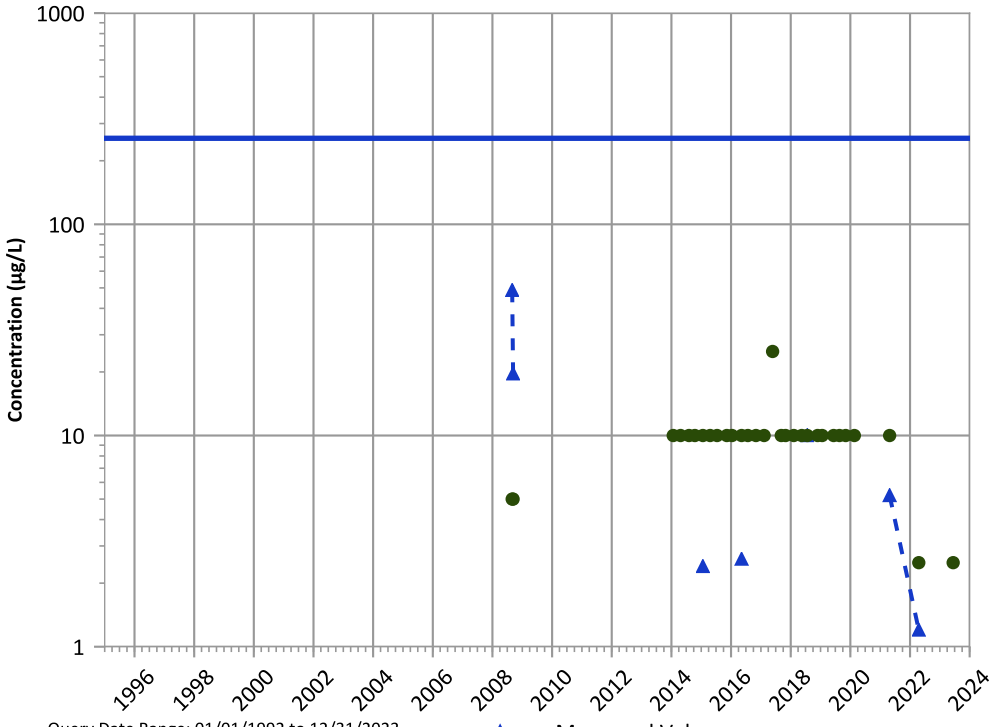


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

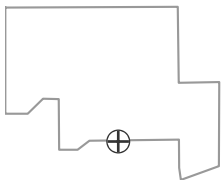
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

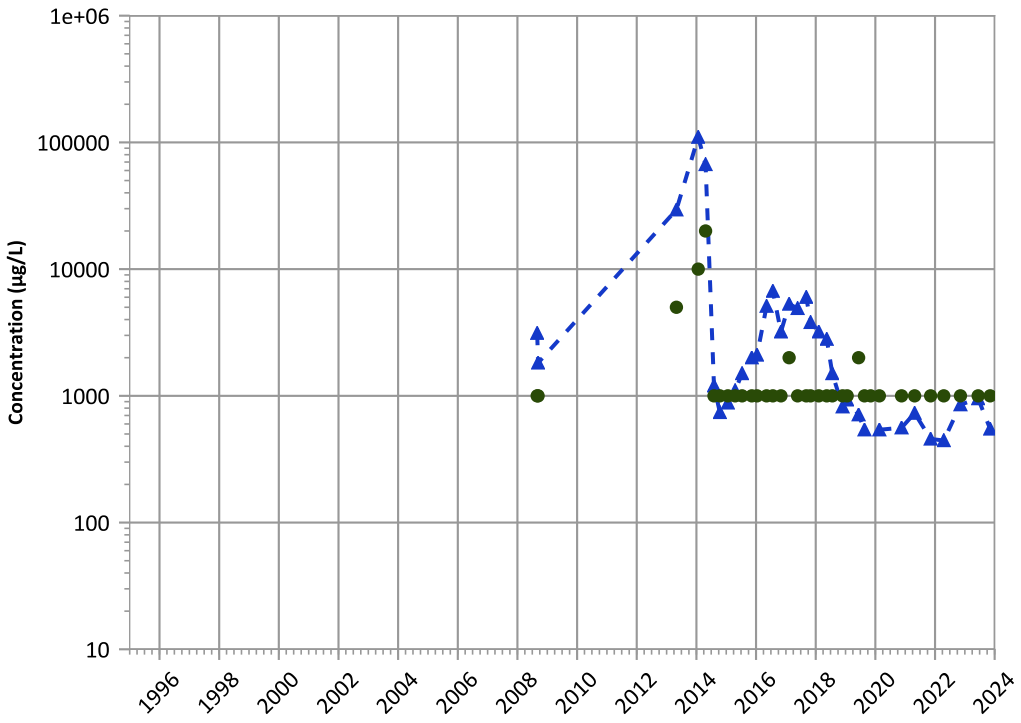
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

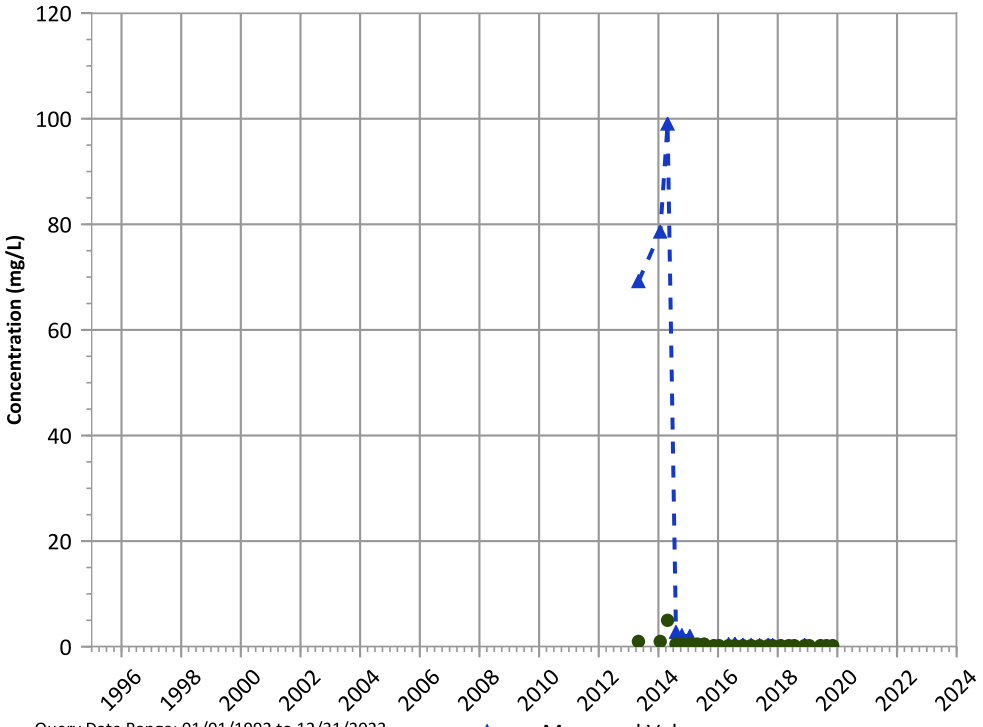


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

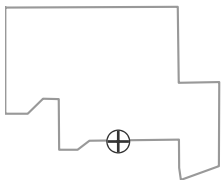
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

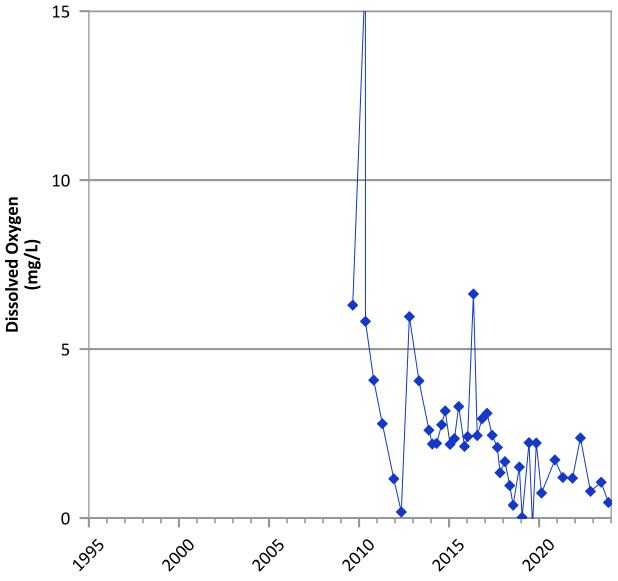
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

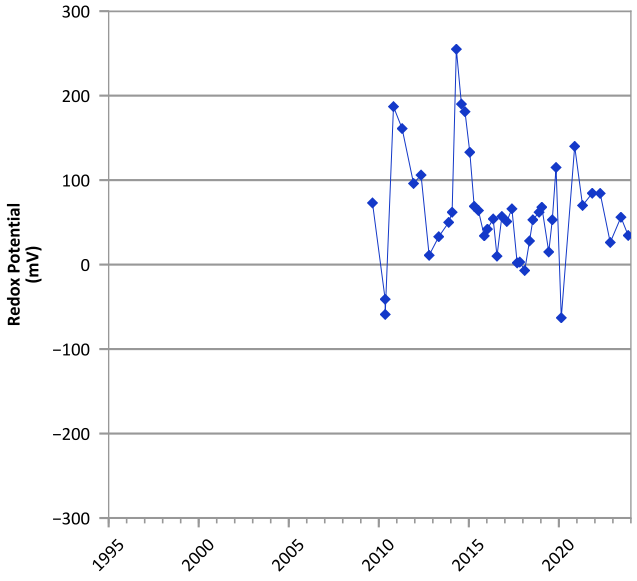
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

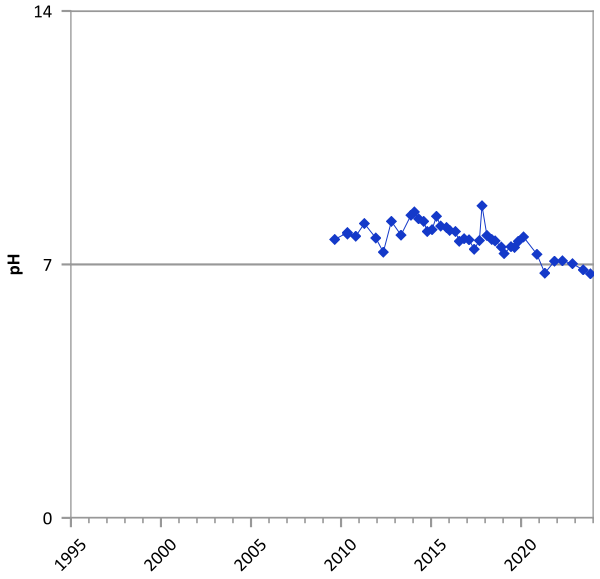
Well Location

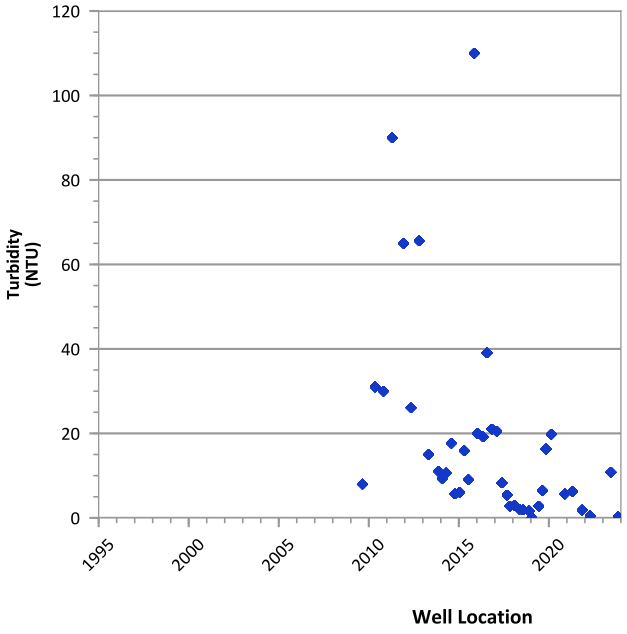


PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

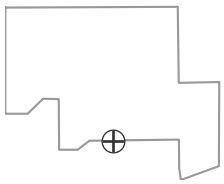






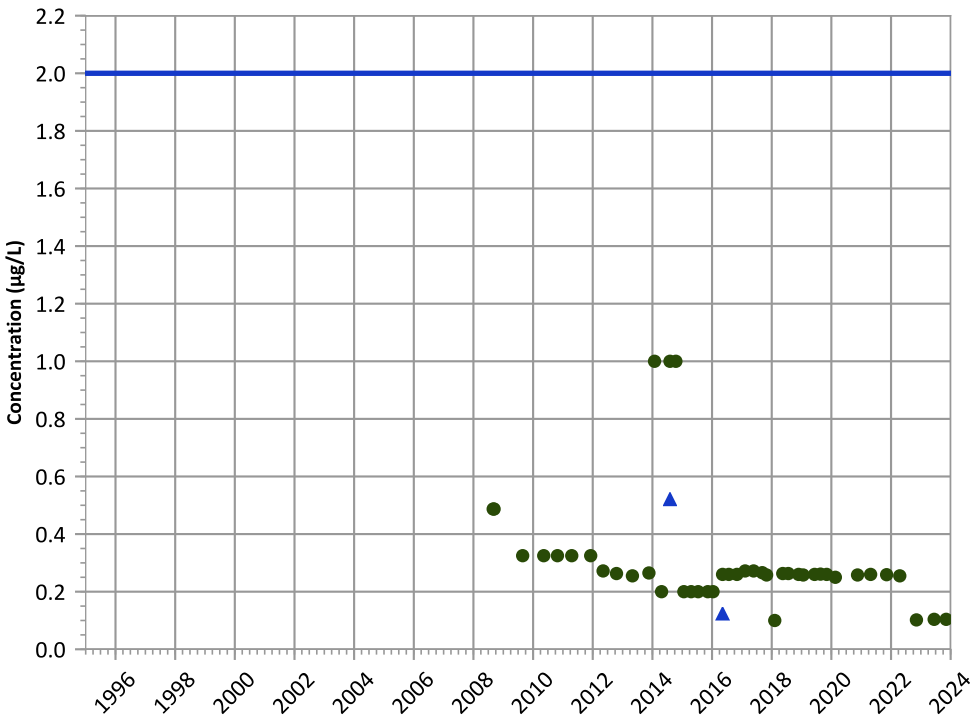


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

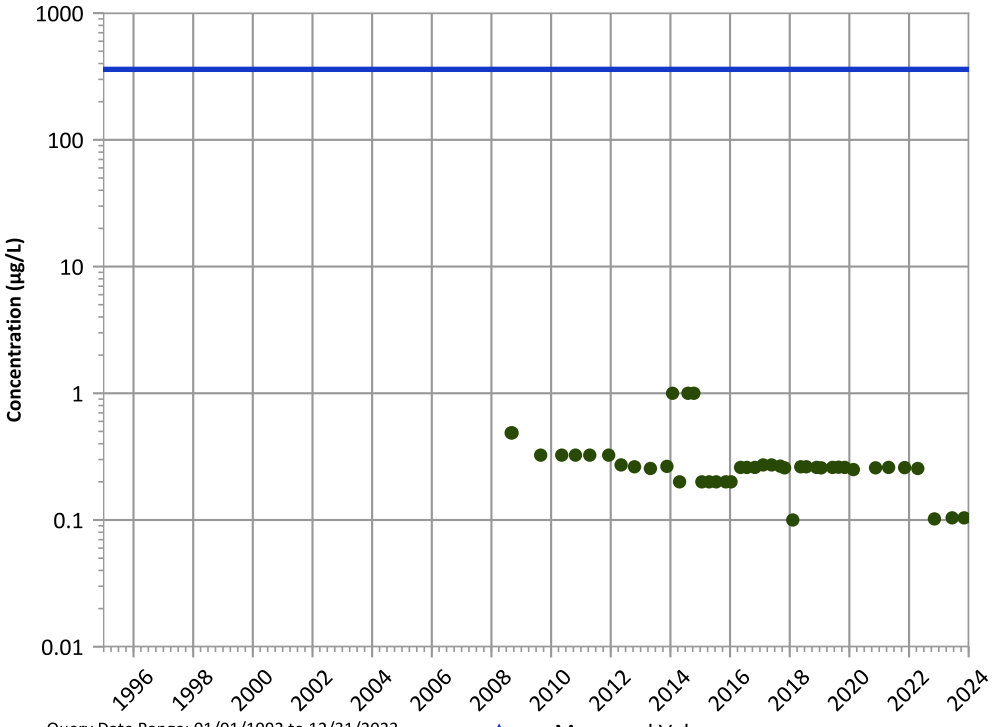


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

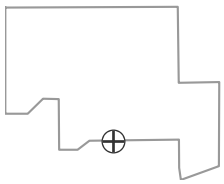
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

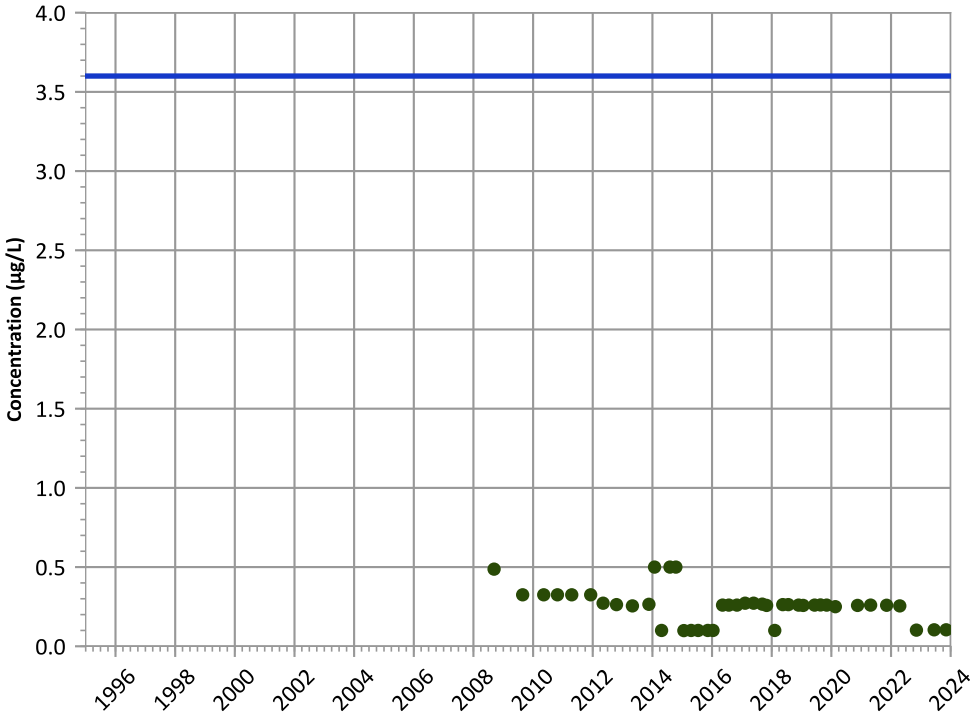
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

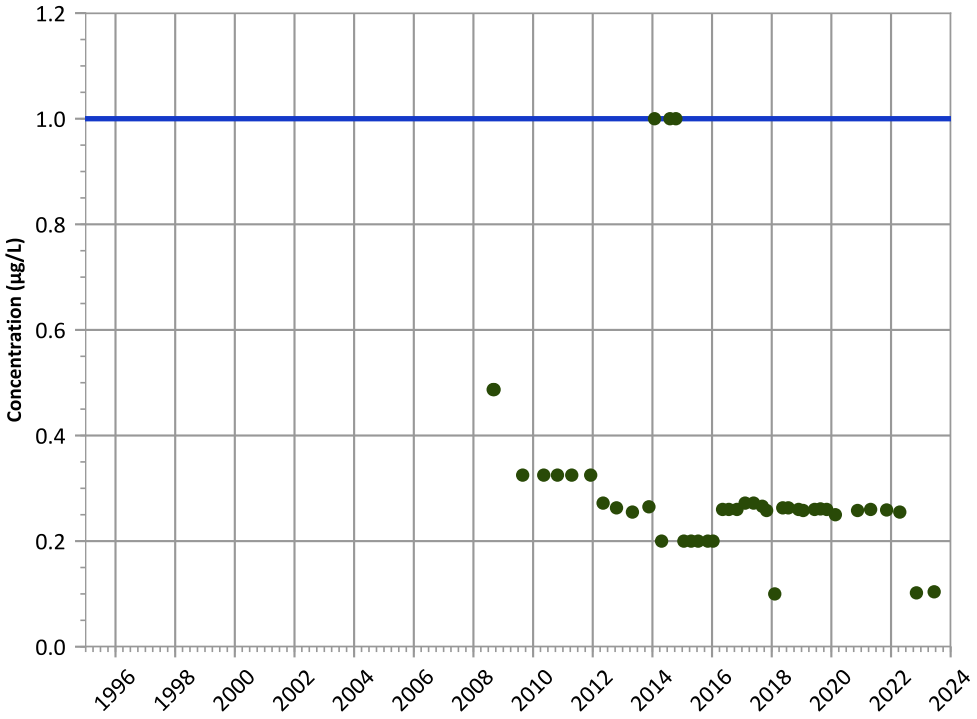


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

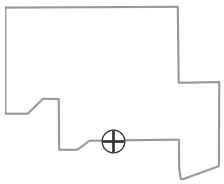
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

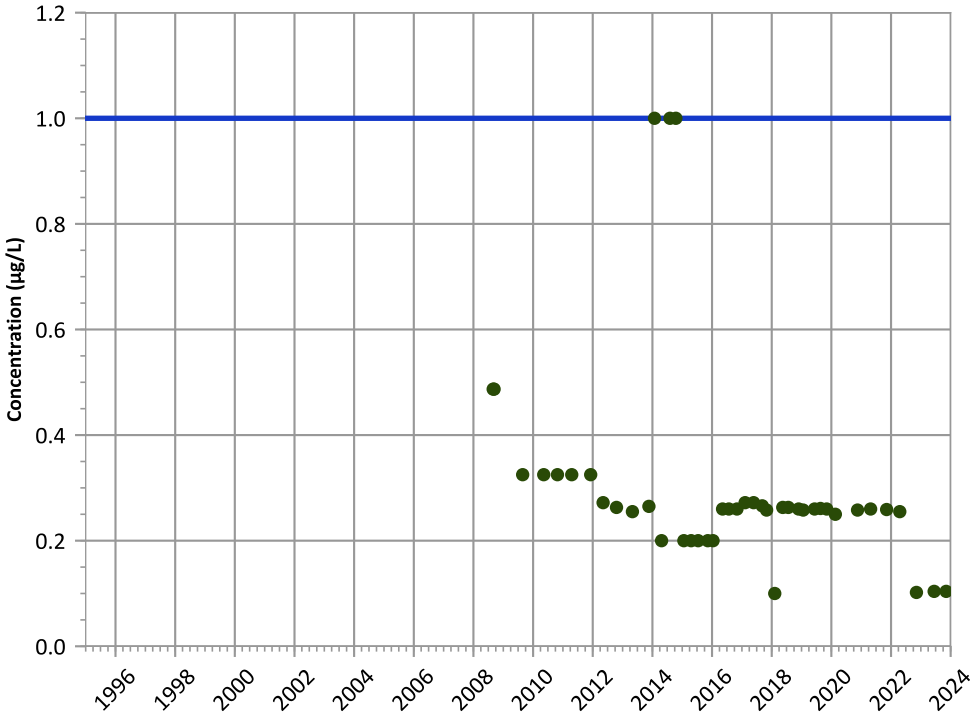
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

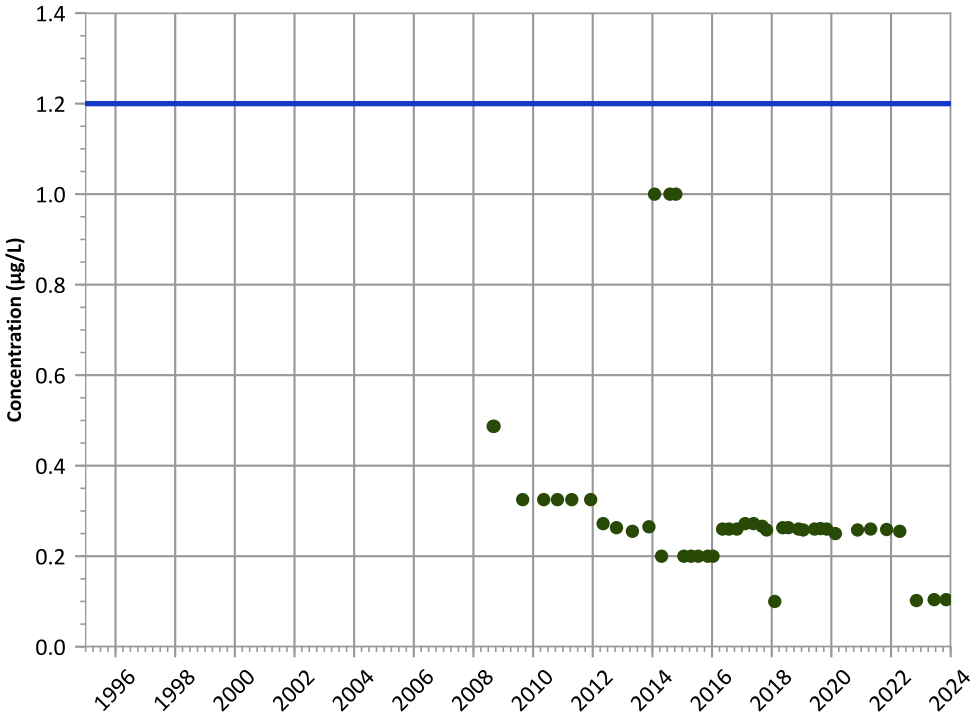


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

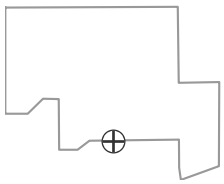
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

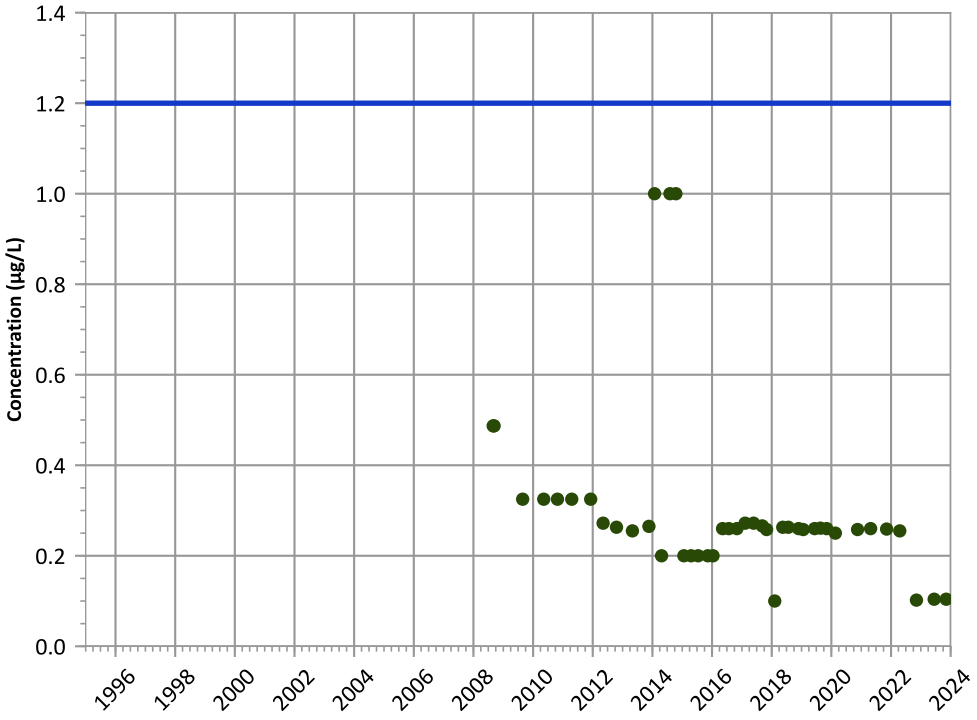
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

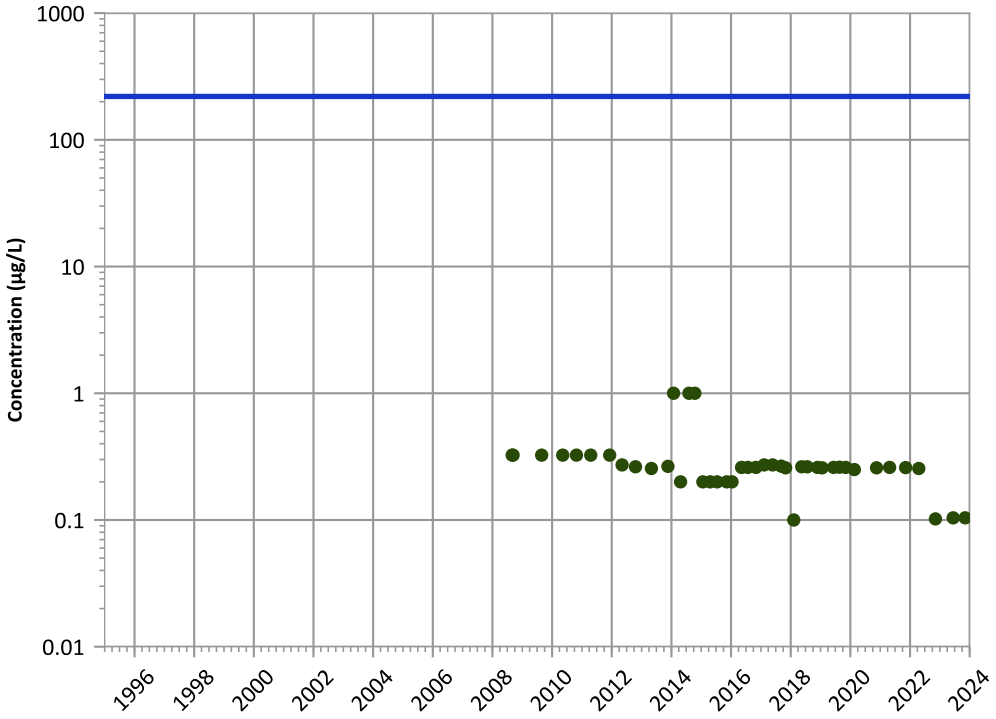


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

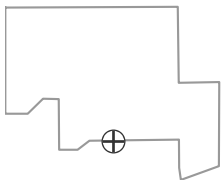
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

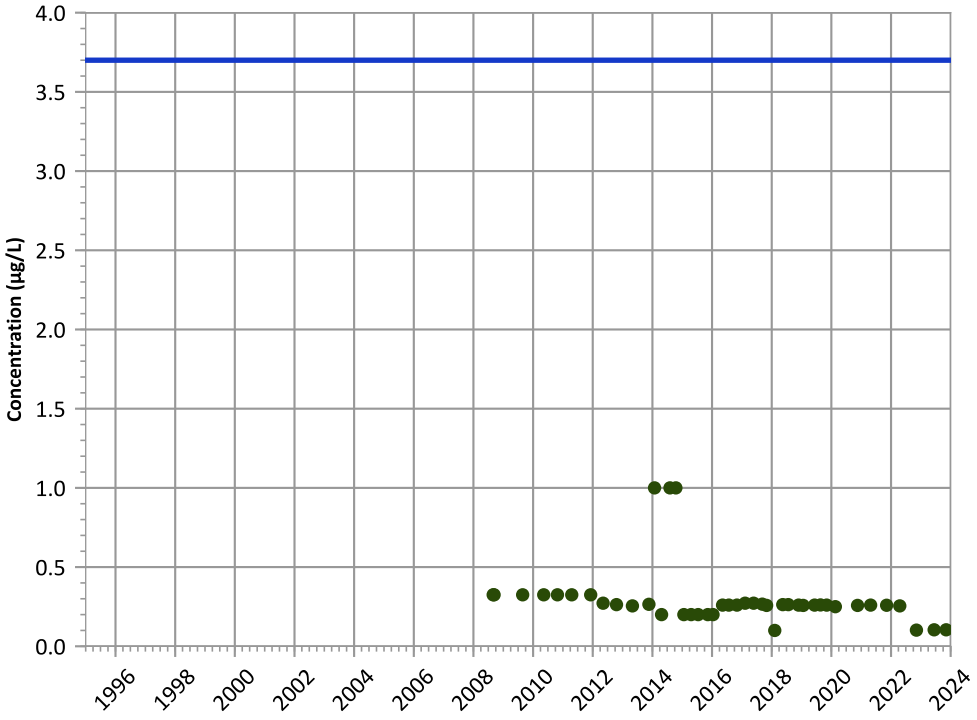
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

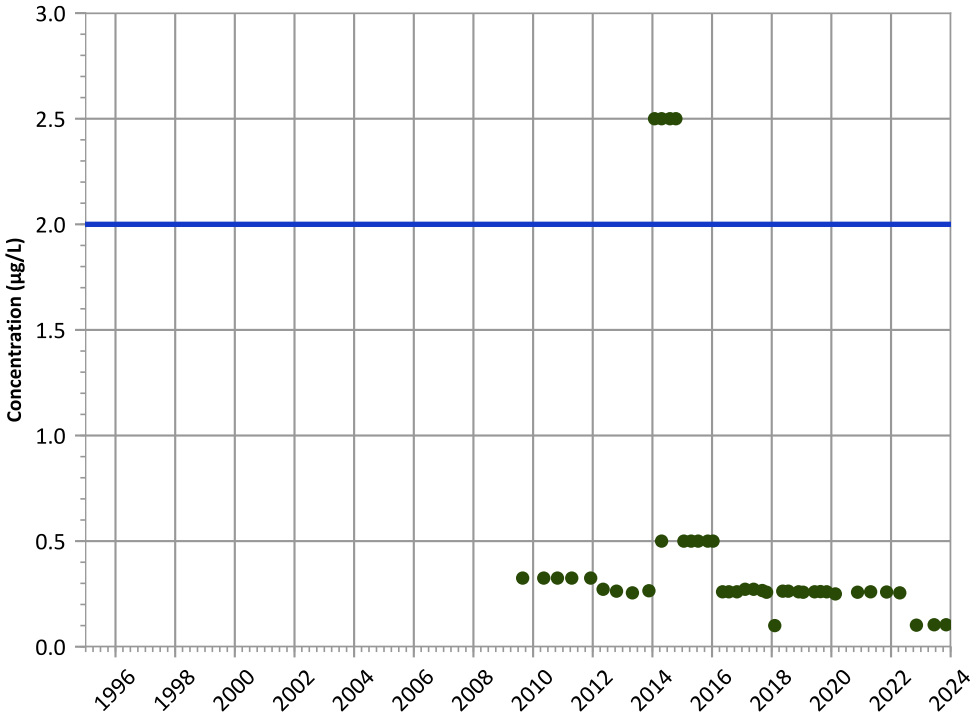


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

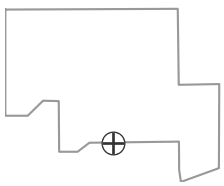
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

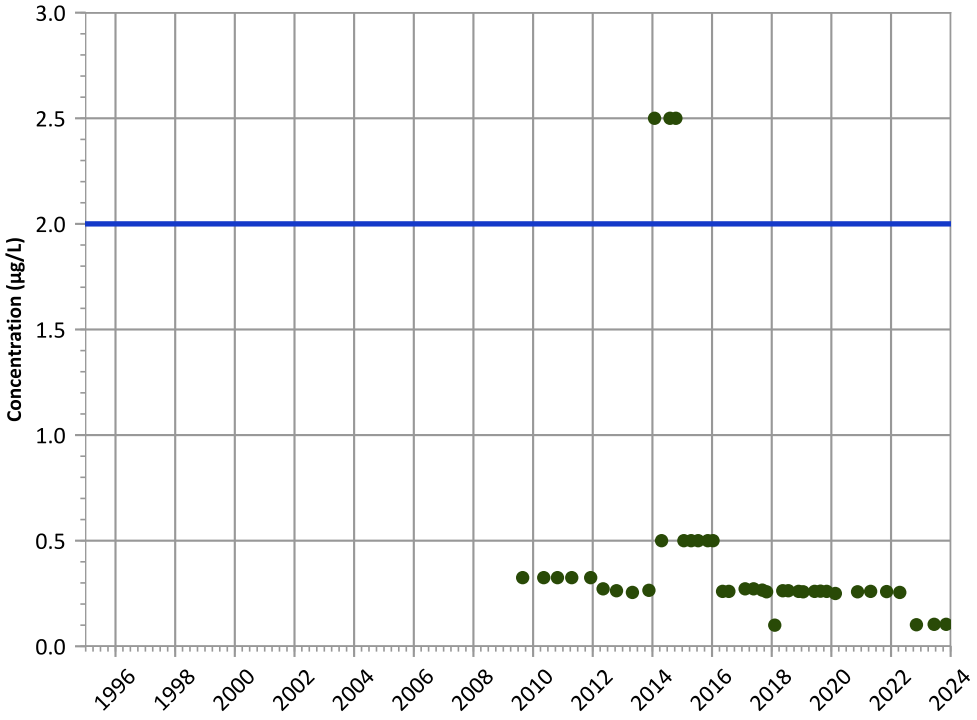
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

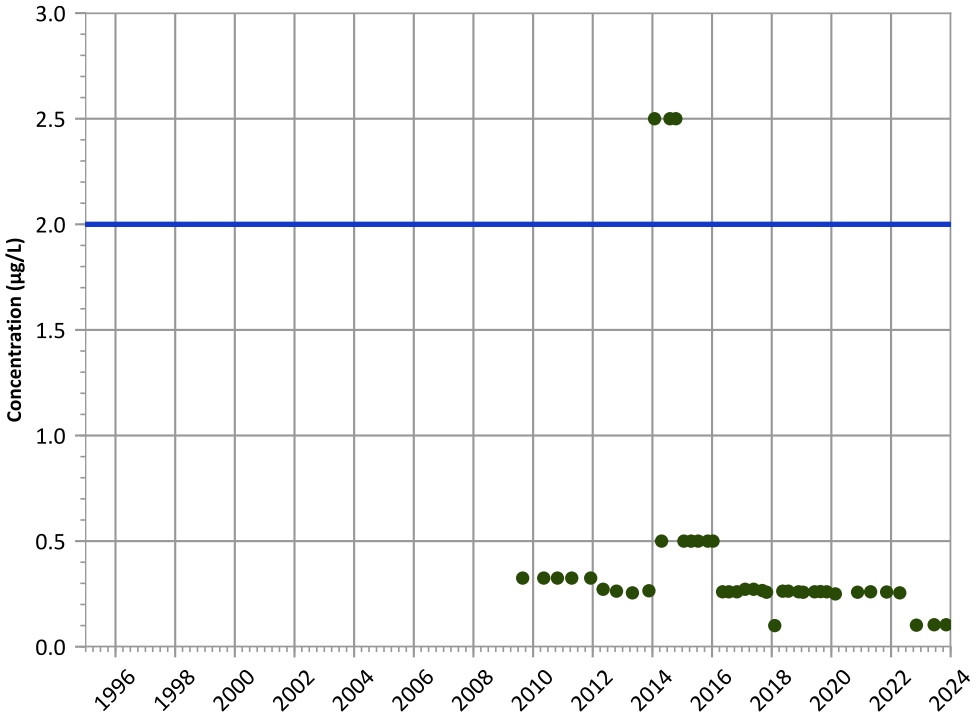


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

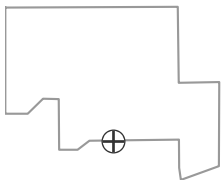
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

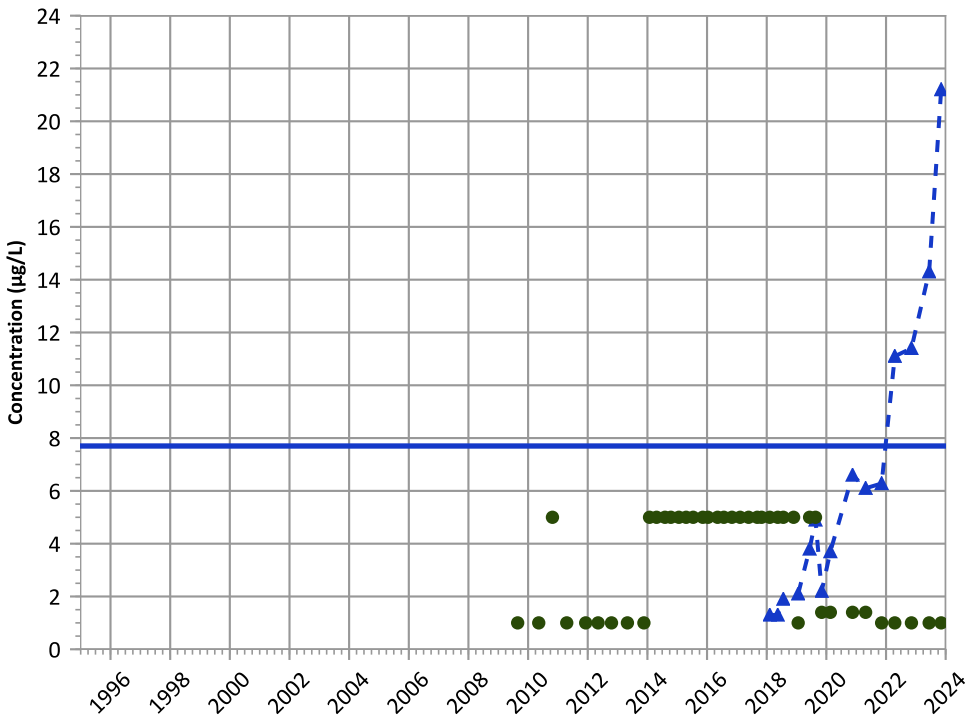
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

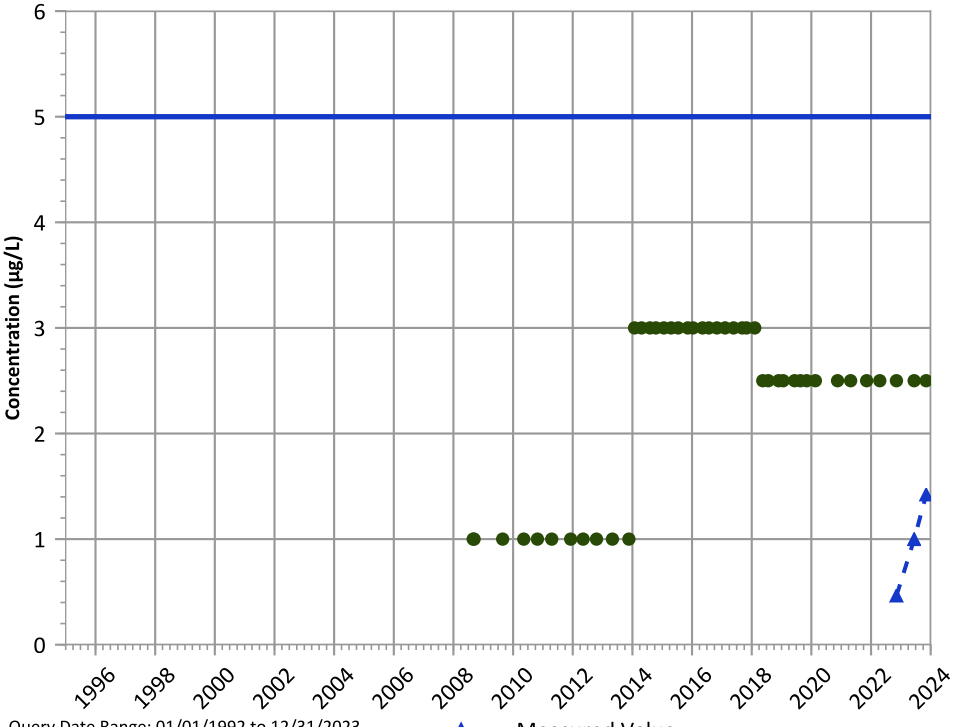


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Tetrachloroethylene (PCE) Trend

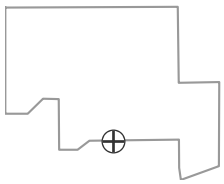


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

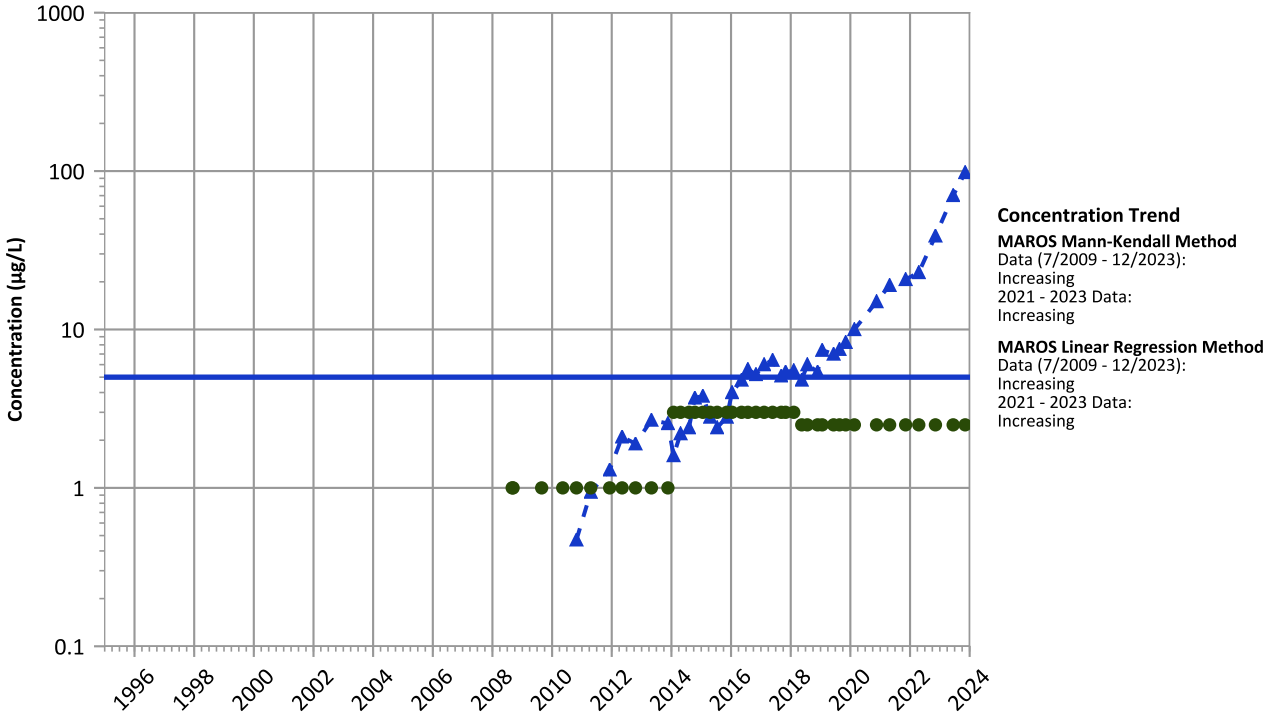


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

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

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

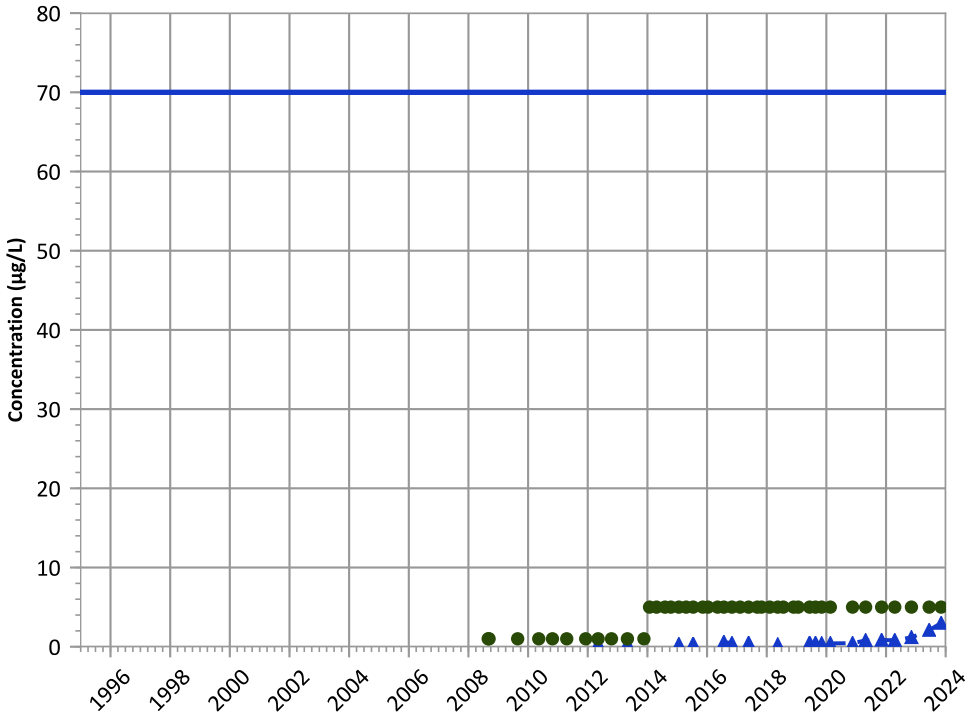


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

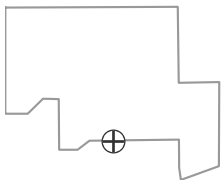
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

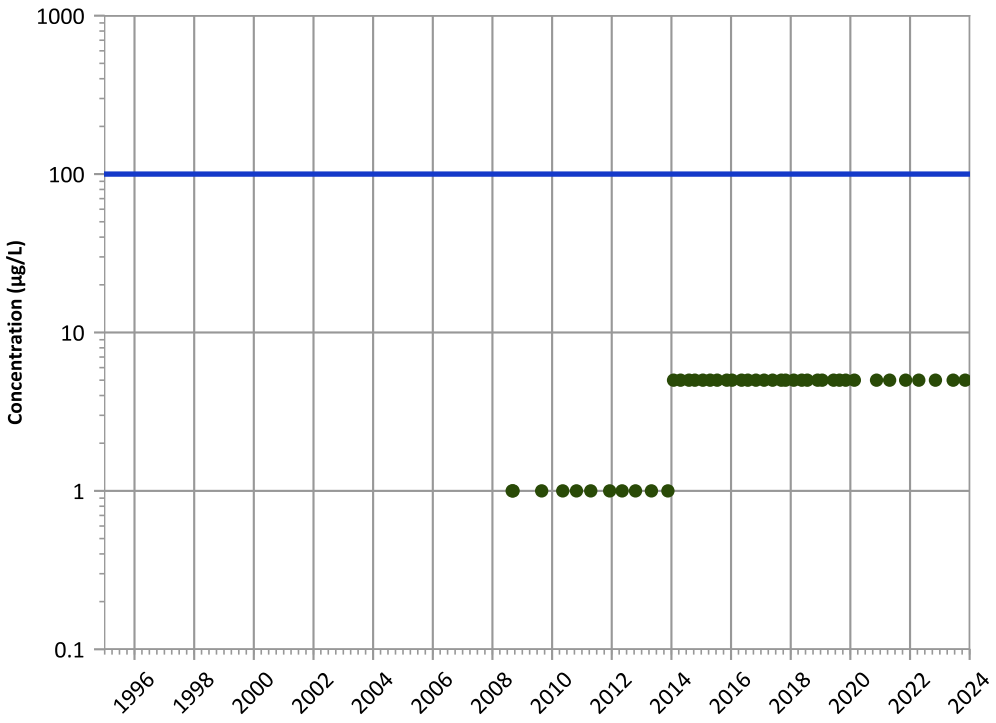
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

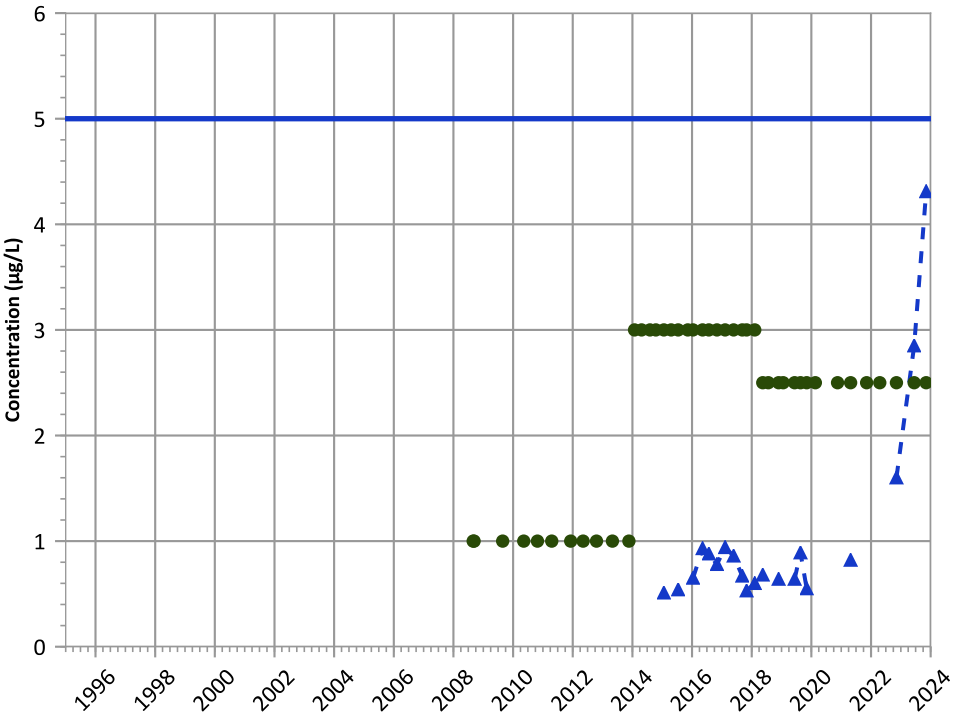


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

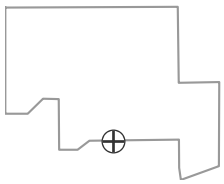
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

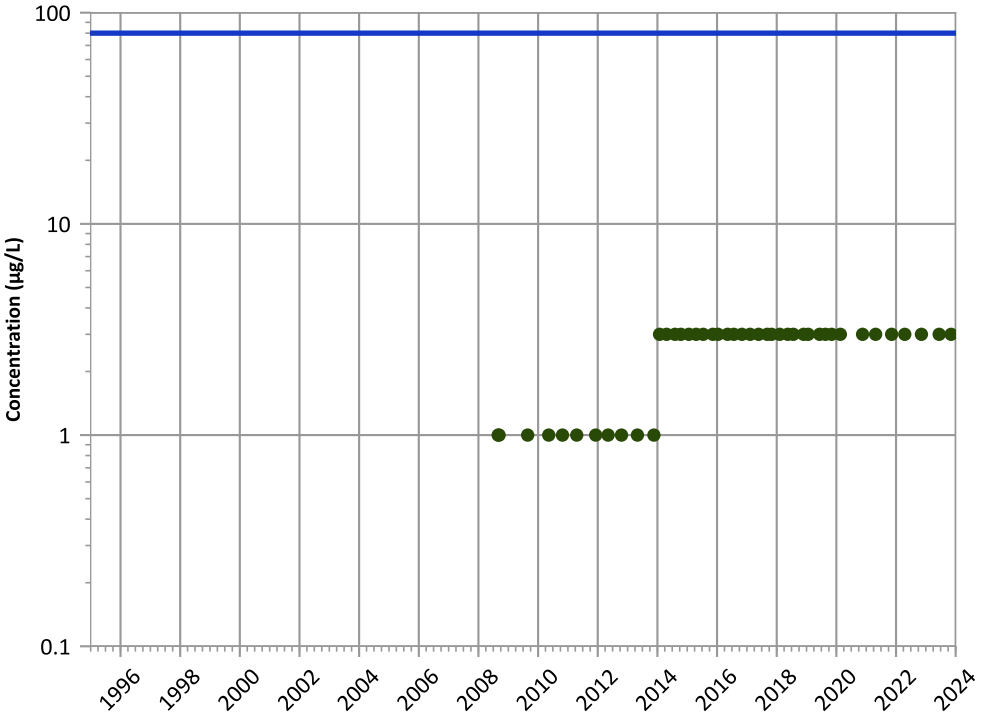
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

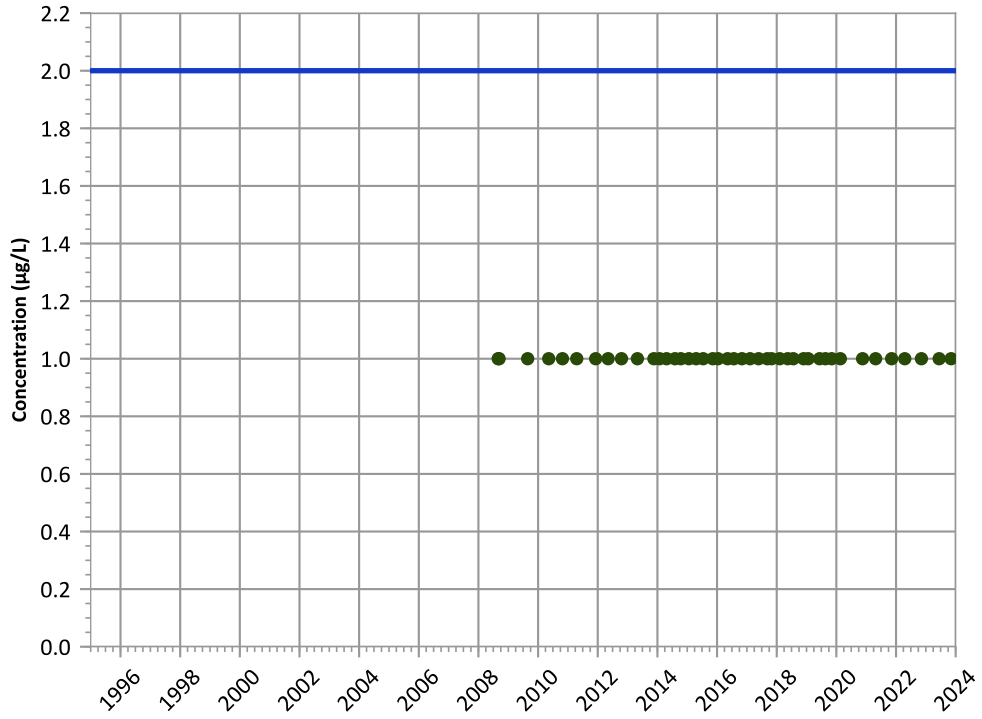


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

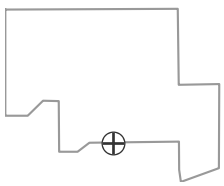
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

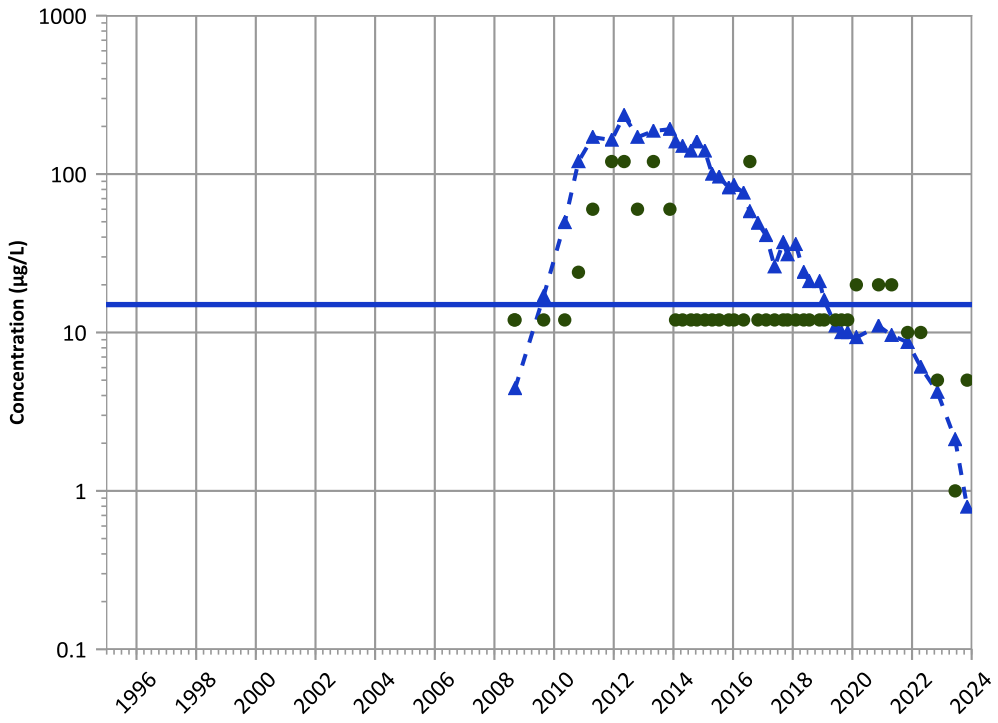
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

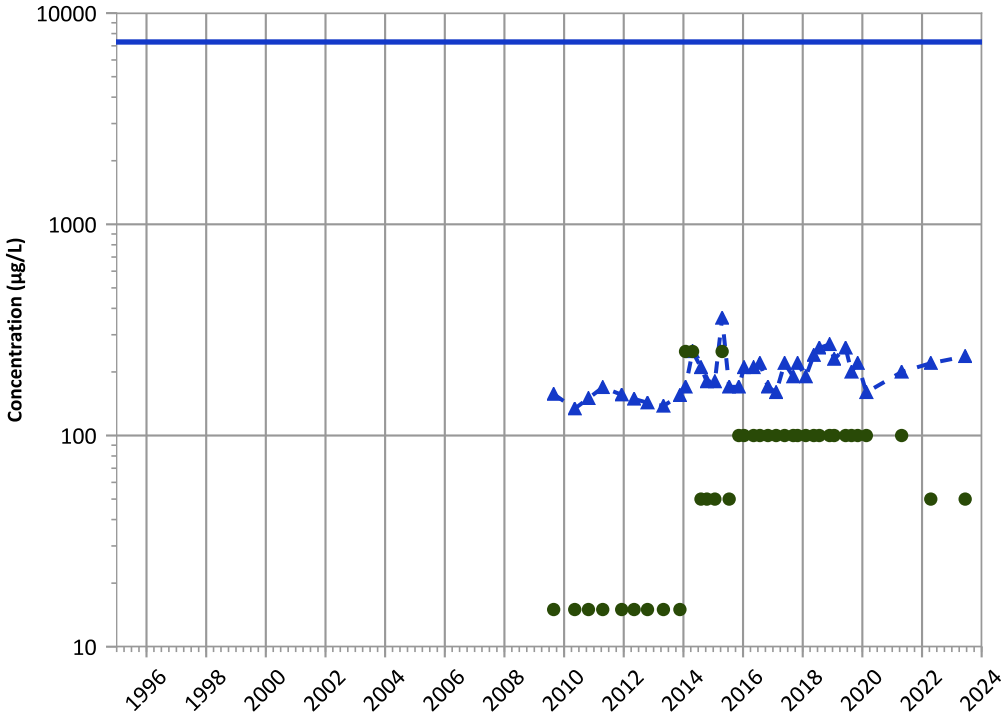


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Decreasing
2021 - 2023 Data: Decreasing

Boron Trend



Concentration Trend

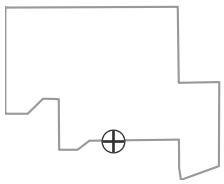
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

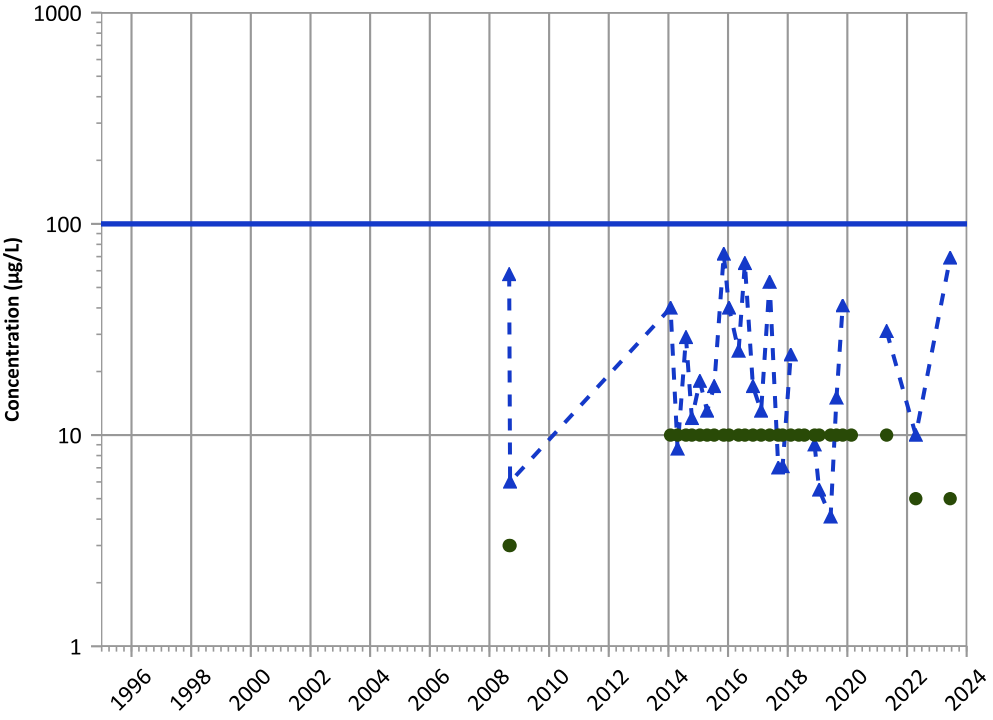
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

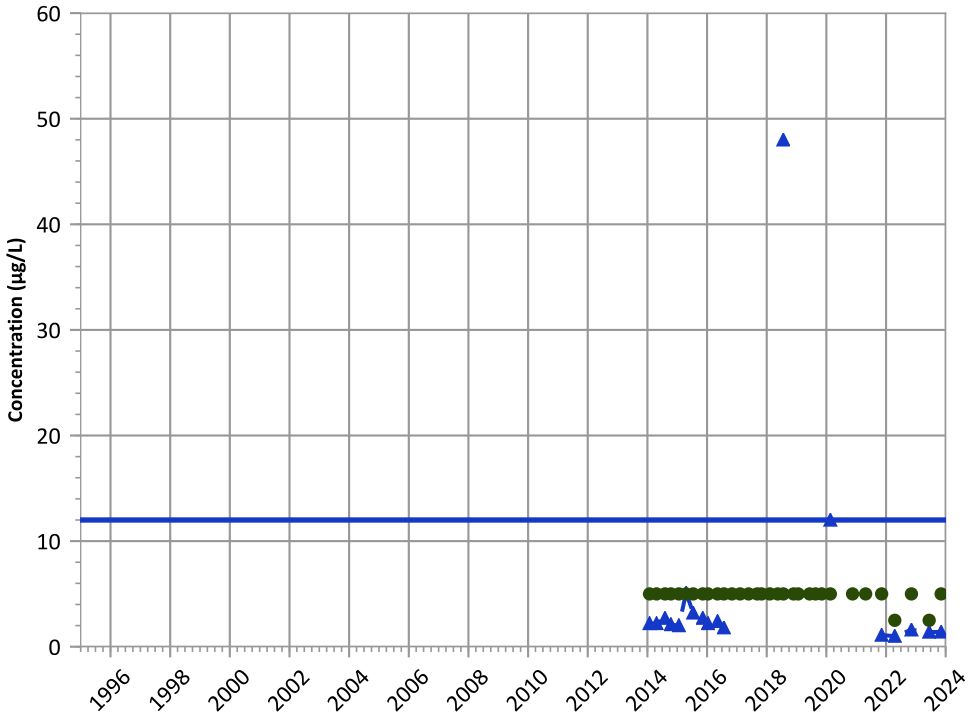


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Arsenic Trend



Concentration Trend

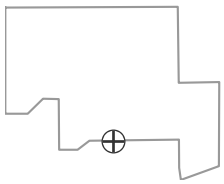
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

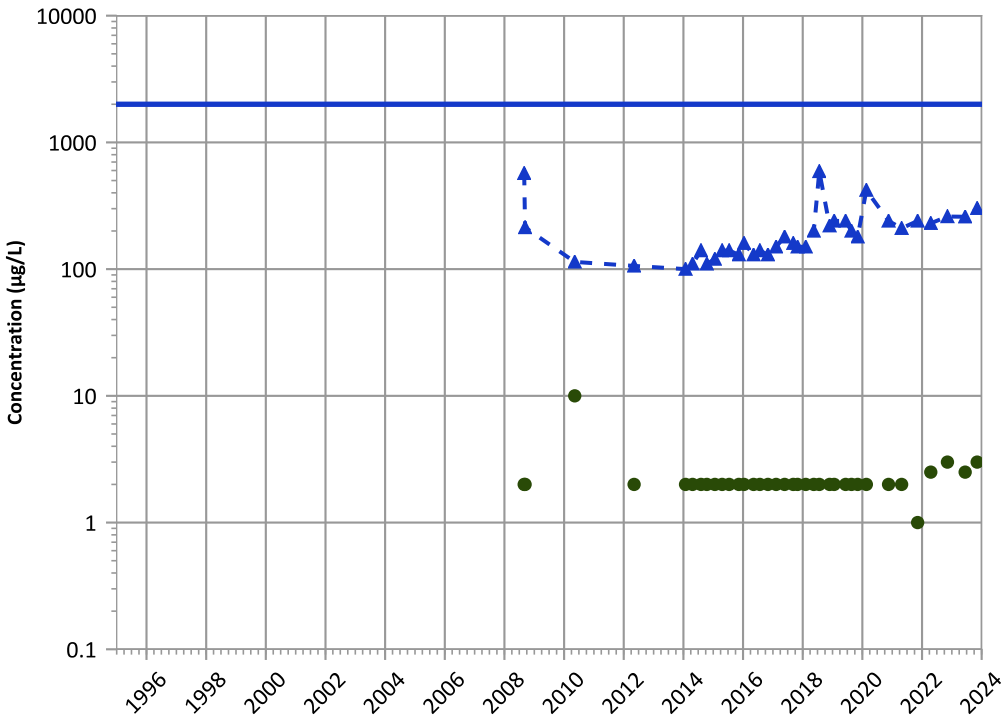
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

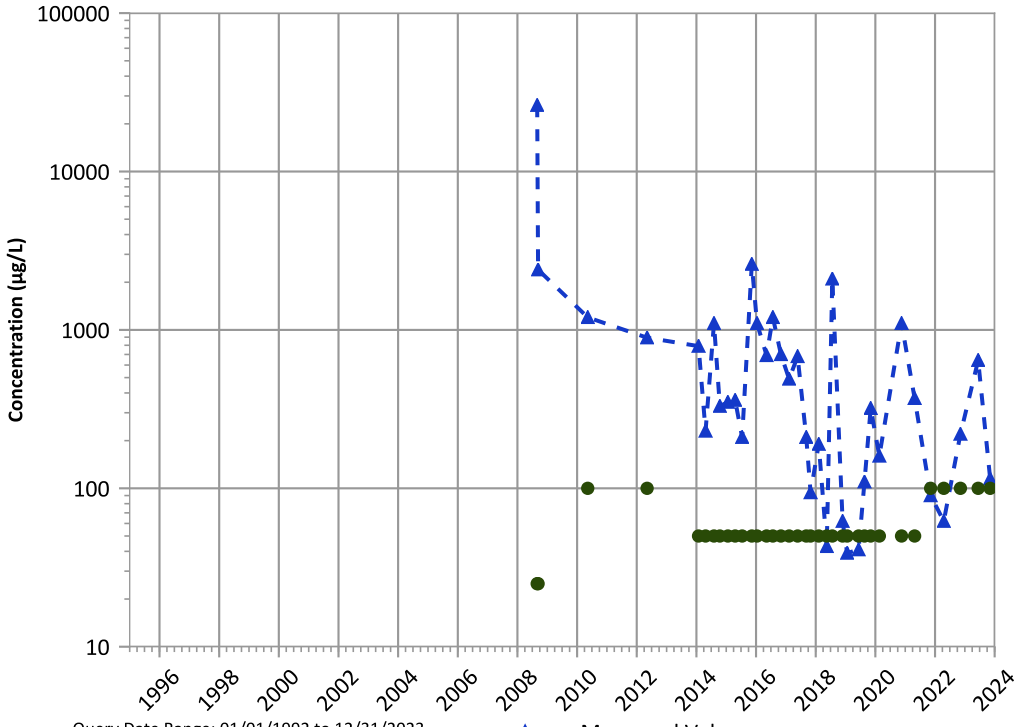


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Iron Trend



Concentration Trend

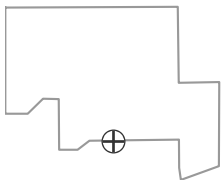
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

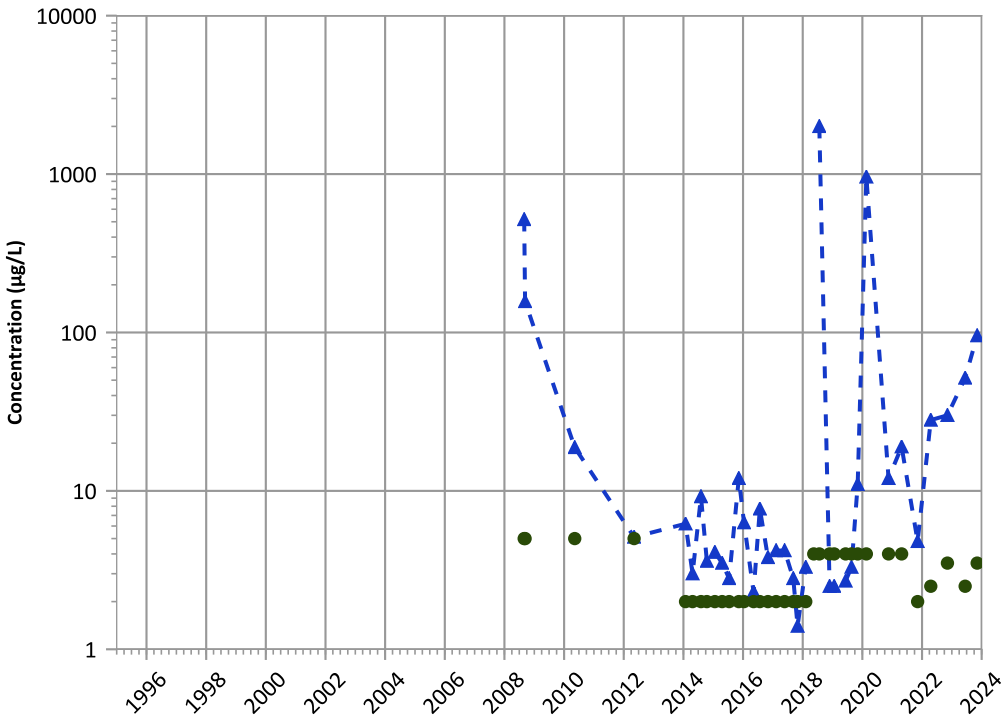
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

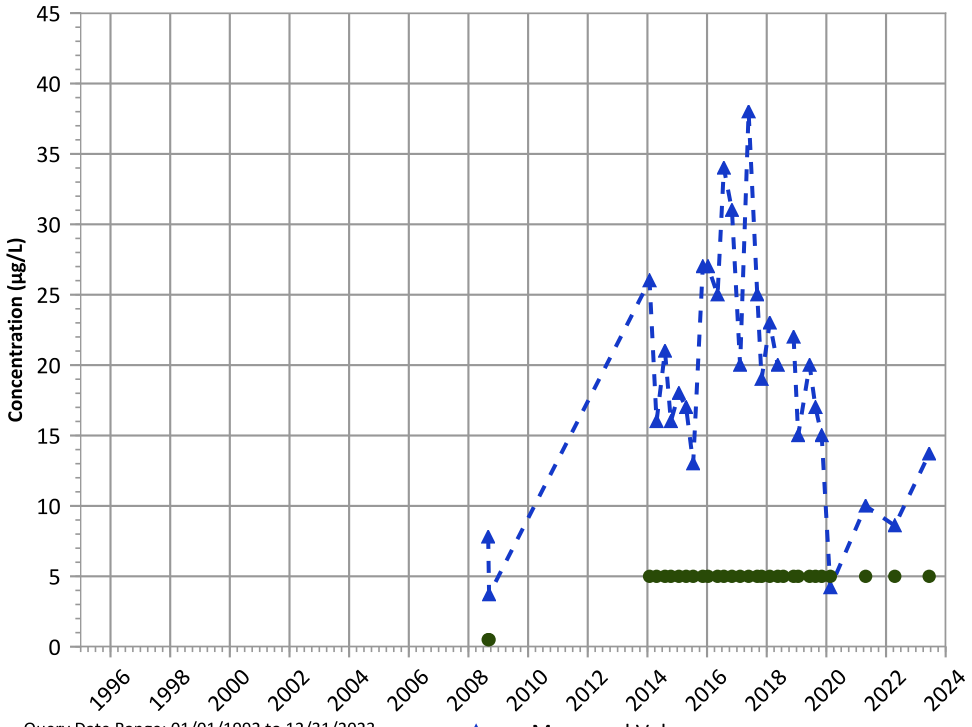


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Molybdenum Trend



Concentration Trend

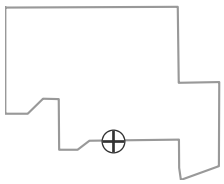
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

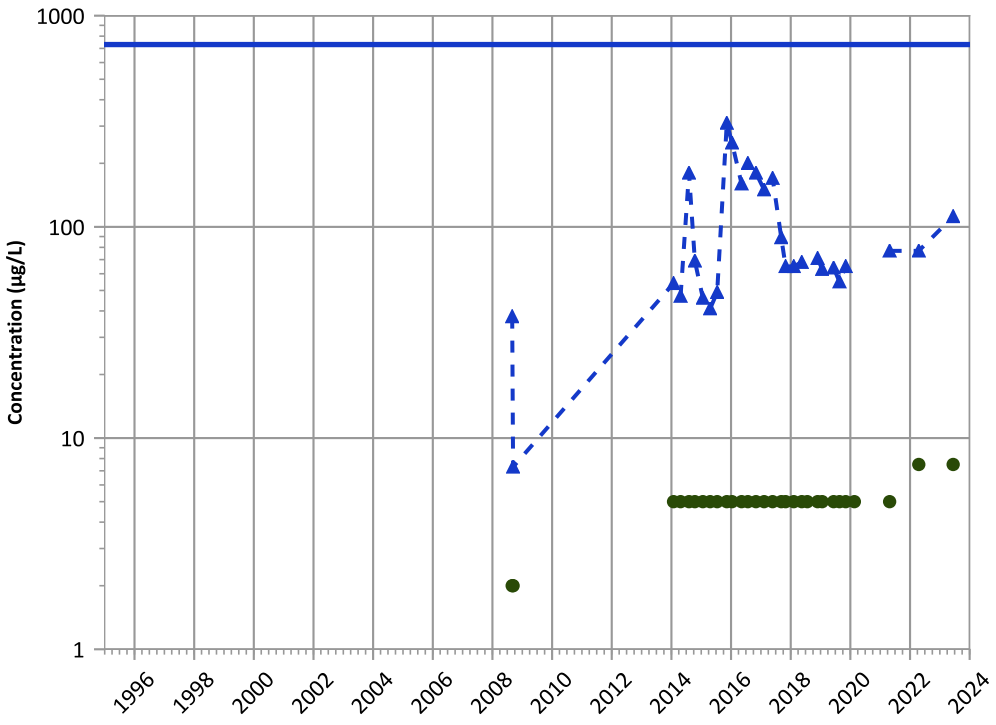
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

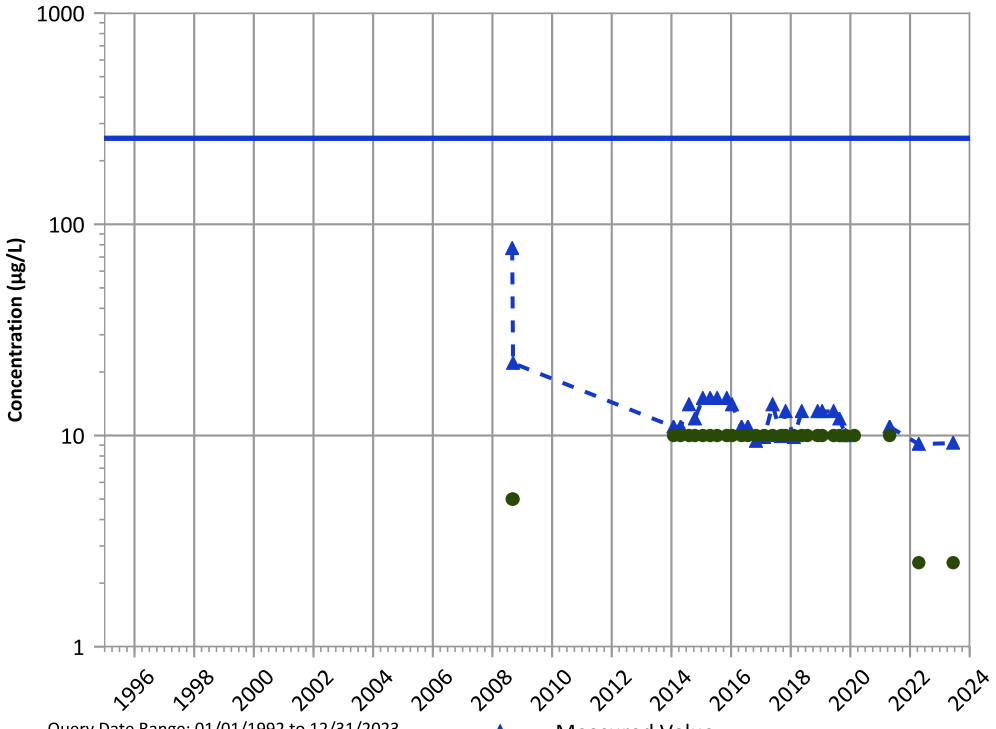


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

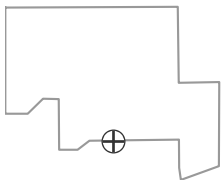
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

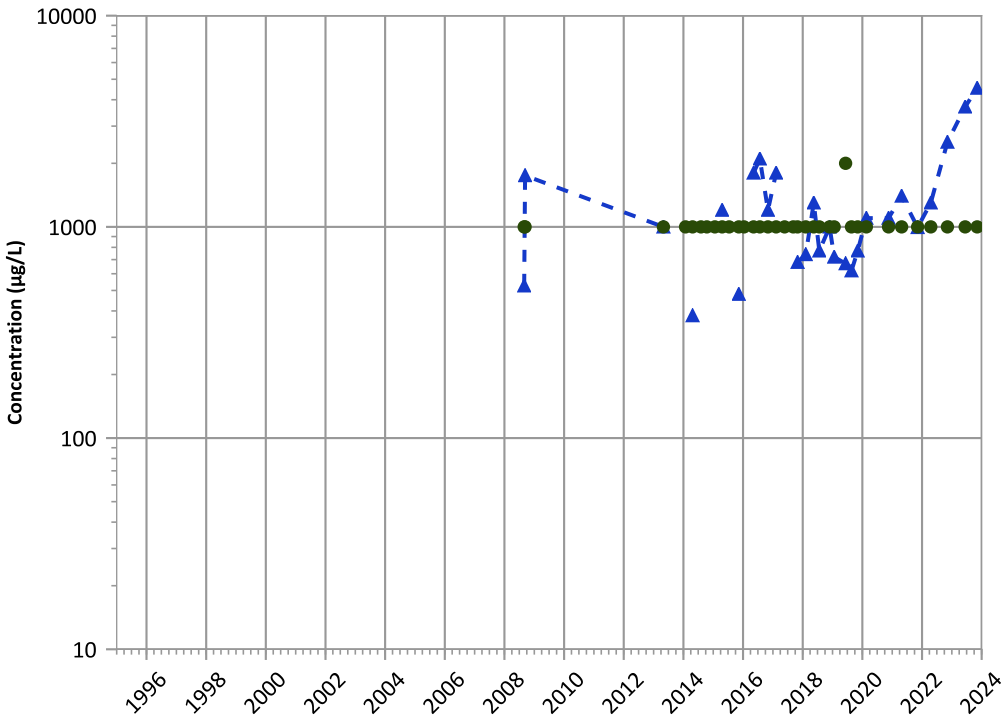
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

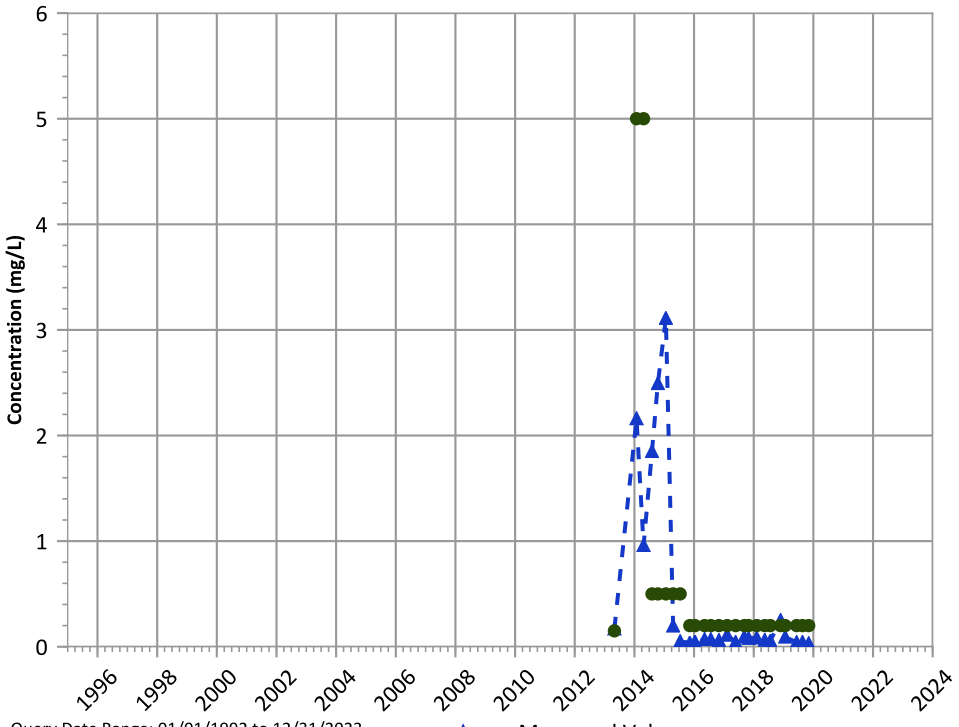


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

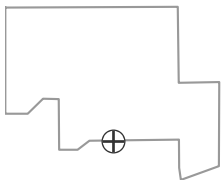
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

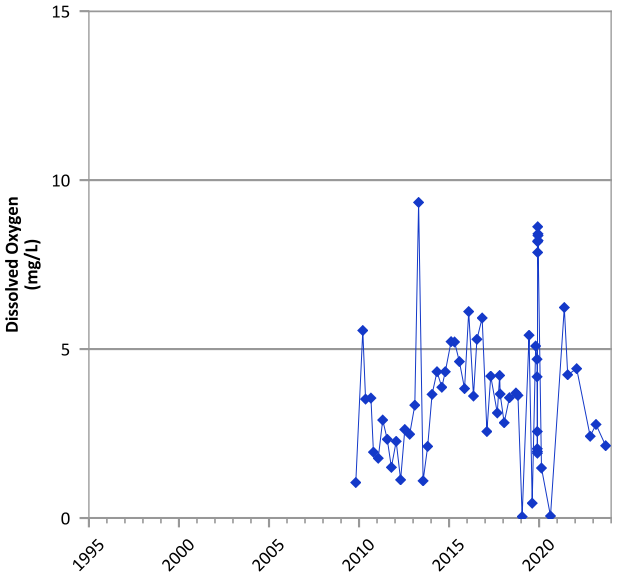
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/30/2008 to 11/07/2023
Analysis Date: 04/01/2024

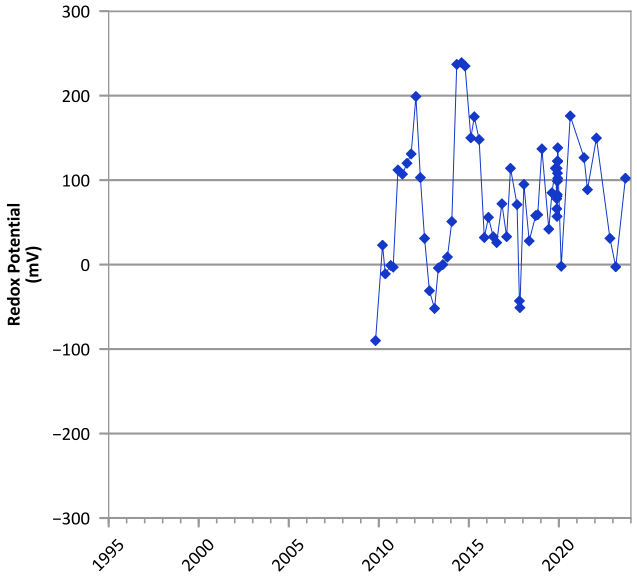
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

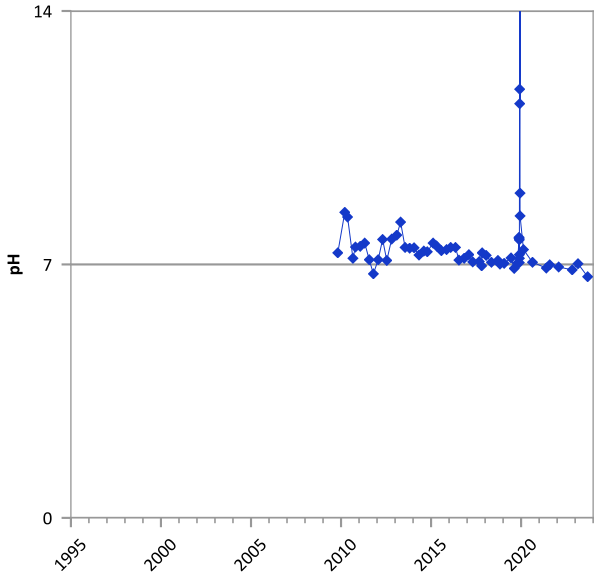
Well Location

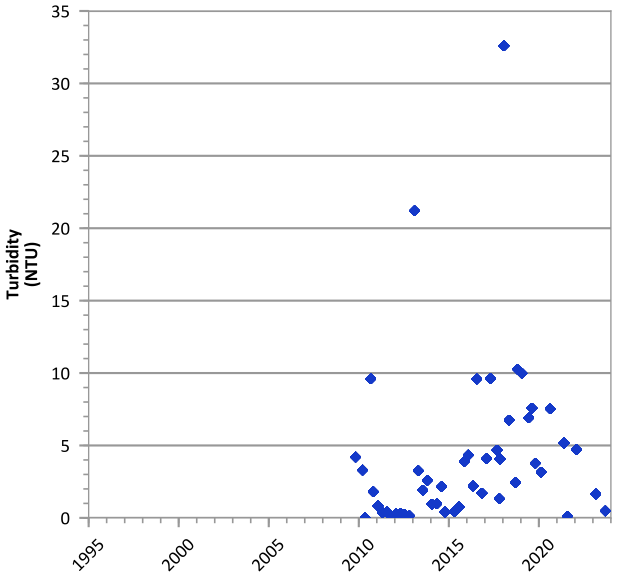


PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

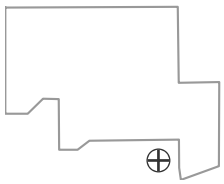






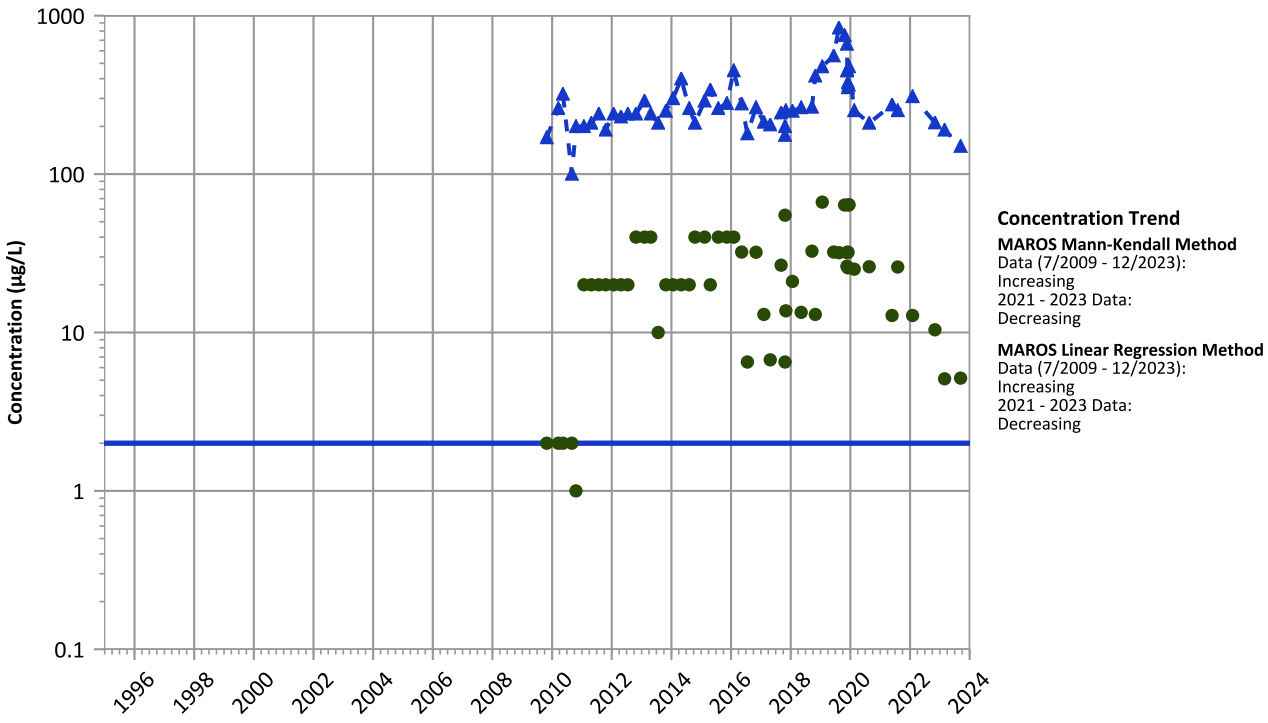


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

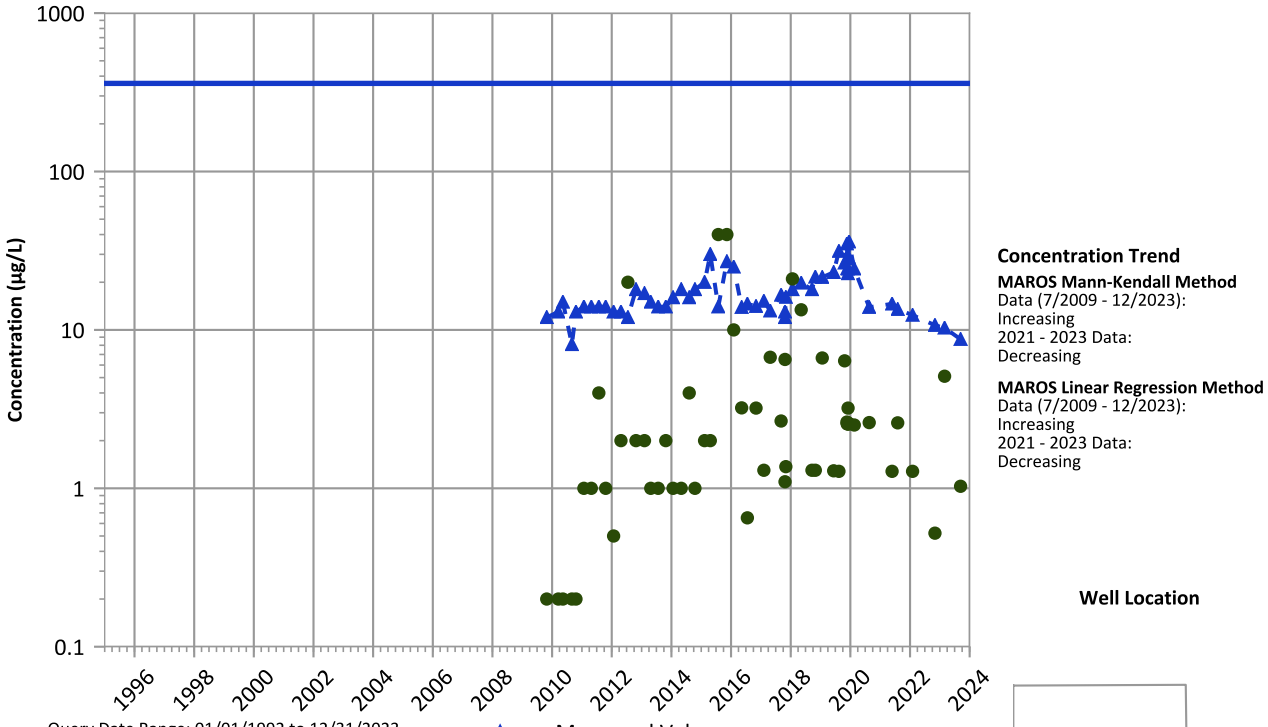


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Decreasing

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



Concentration Trend

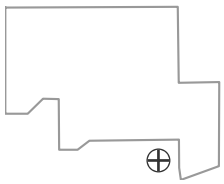
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023): Increasing
2021 - 2023 Data: Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

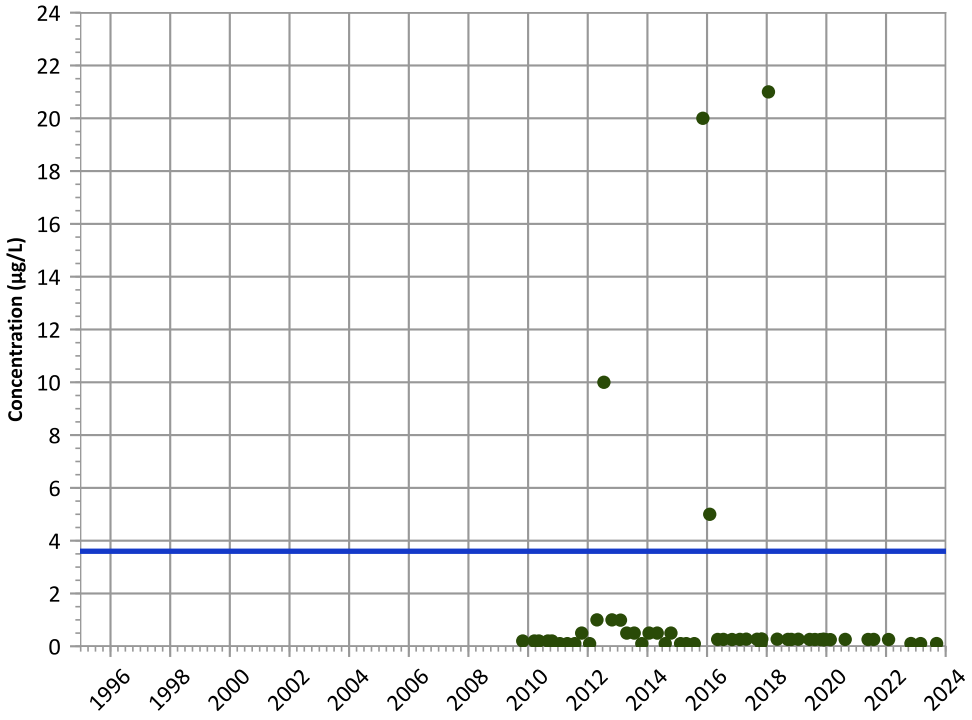
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

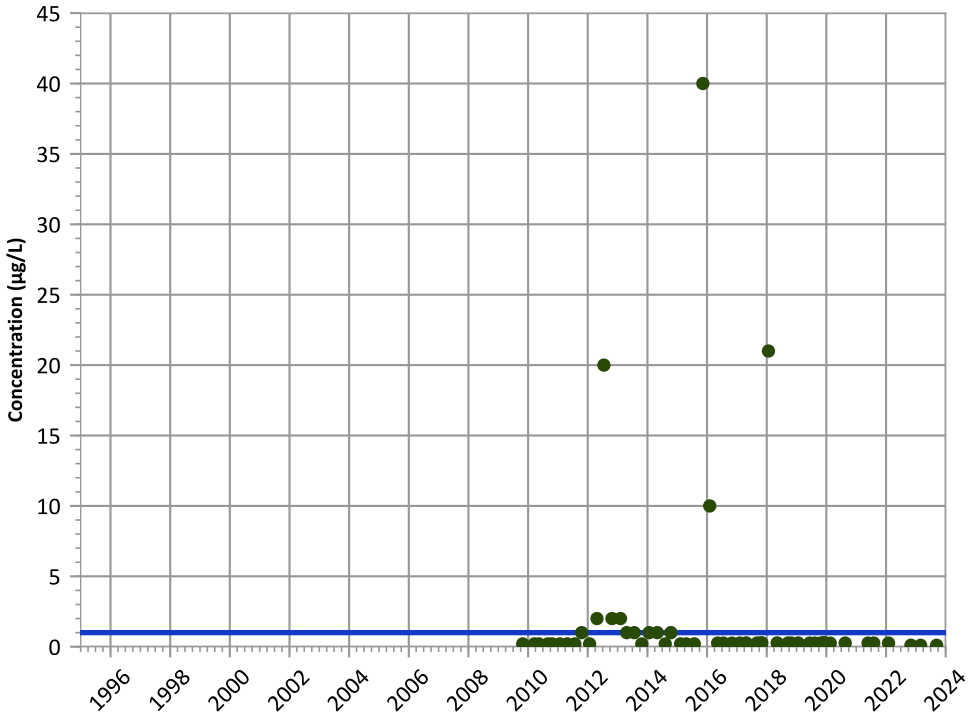


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

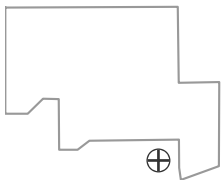
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

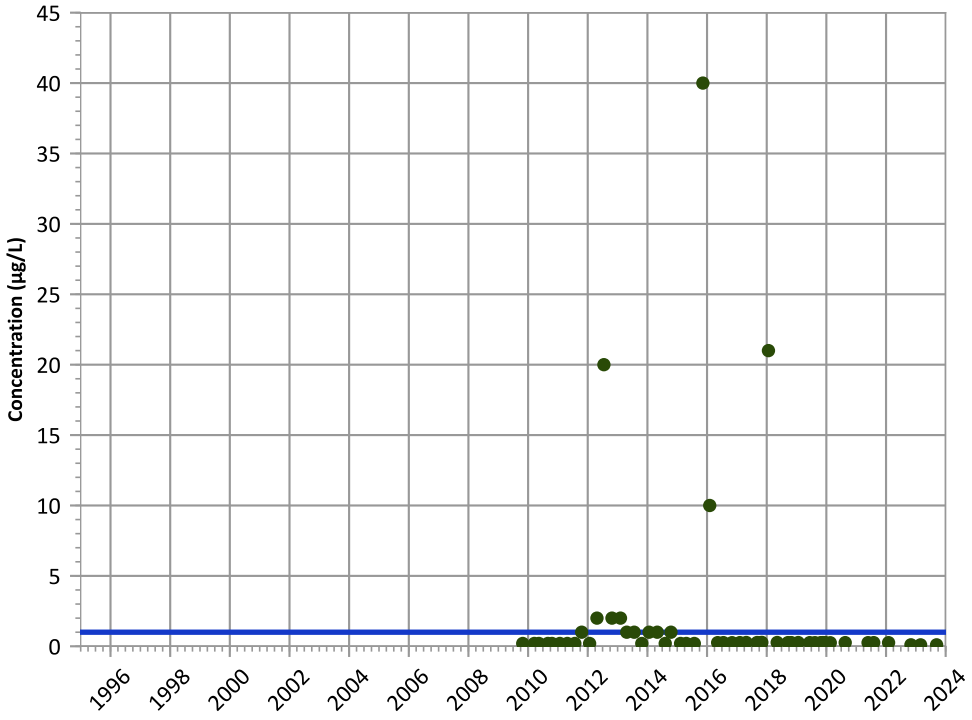
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

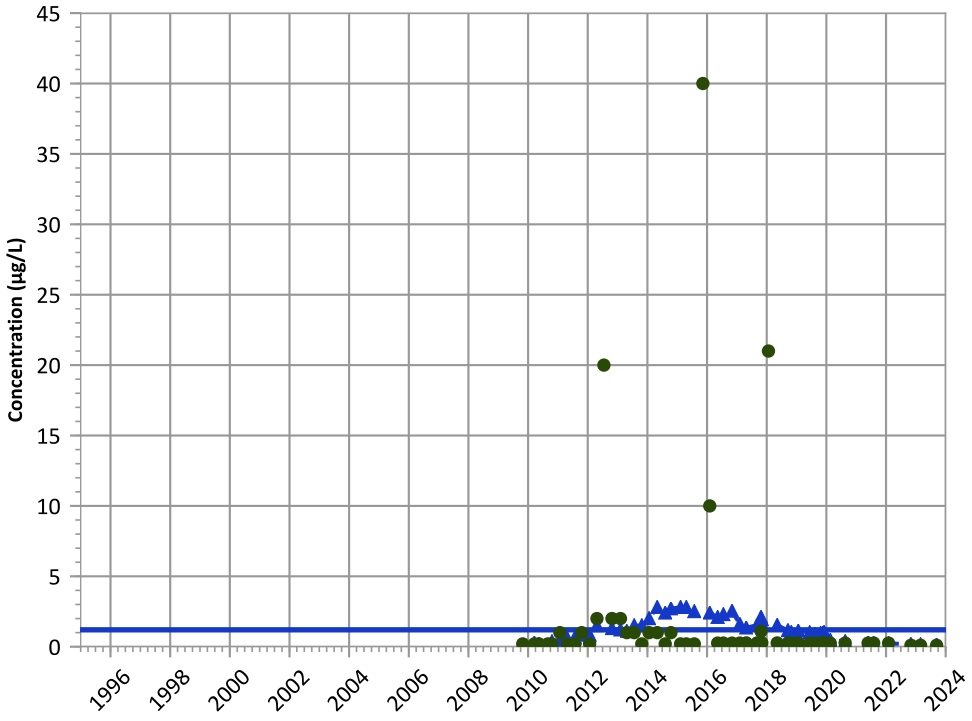


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

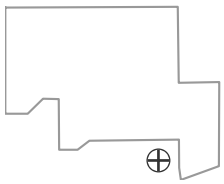
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

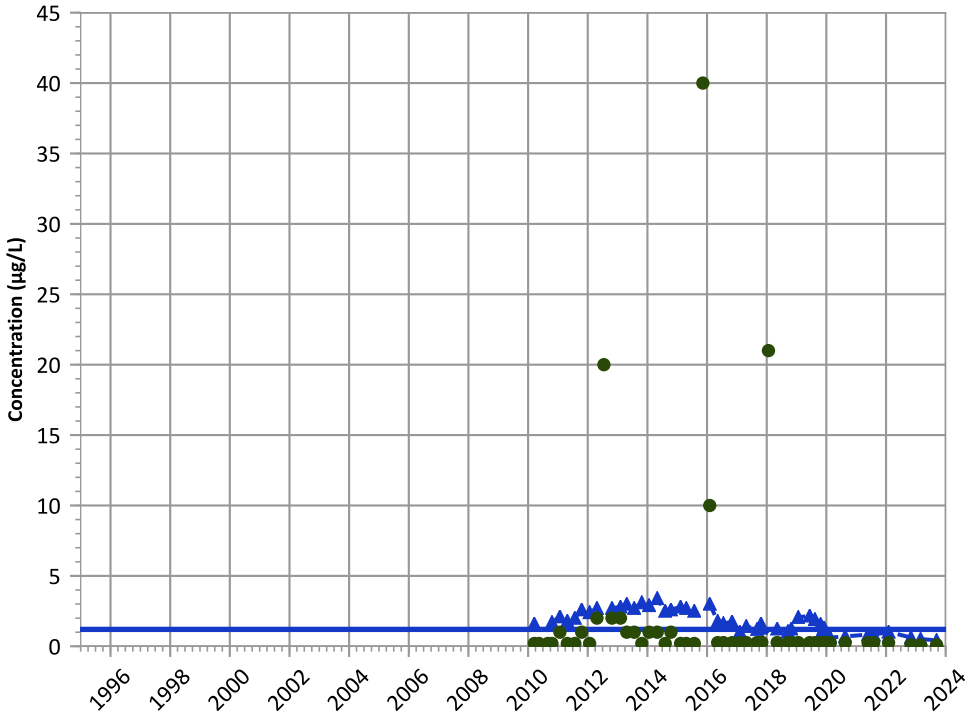
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

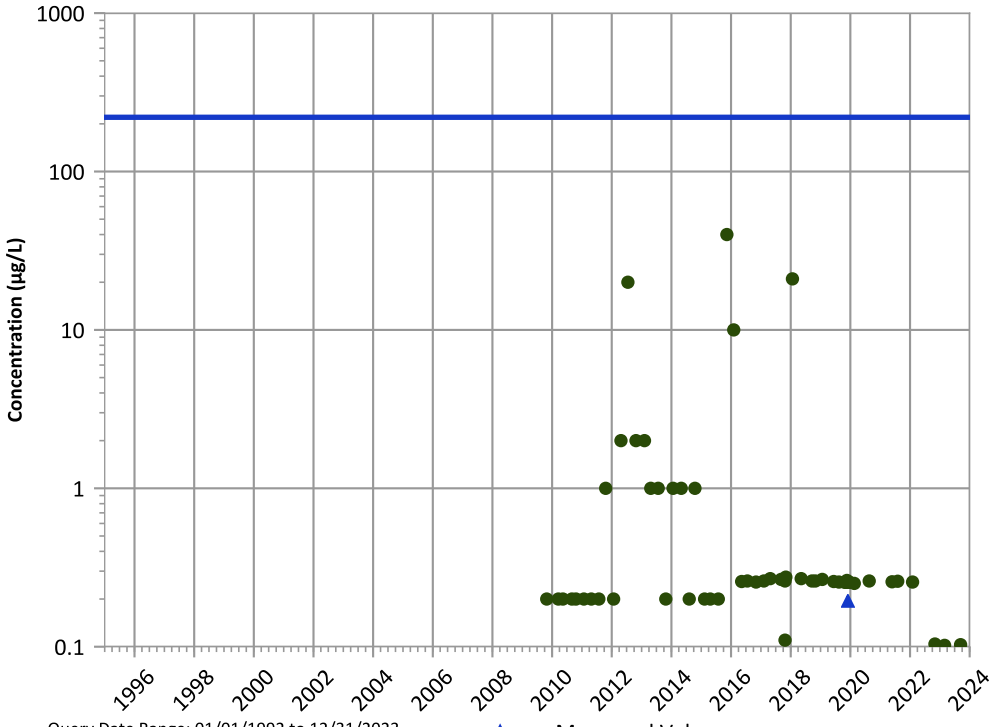


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

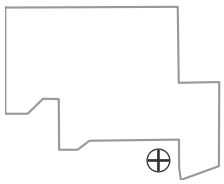
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

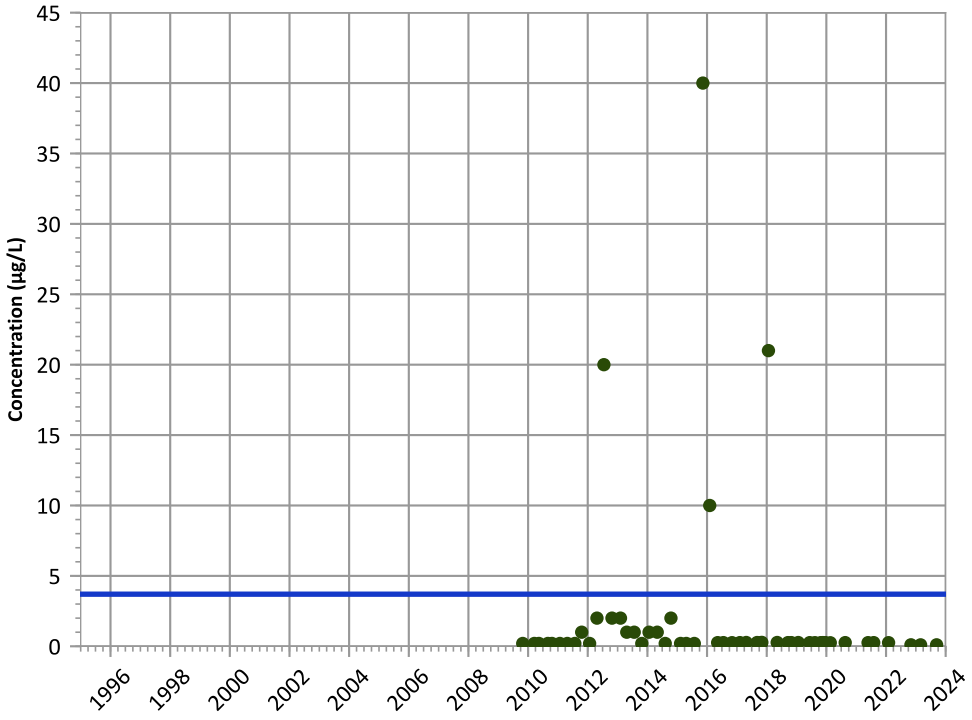
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

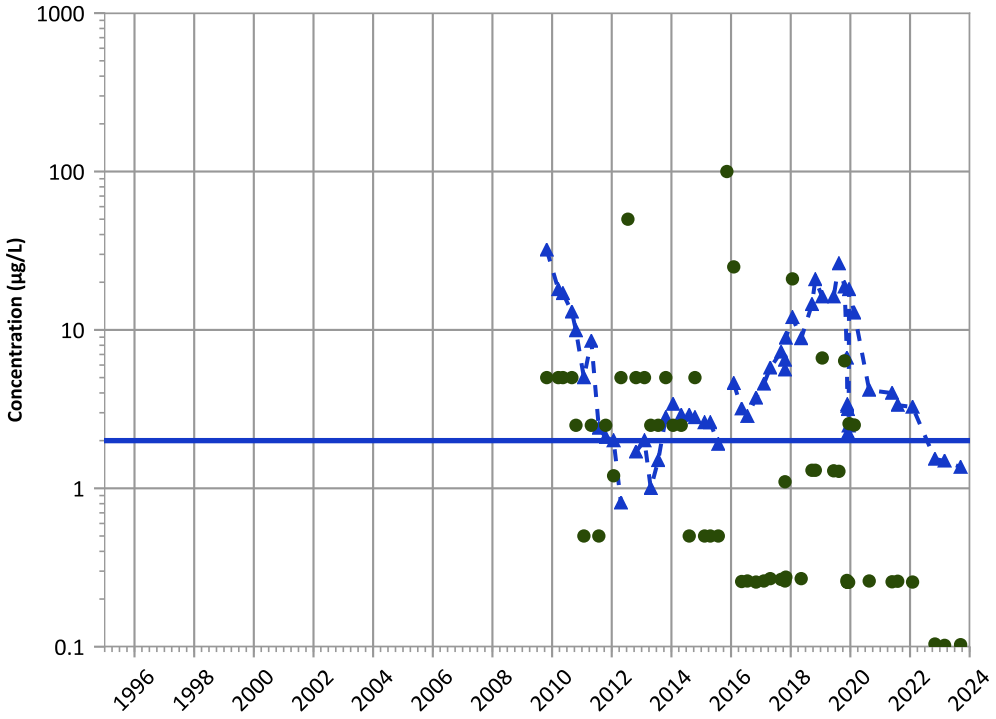
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



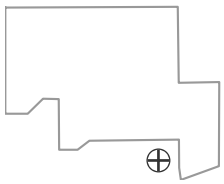
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

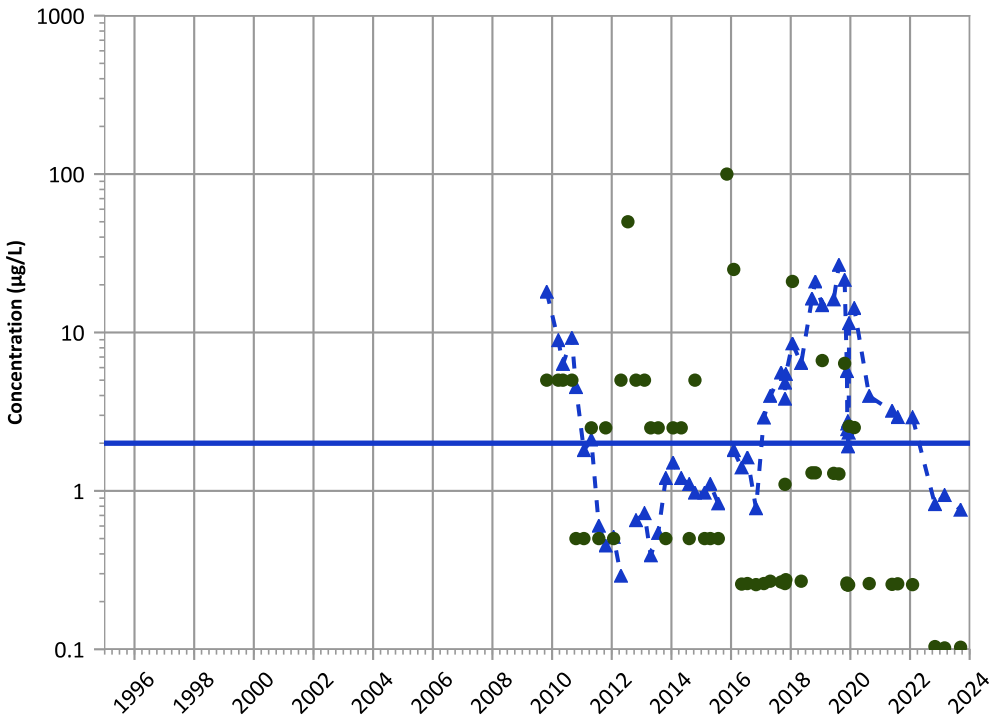
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

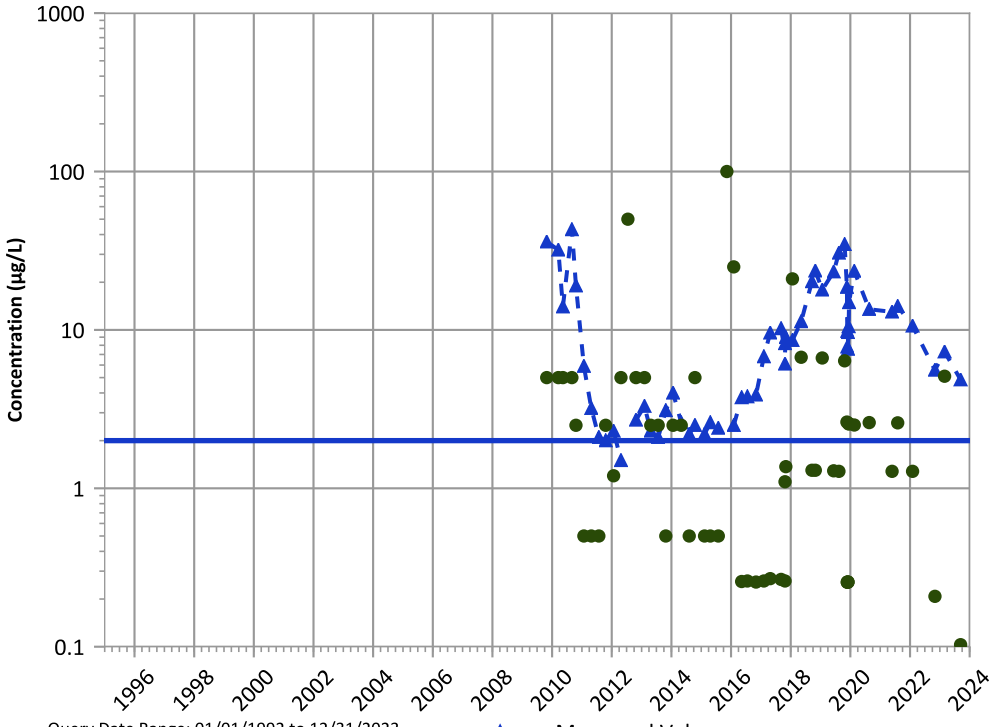


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

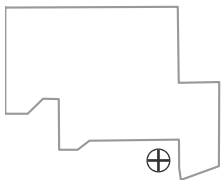
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

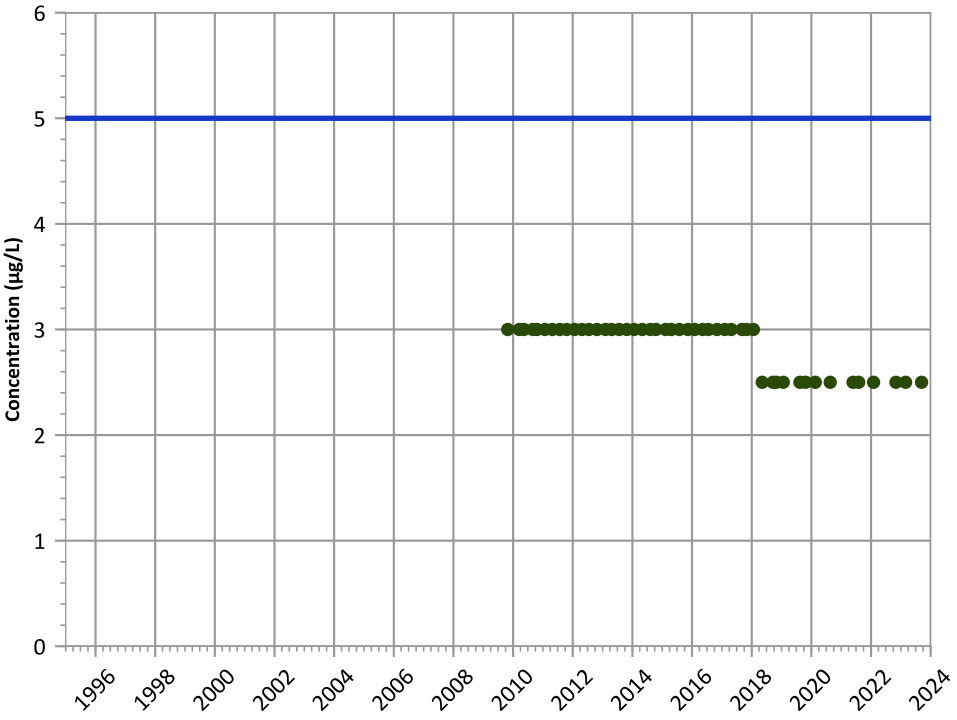
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

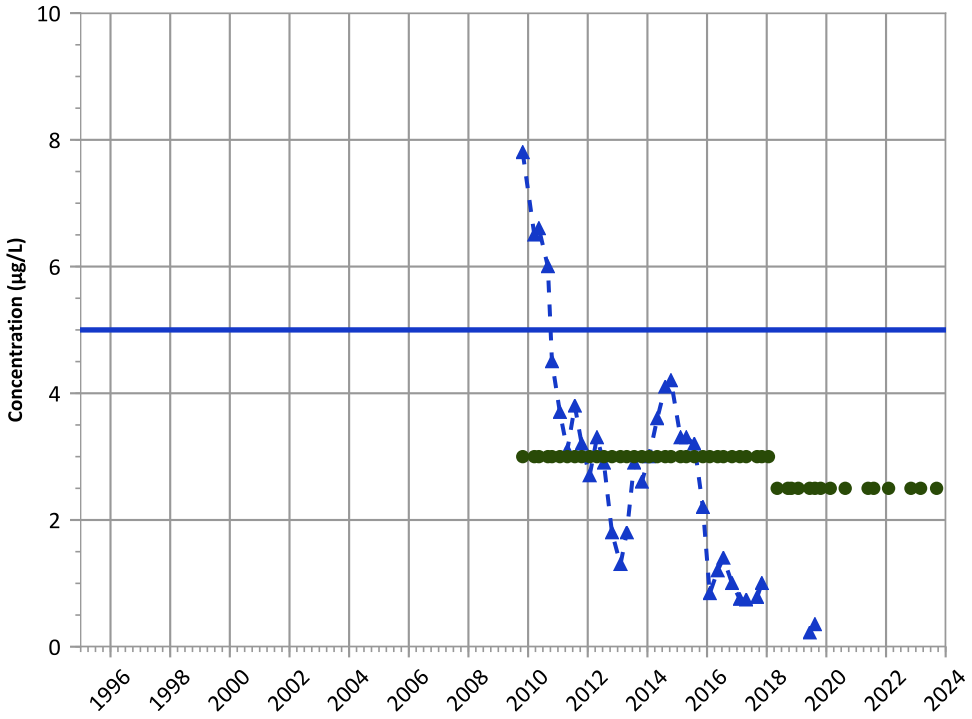


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

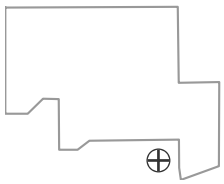
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

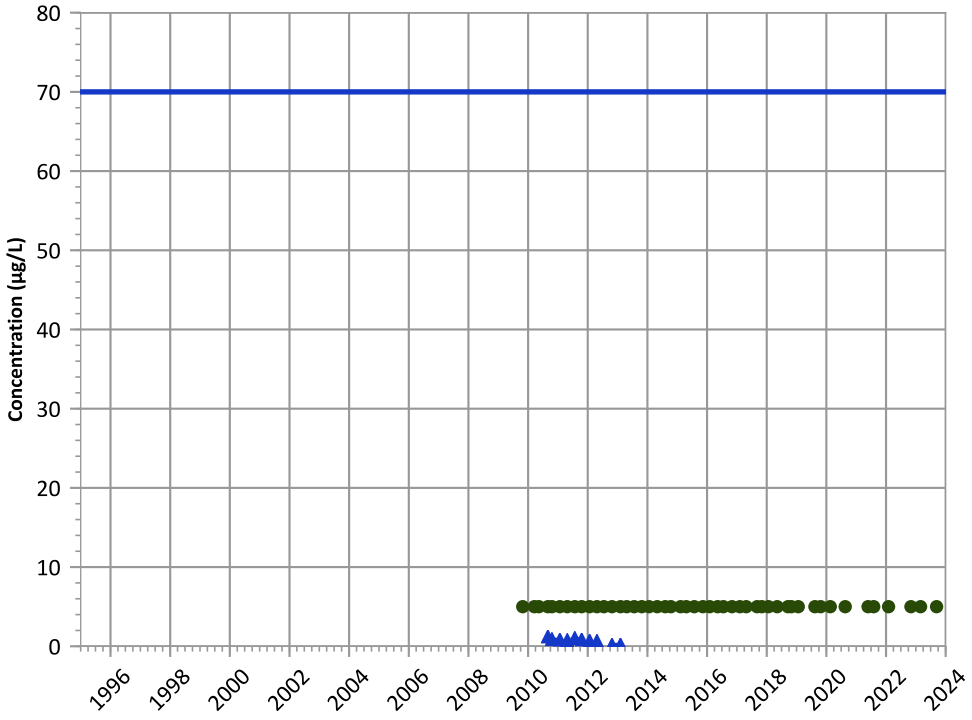
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

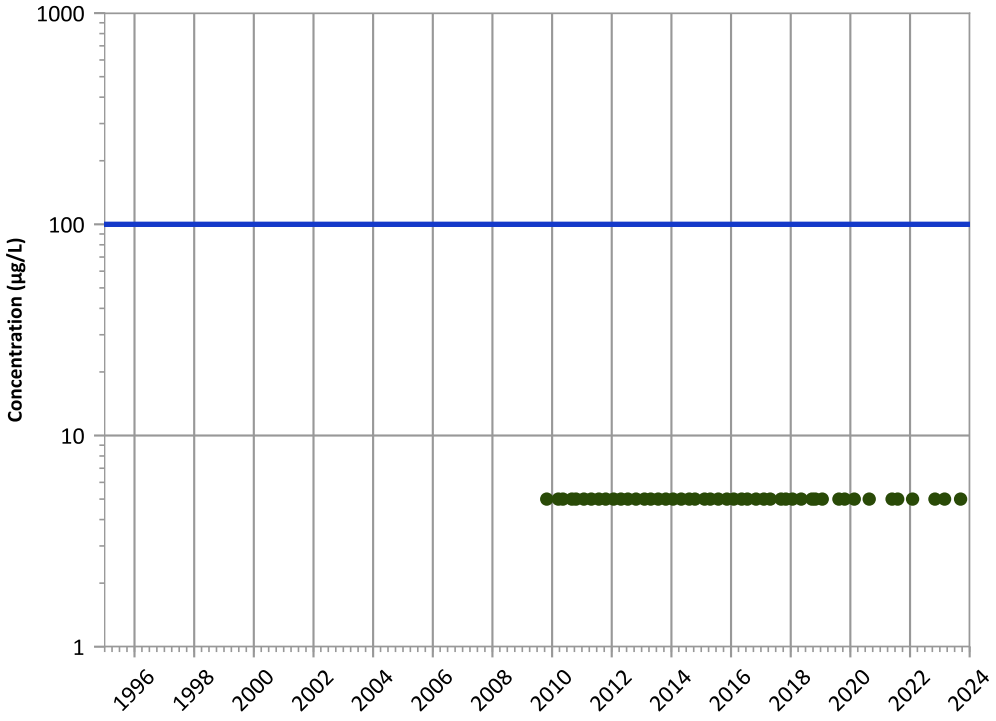


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

trans-1,2-Dichloroethene Trend



Concentration Trend

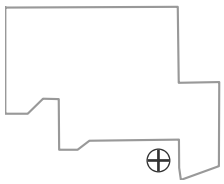
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

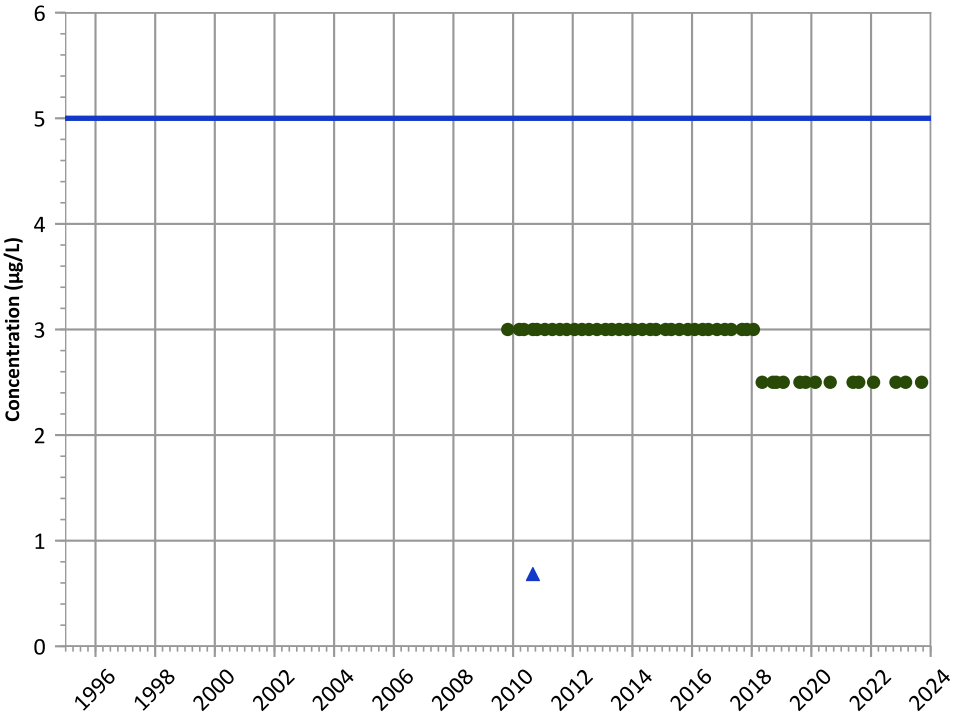
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

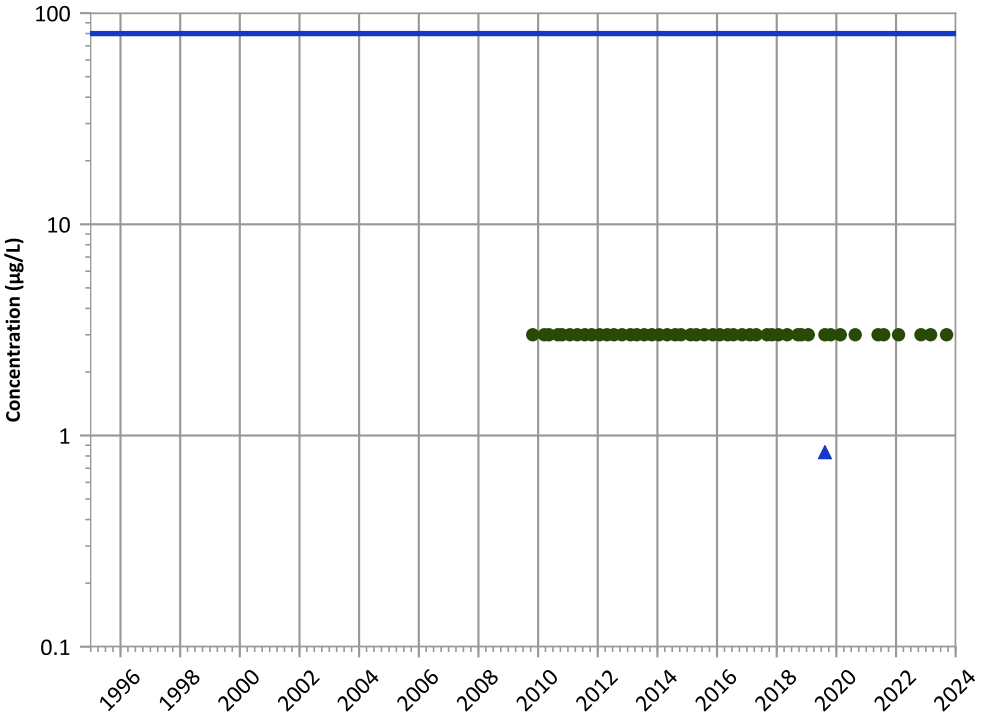


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

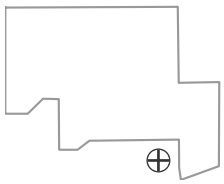
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

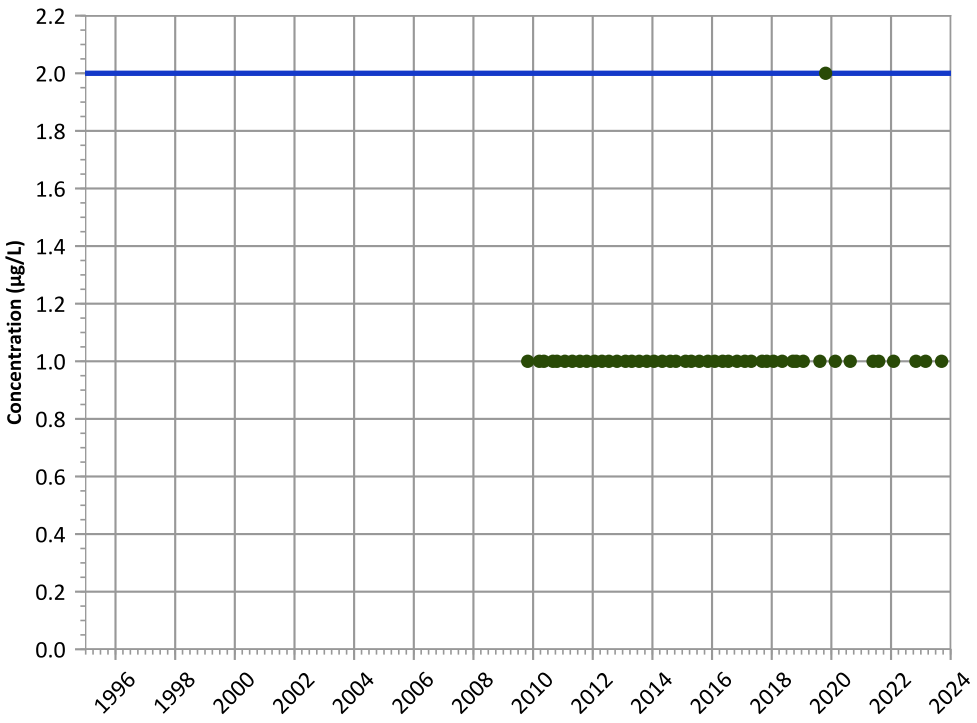
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

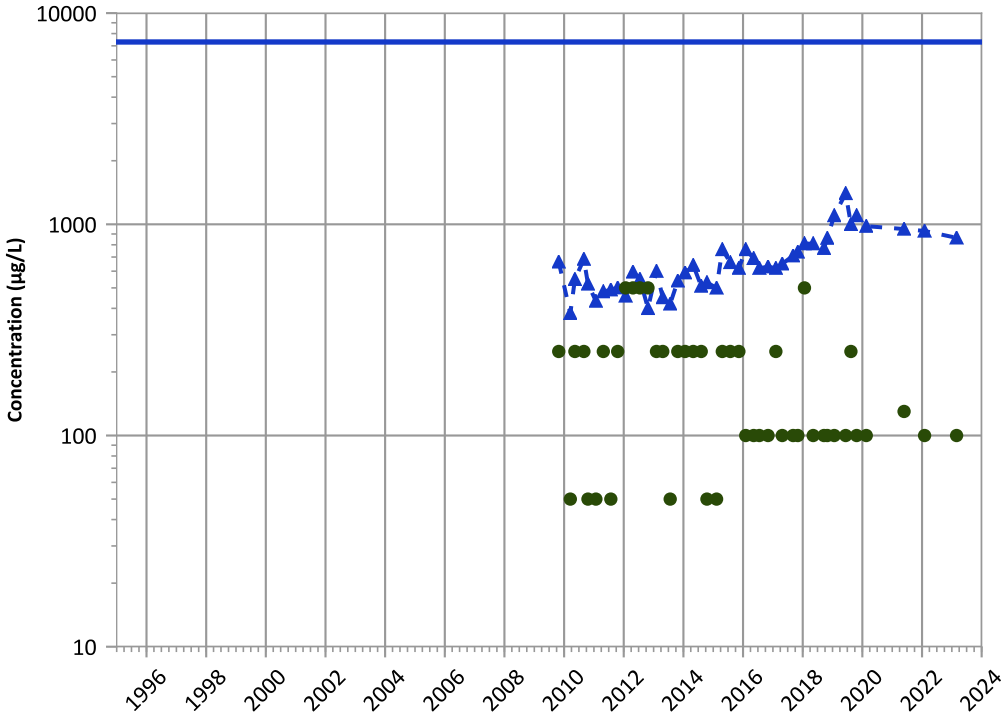


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

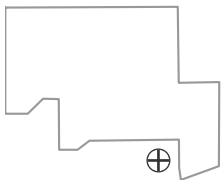
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

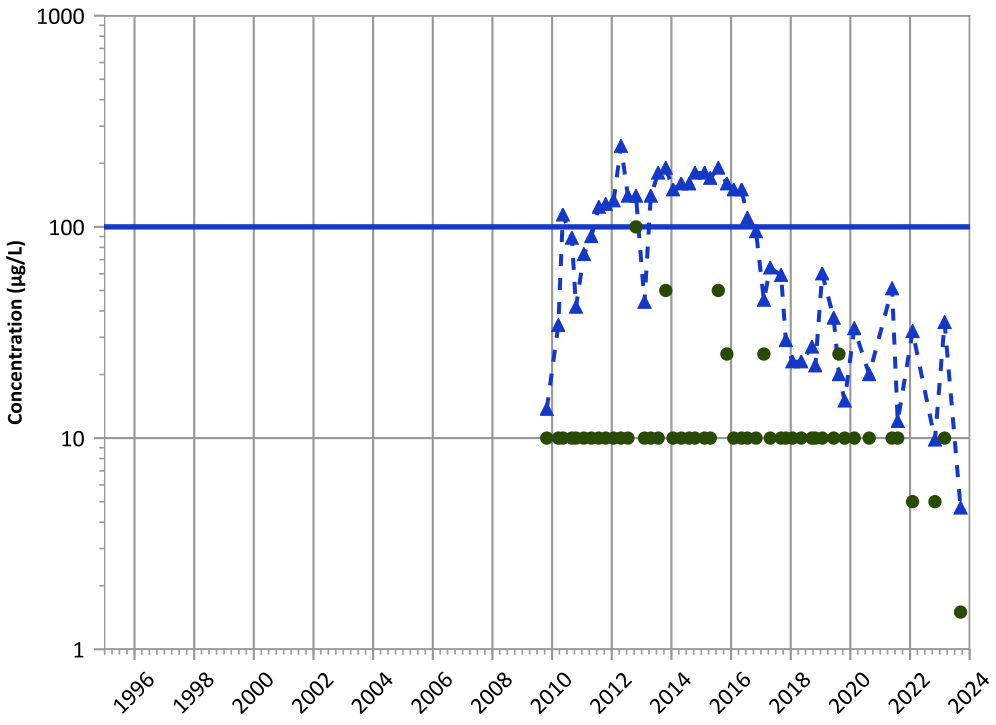
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

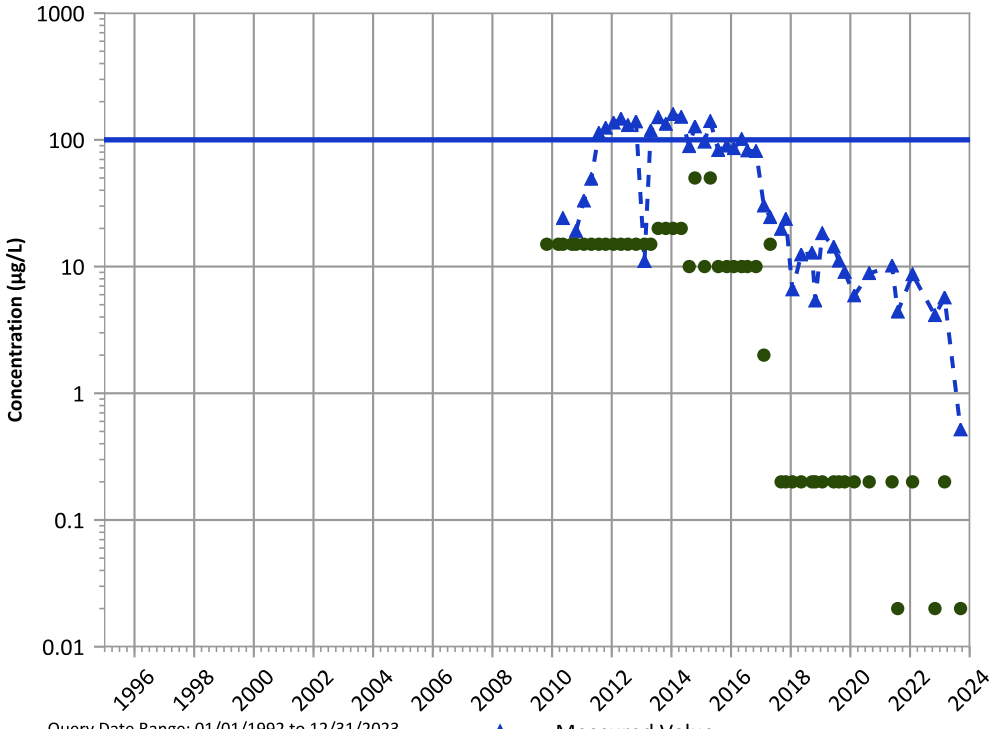


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

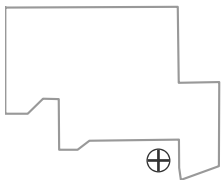
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

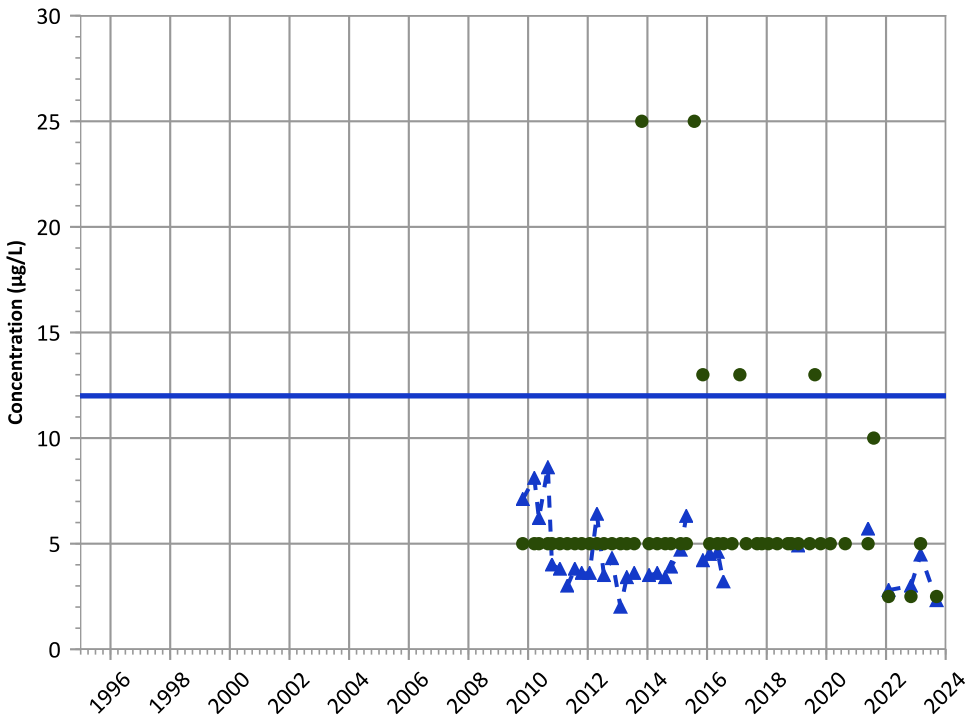
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

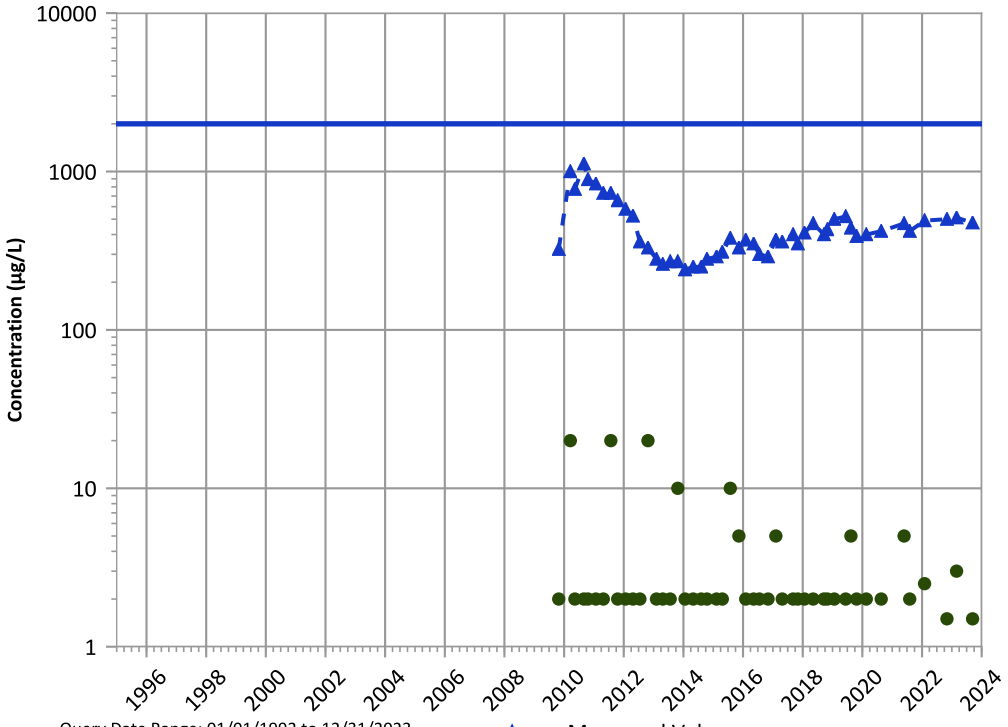


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

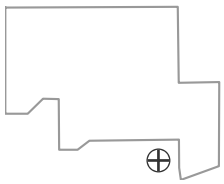
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

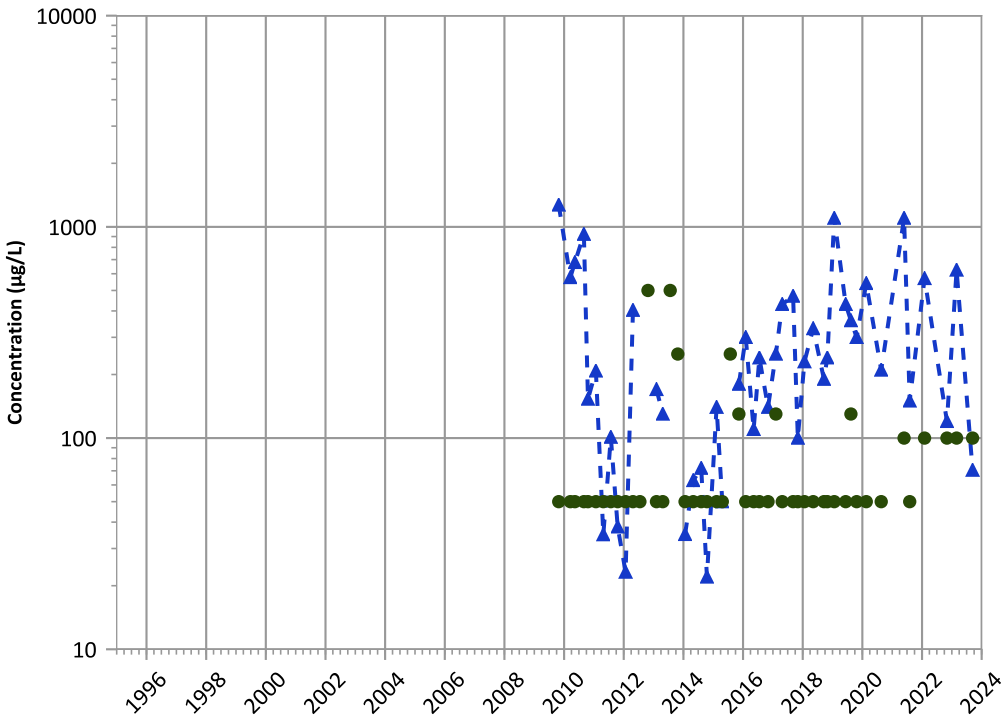
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

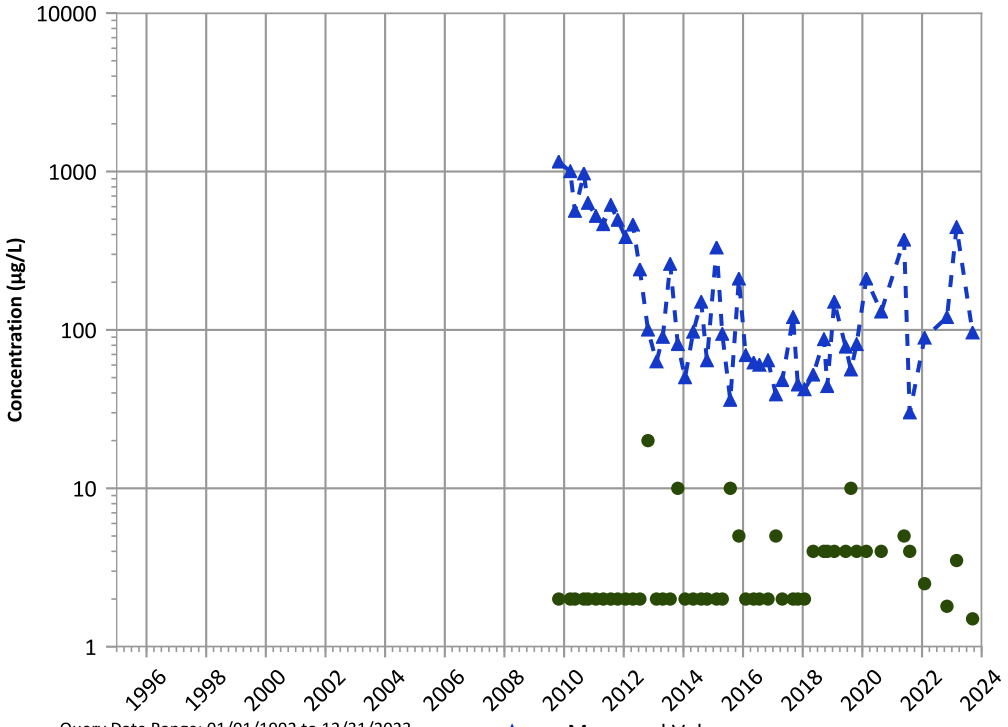


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

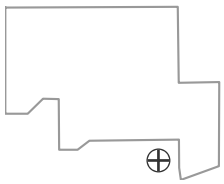
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

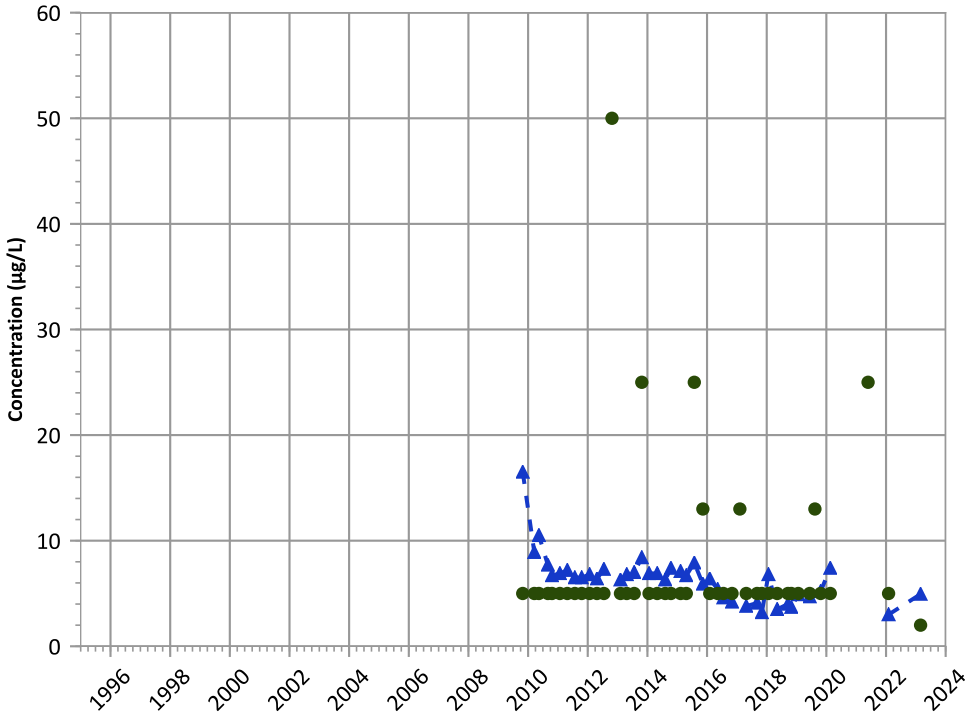
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

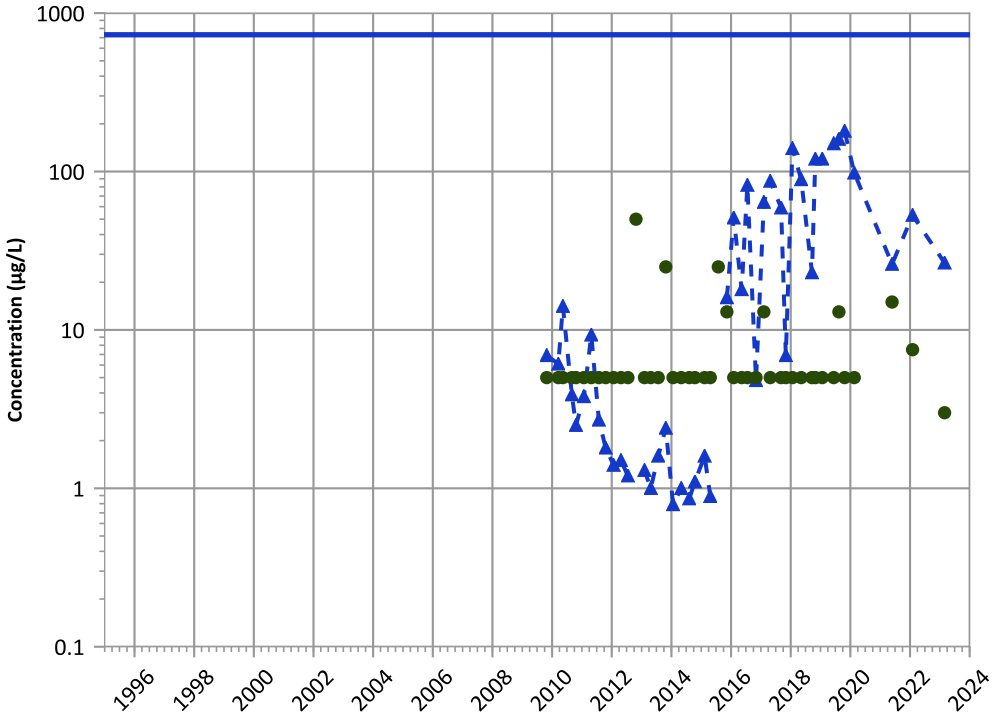


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

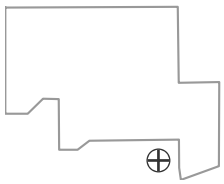
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

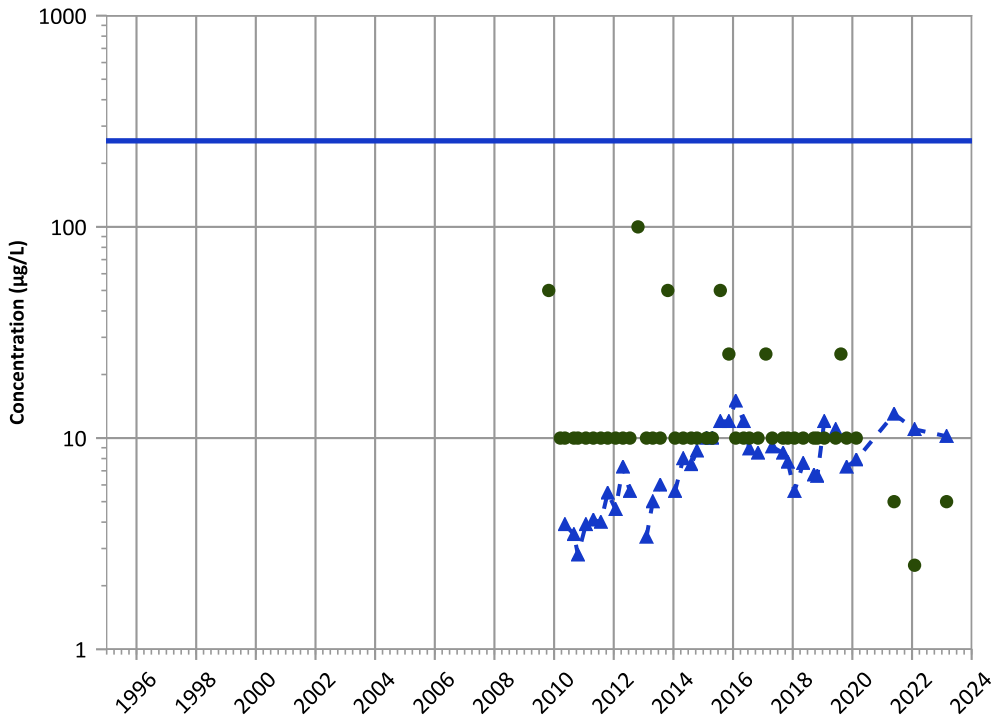
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

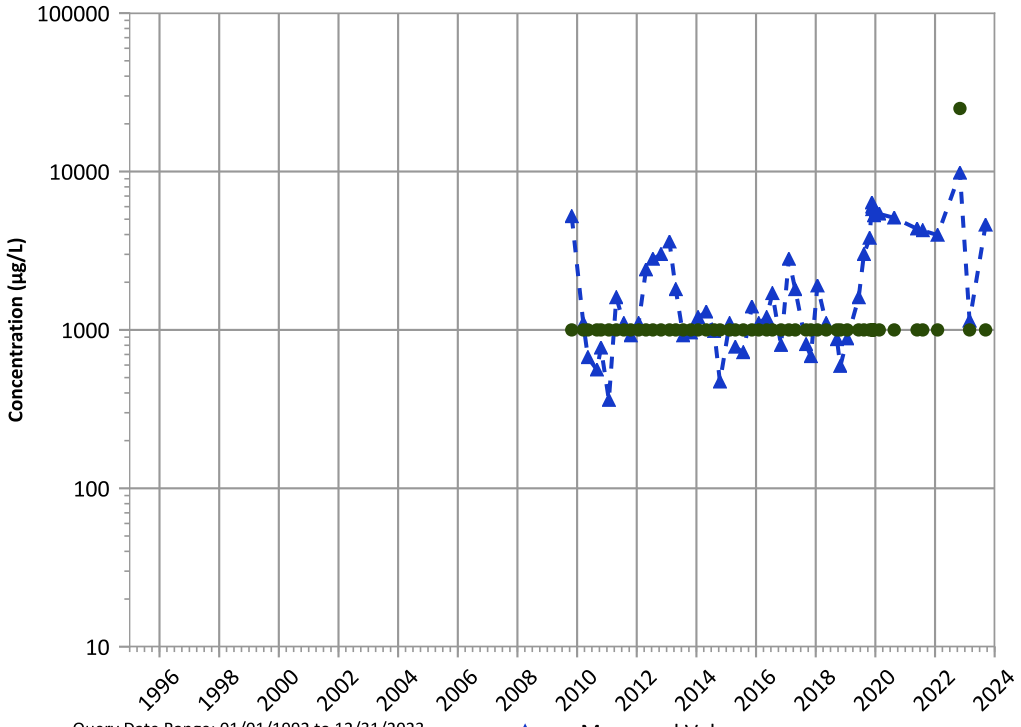


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

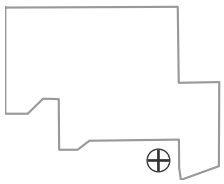
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

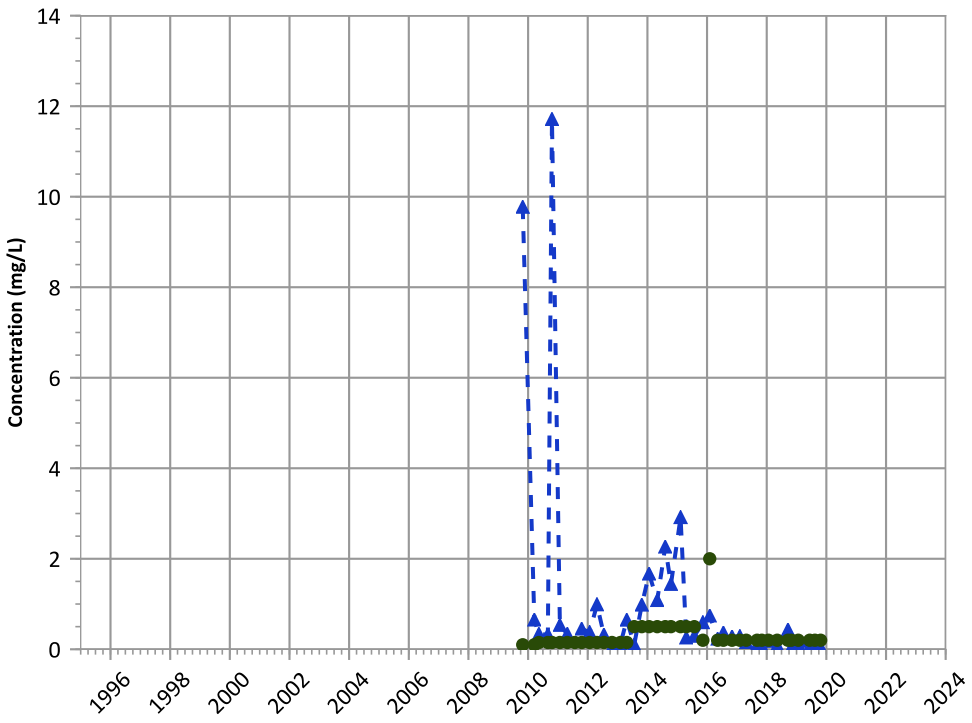
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

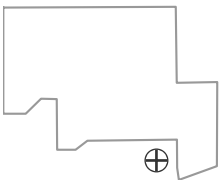
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

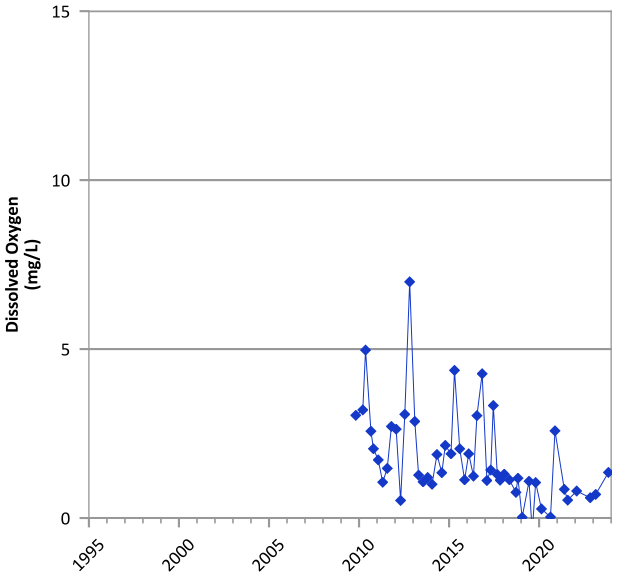
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 09/12/2023
Analysis Date: 04/01/2024

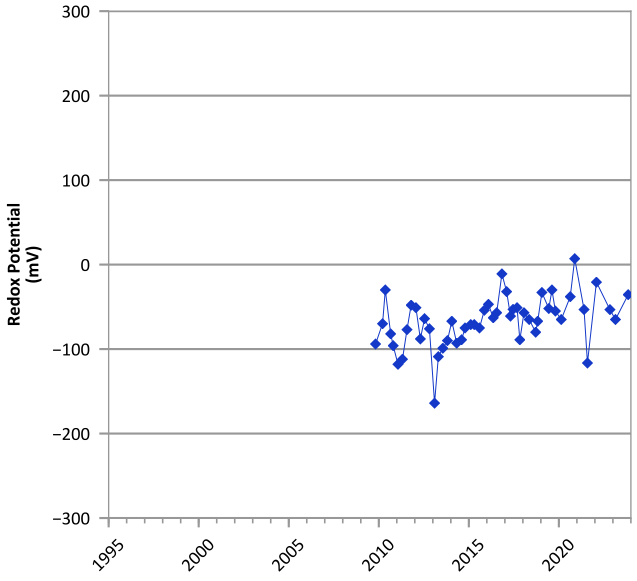
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

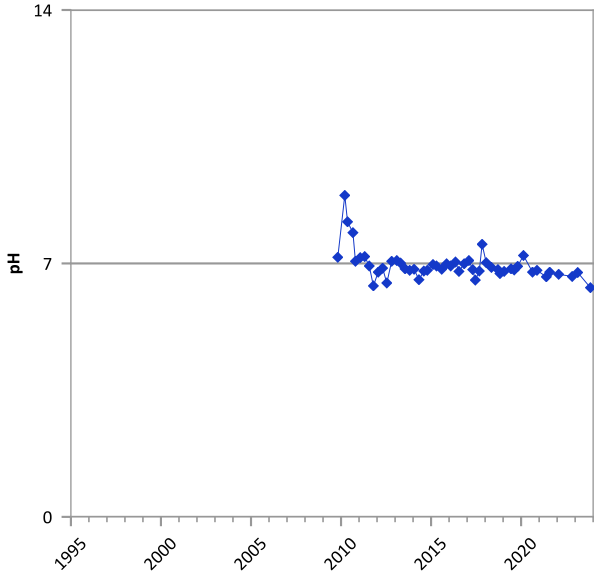
Well Location

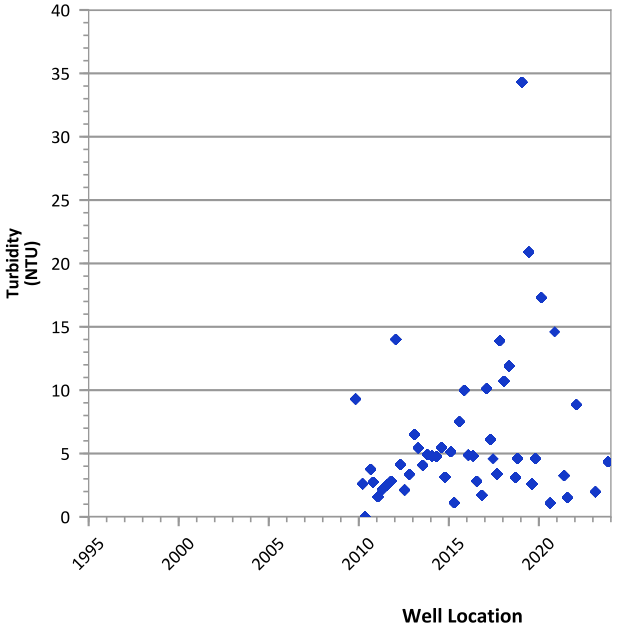


PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

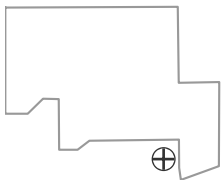






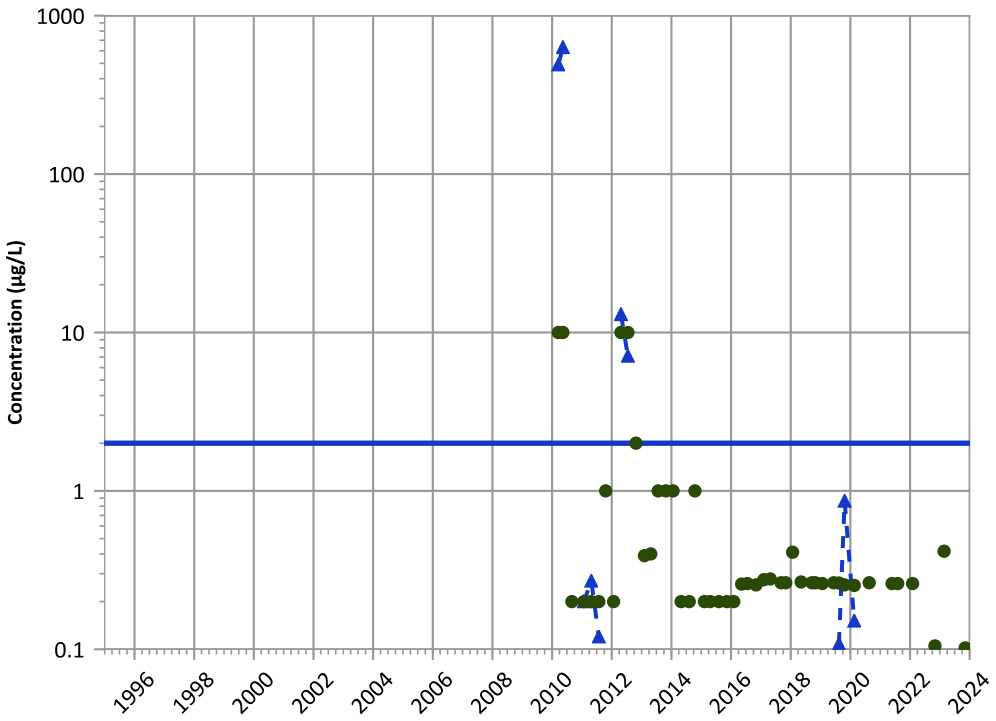


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

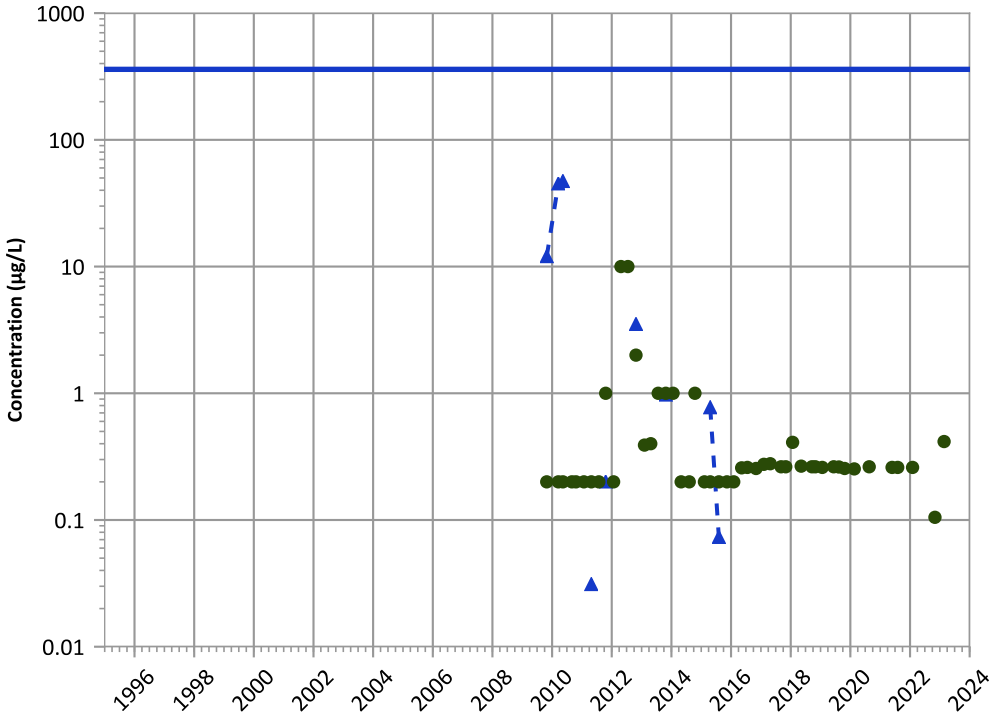


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

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



Concentration Trend

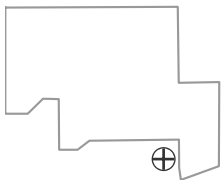
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

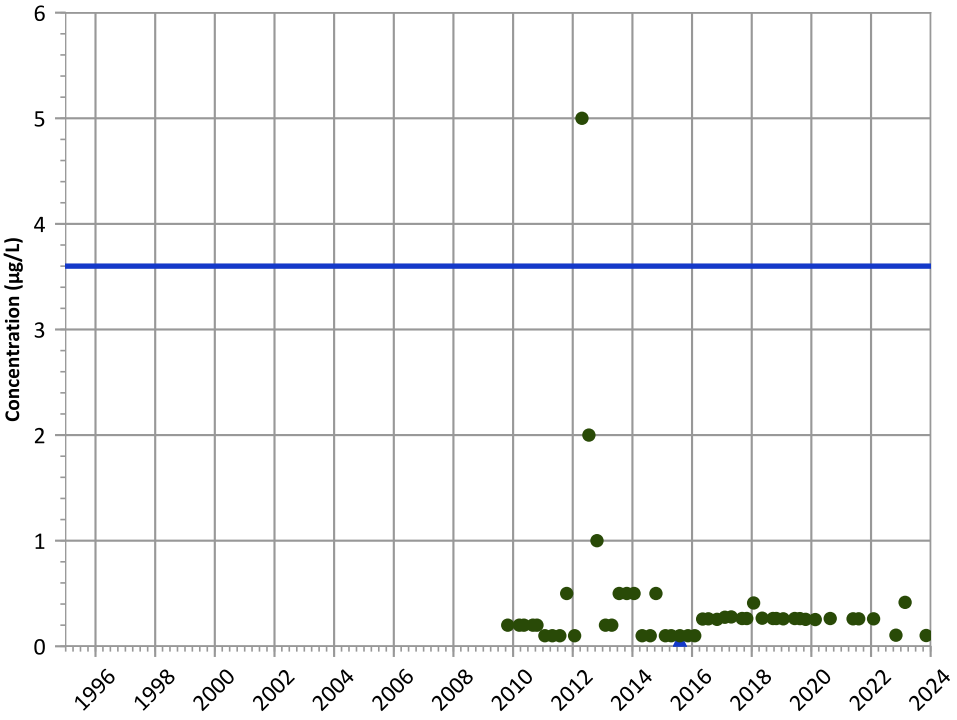
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

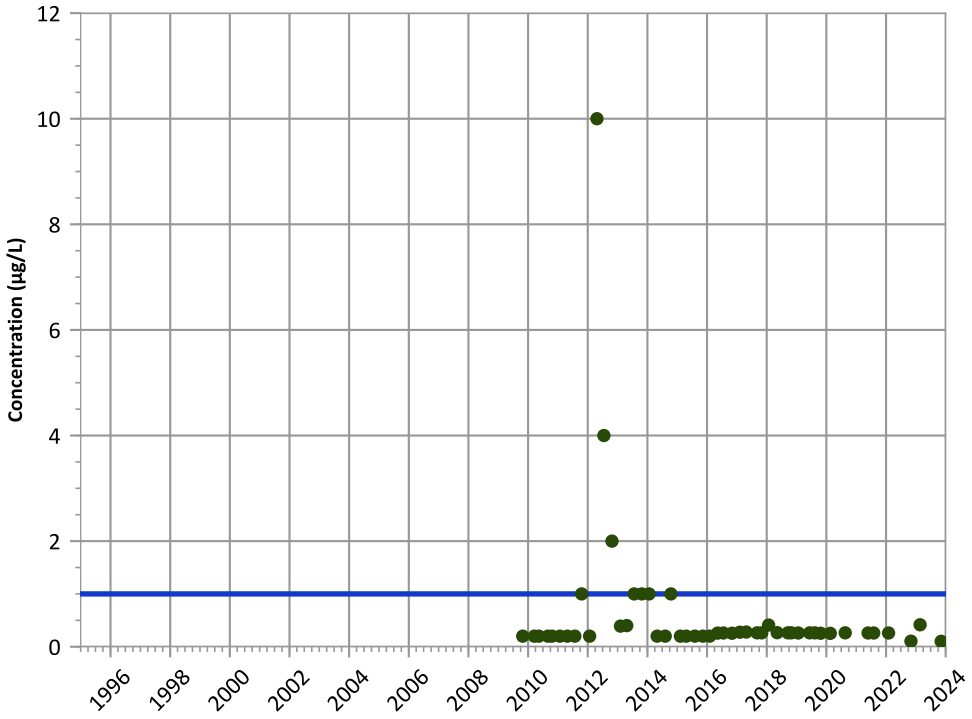


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

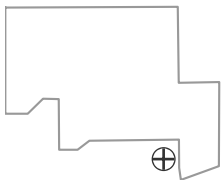
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

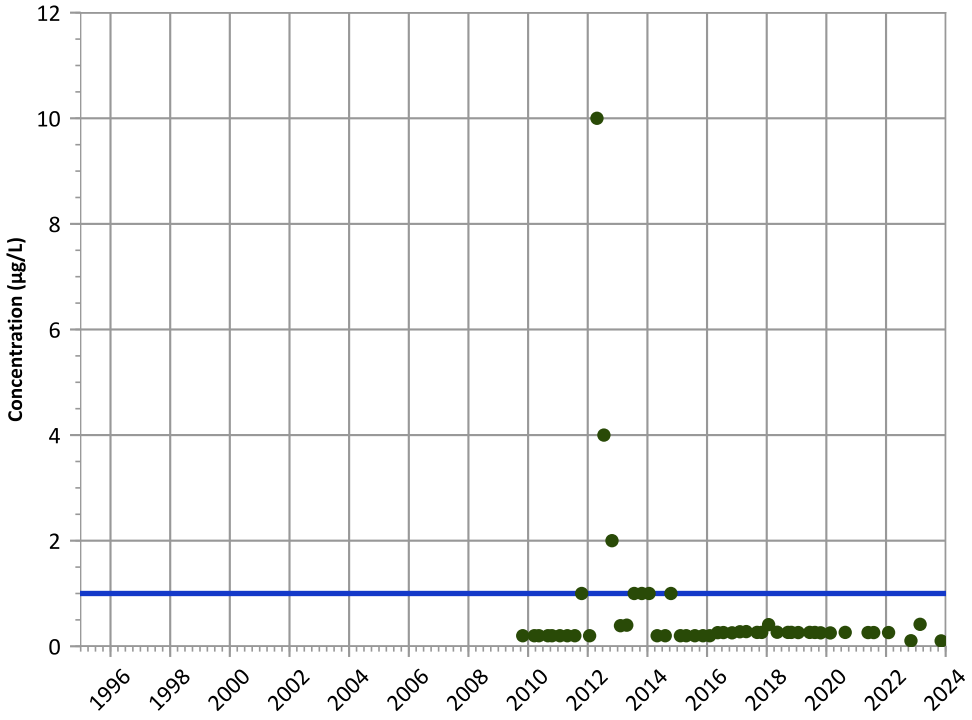
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

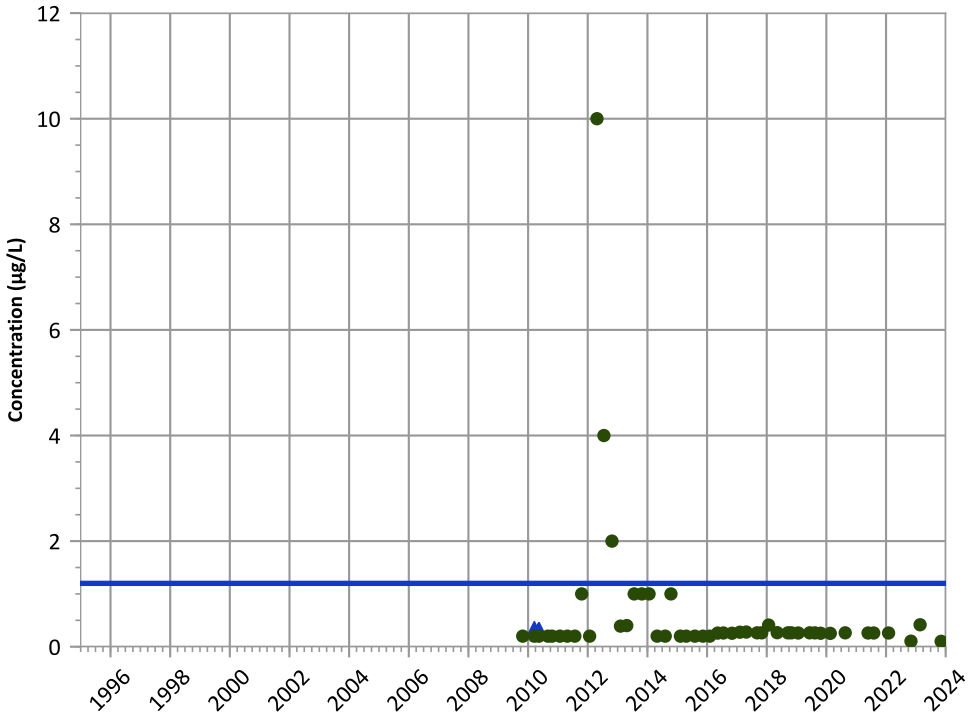


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

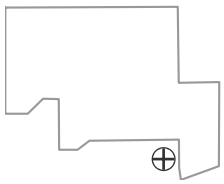
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

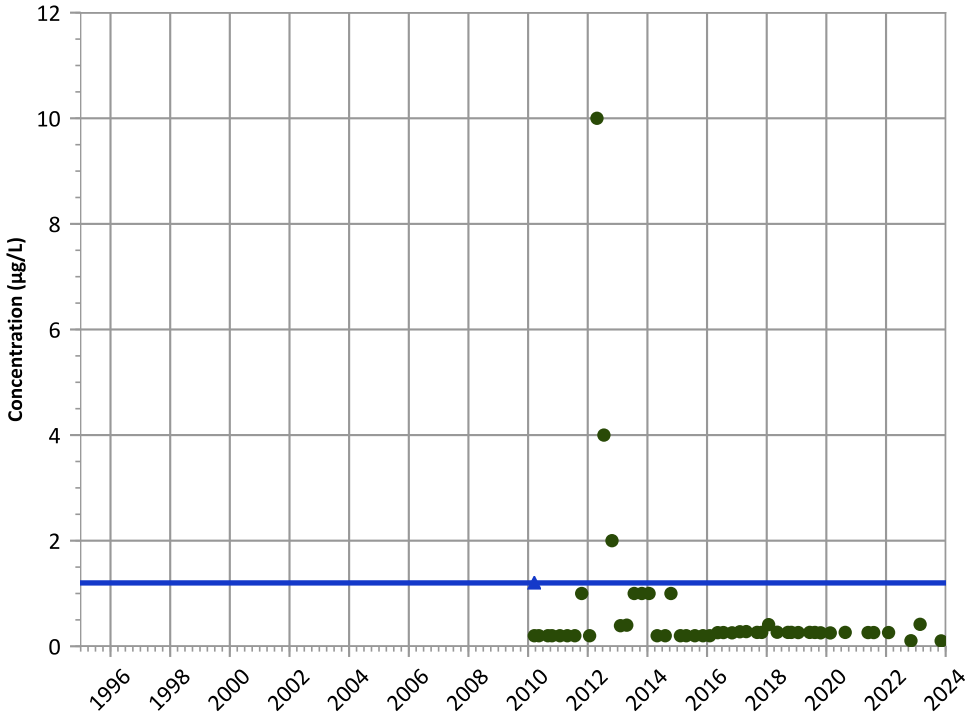
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

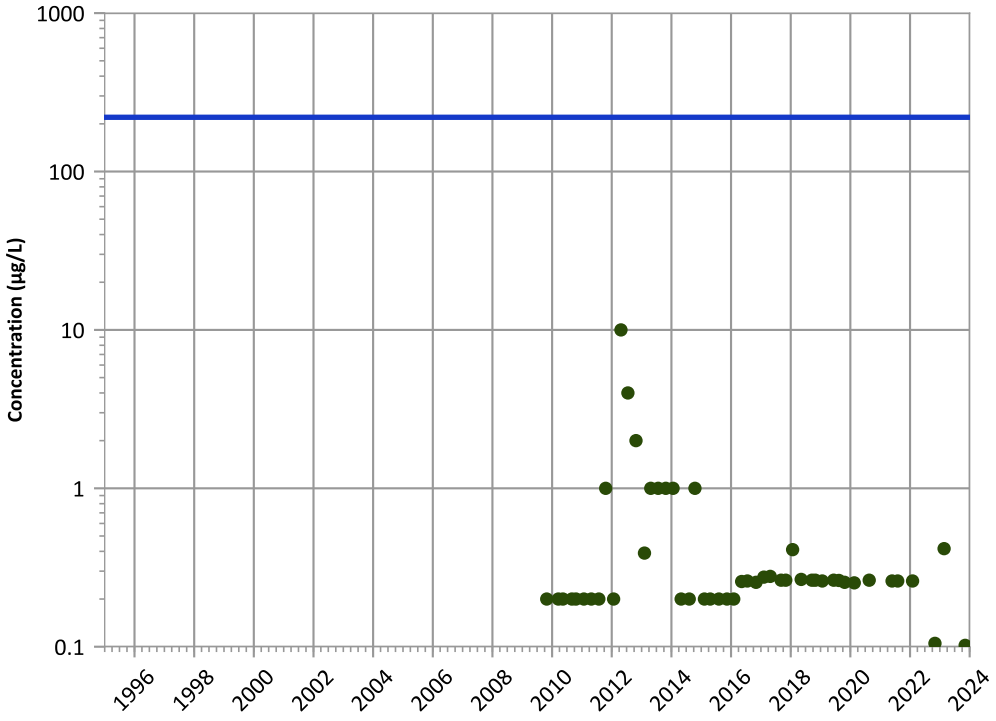


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

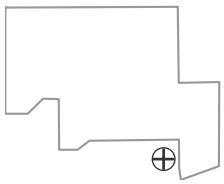
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

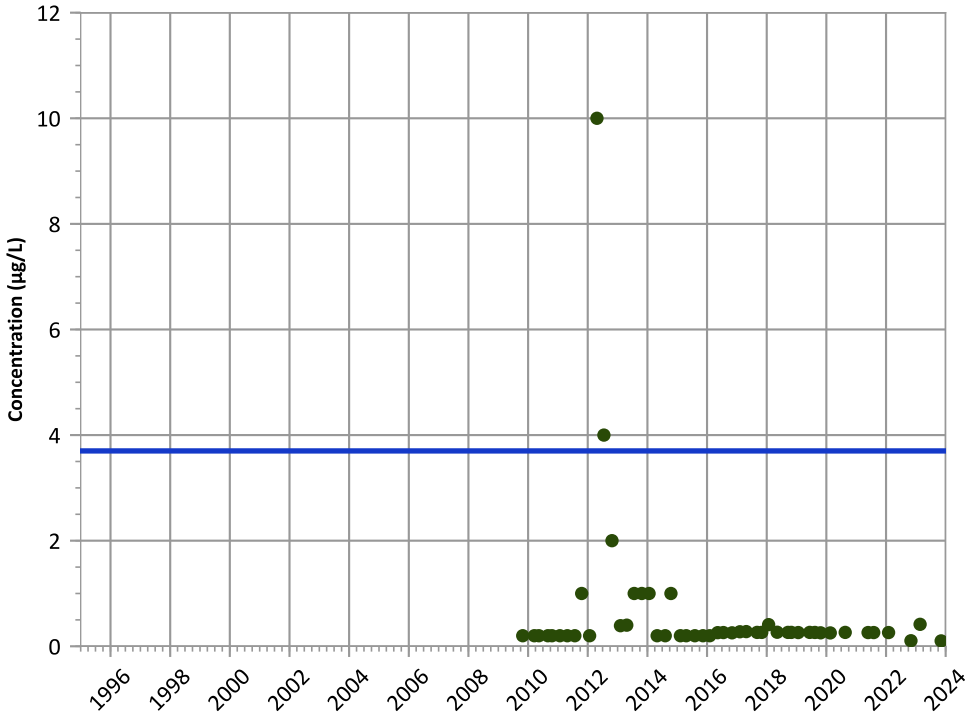
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

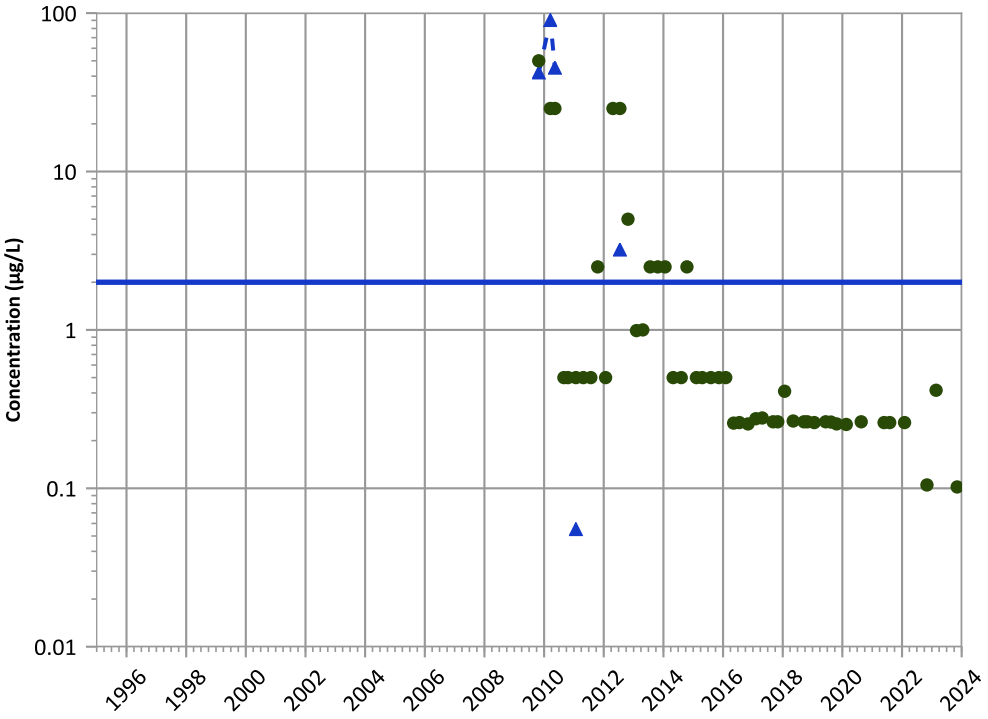


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

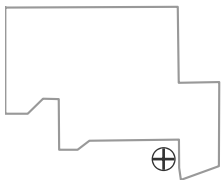
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

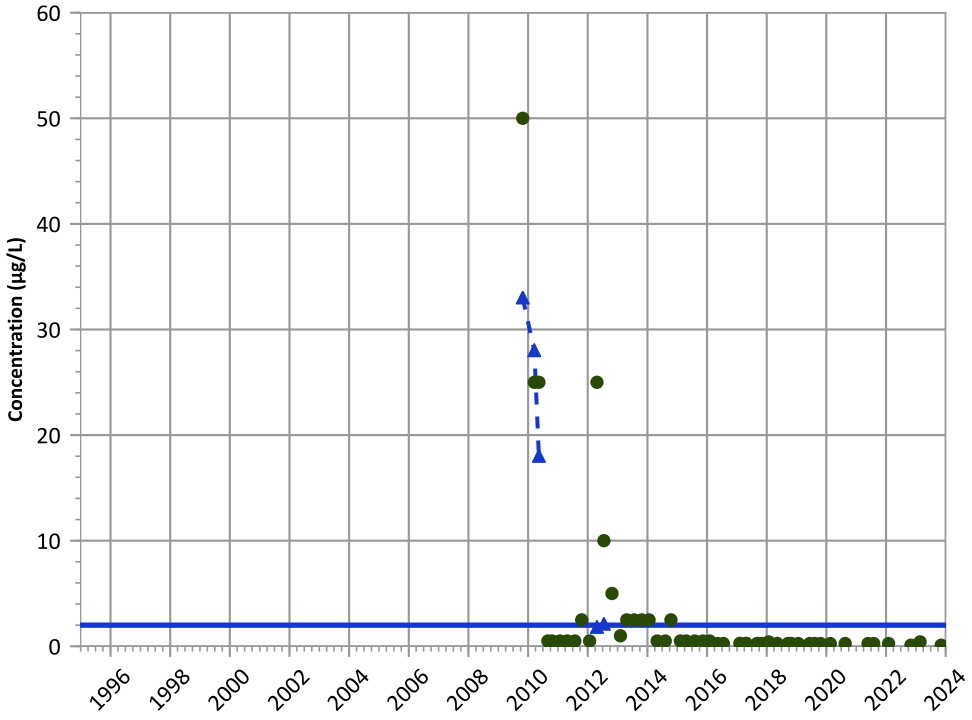
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

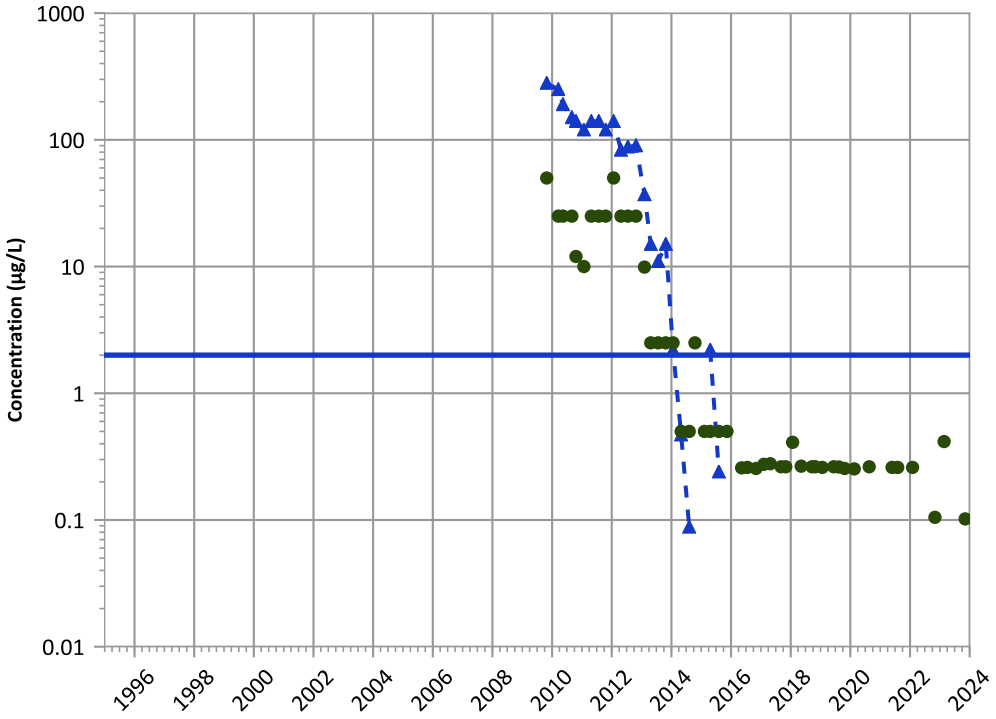


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

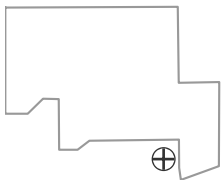
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

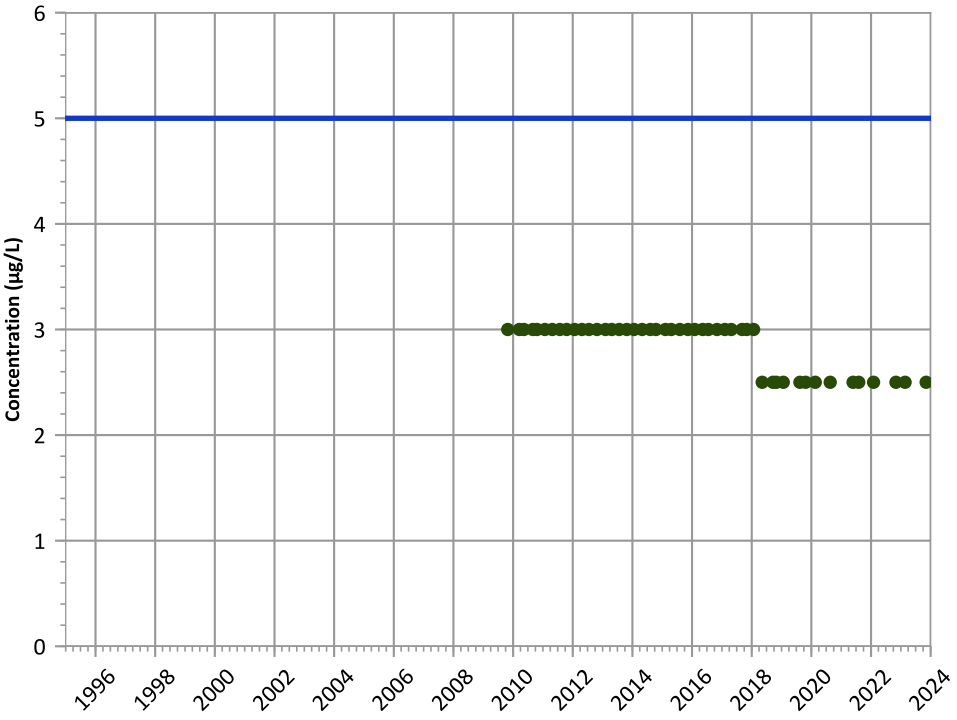
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

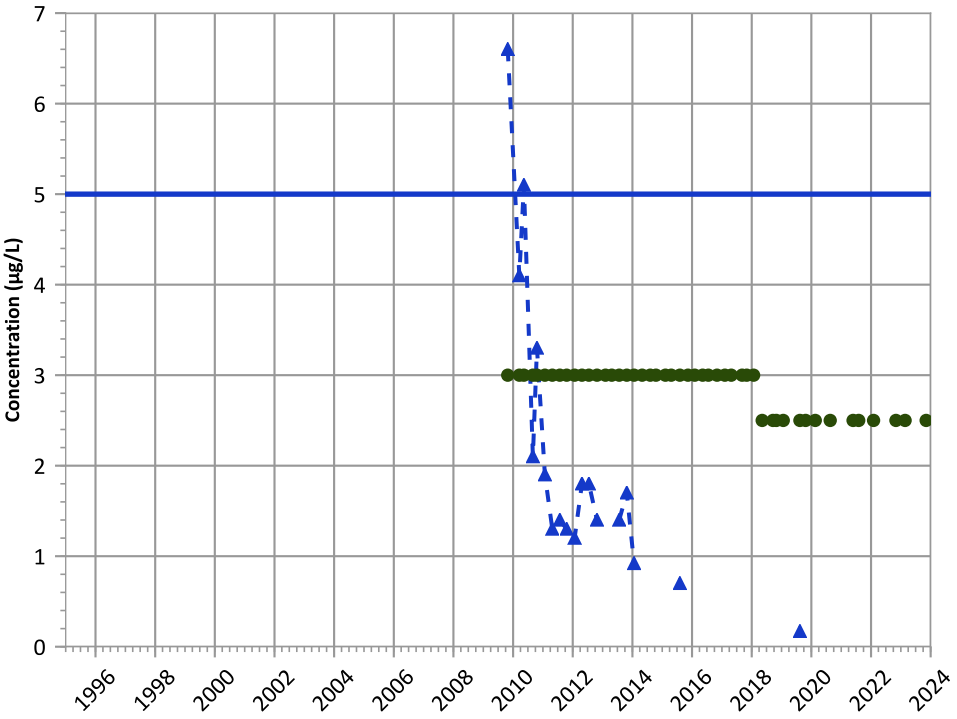


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

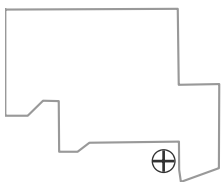
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

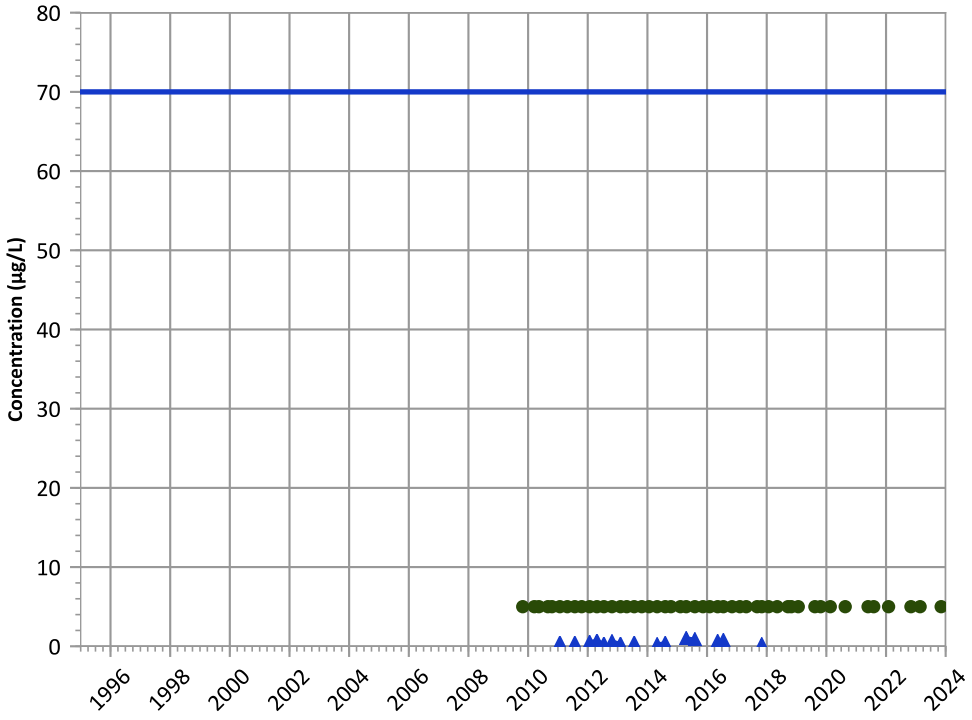
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

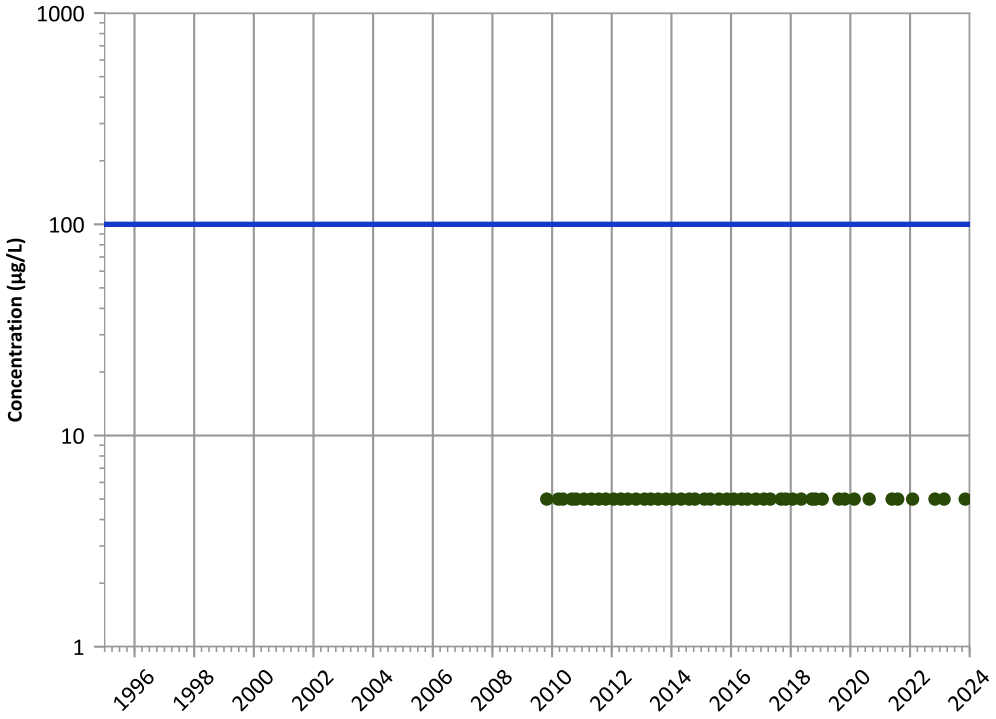


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

trans-1,2-Dichloroethene Trend



Concentration Trend

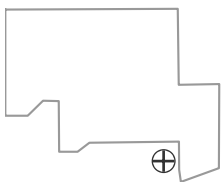
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

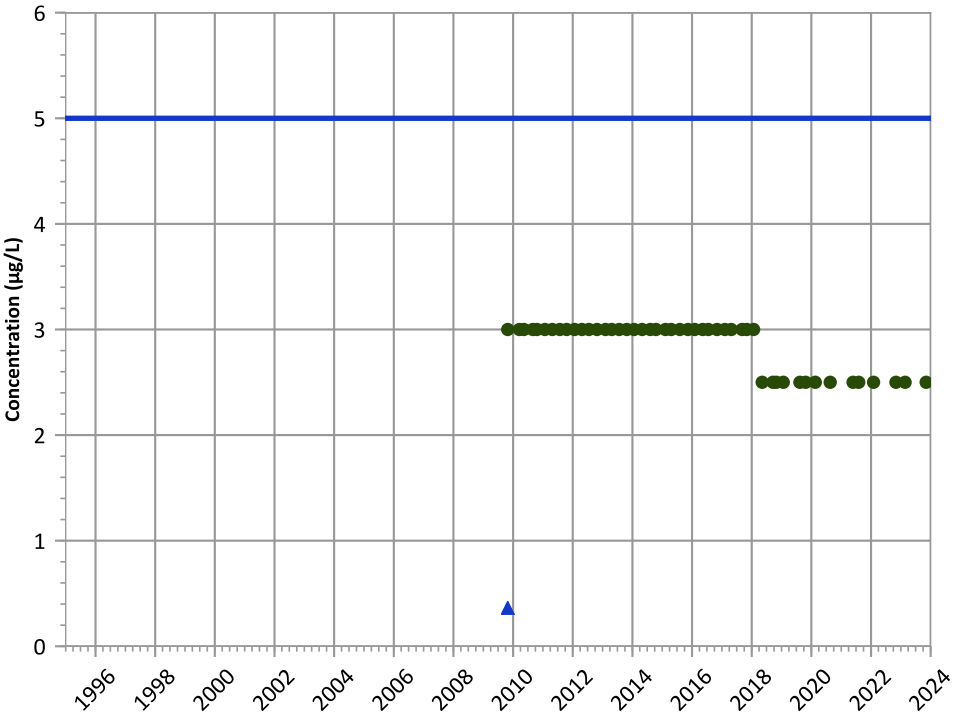
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

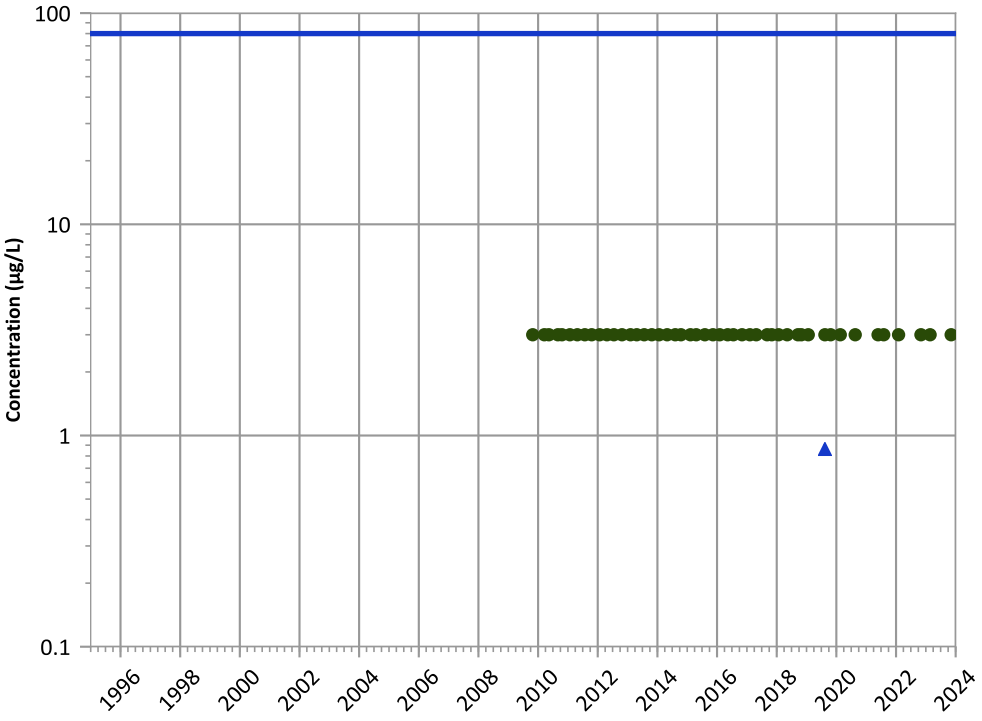


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

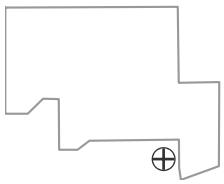
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

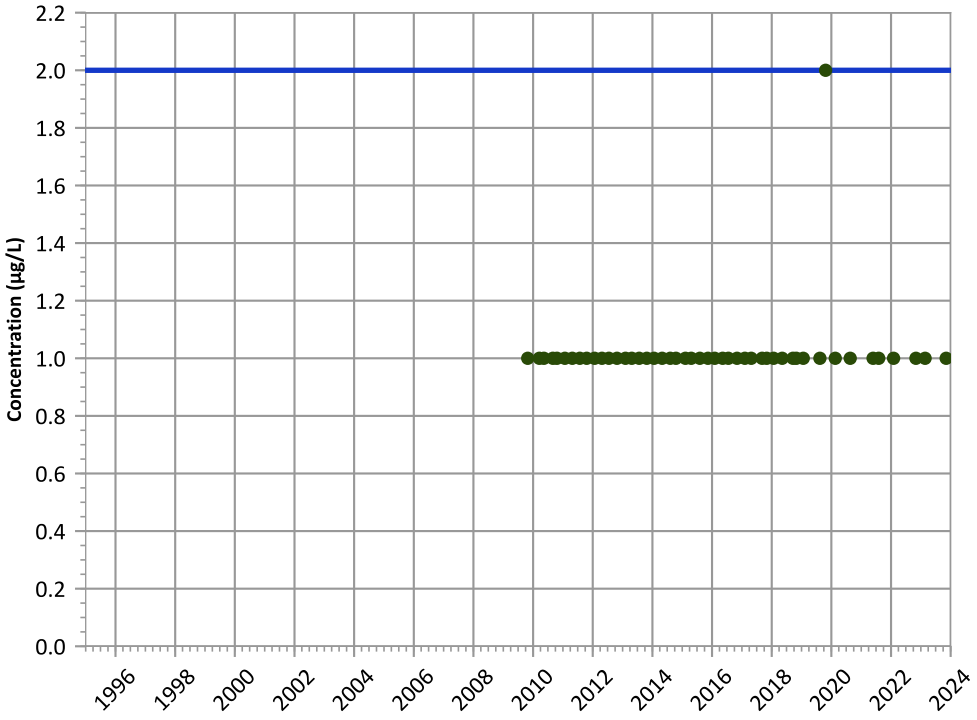
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

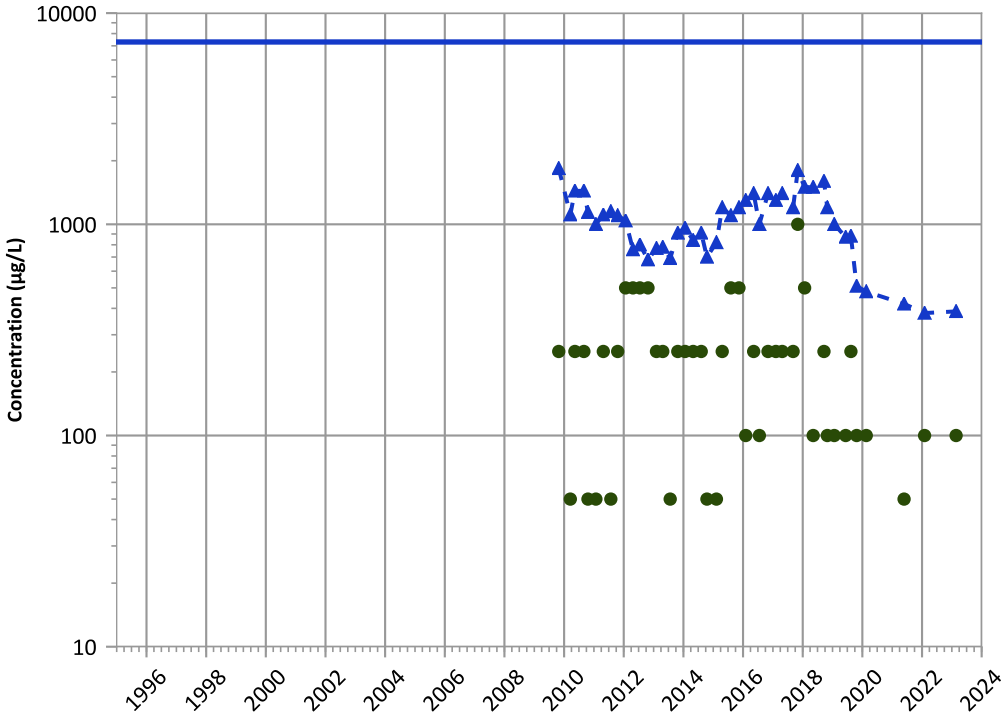


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

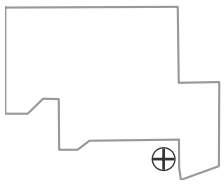
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

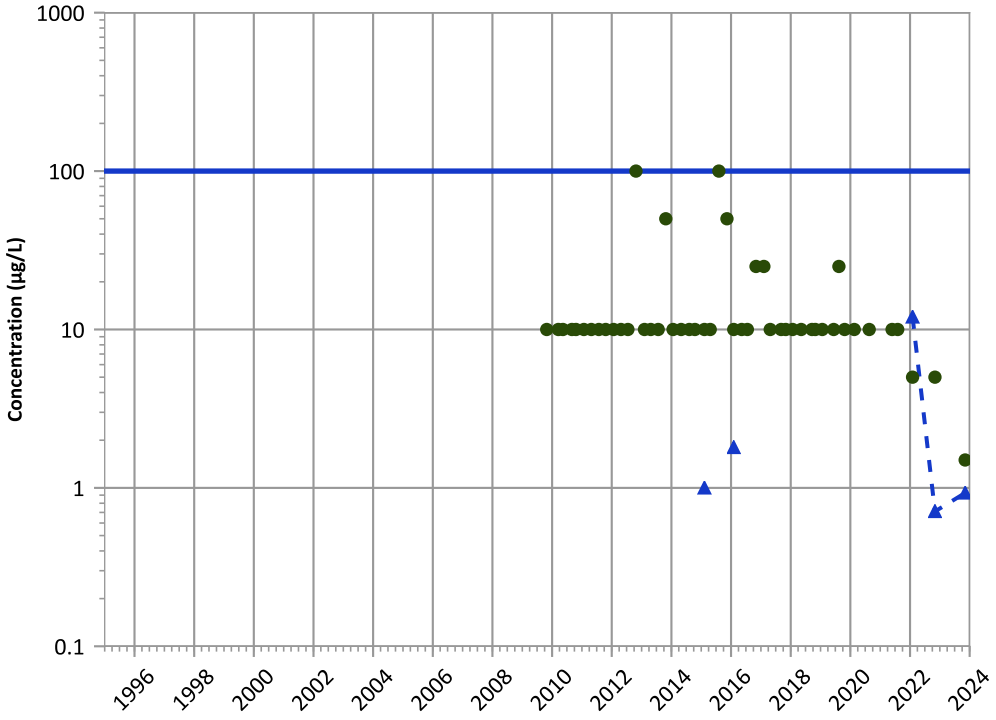
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

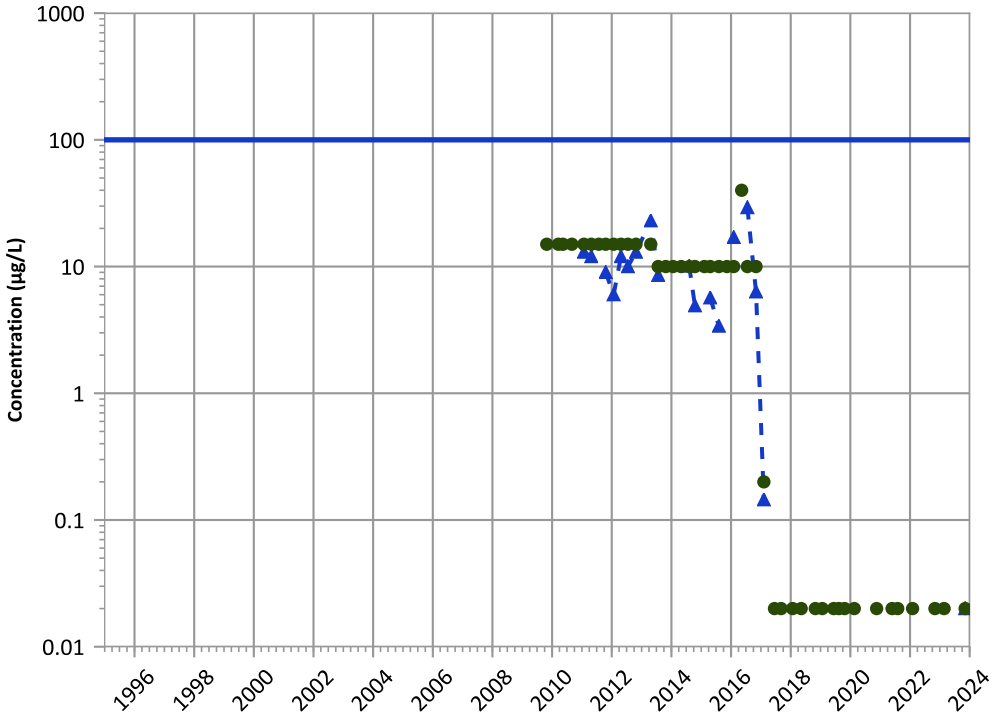


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

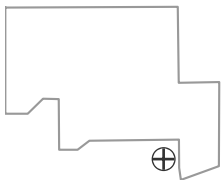
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

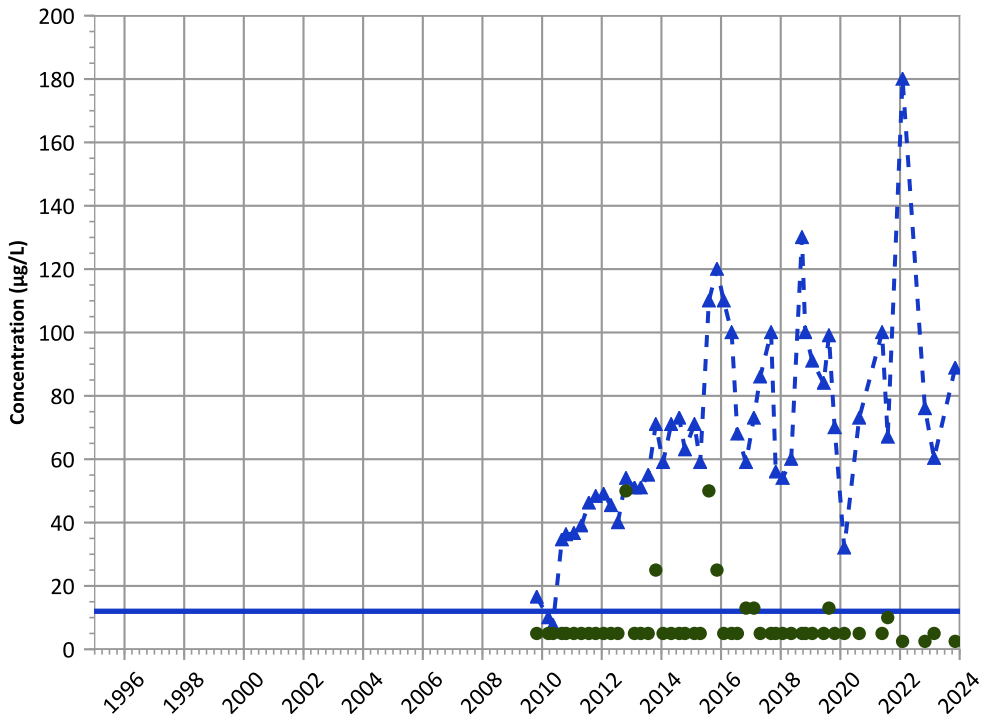
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

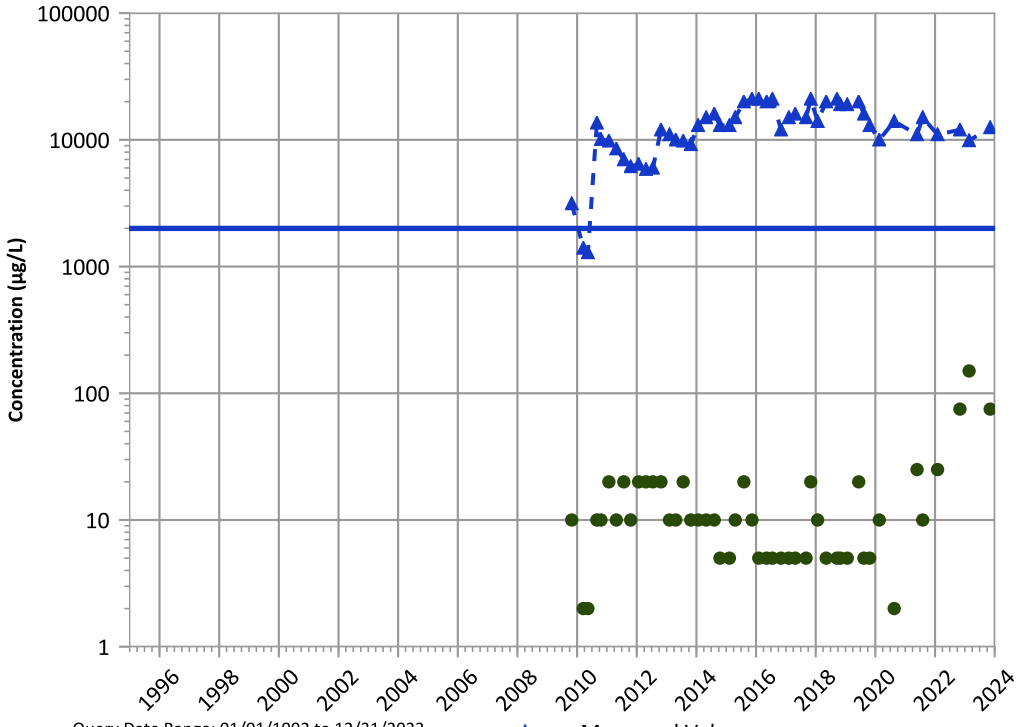


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

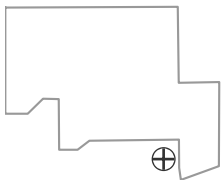
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

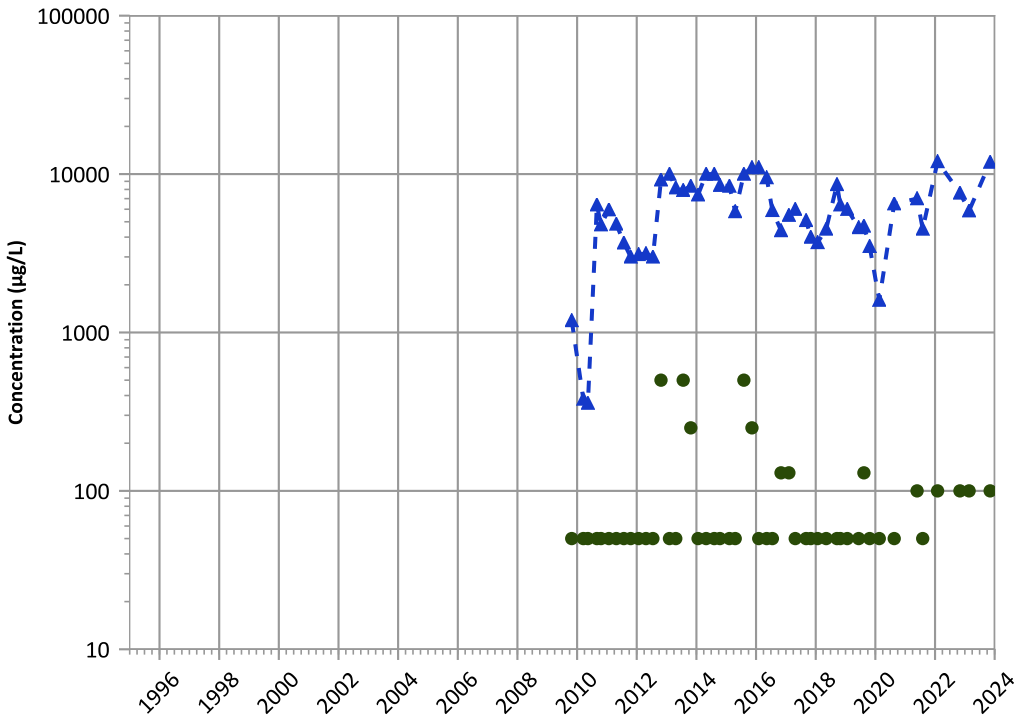
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

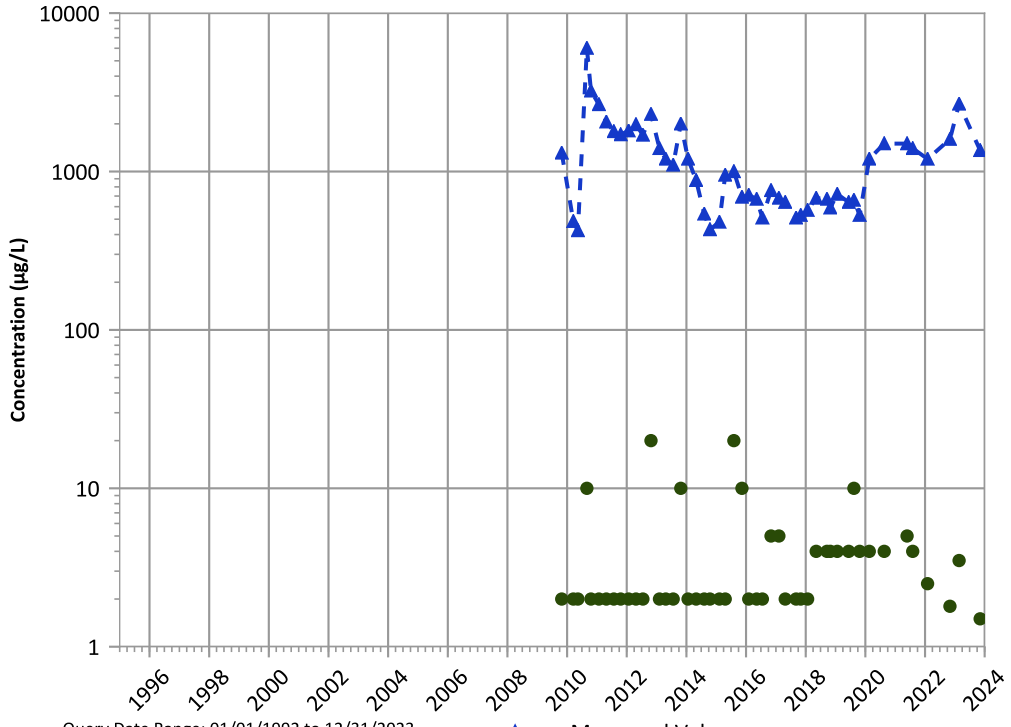


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

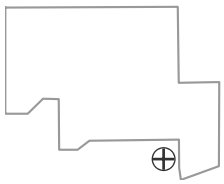
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

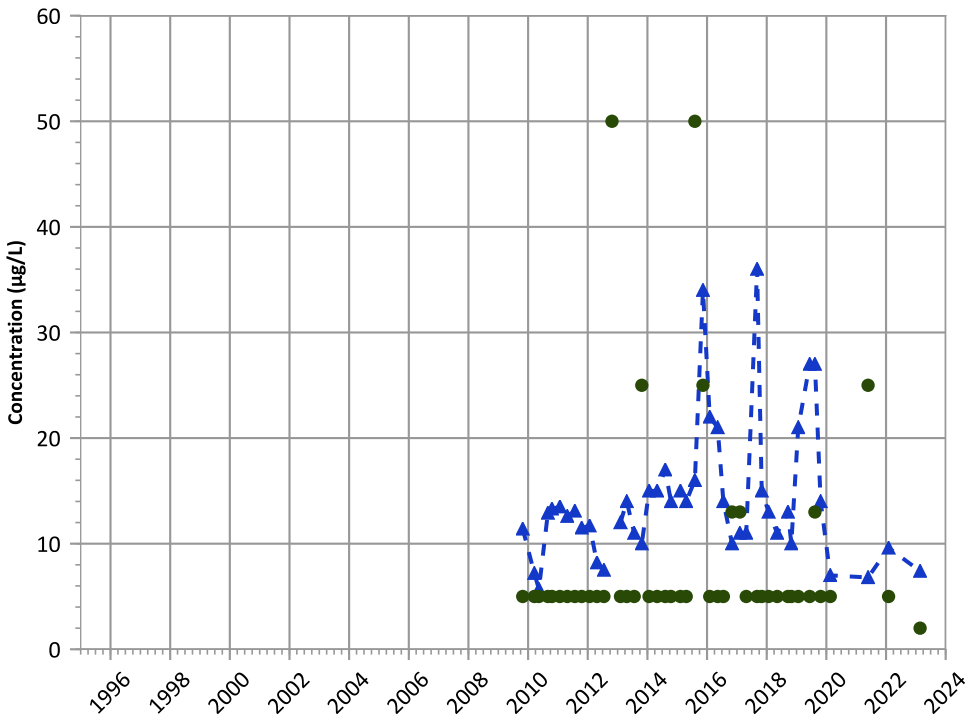
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

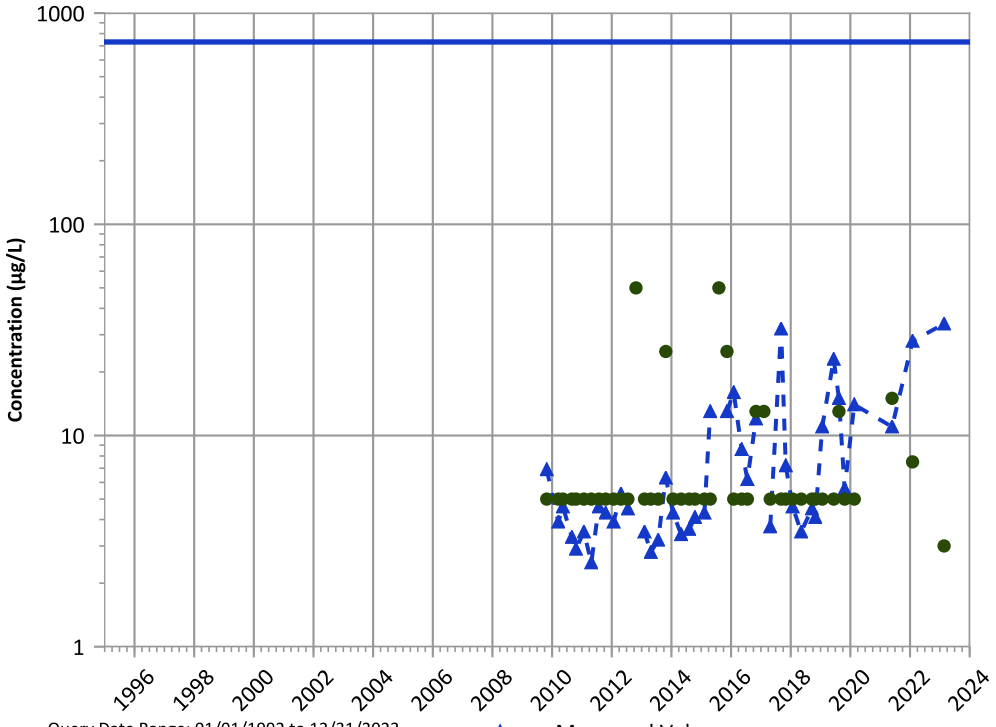


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Nickel Trend



Concentration Trend

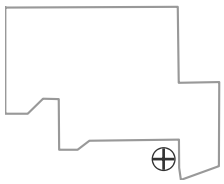
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

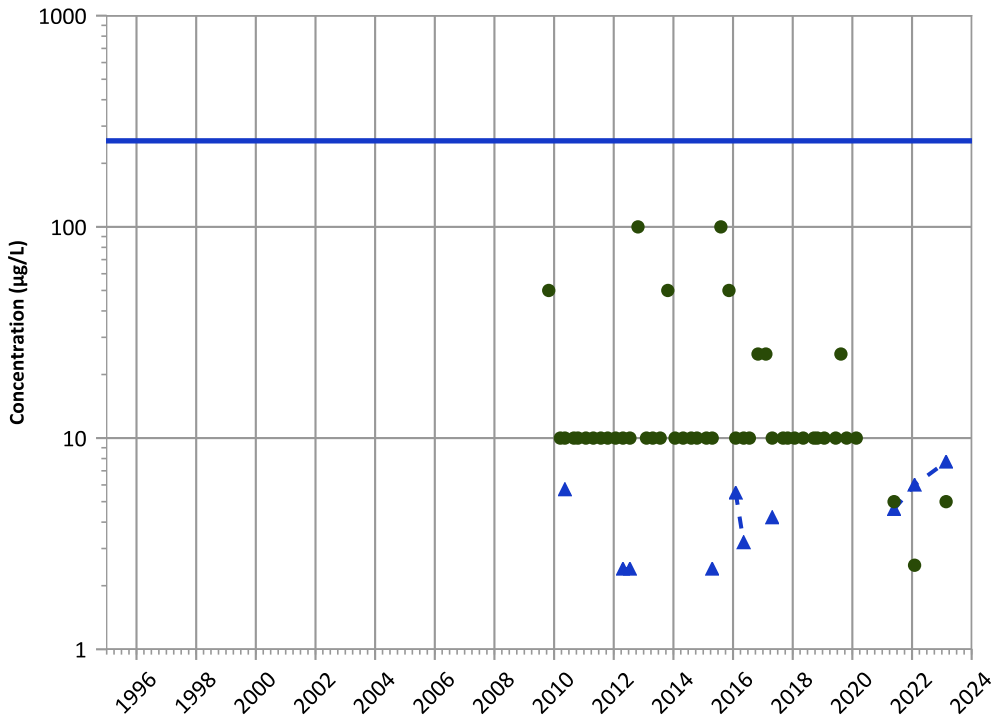
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

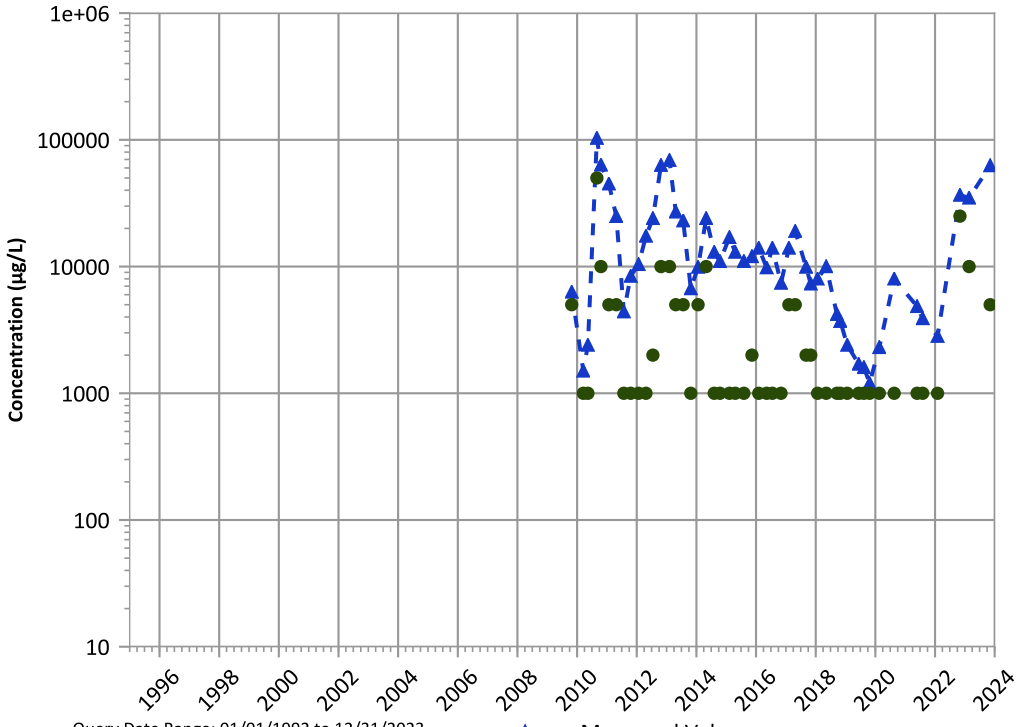


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Total Organic Carbon Trend



Concentration Trend

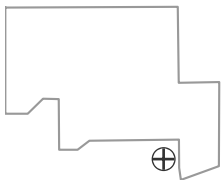
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

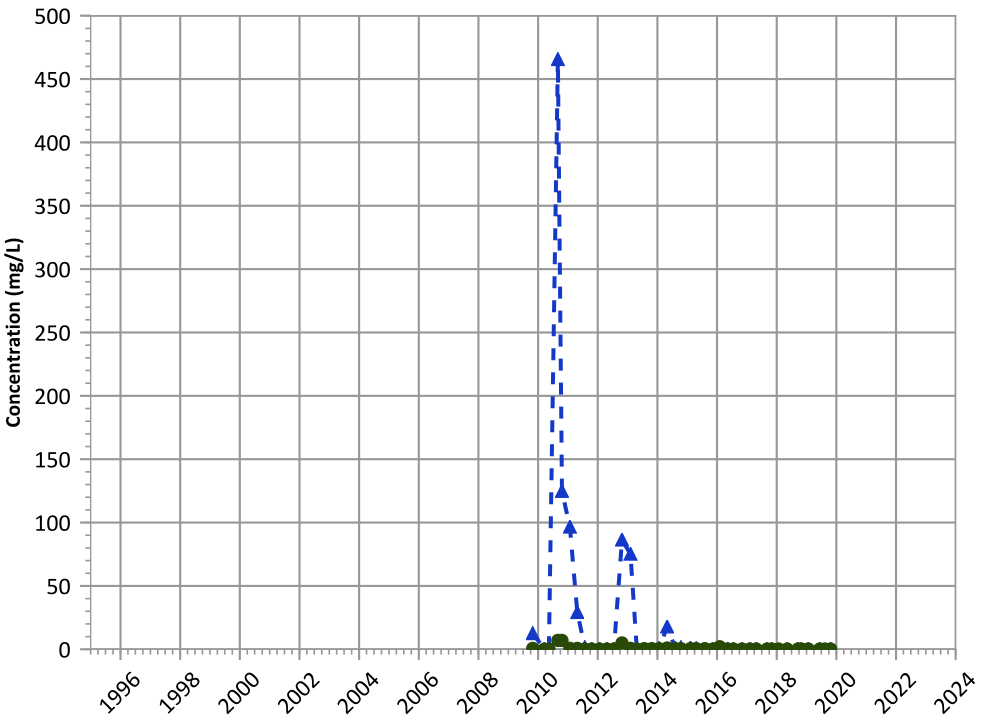
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

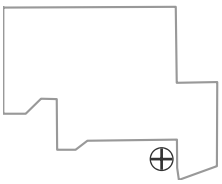
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

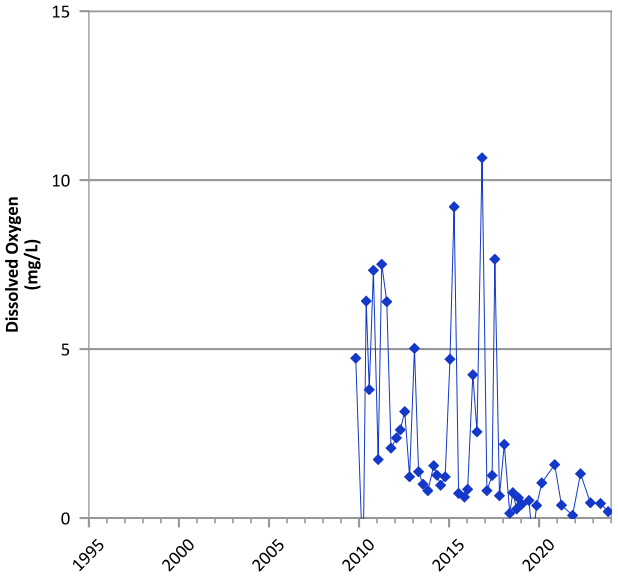
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/27/2009 to 11/07/2023
Analysis Date: 04/01/2024

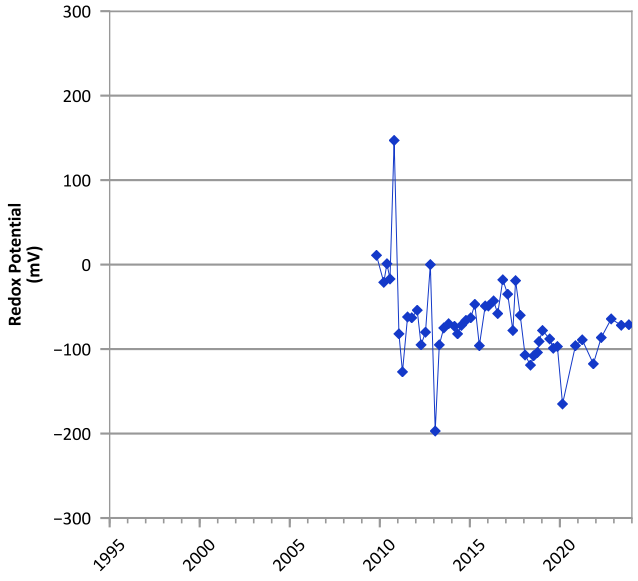
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

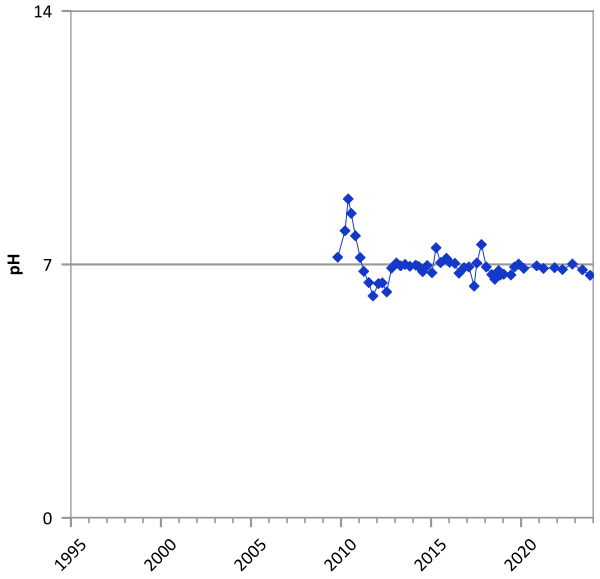
Well Location

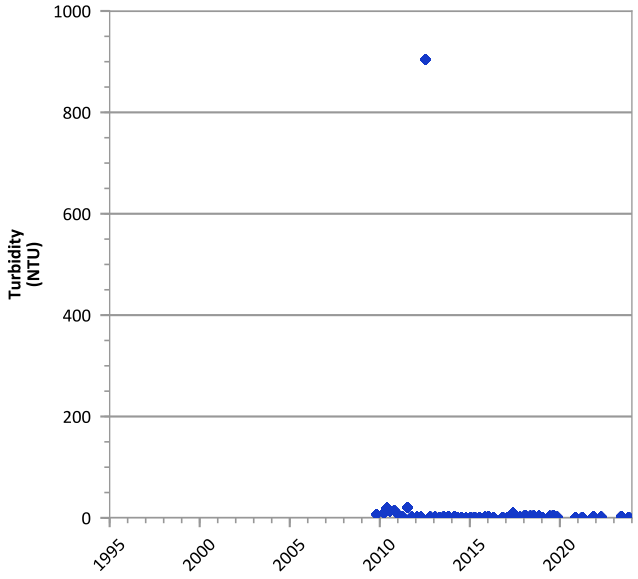


PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

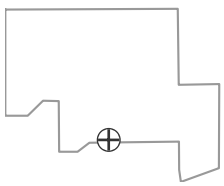






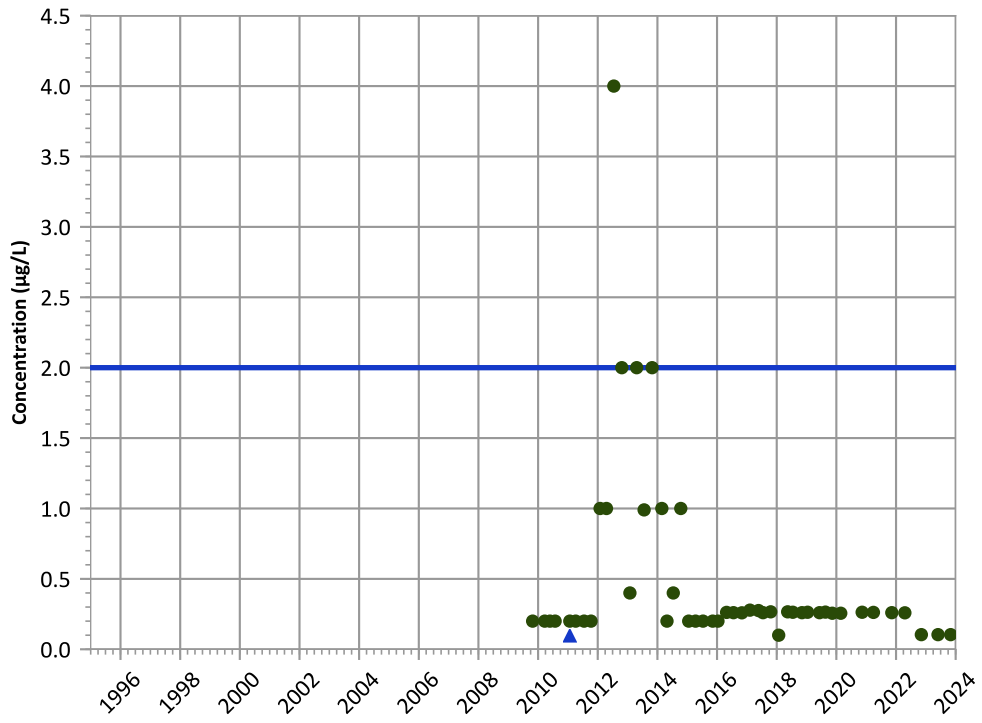


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

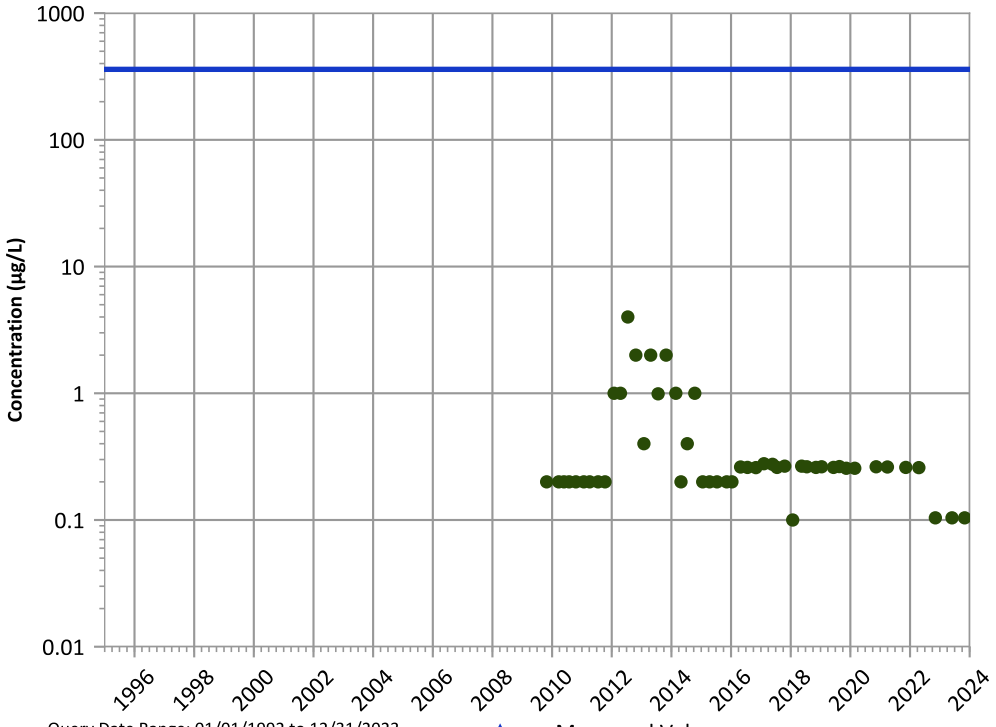


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

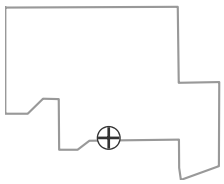
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

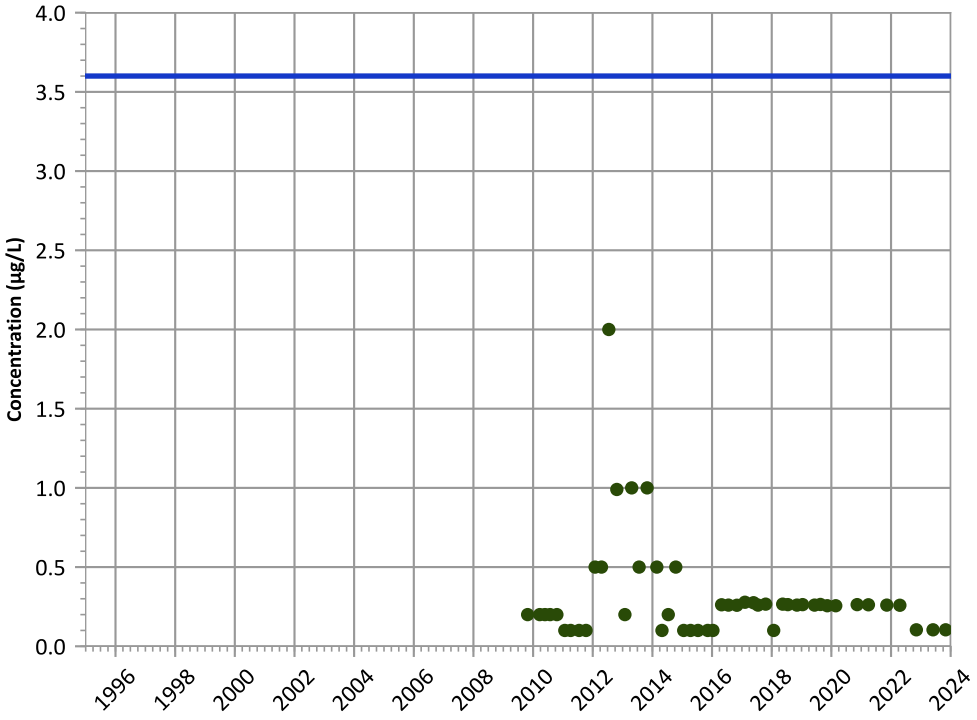
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

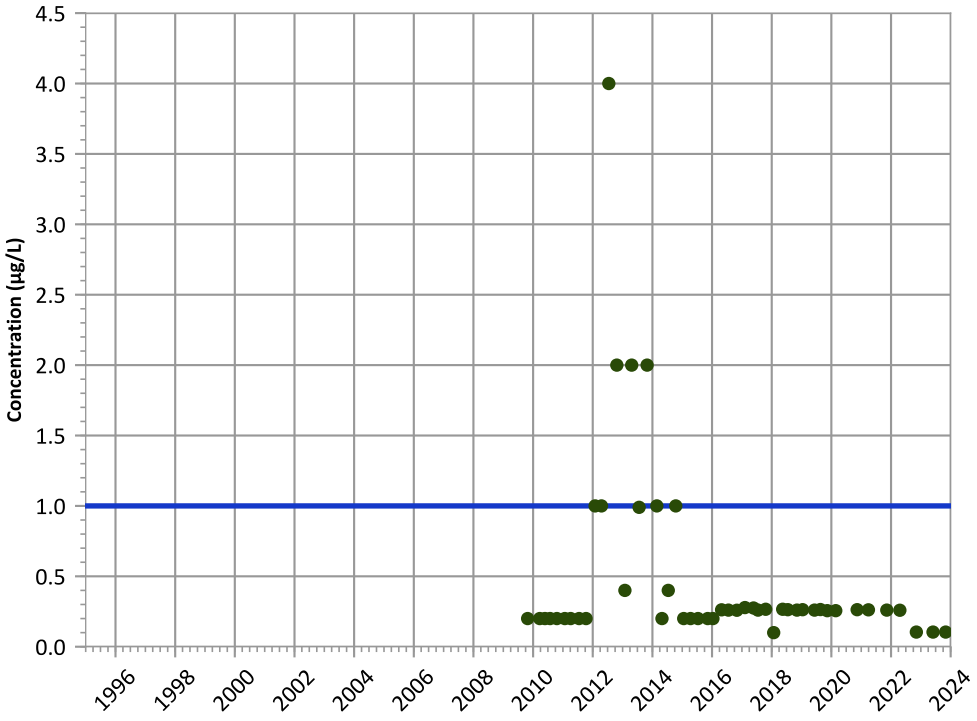


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

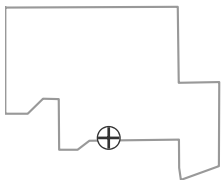
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

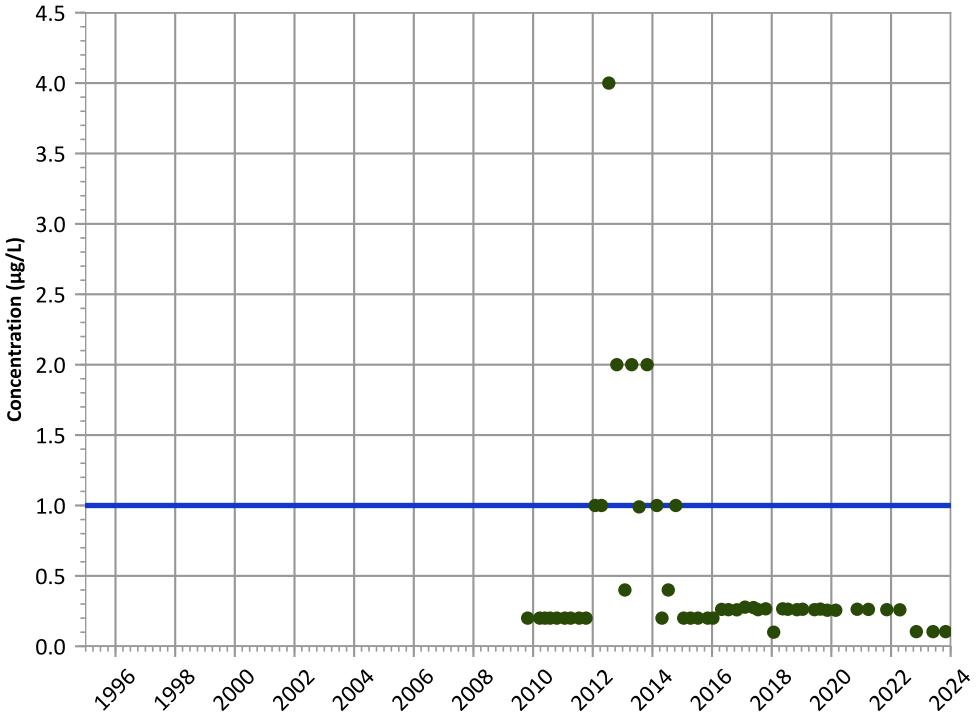
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

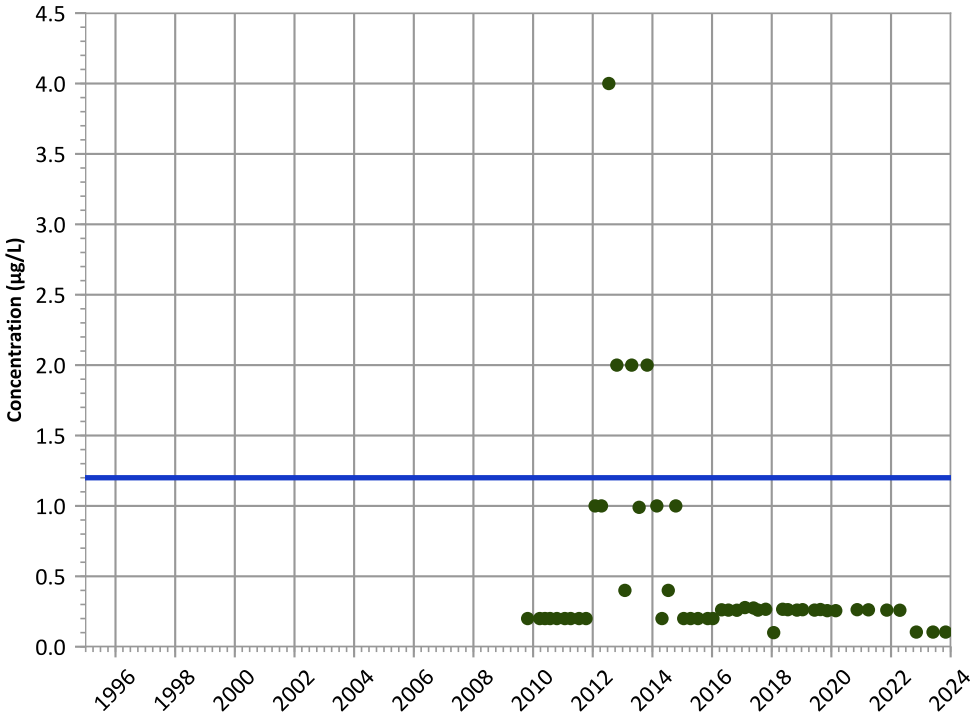


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

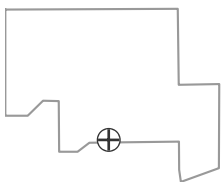
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

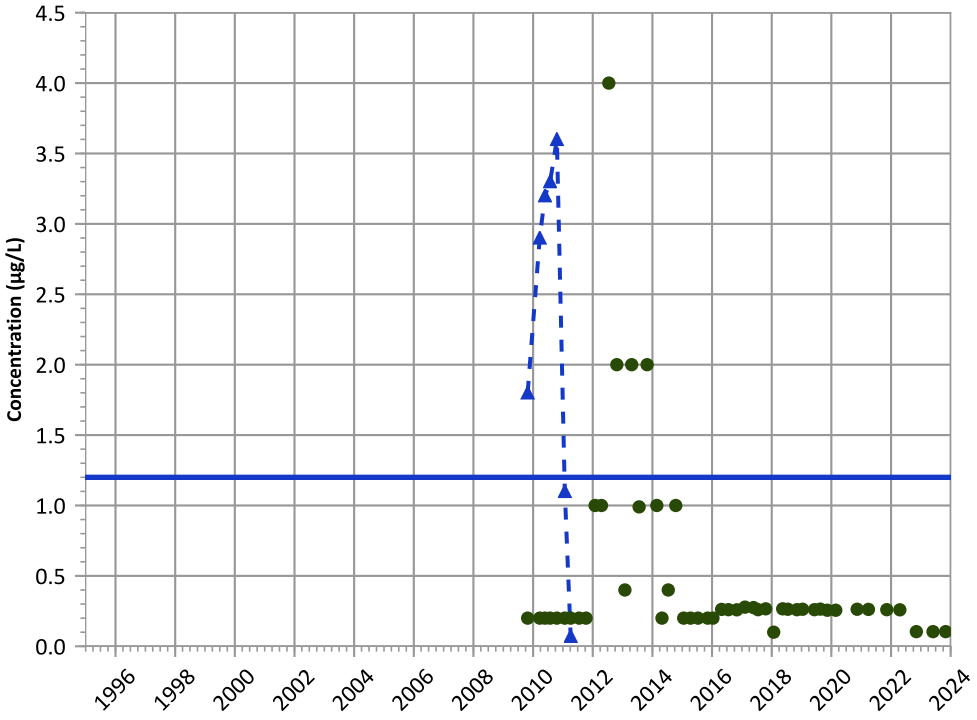
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

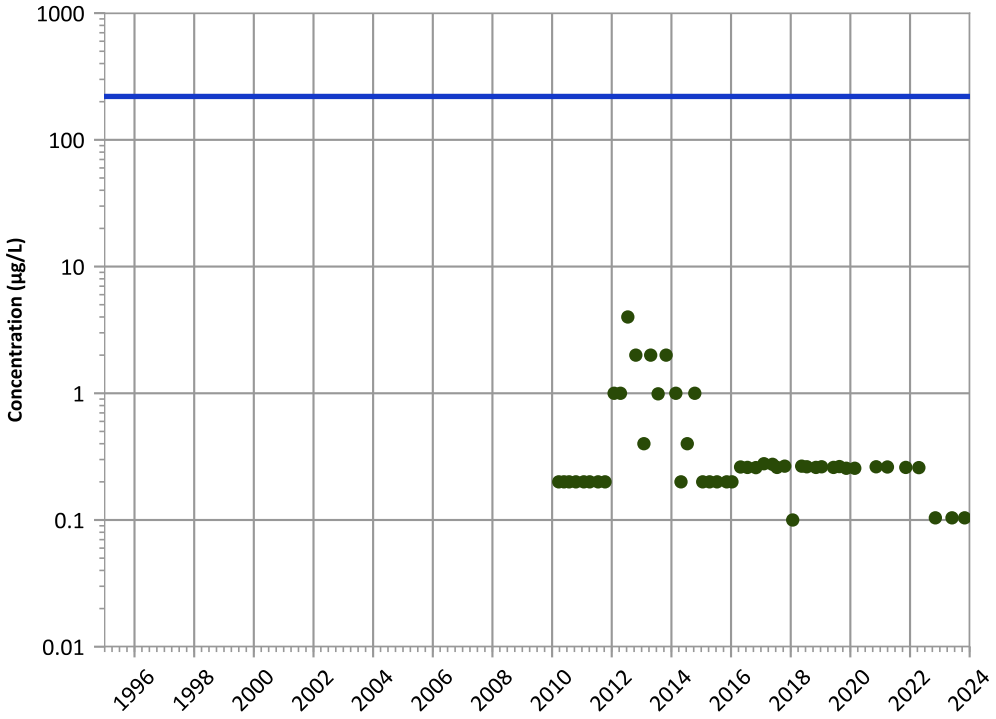


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

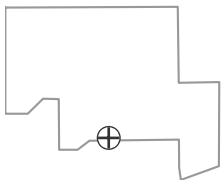
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

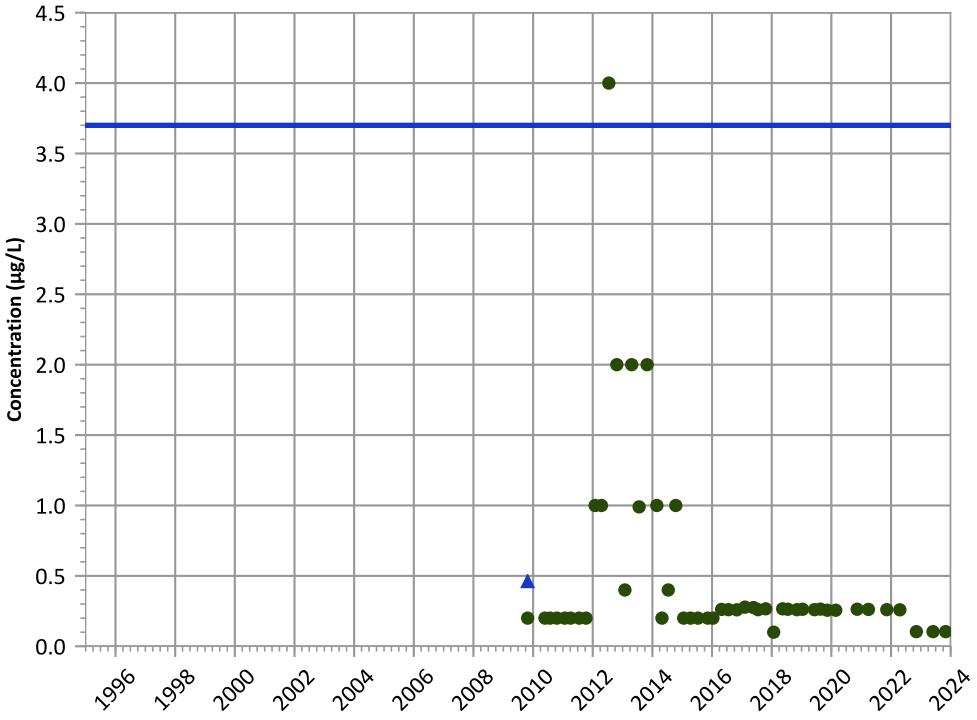
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

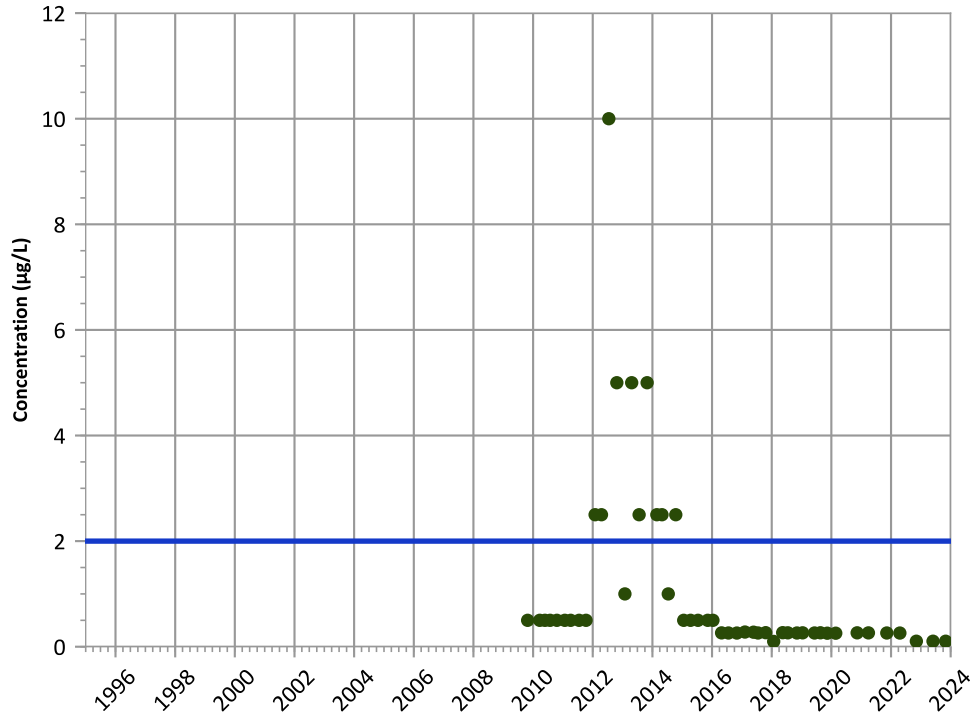


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

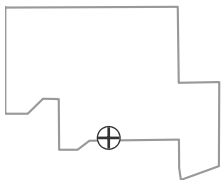
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

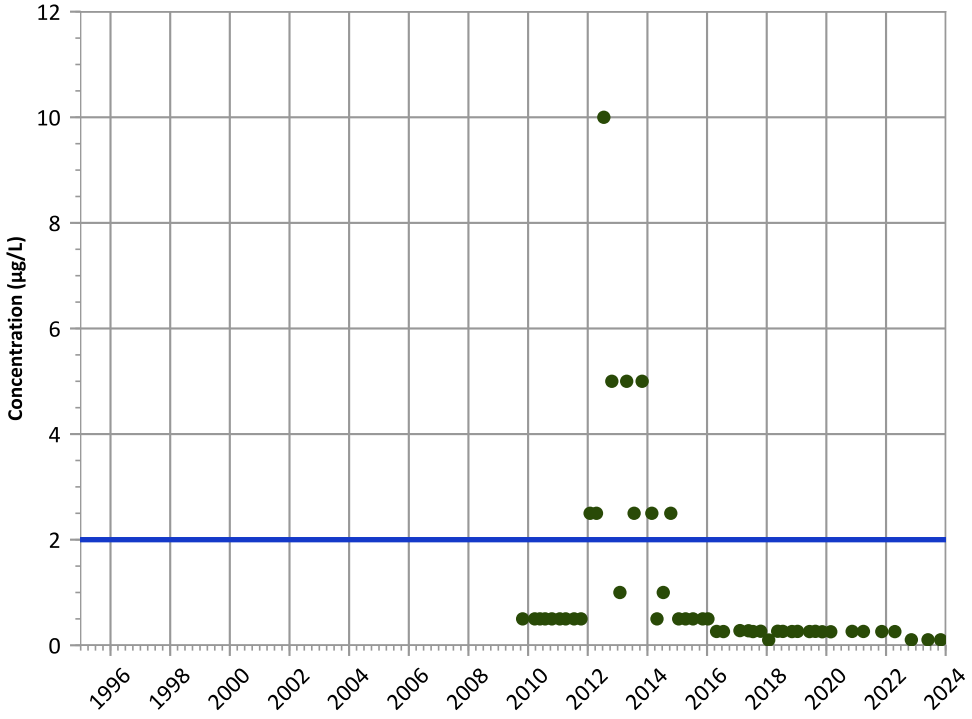
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

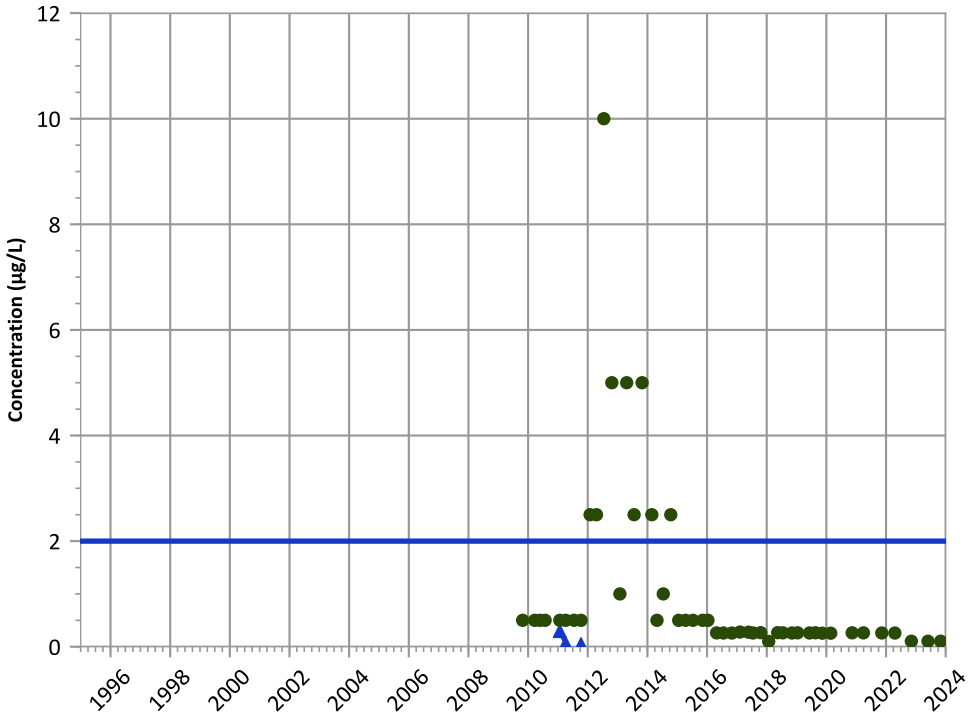


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

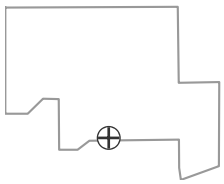
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

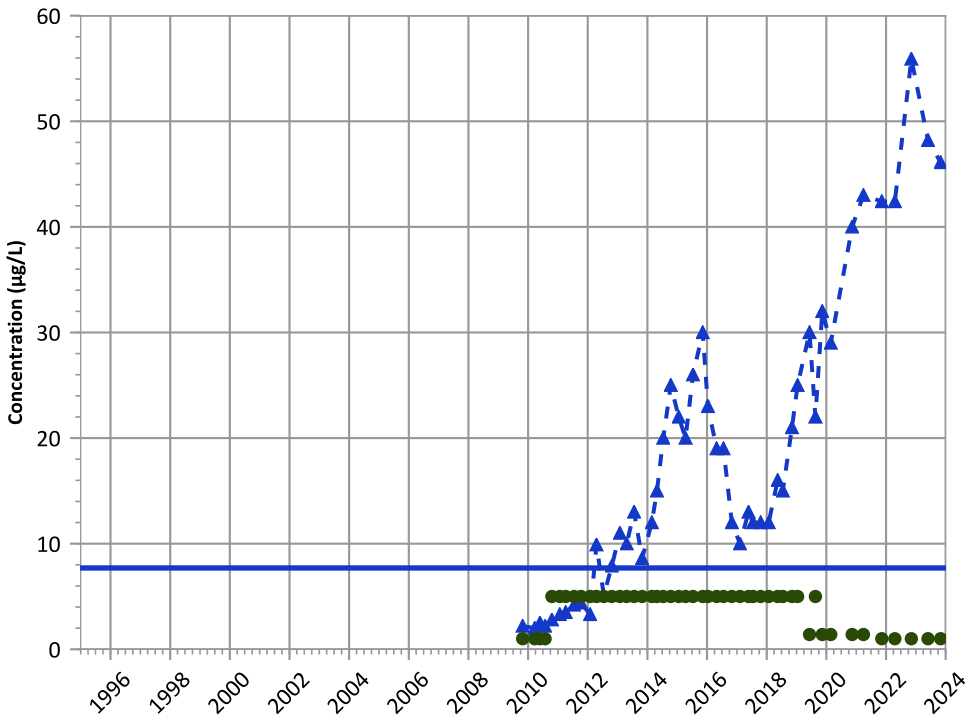
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

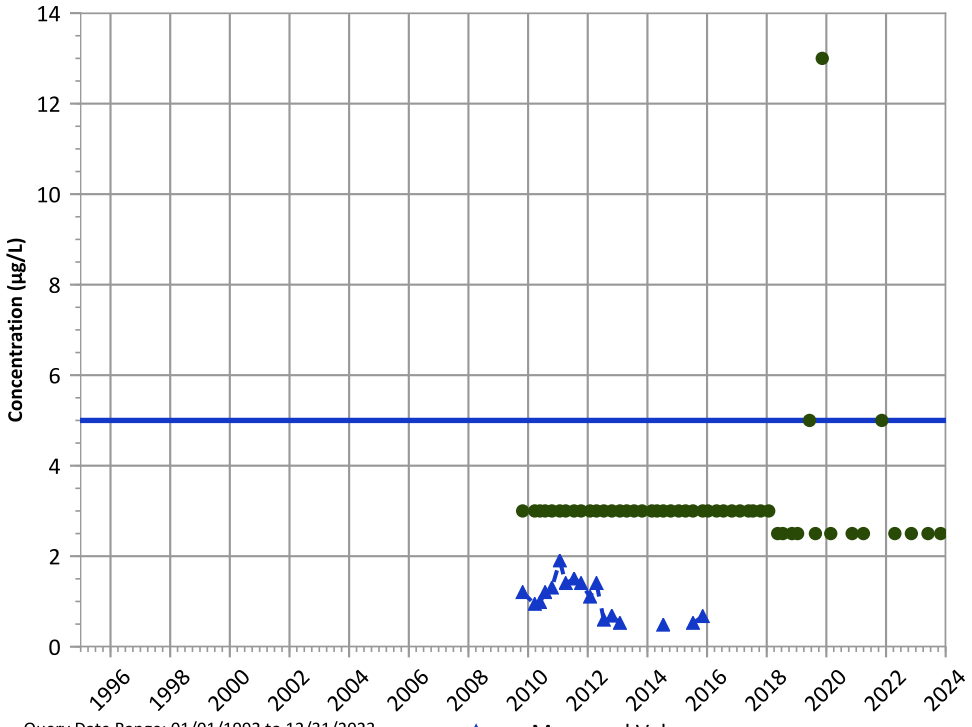


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

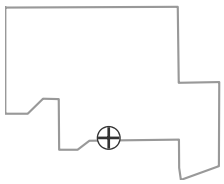
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

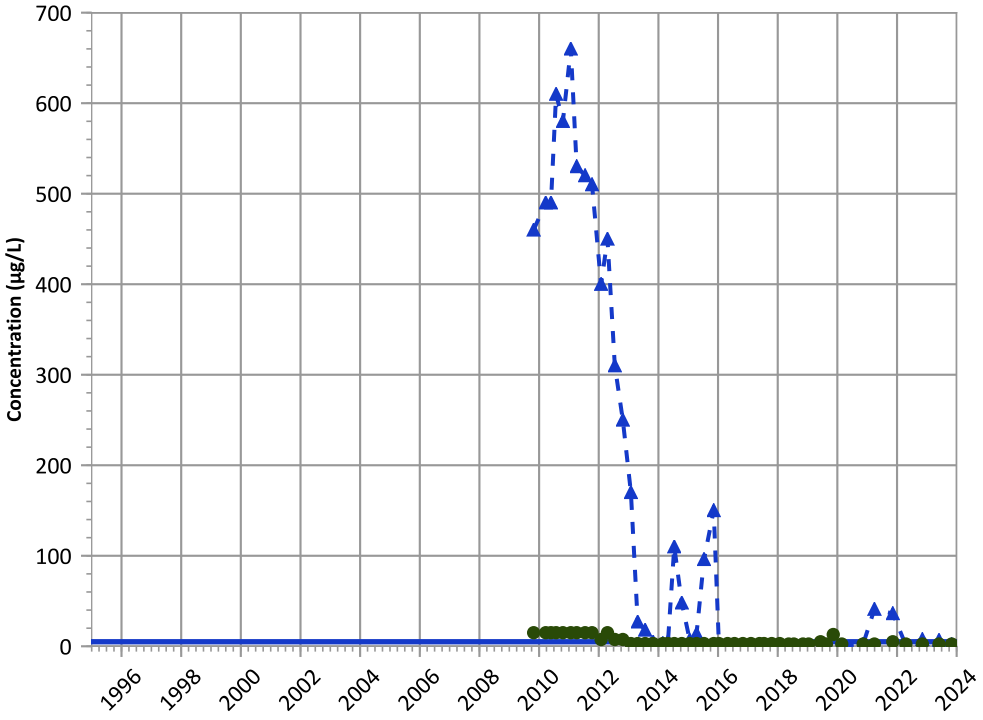
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

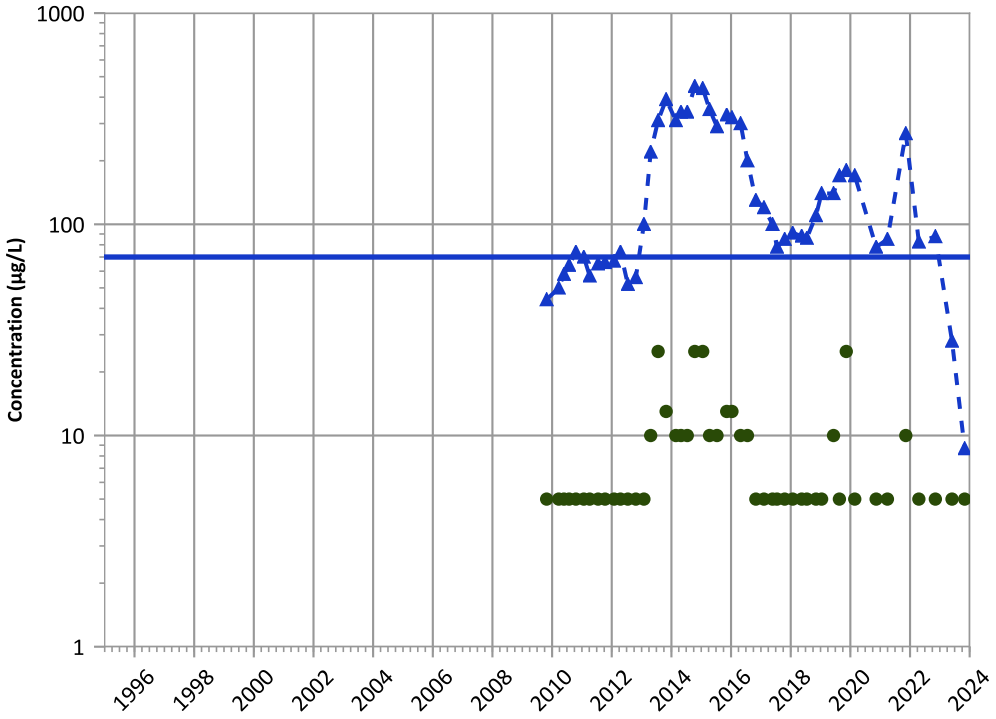


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

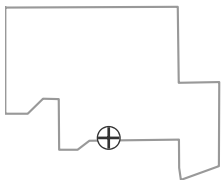
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

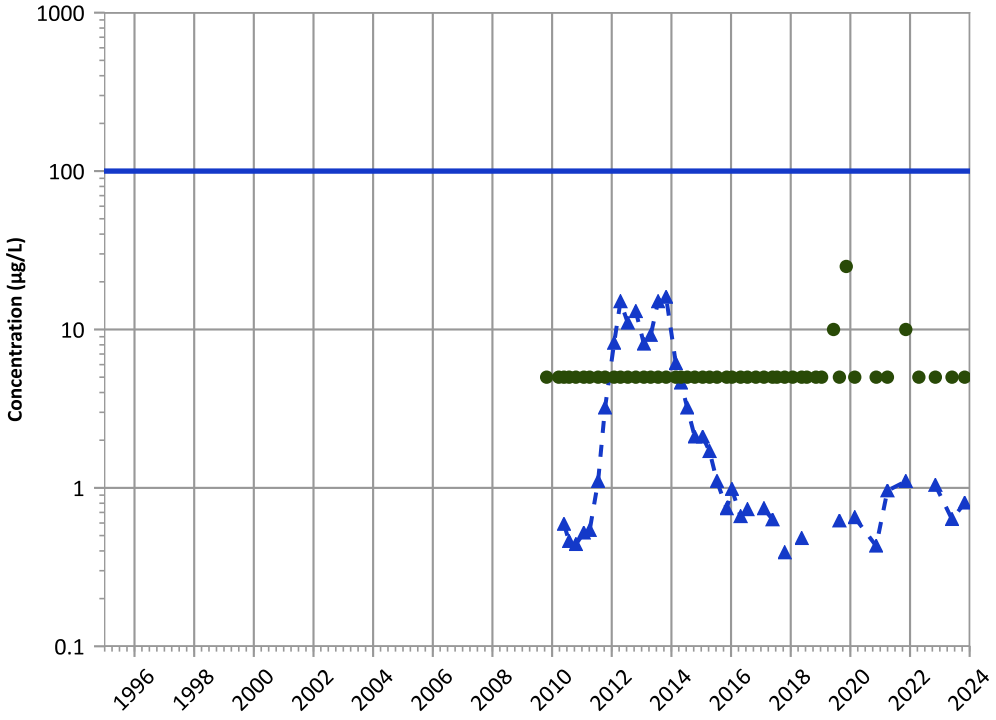
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

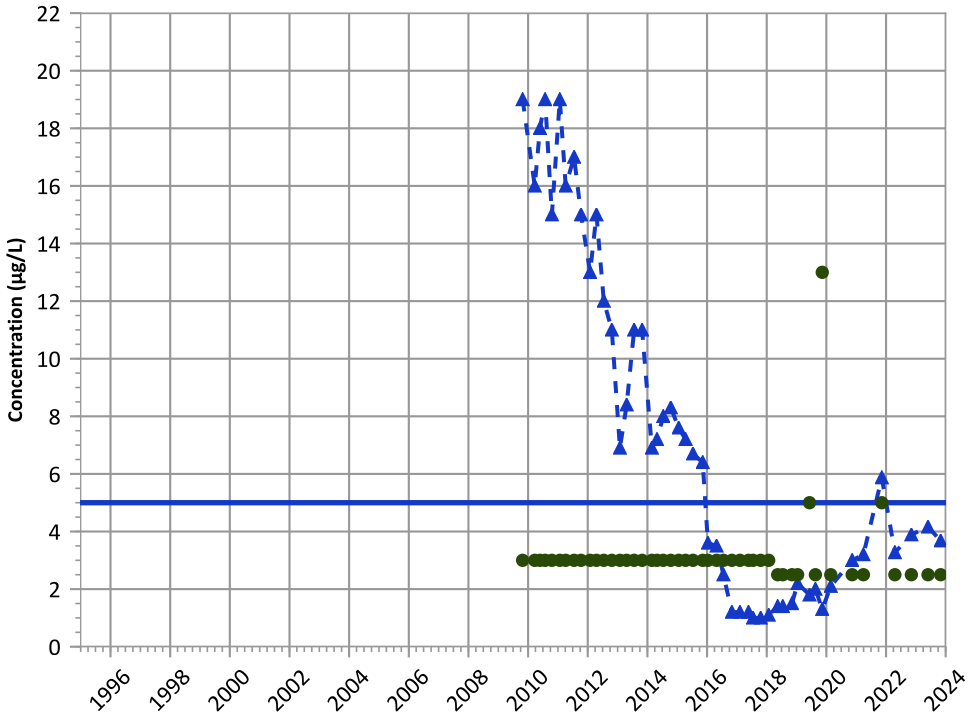


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

1,2-Dichloroethane Trend



Concentration Trend

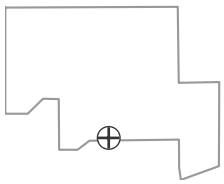
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

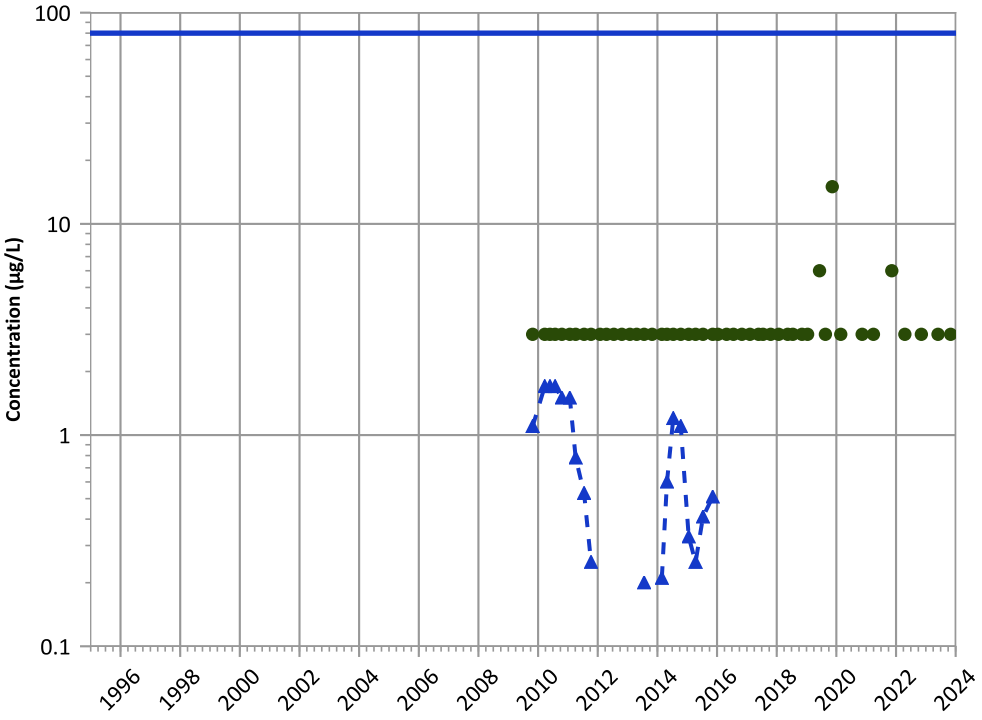
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

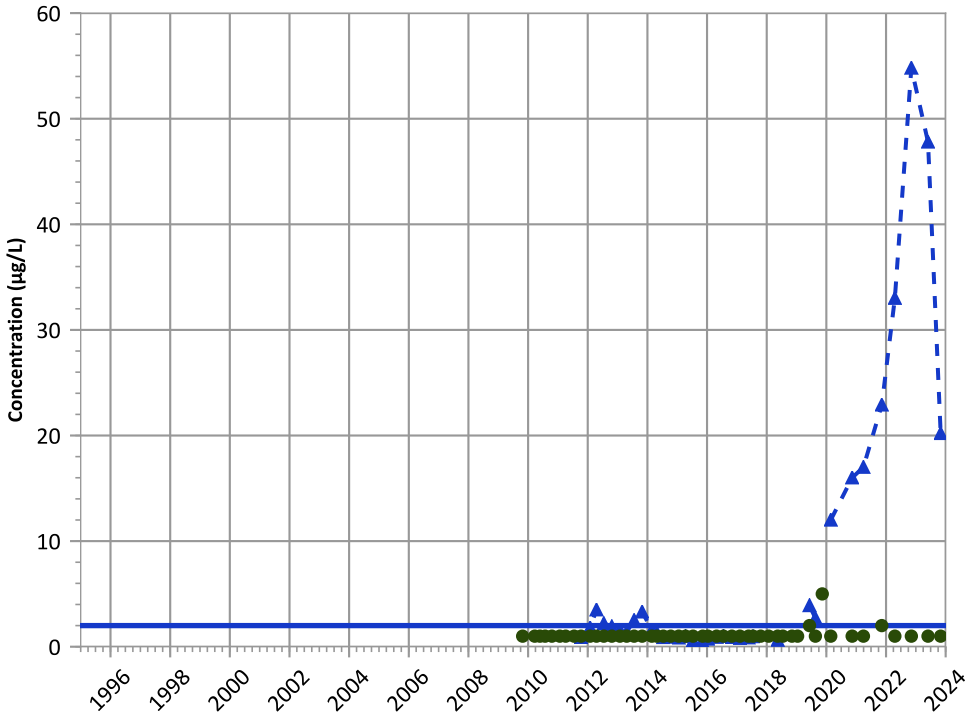


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

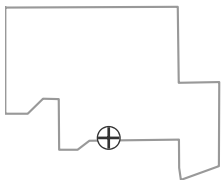
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

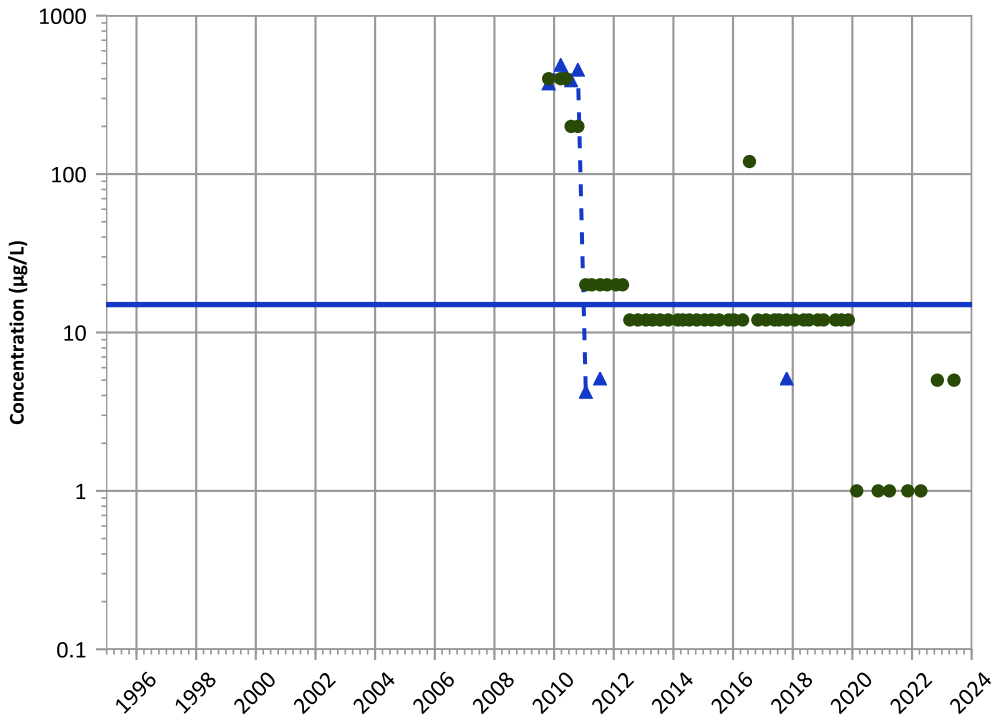
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

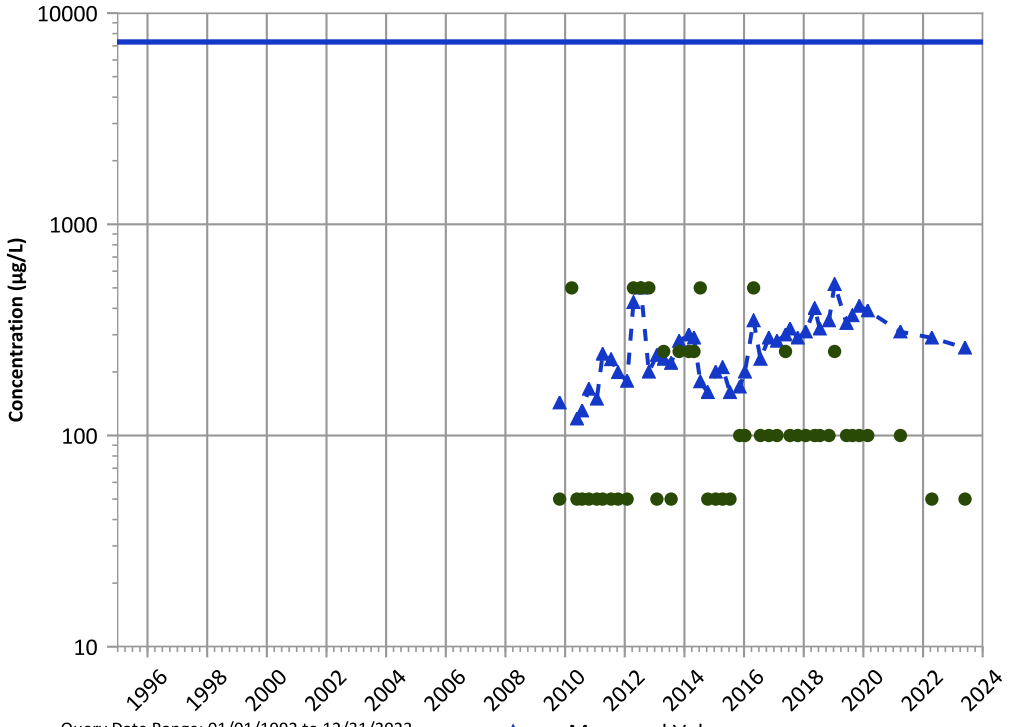


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Boron Trend



Concentration Trend

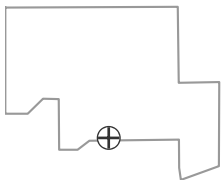
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

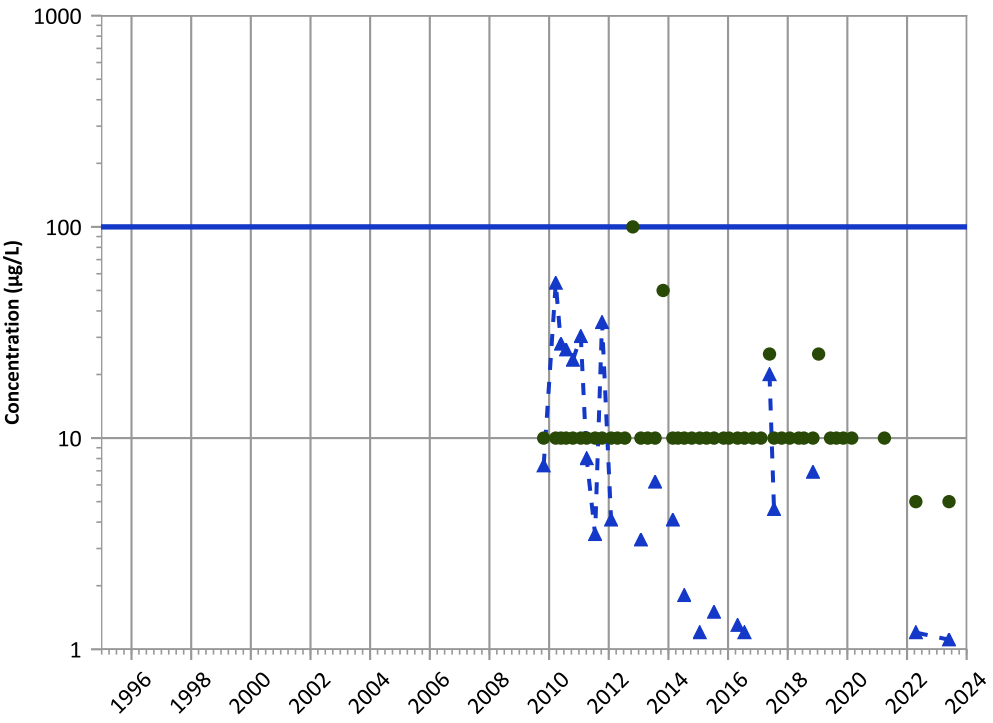
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

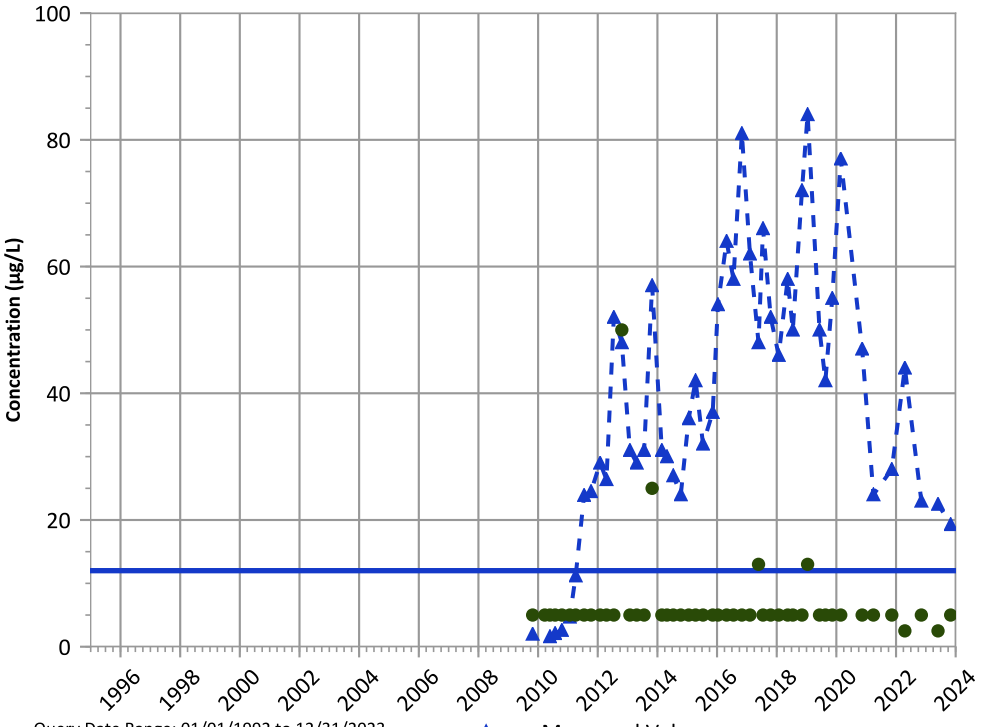


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Arsenic Trend



Concentration Trend

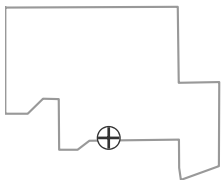
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

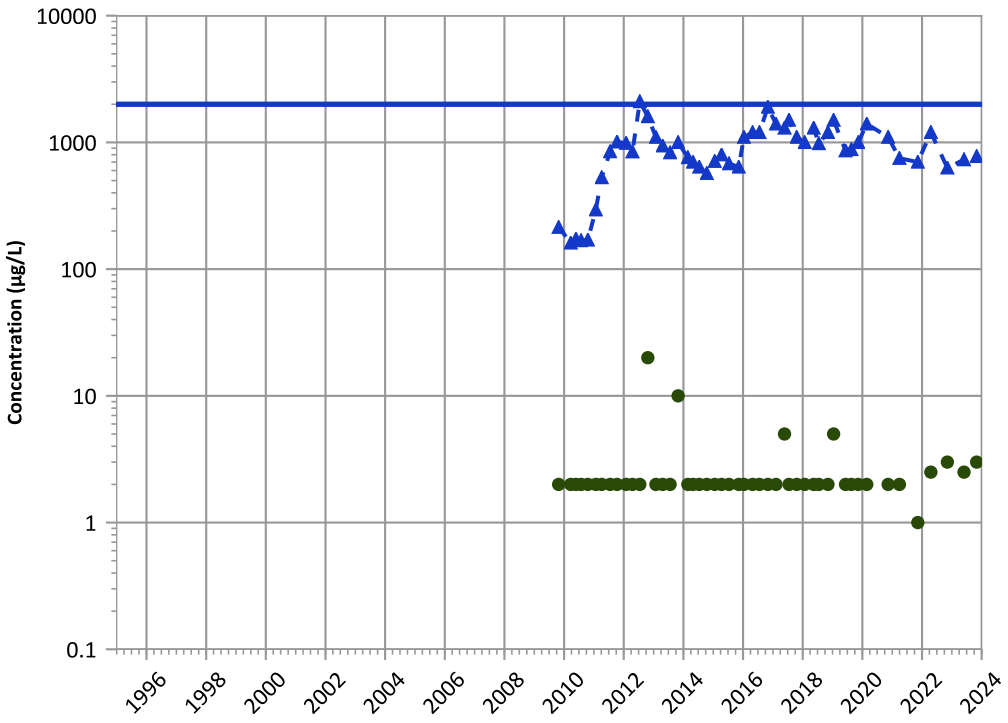
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

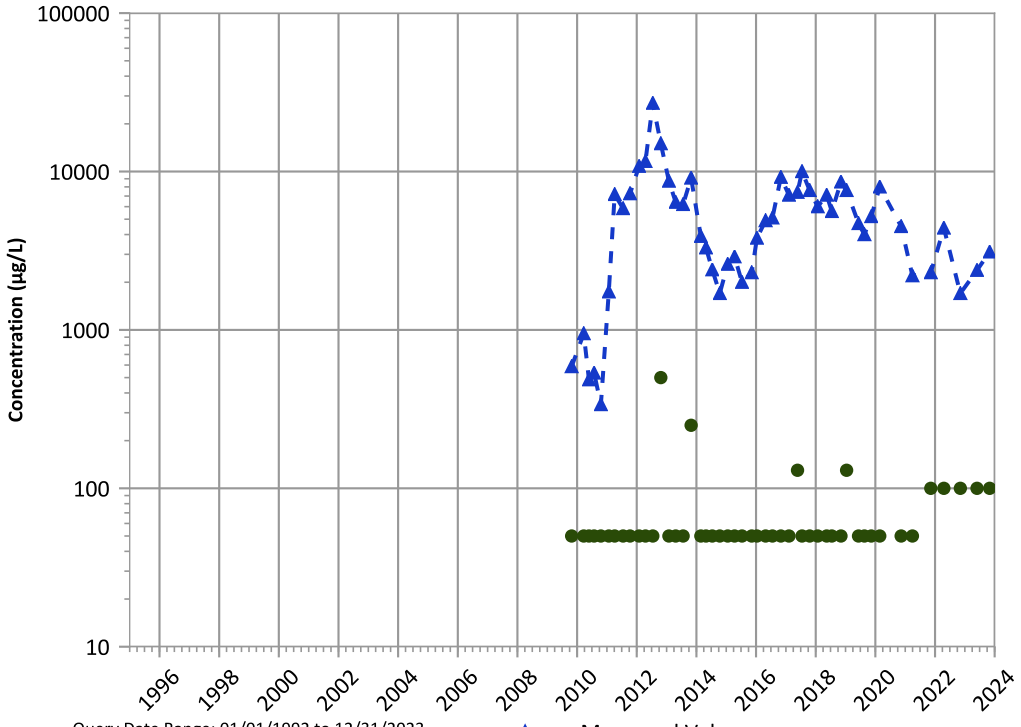


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Iron Trend



Concentration Trend

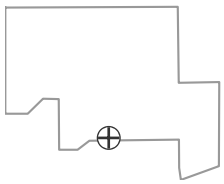
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

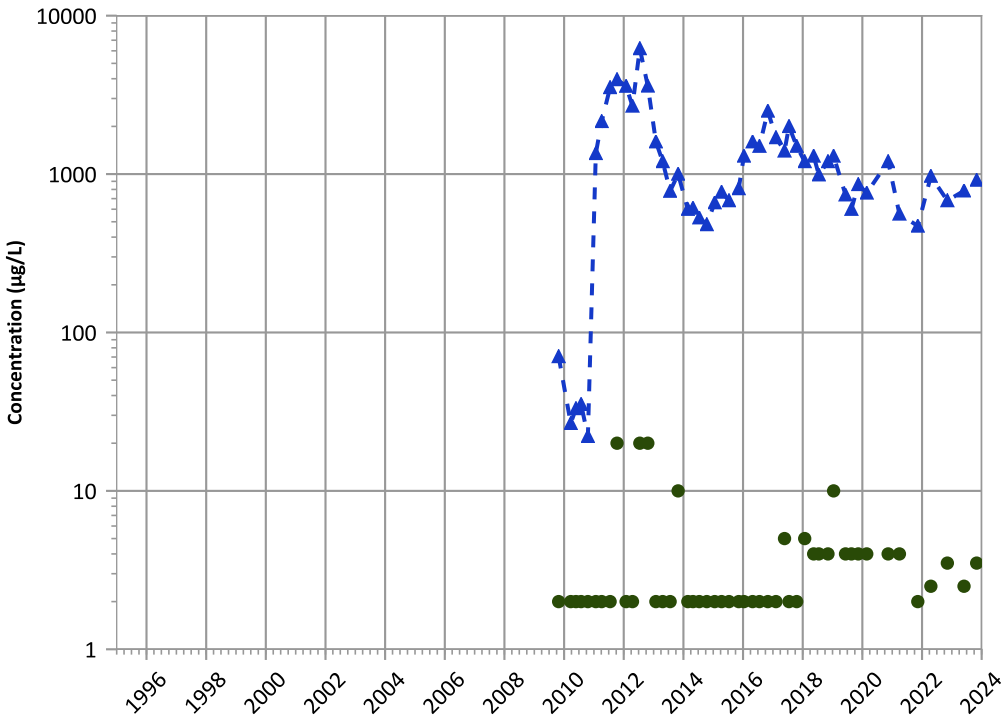
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

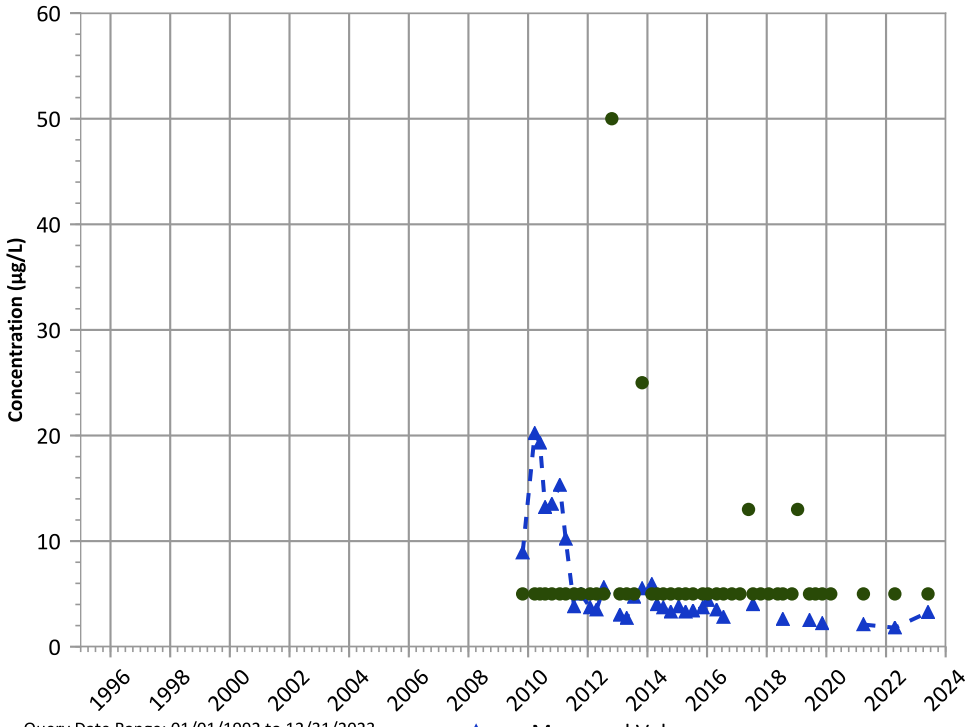


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Molybdenum Trend



Concentration Trend

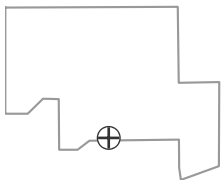
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

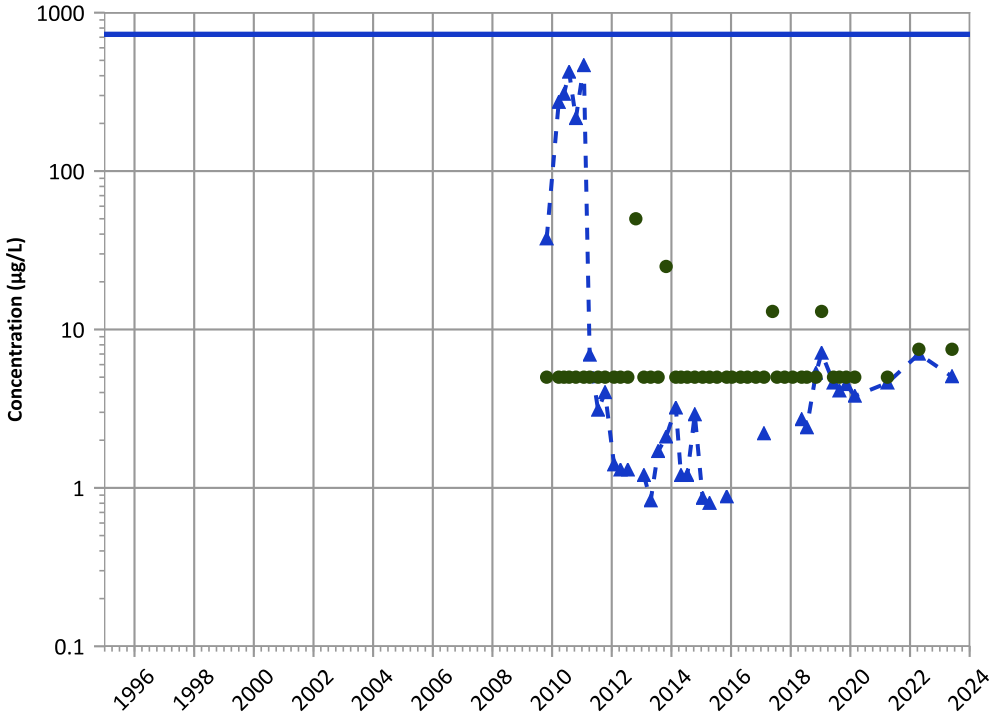
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

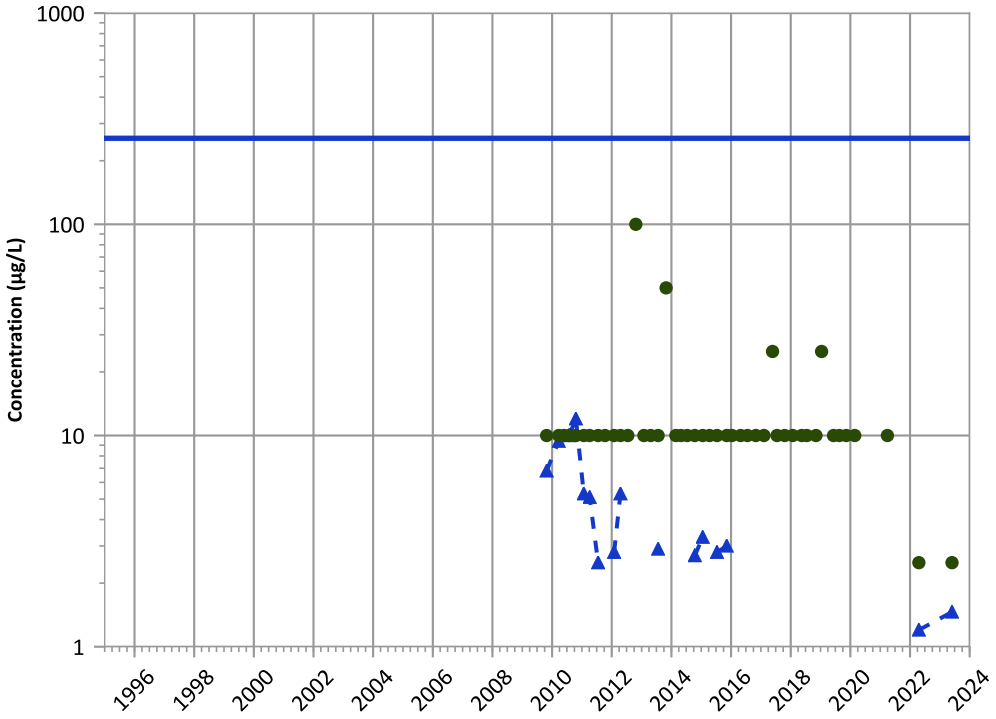


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

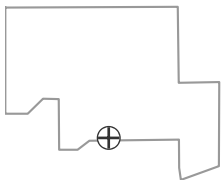
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

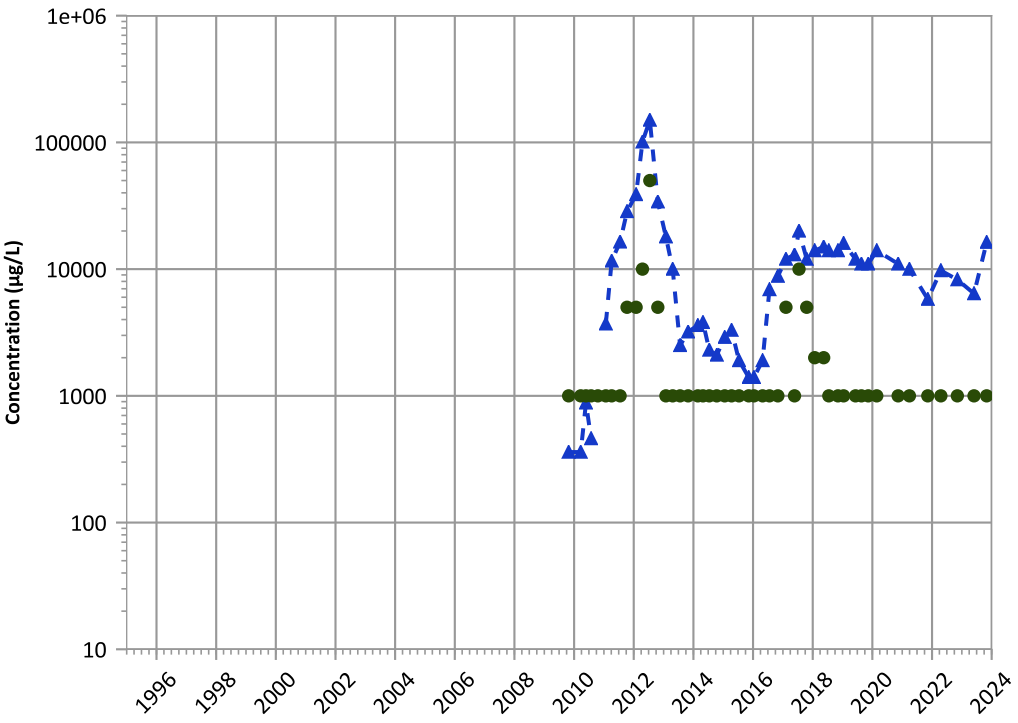
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

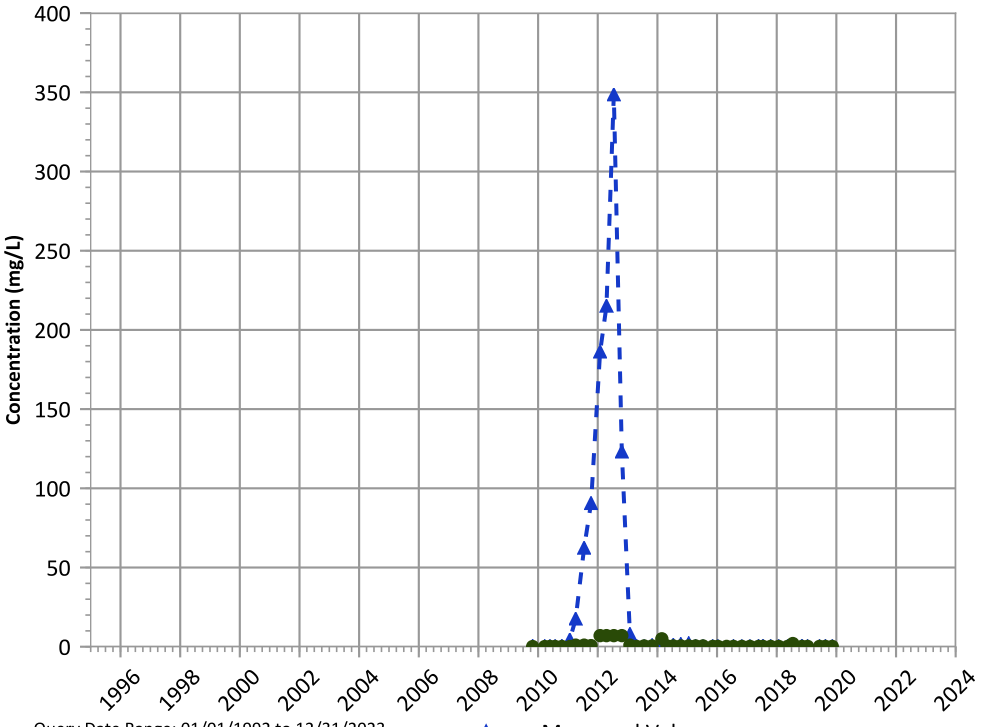


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

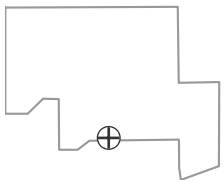
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

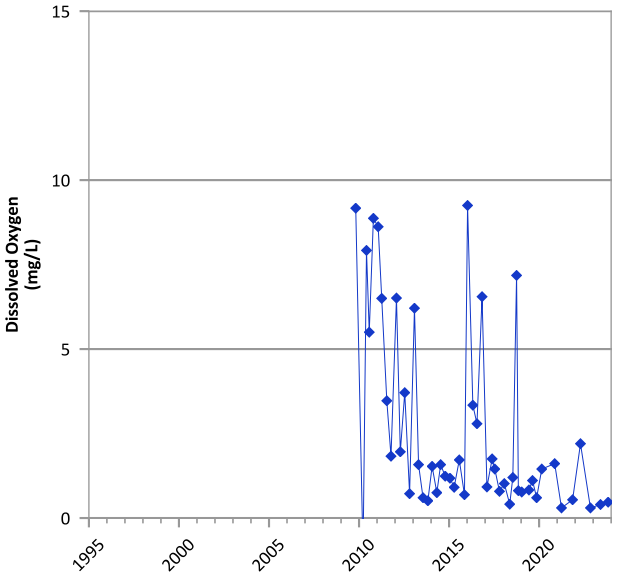
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

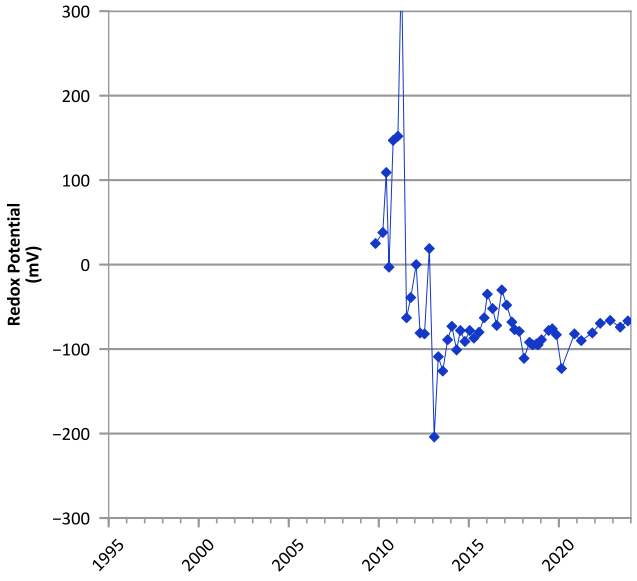
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

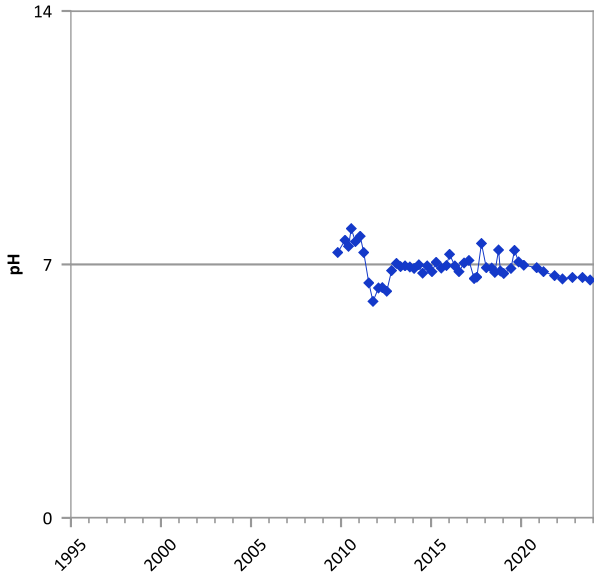
Well Location

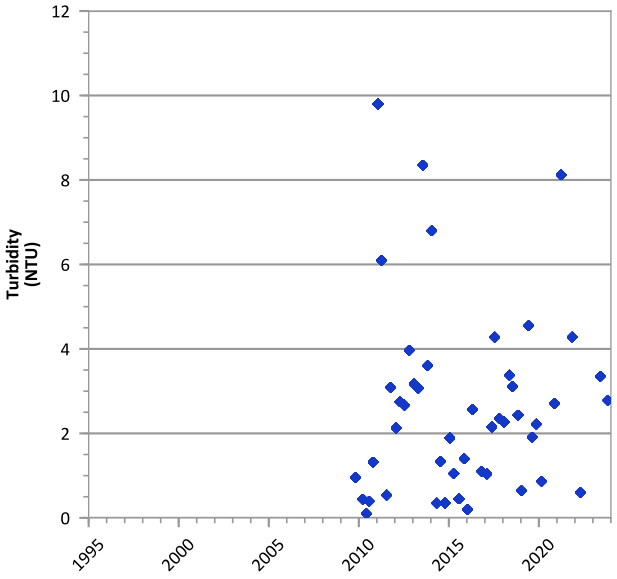


PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

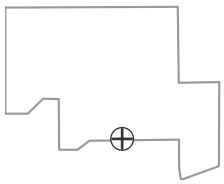






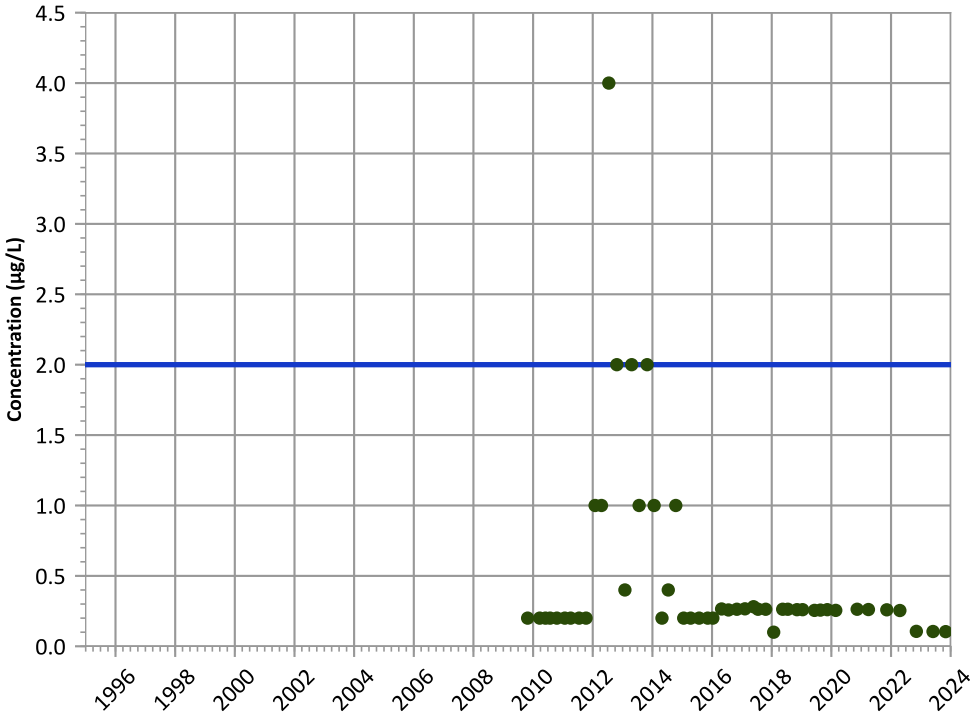


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

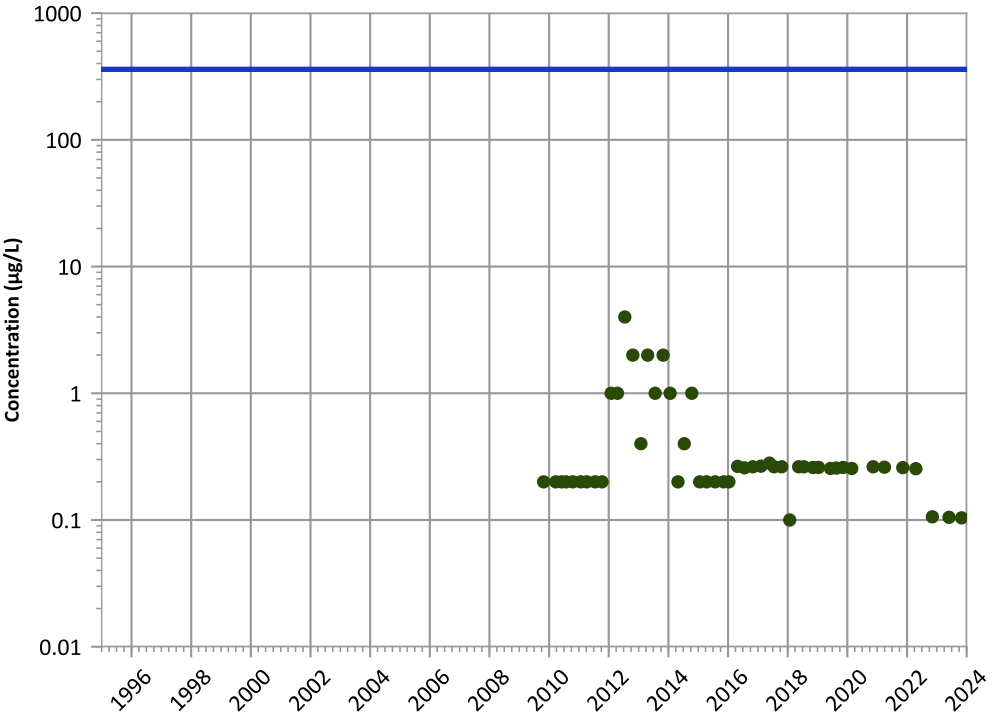
RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



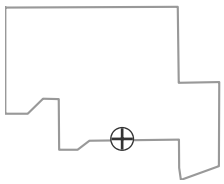
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

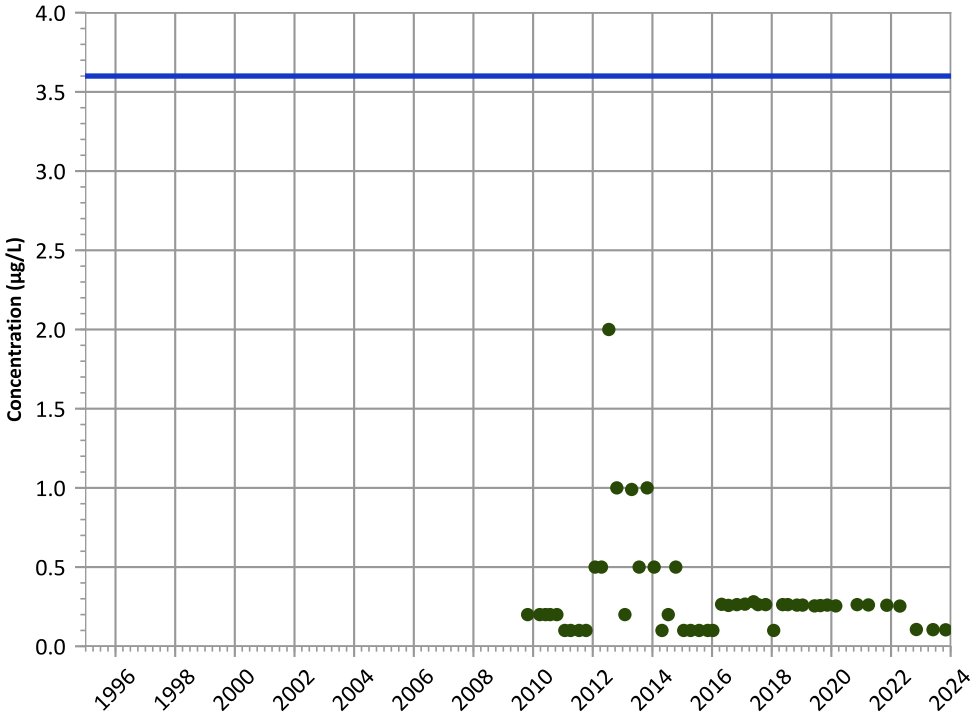
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

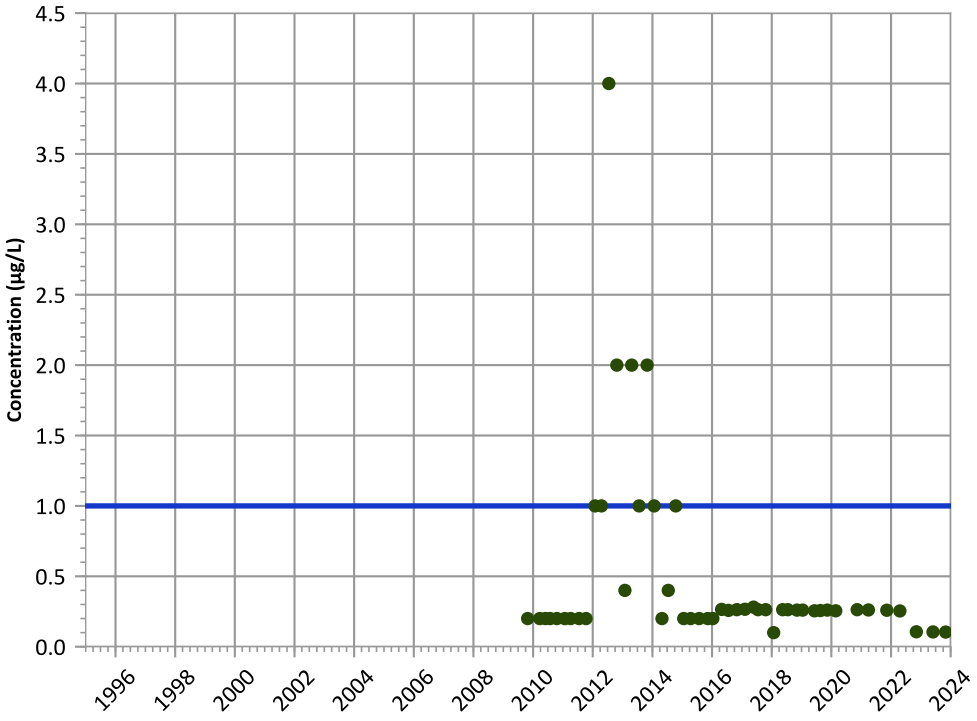


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

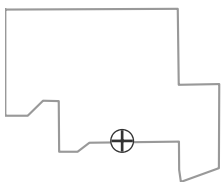
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

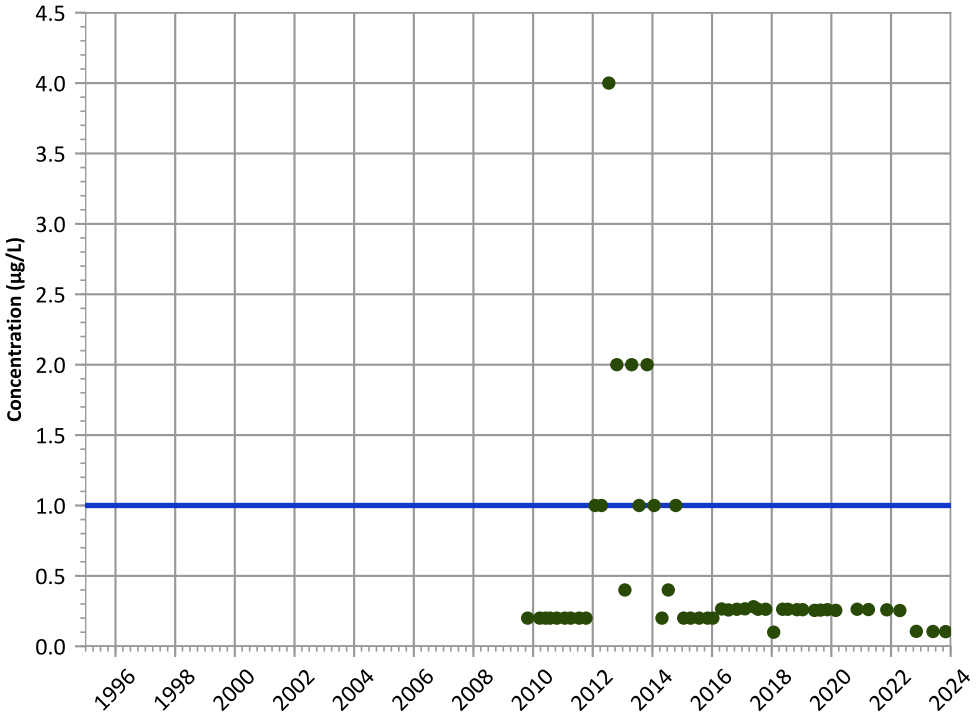
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

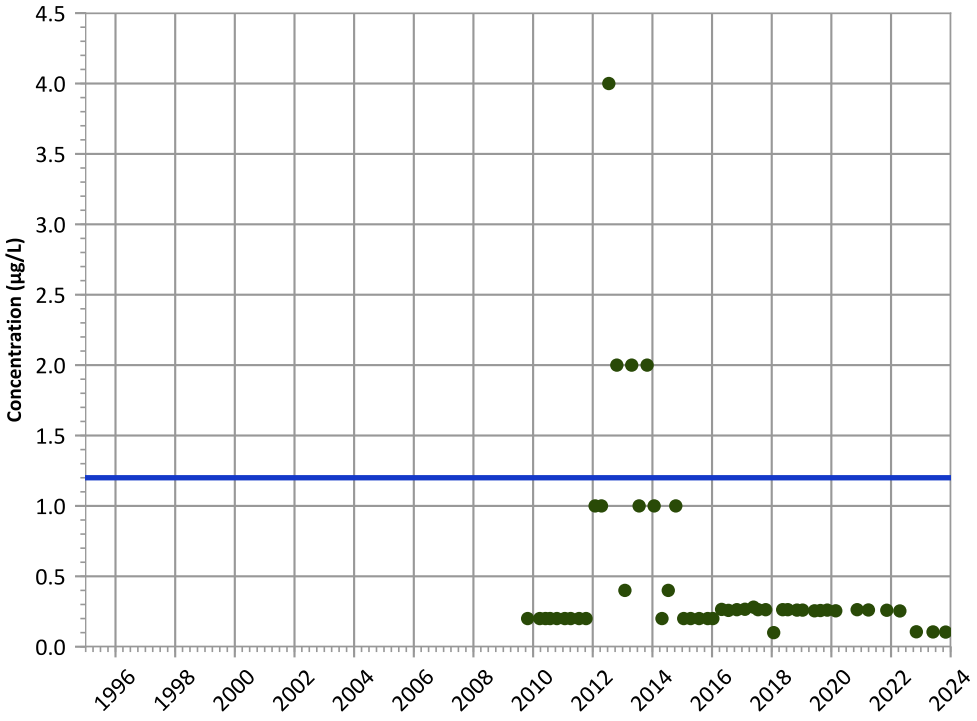


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

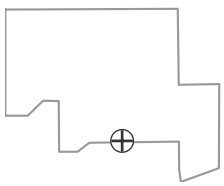
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

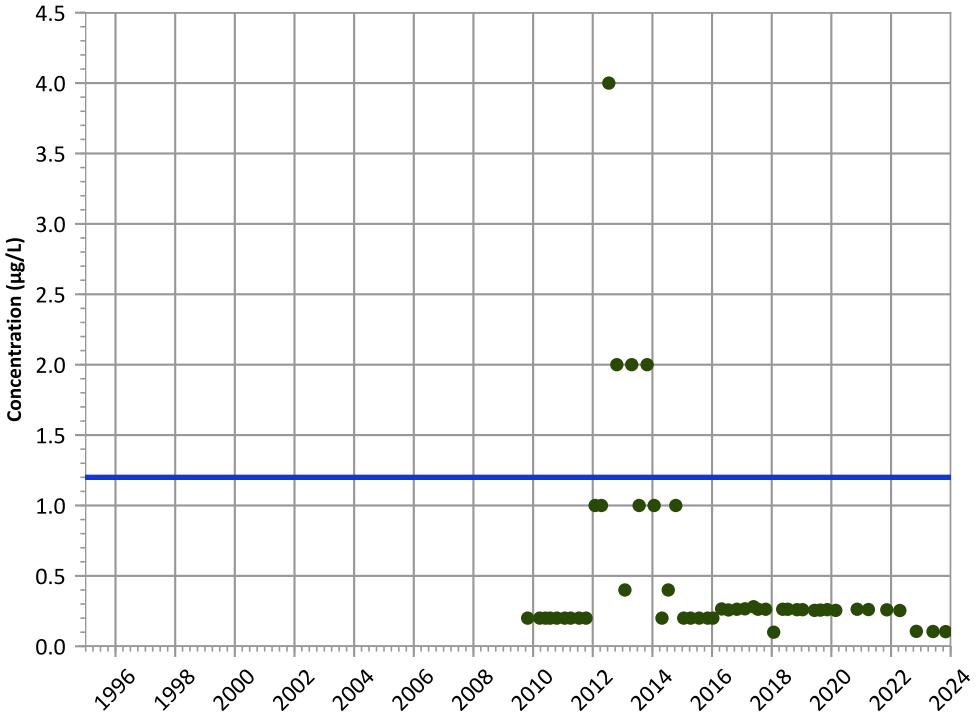
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

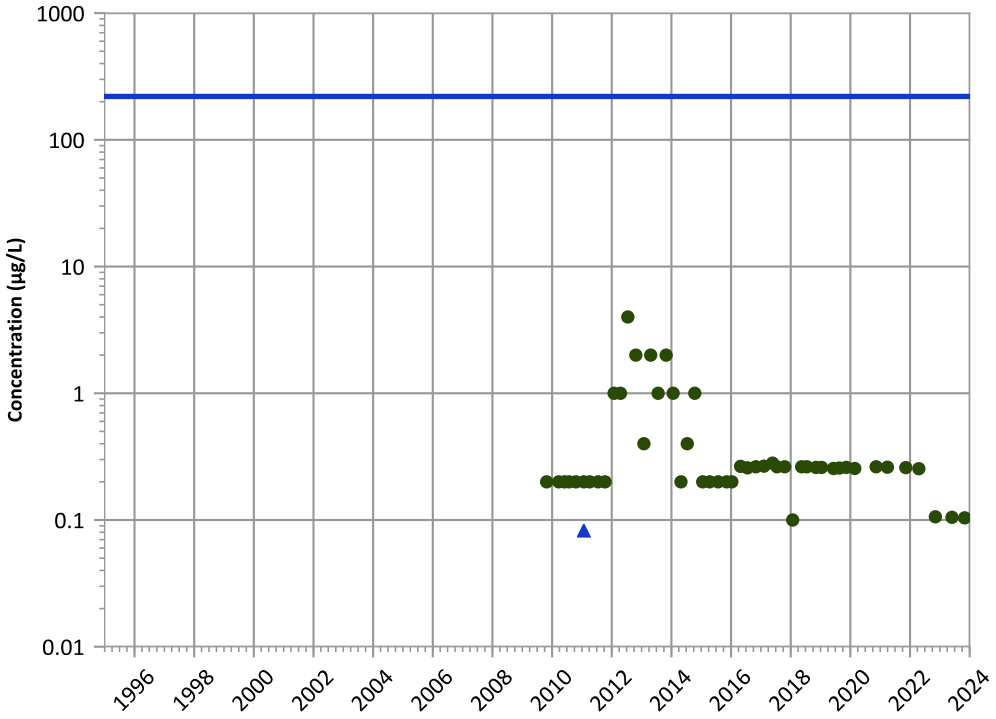


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

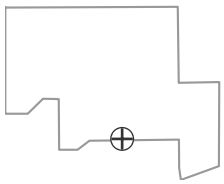
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

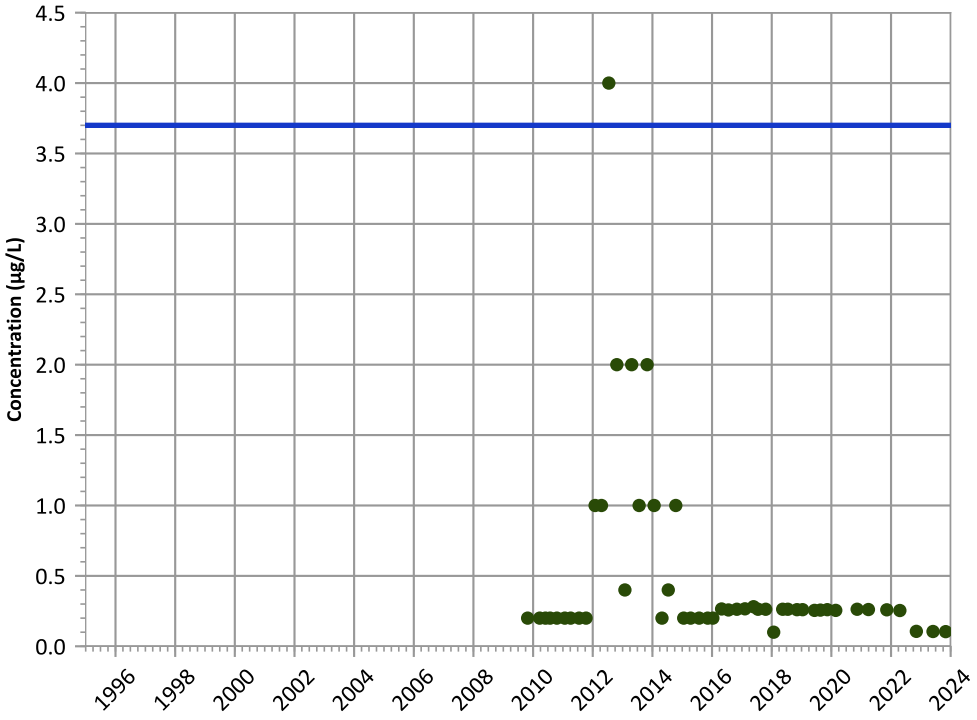
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

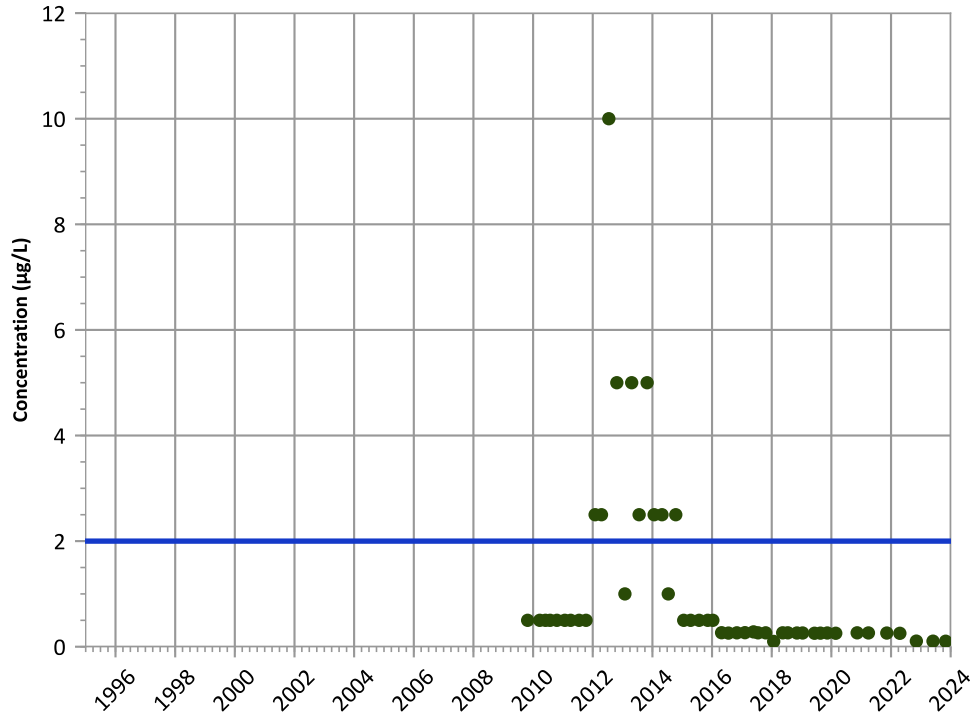


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

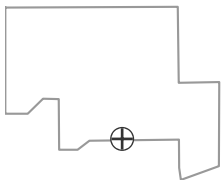
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

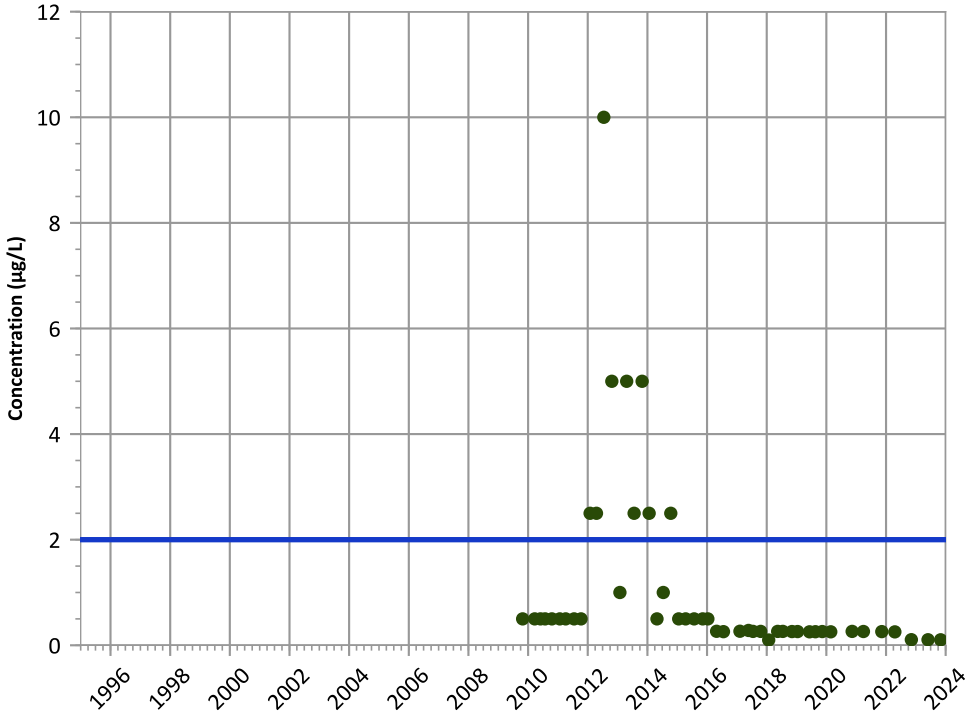
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

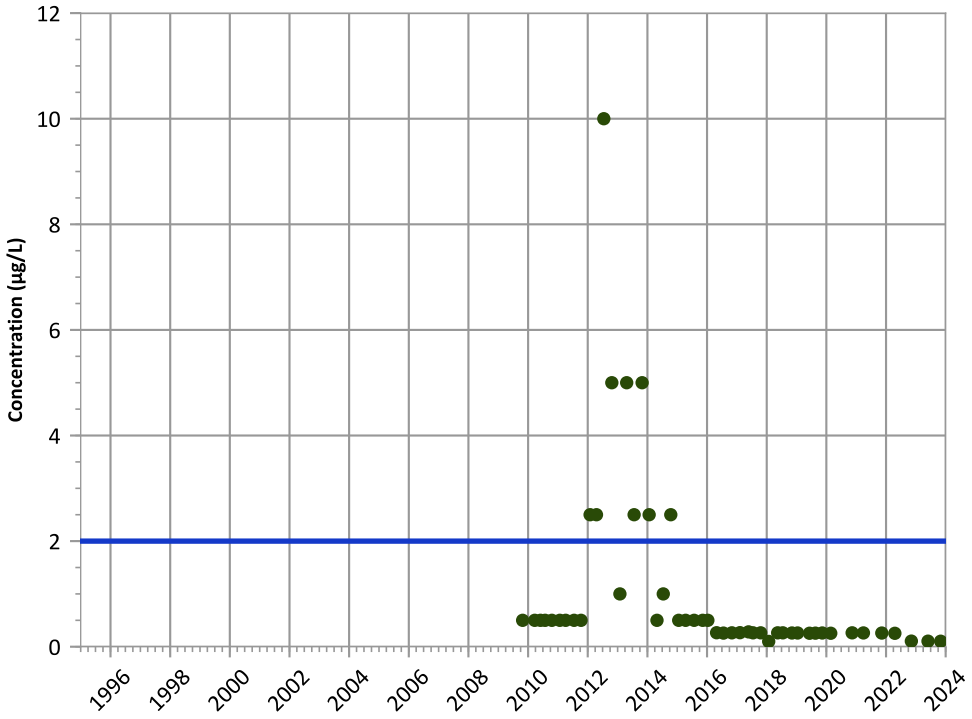
Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



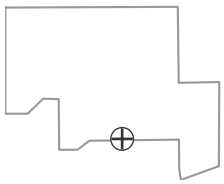
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

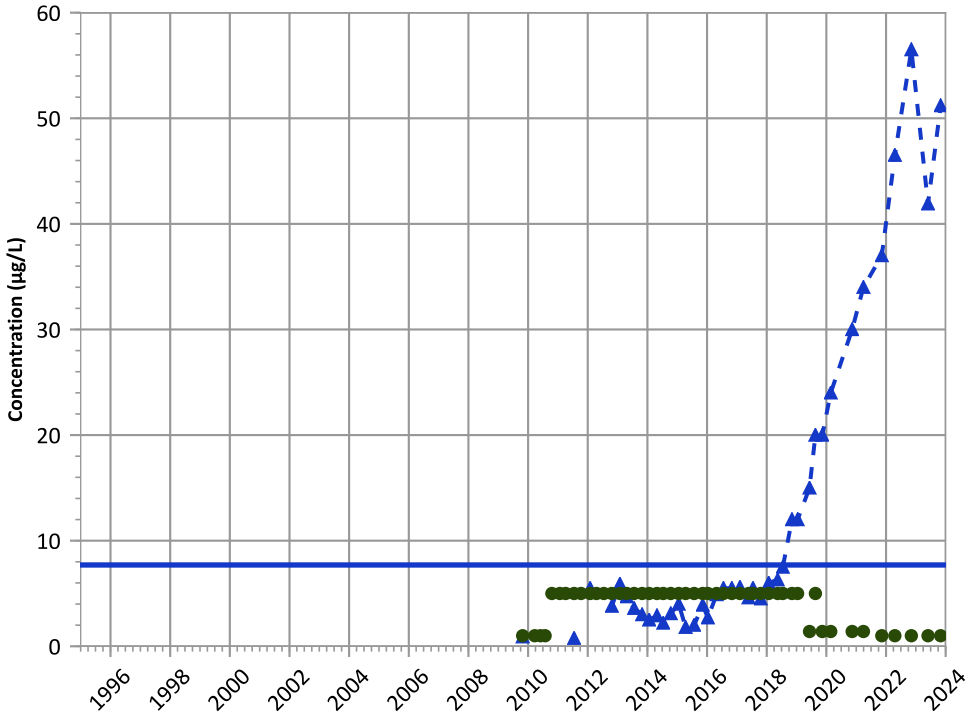
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

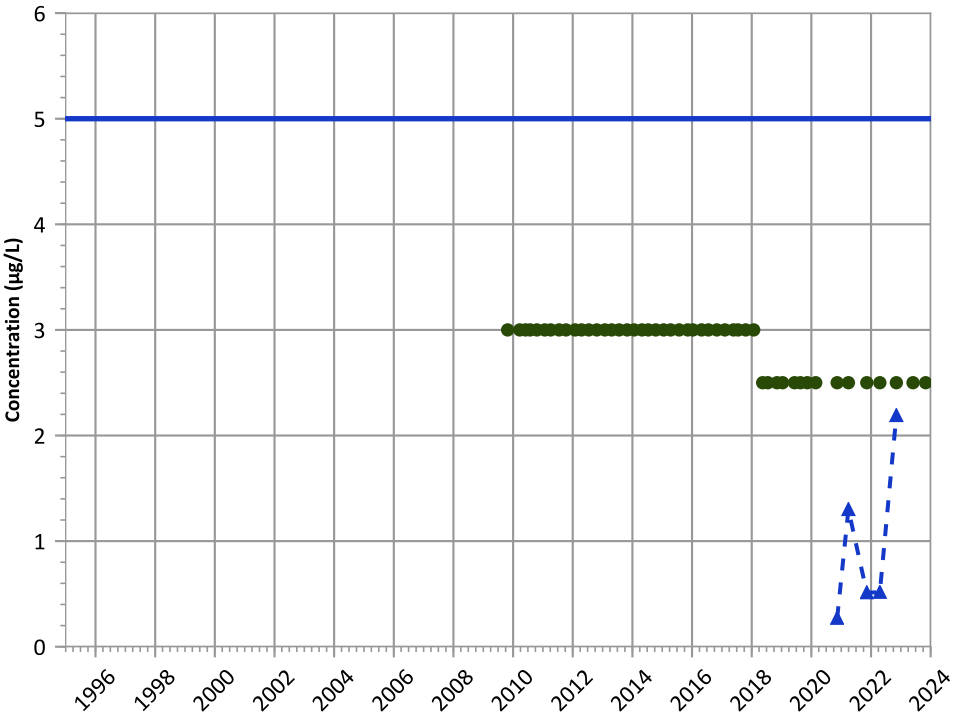


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

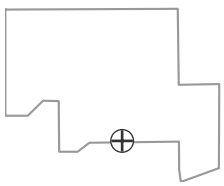
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

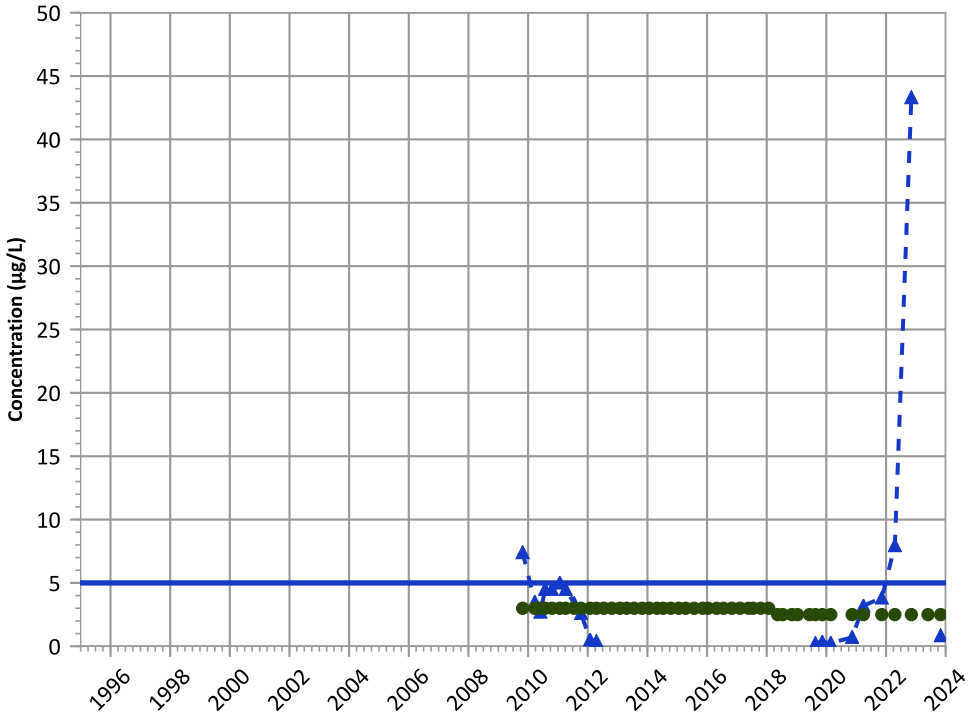
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

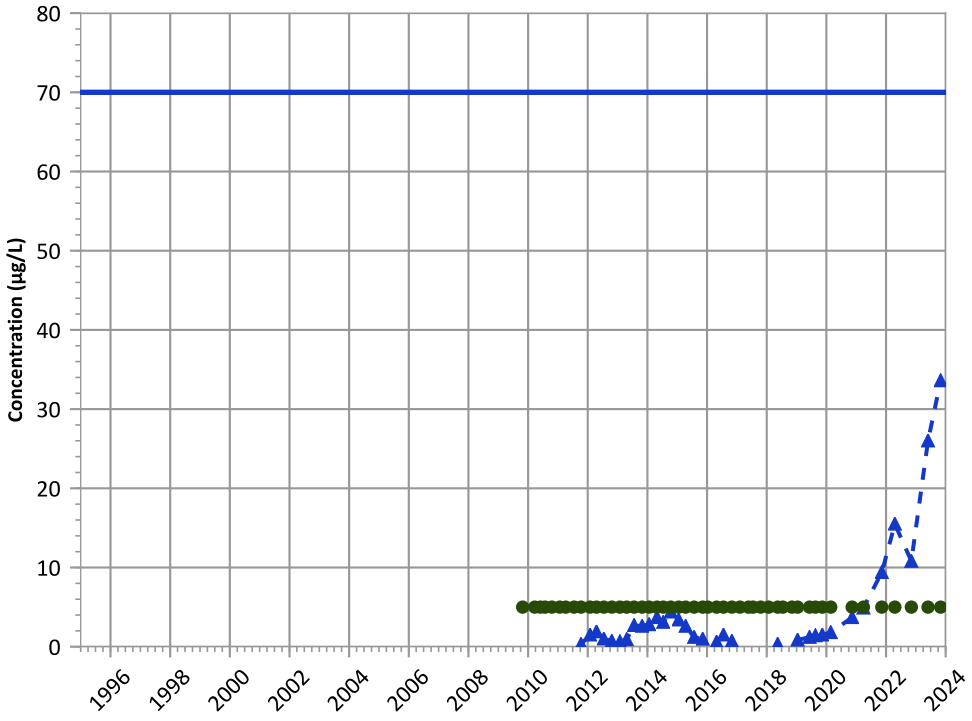


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

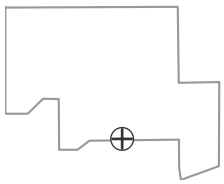
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

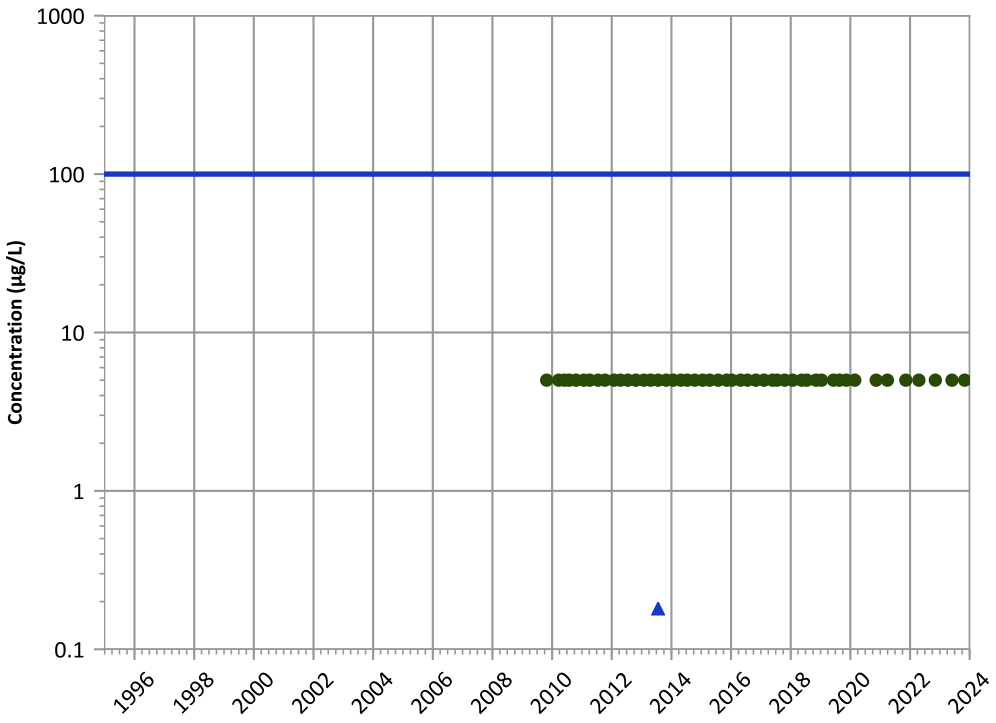
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

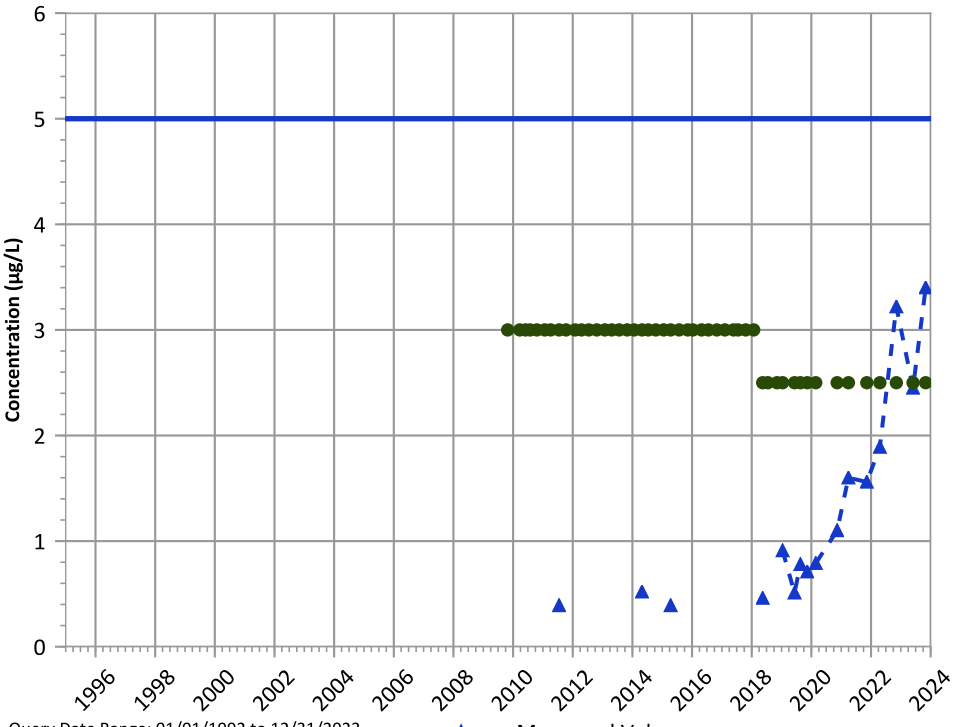


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

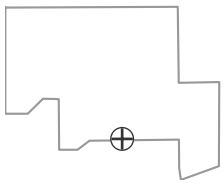
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

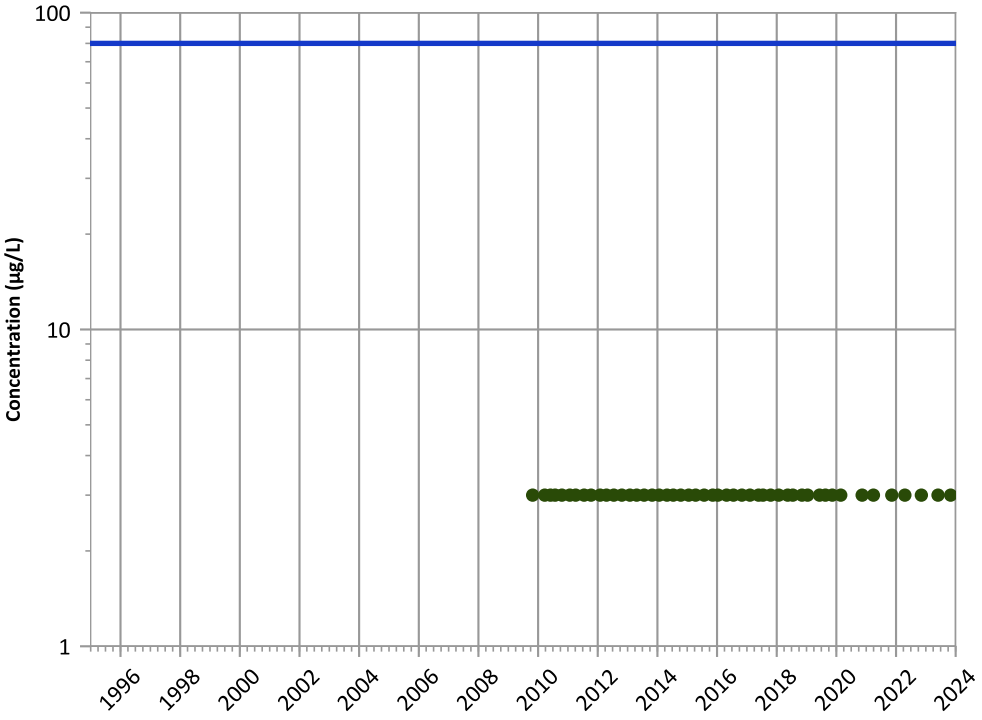
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

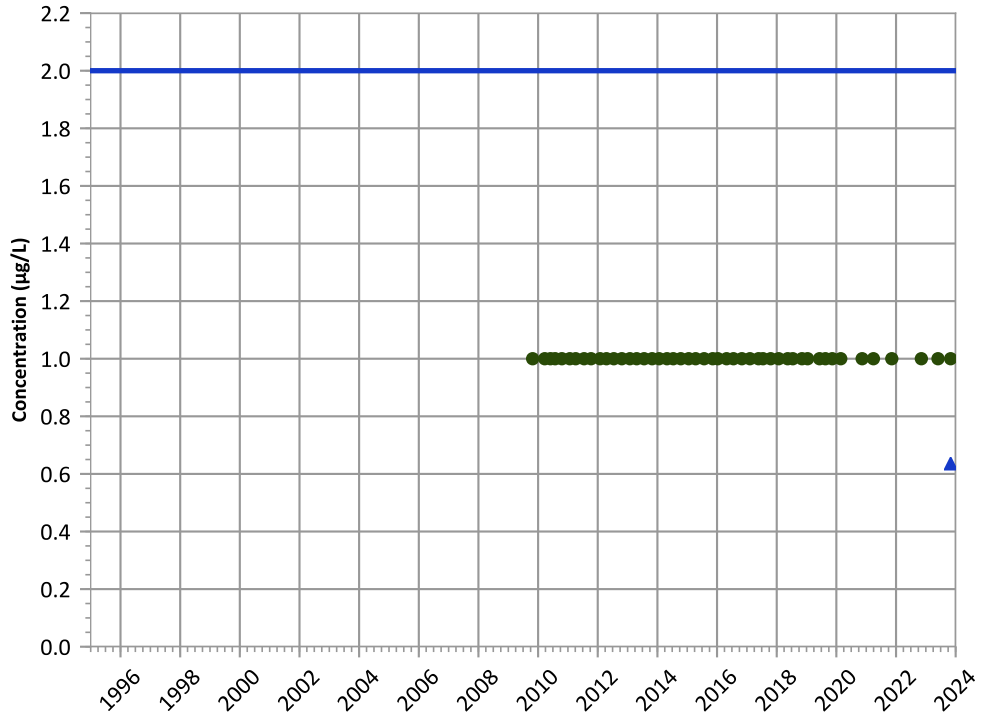


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

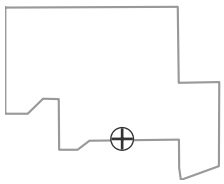
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

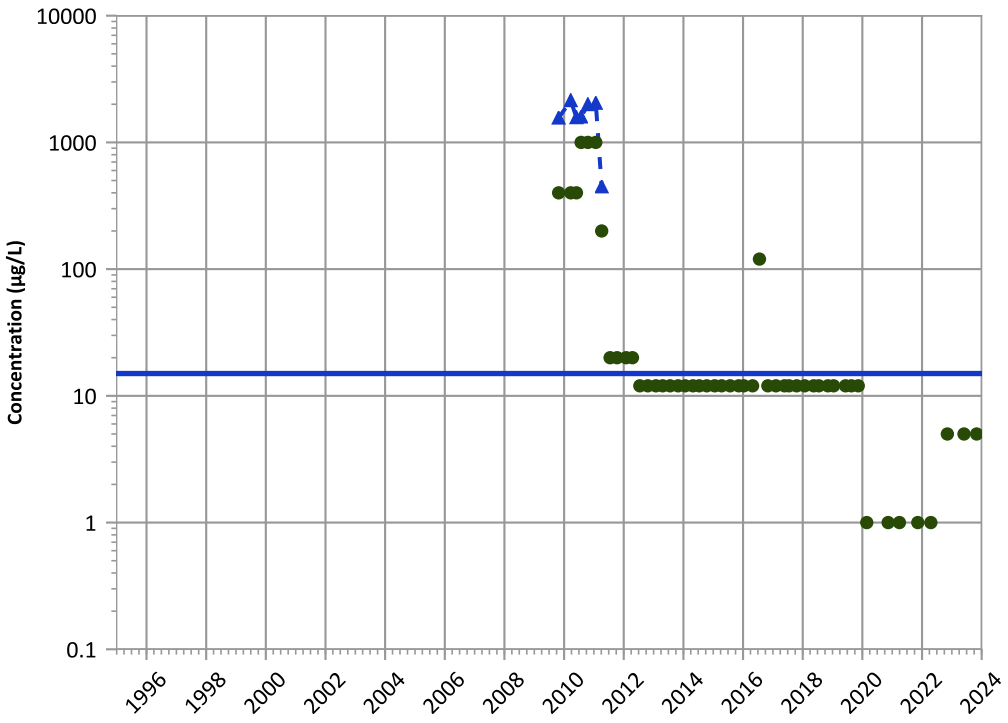
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

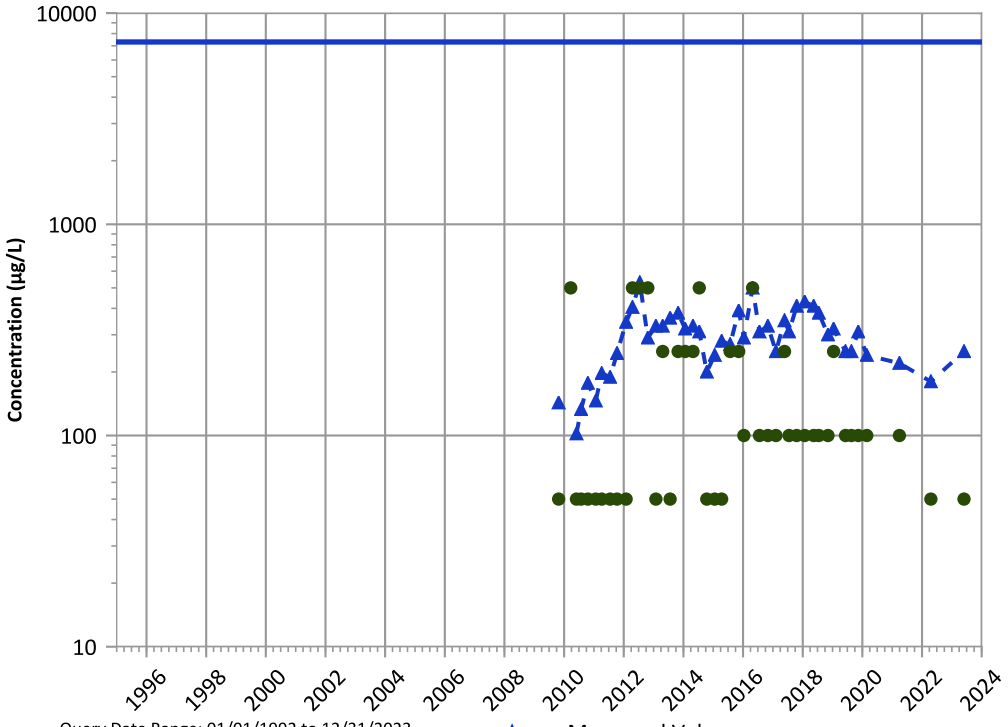


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Boron Trend



Concentration Trend

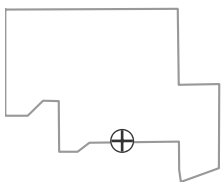
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

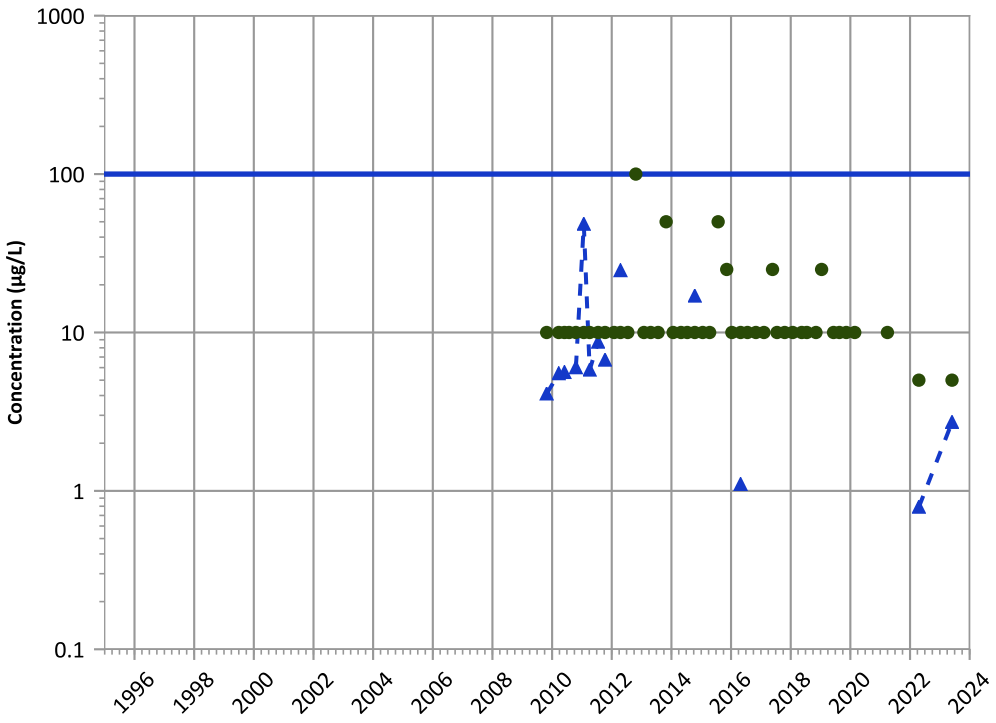
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

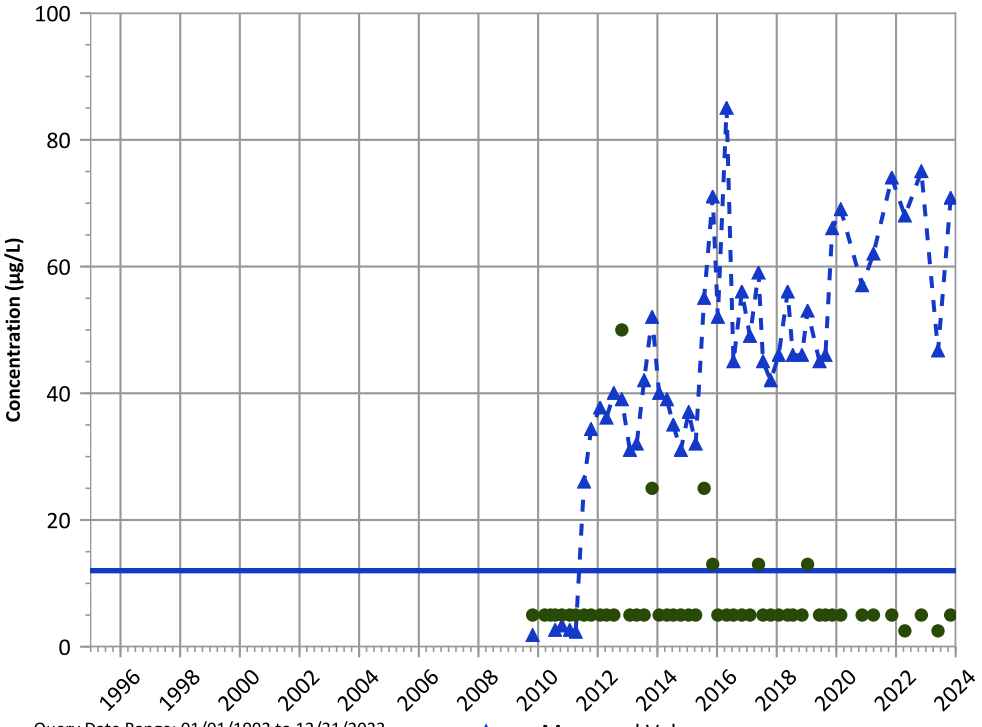


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Arsenic Trend



Concentration Trend

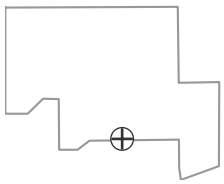
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

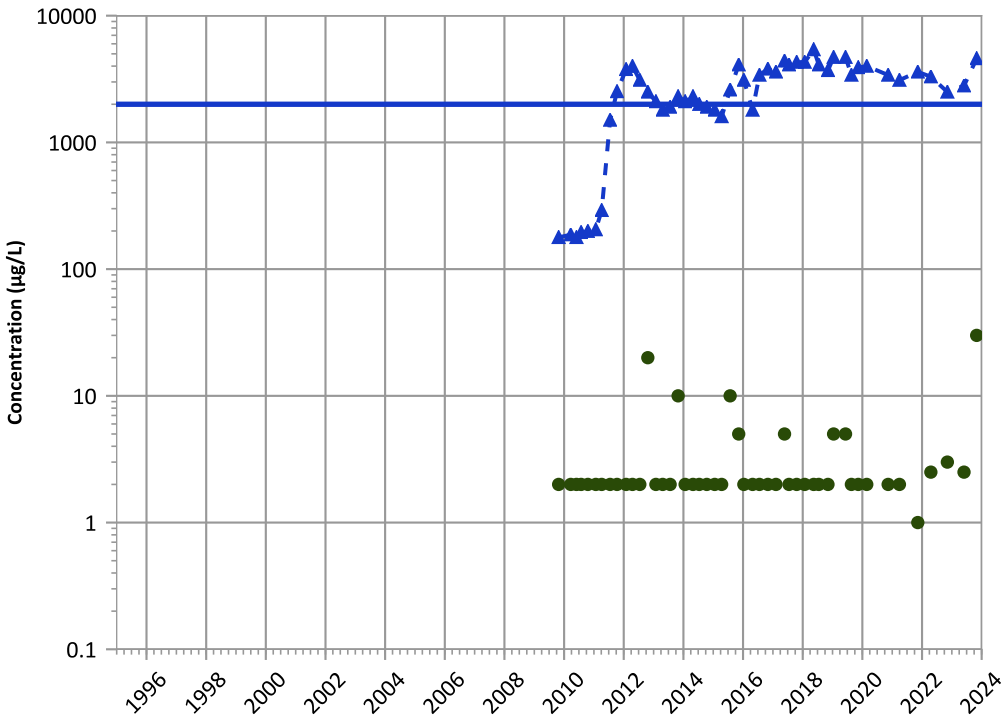
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

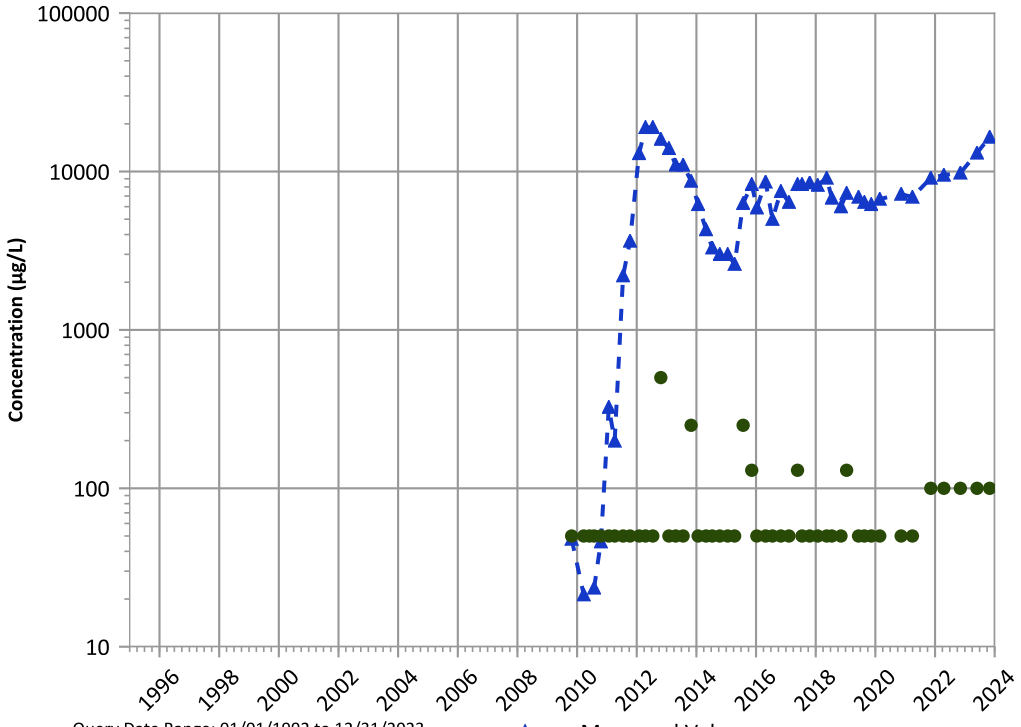


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Iron Trend



Concentration Trend

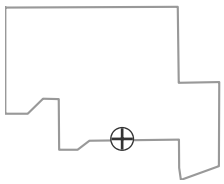
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

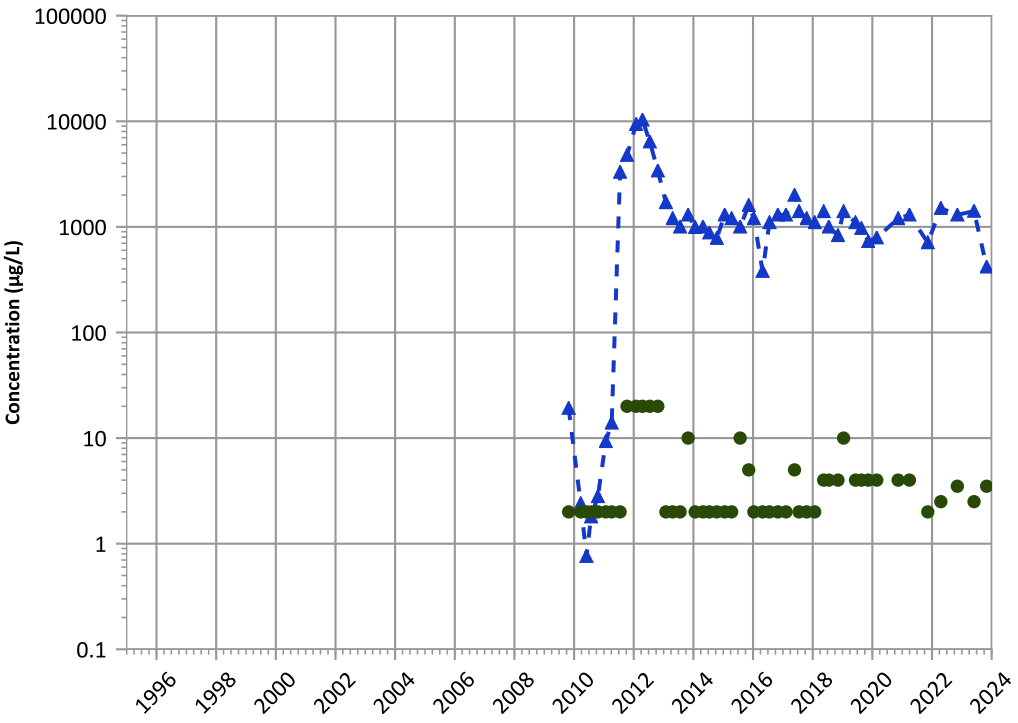
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

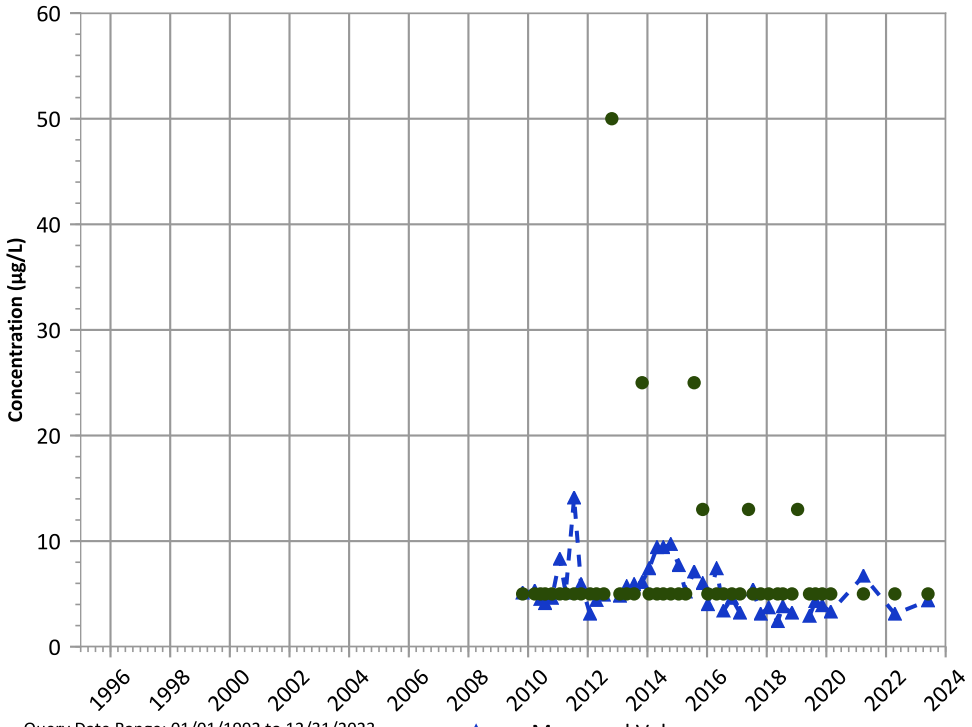


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Molybdenum Trend

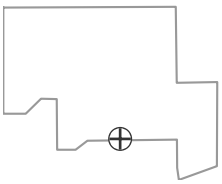


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Well Location

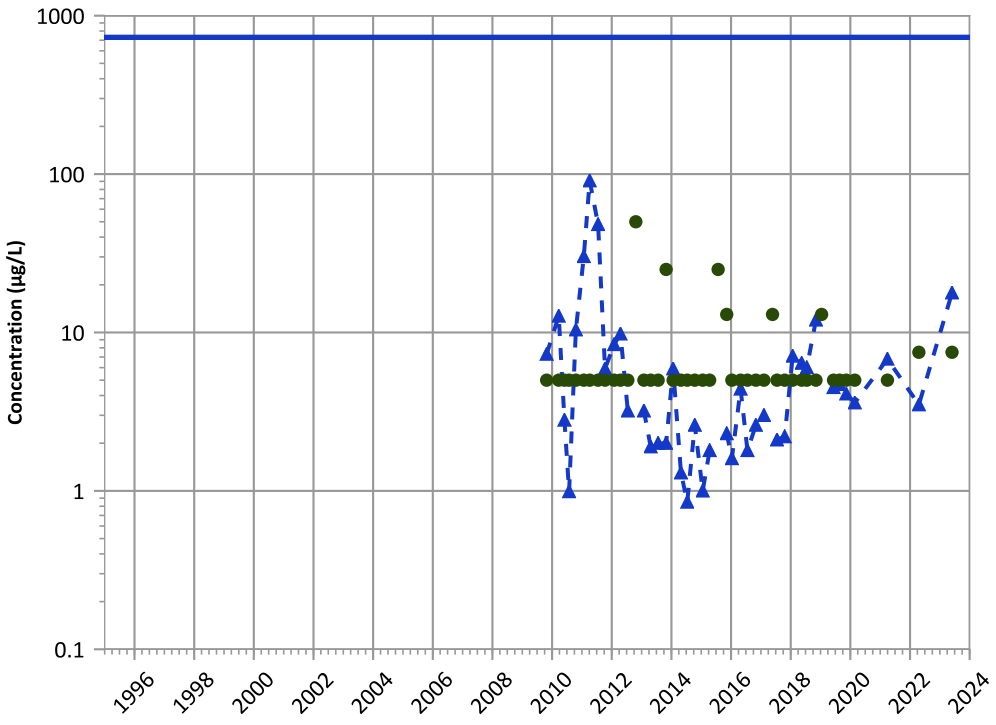


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

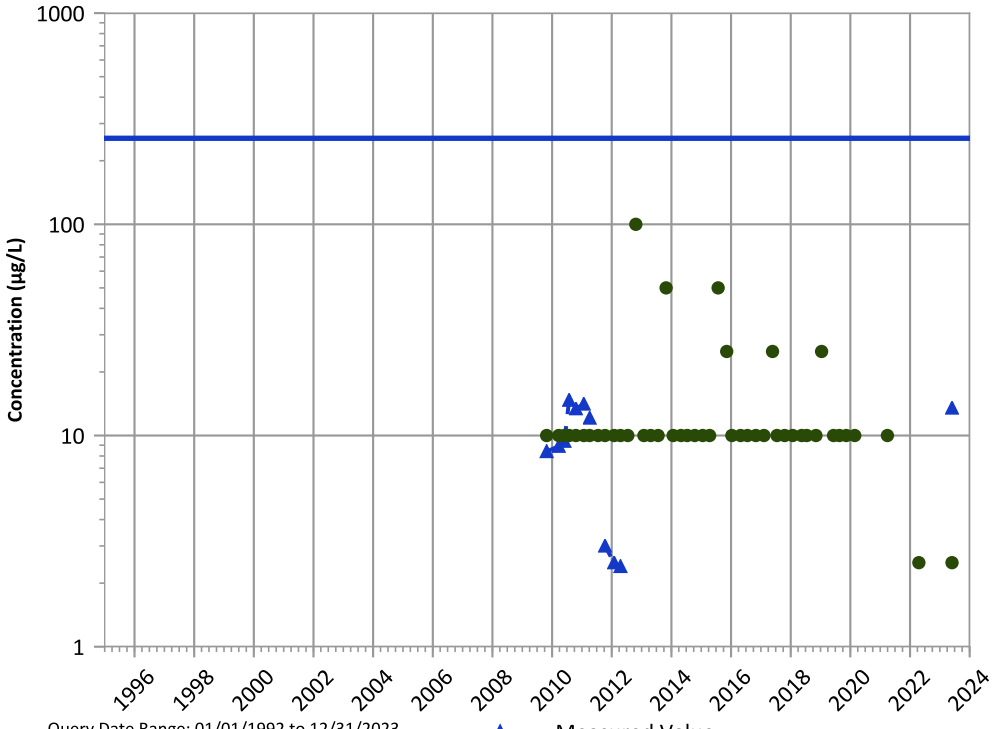


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

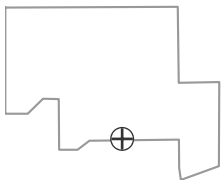
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

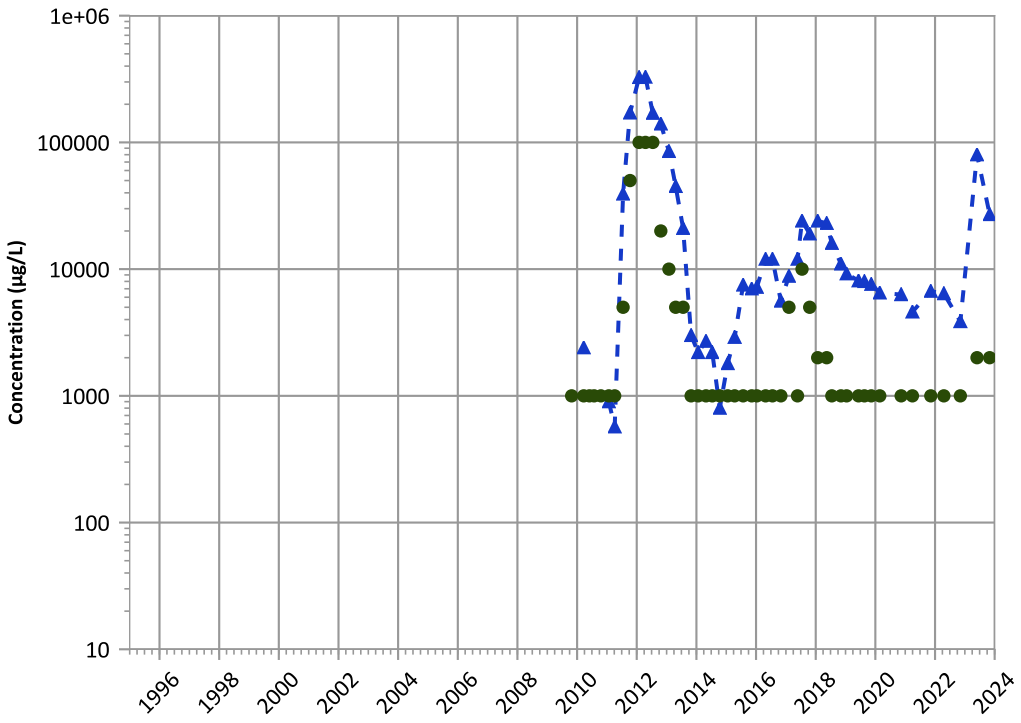
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

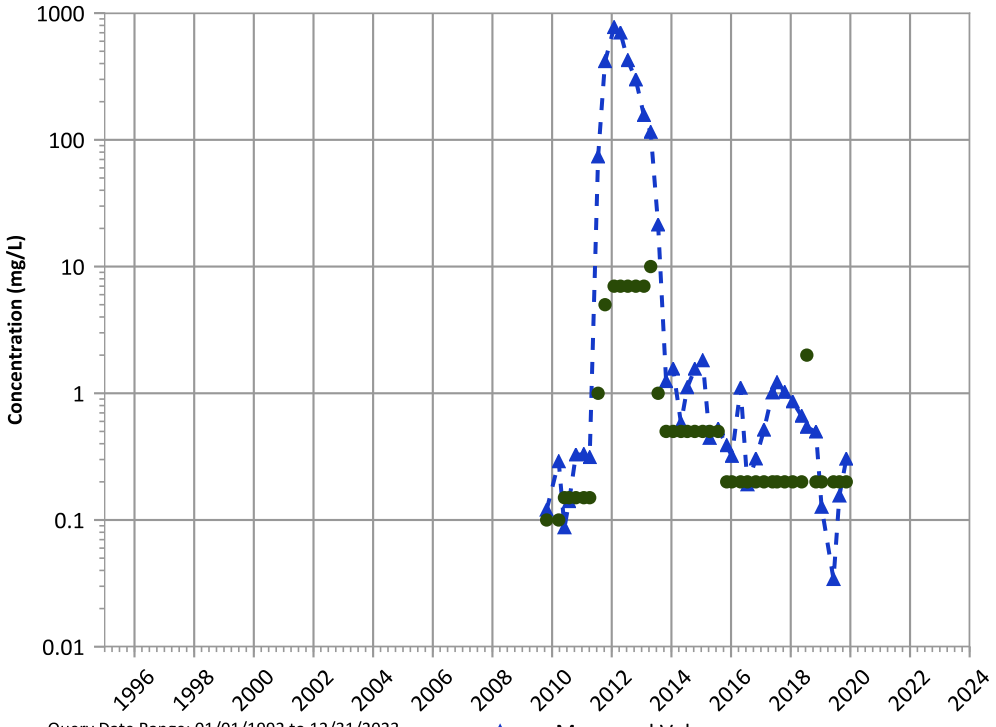


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

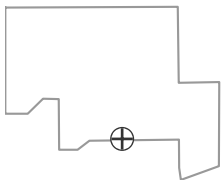
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

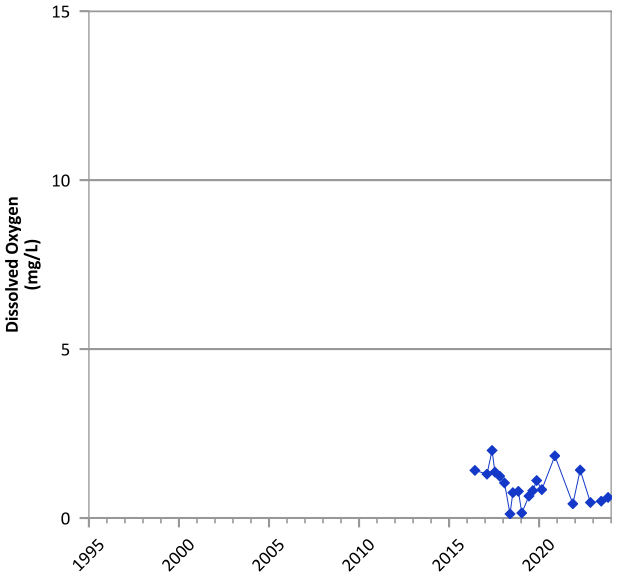
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/26/2009 to 11/01/2023
Analysis Date: 04/01/2024

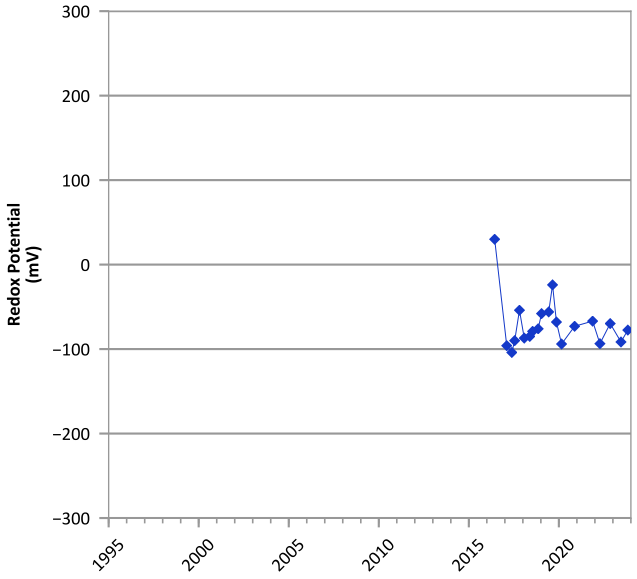
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

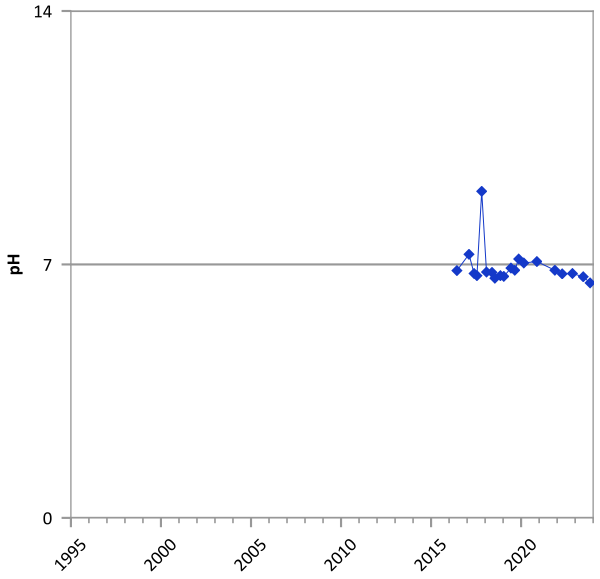
Well Location

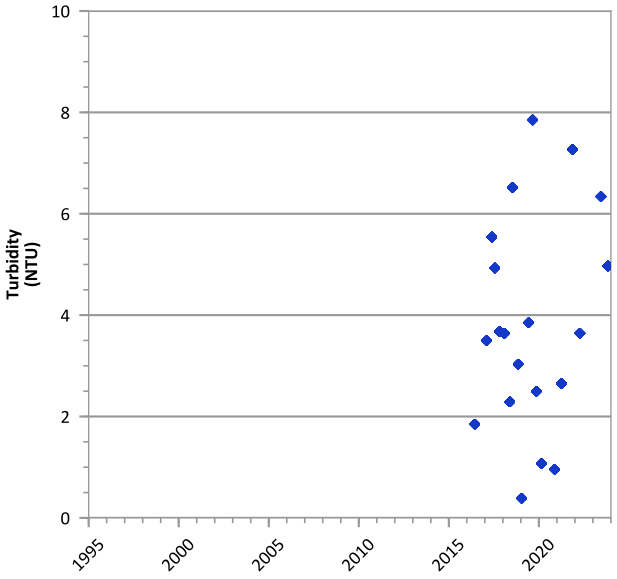


PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

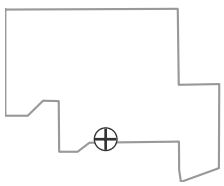






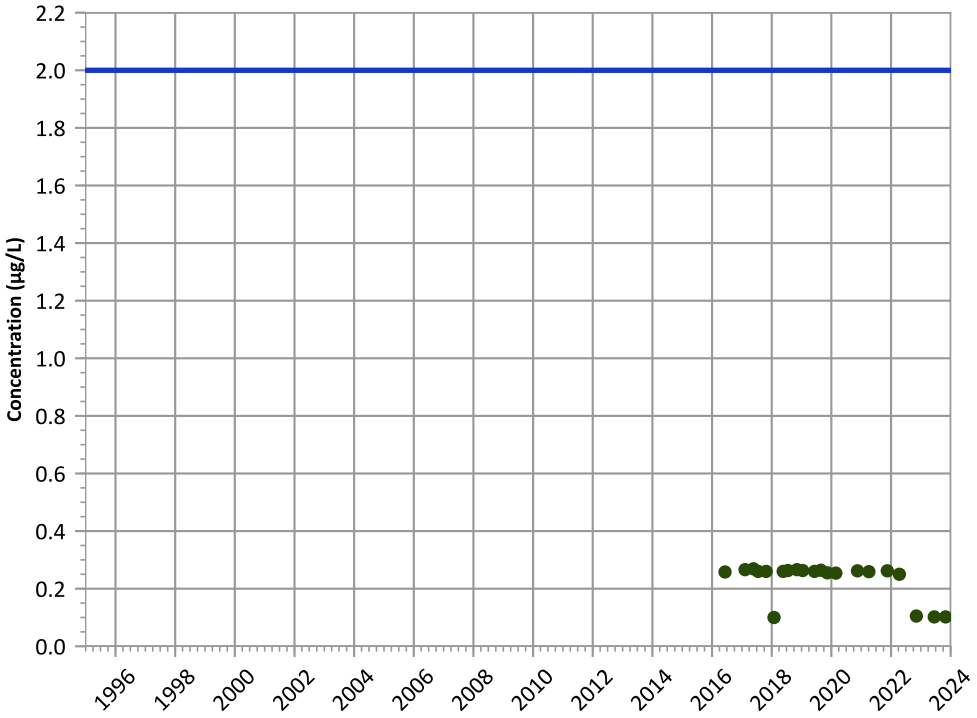


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

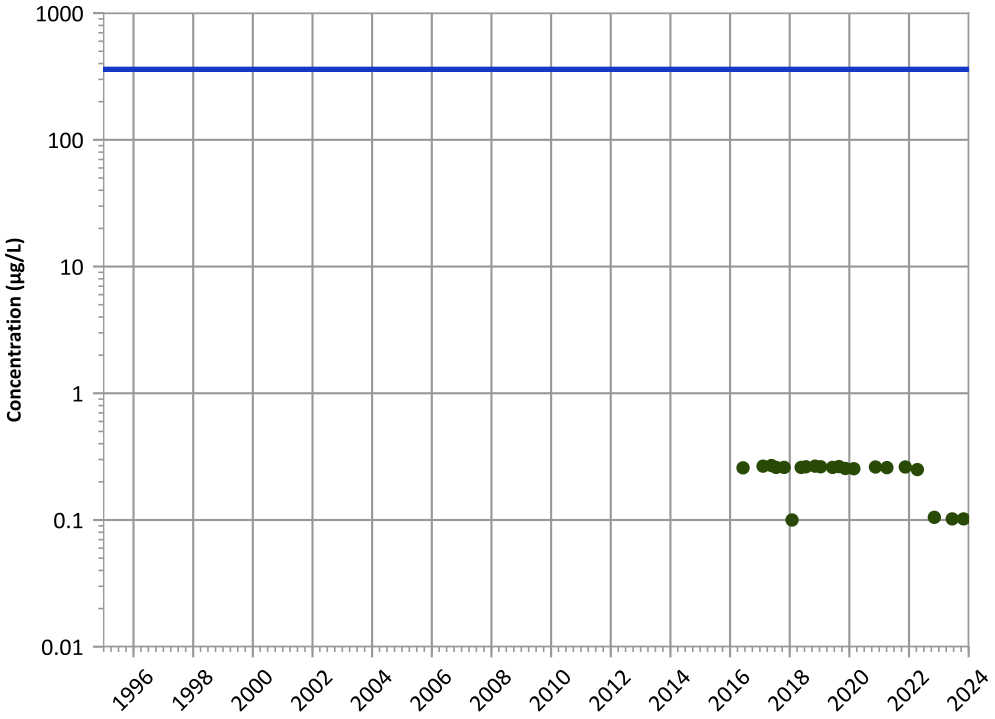


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

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



Concentration Trend

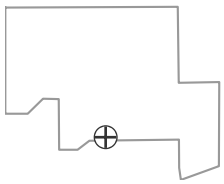
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

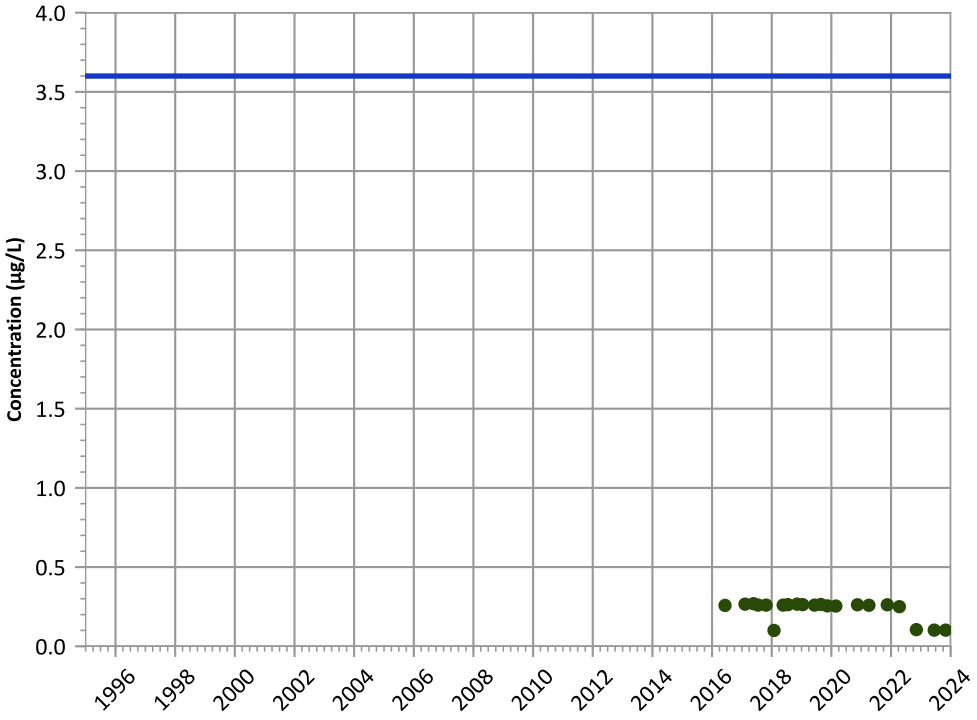
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

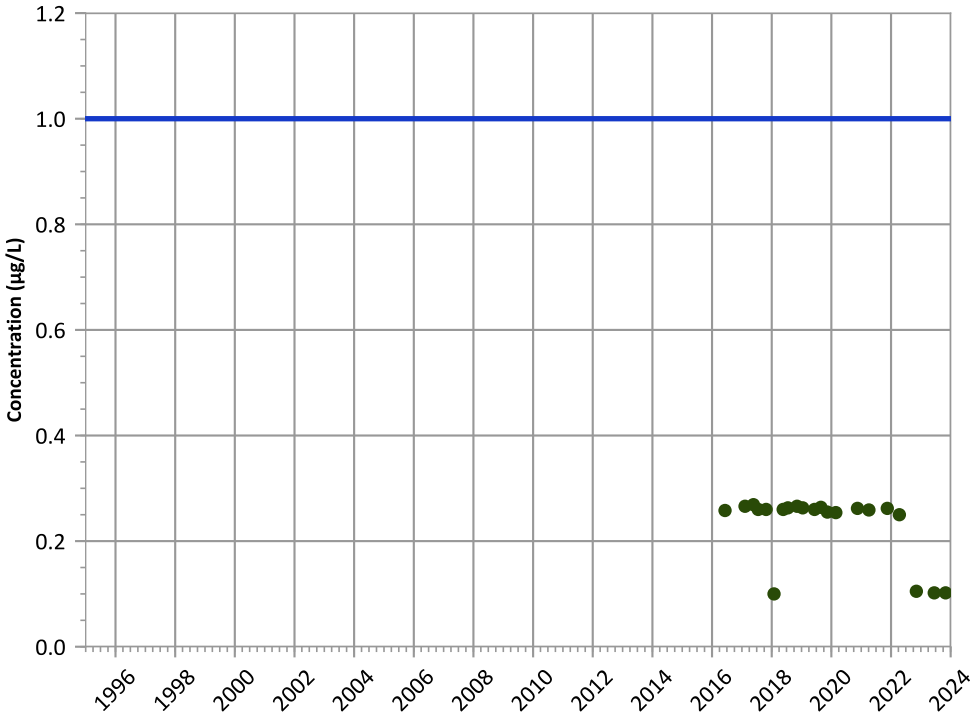


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

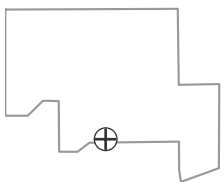
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

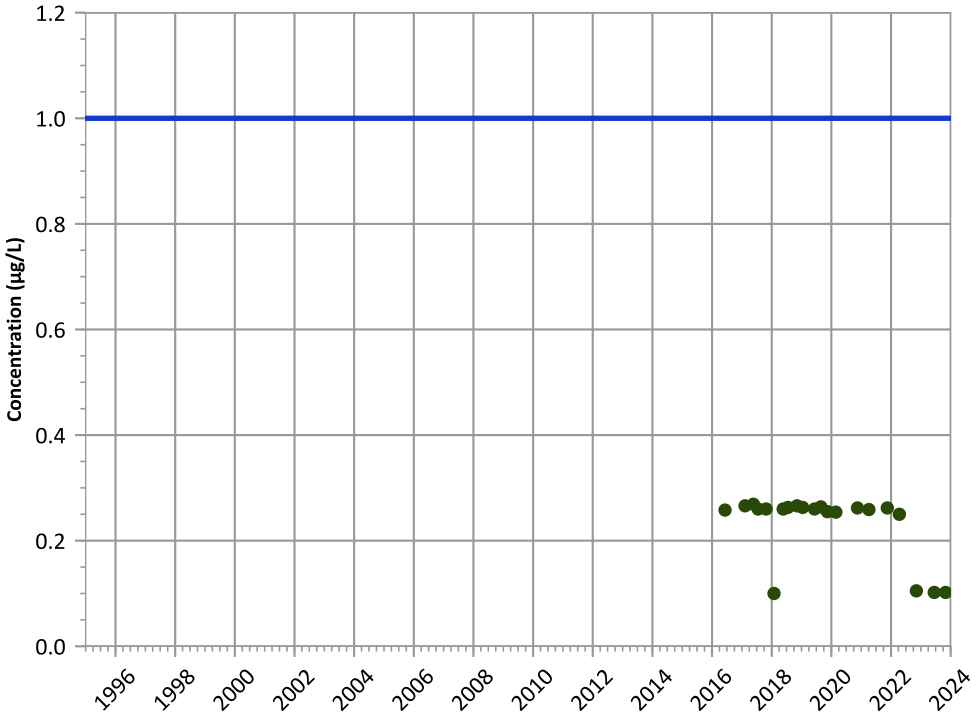
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

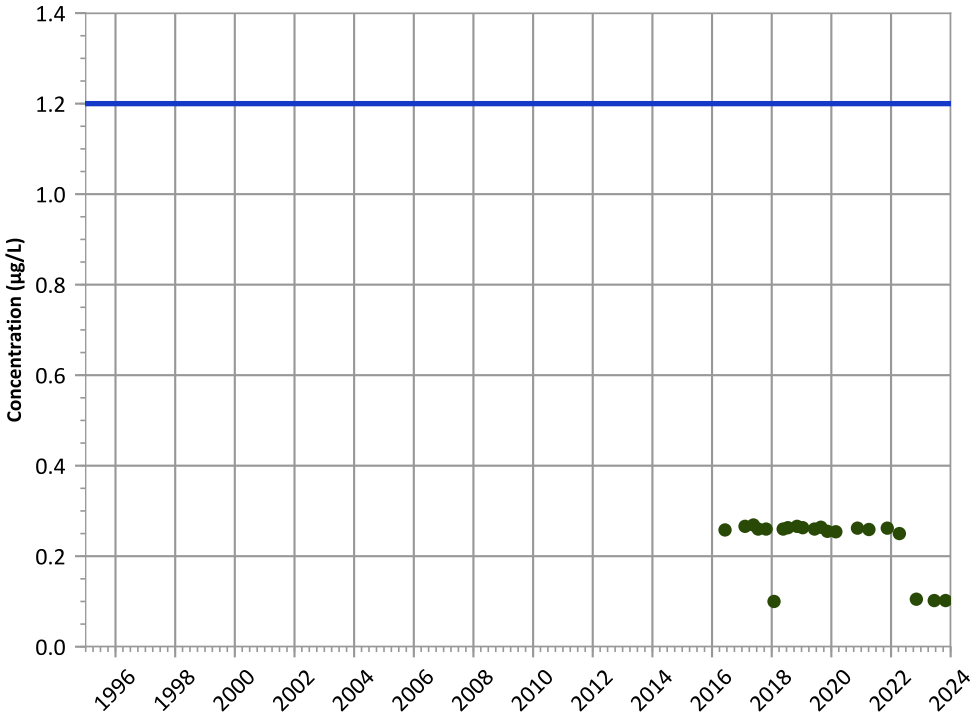


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

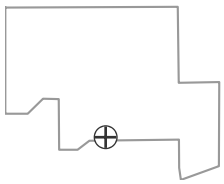
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

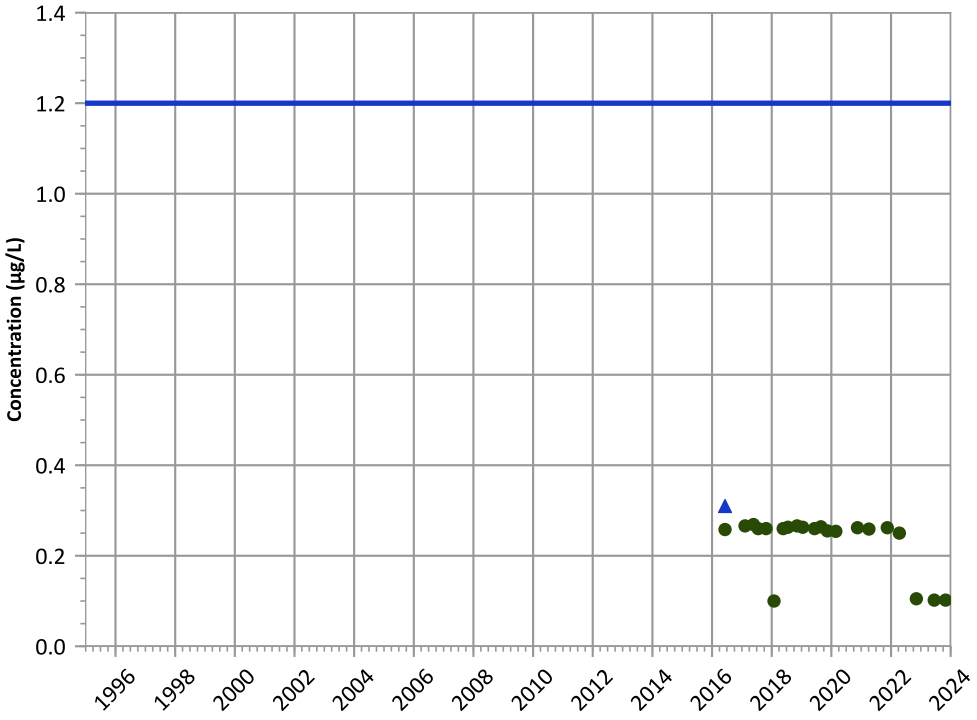
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

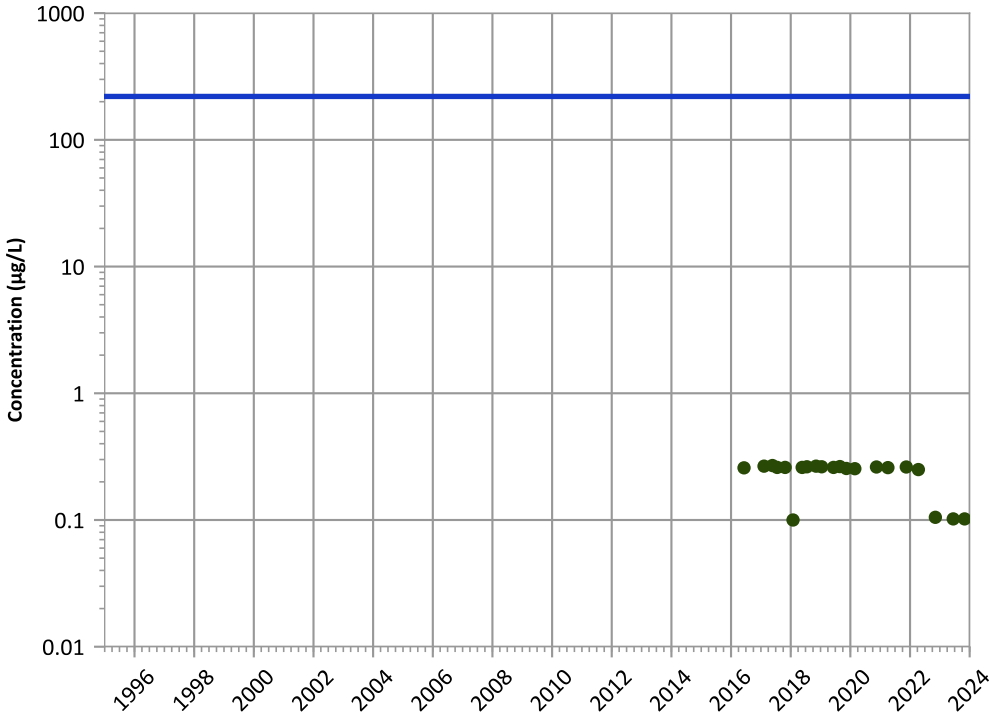


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

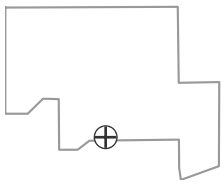
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

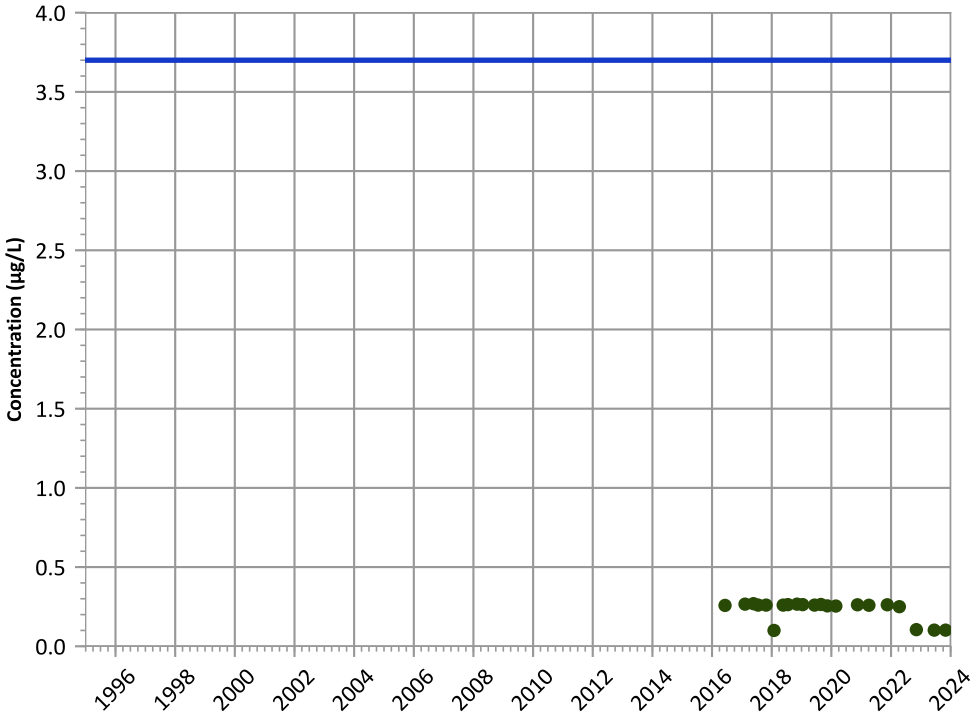
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

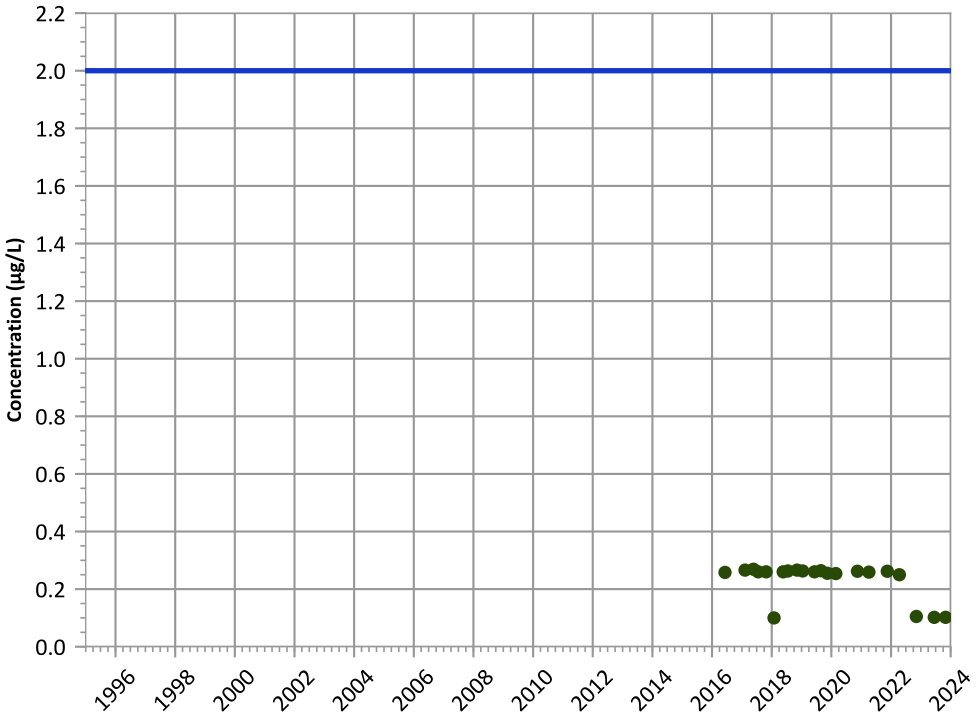


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

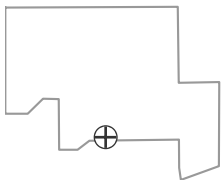
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

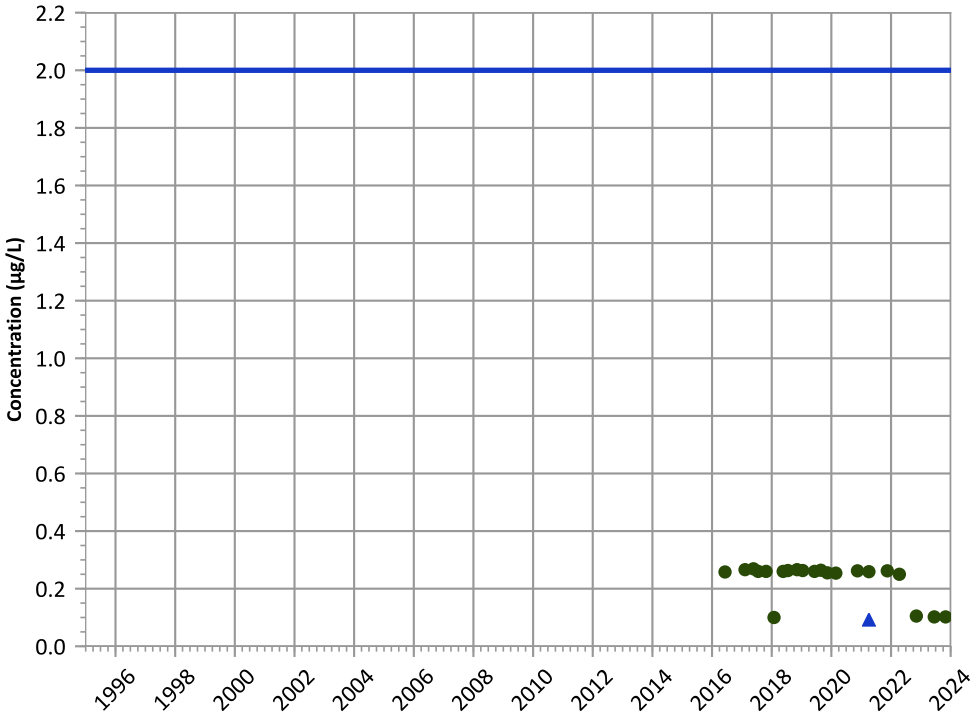
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

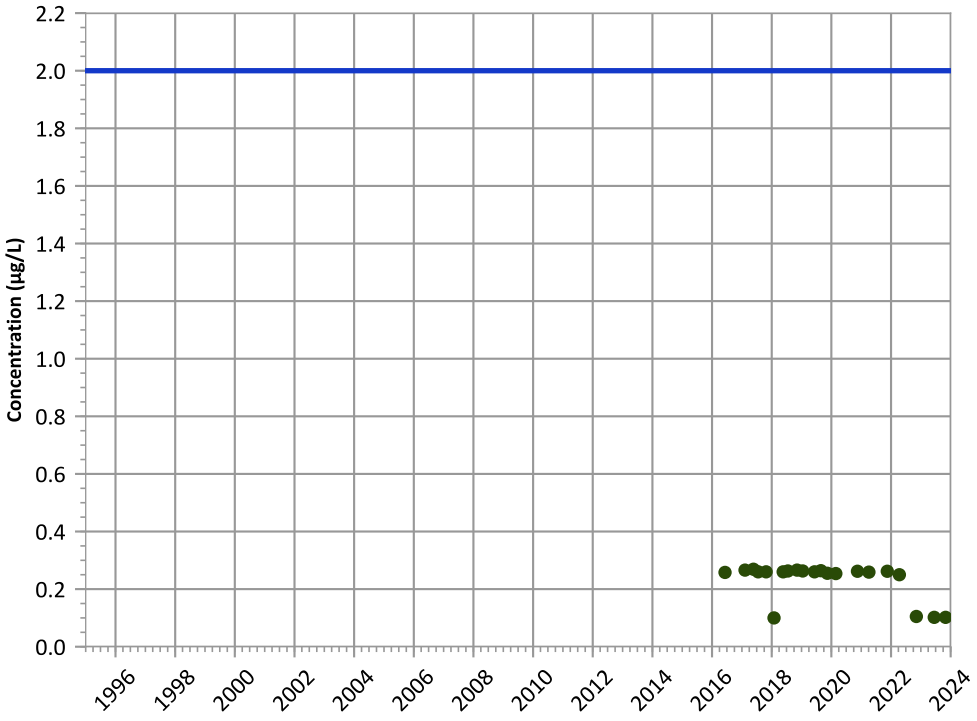


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

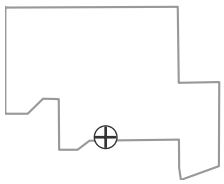
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

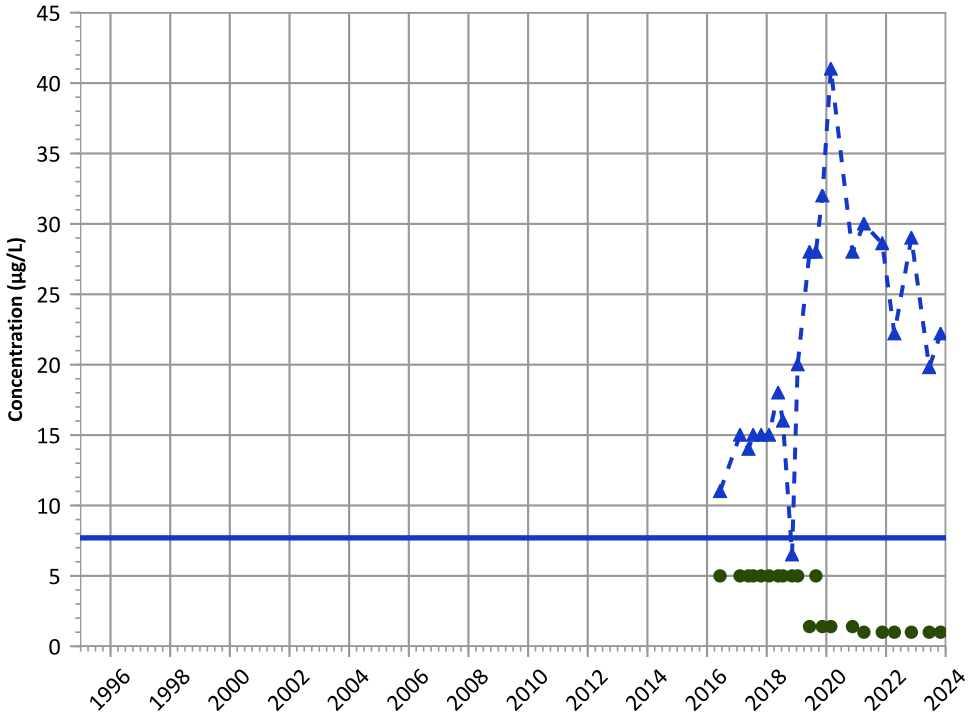
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

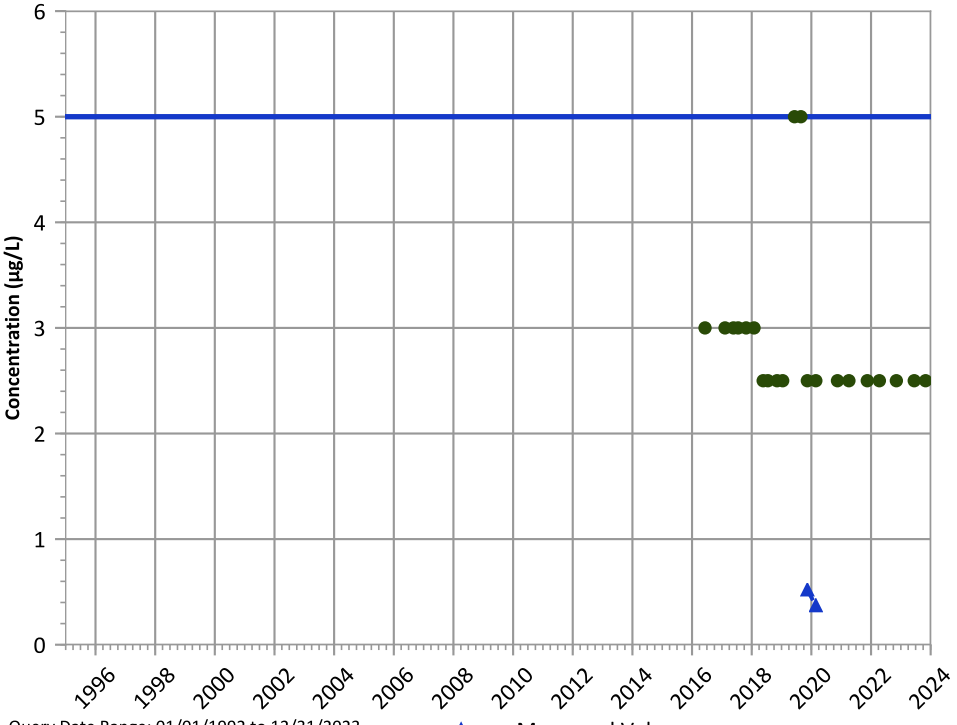


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

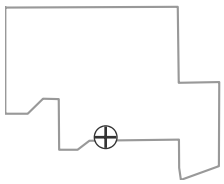
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

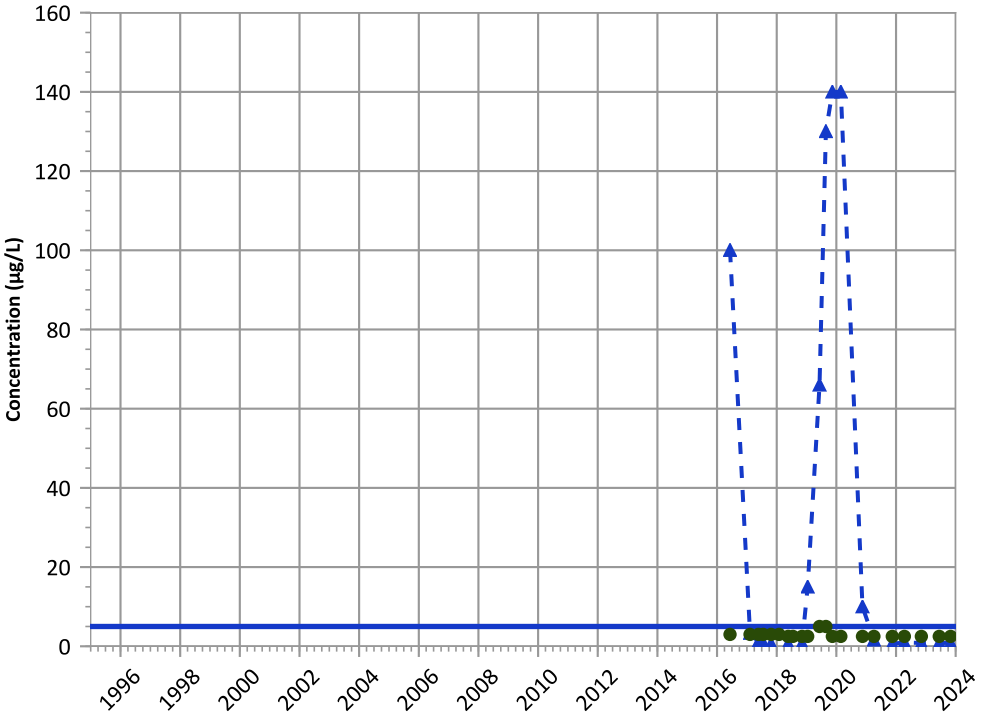
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

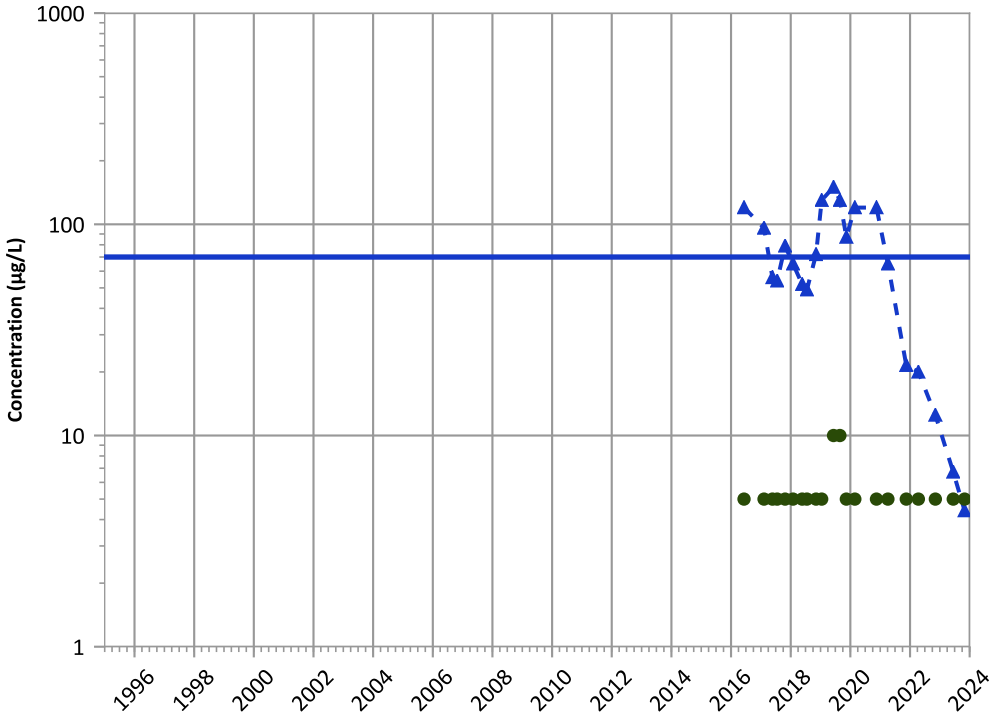


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

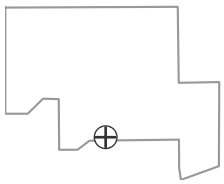
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

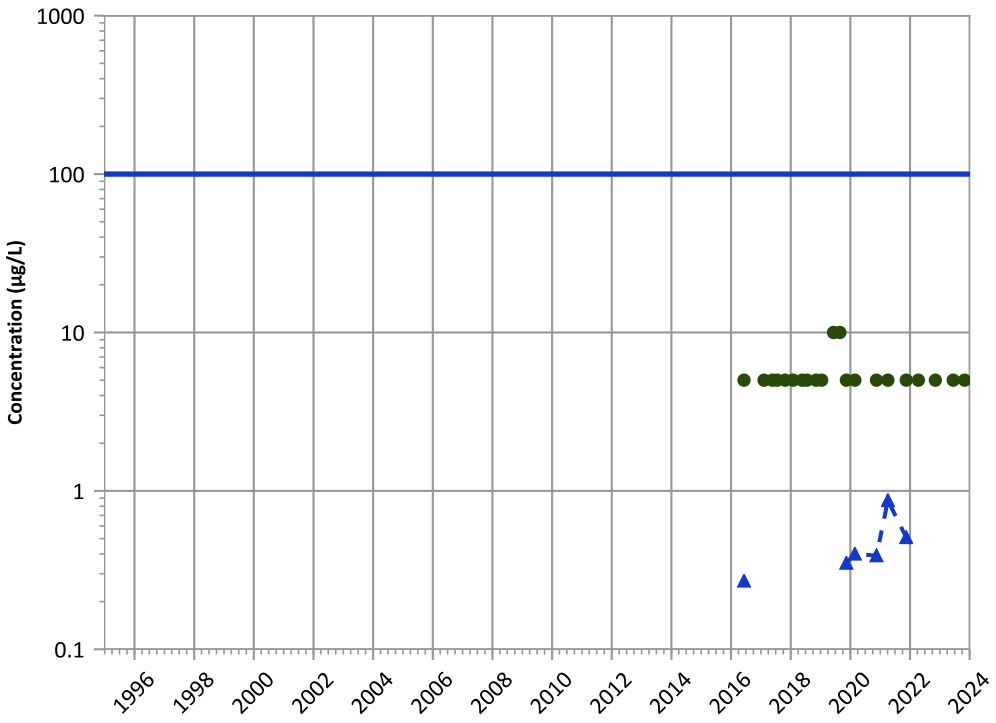
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

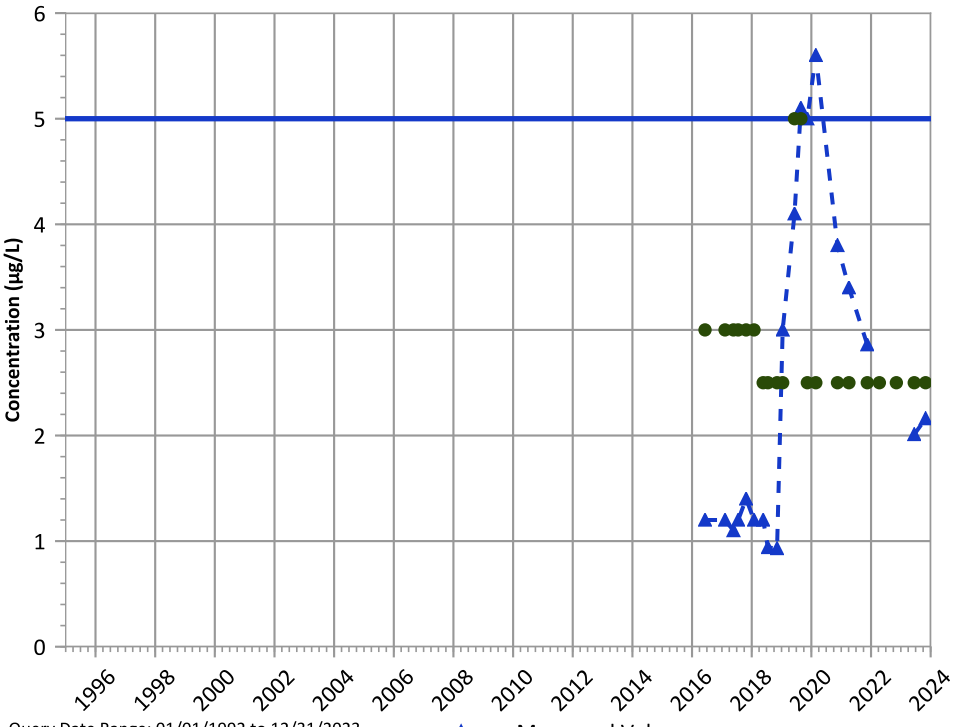


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

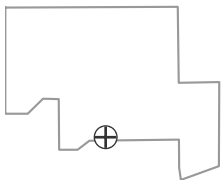
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

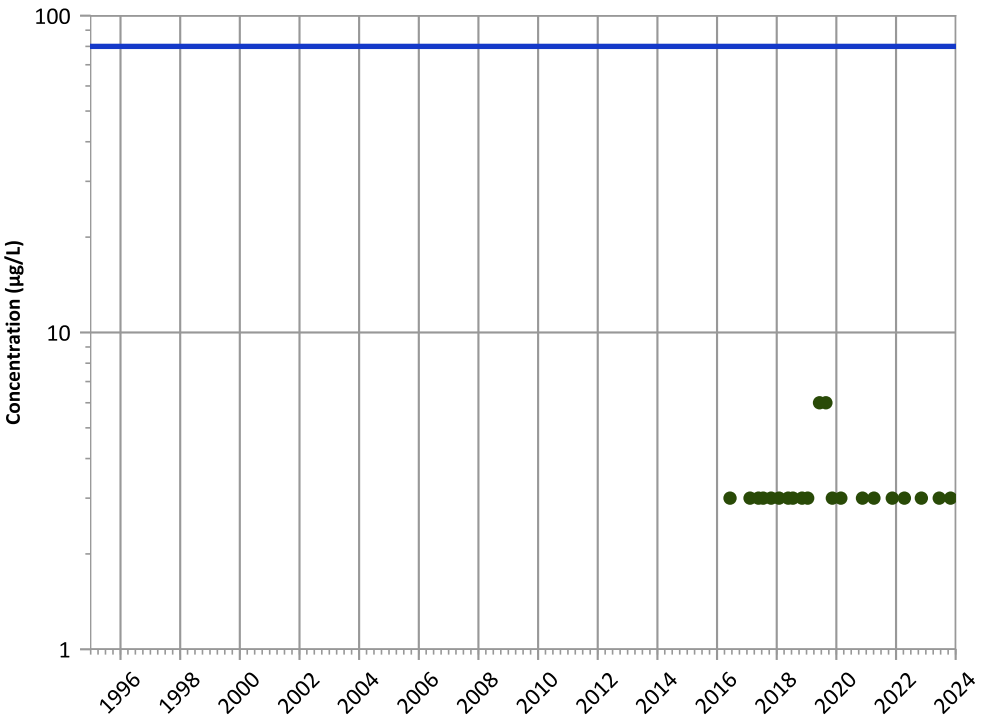
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

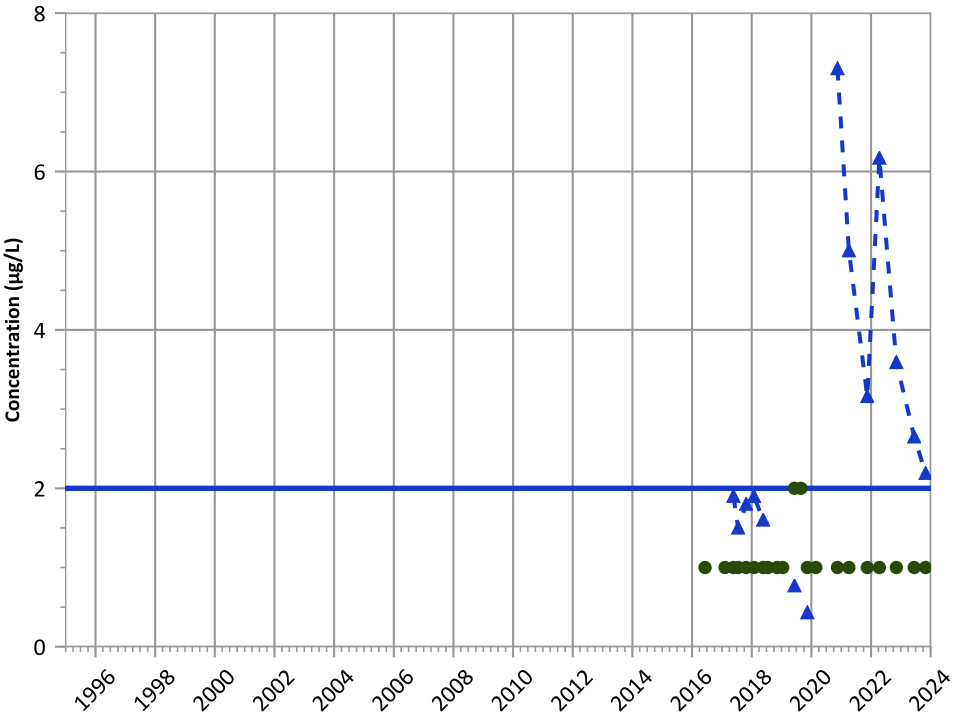


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

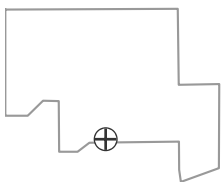
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

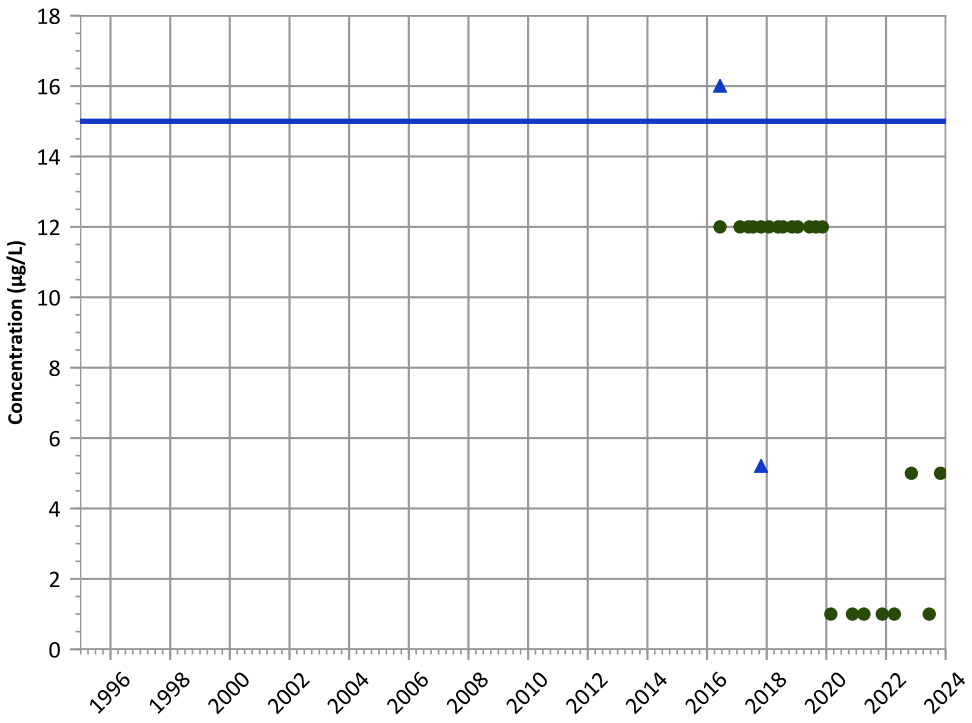
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

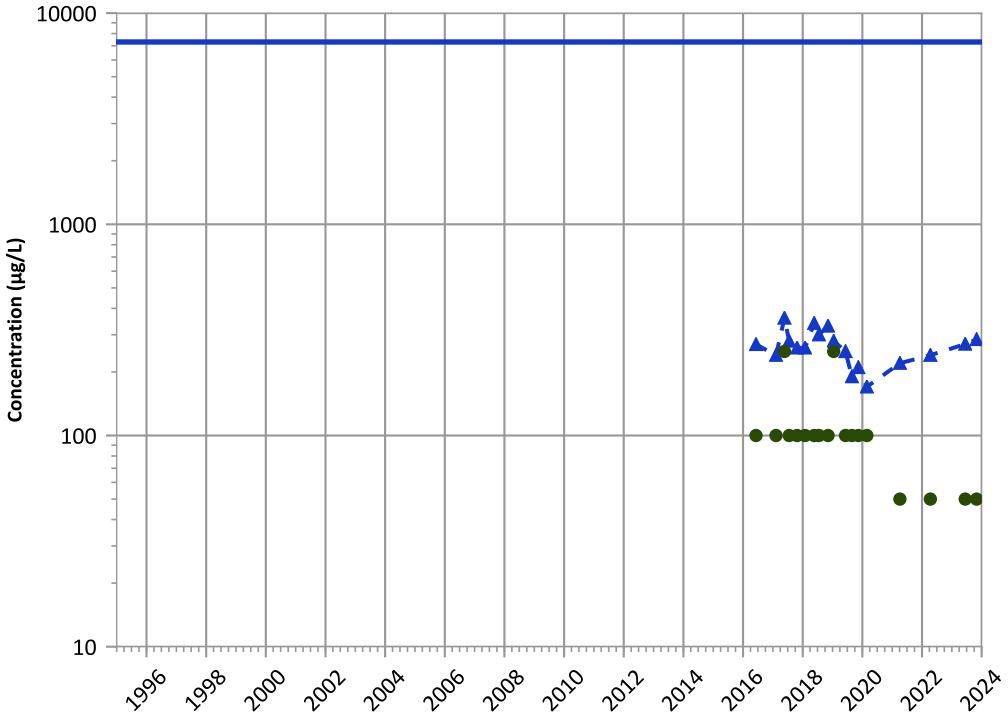


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

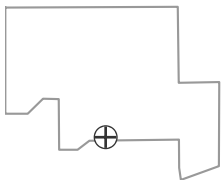
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

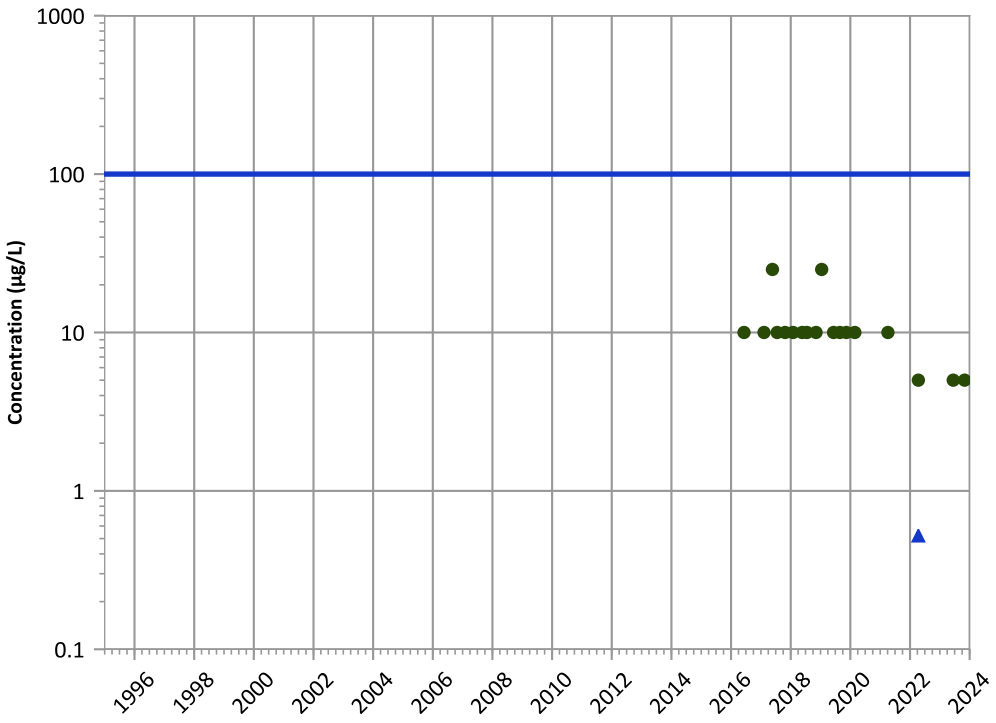
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

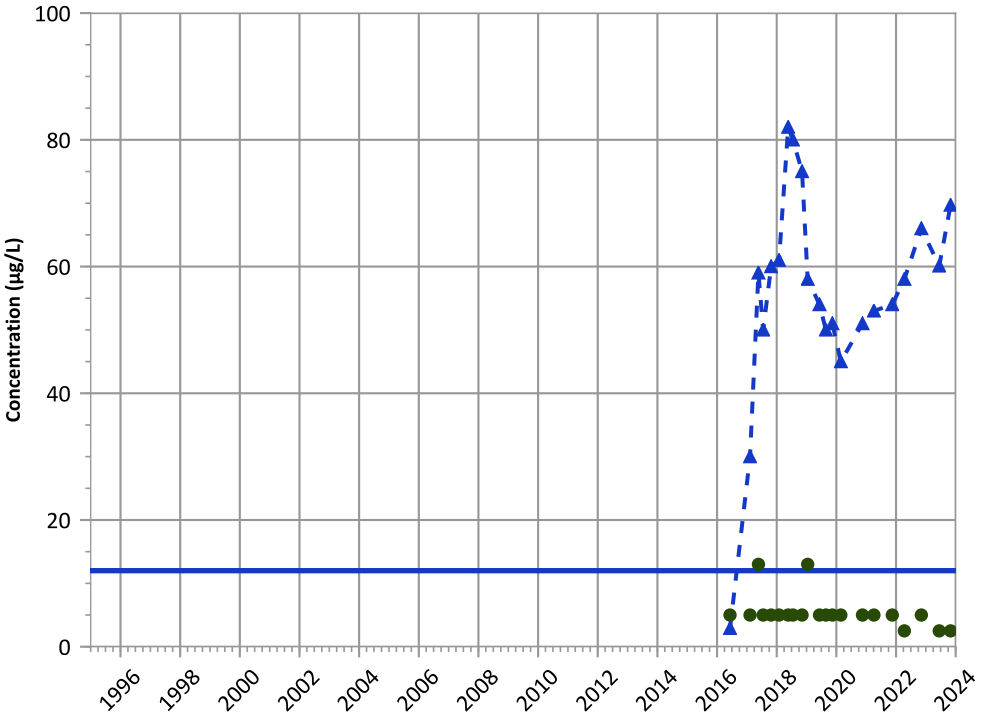


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

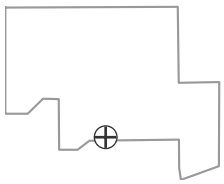
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

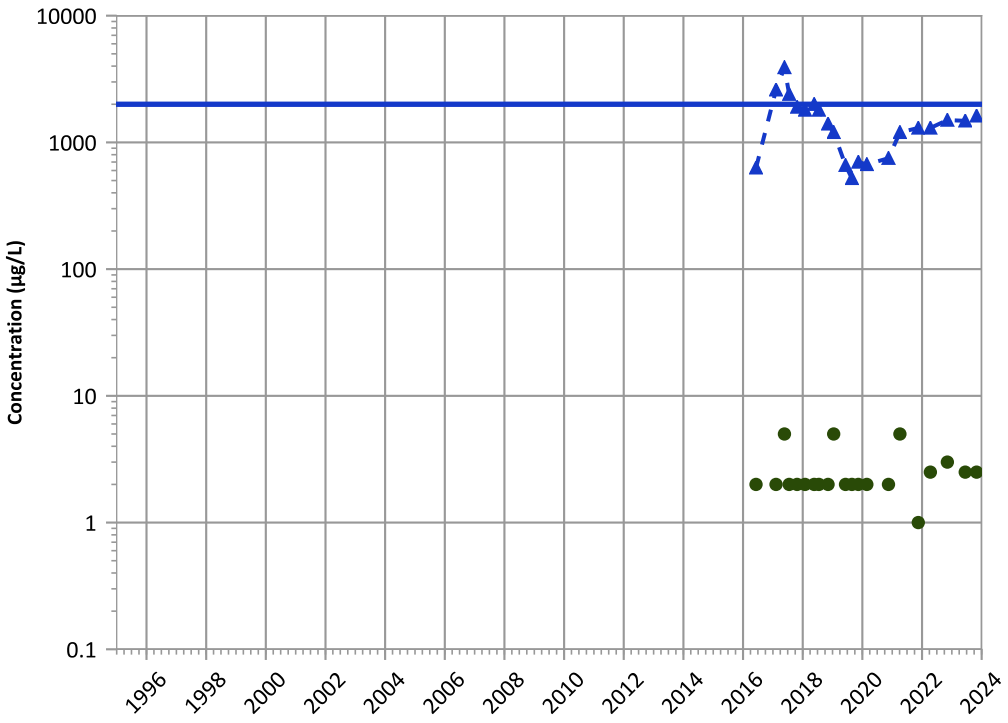
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

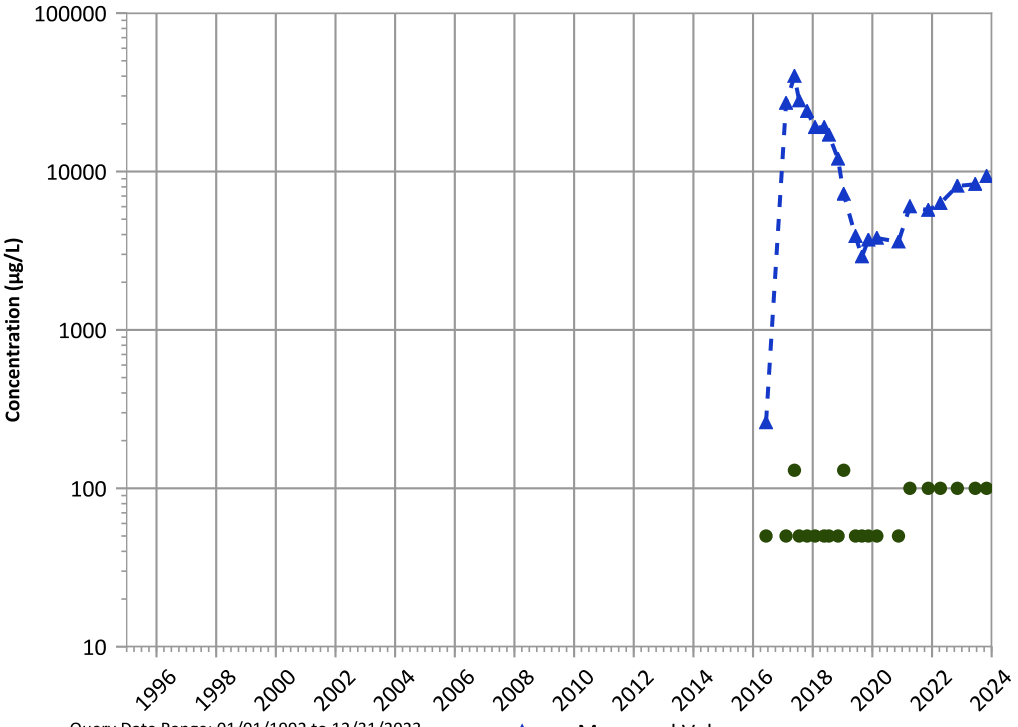


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Iron Trend

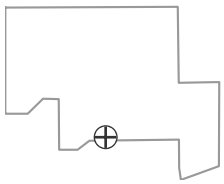


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Well Location

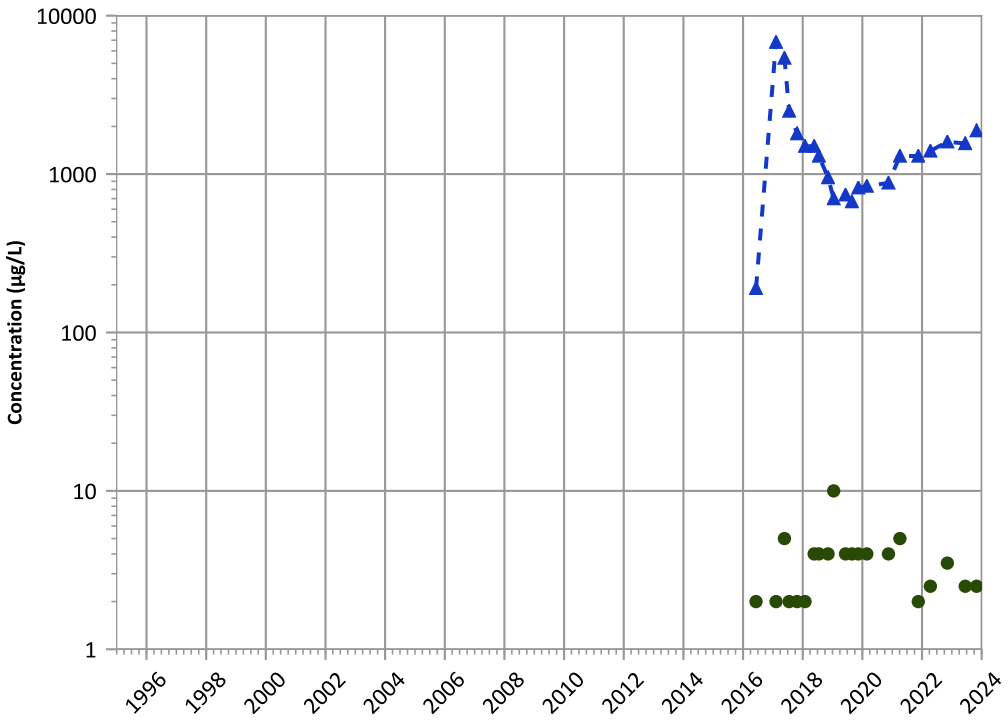


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

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

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

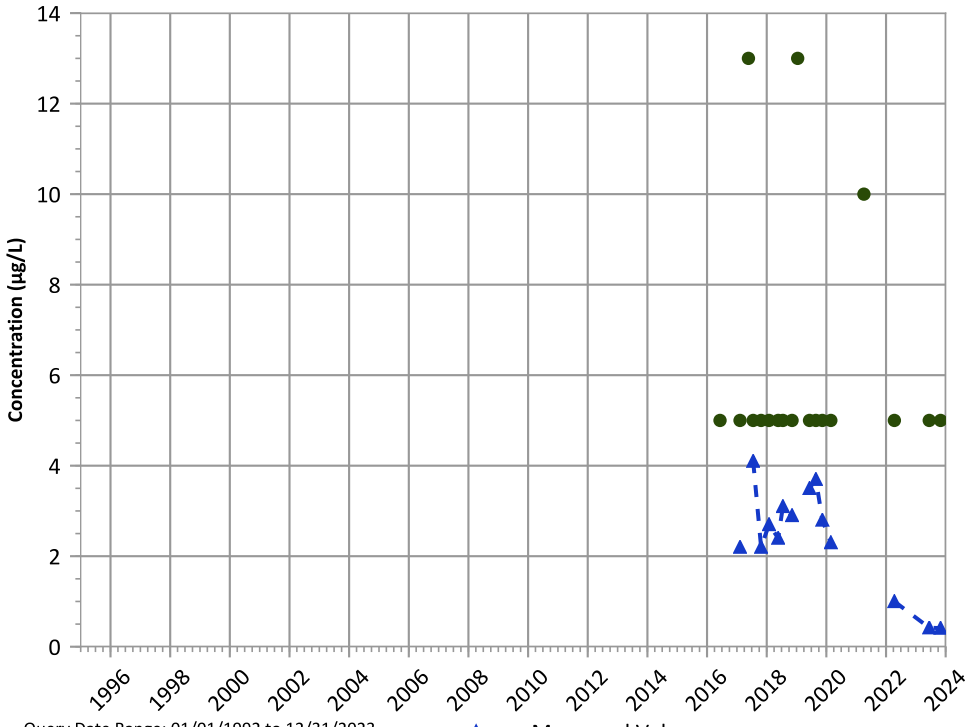


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Increasing

Molybdenum Trend



Concentration Trend

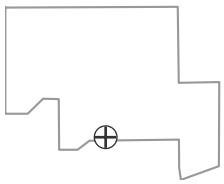
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

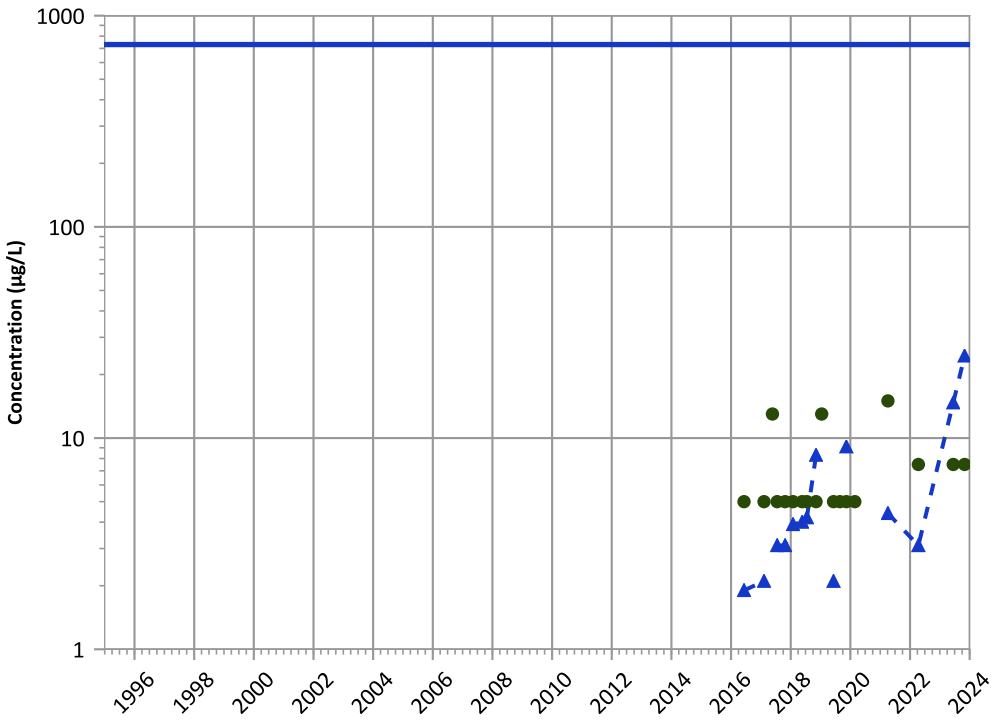
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

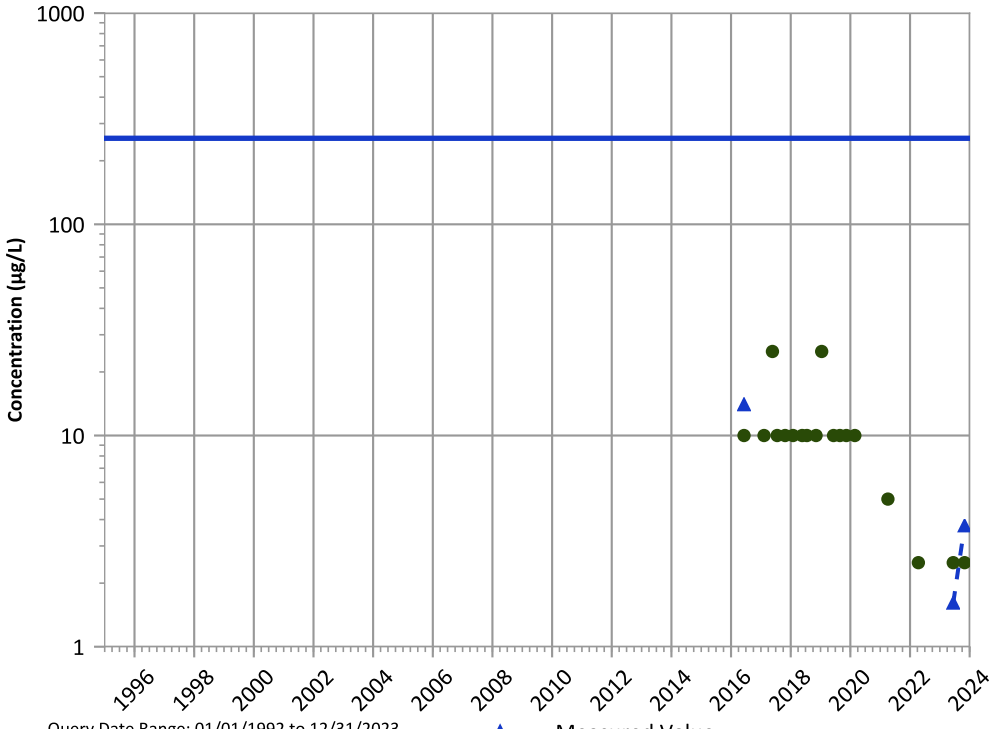


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Vanadium Trend



Concentration Trend

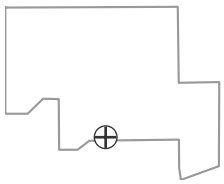
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

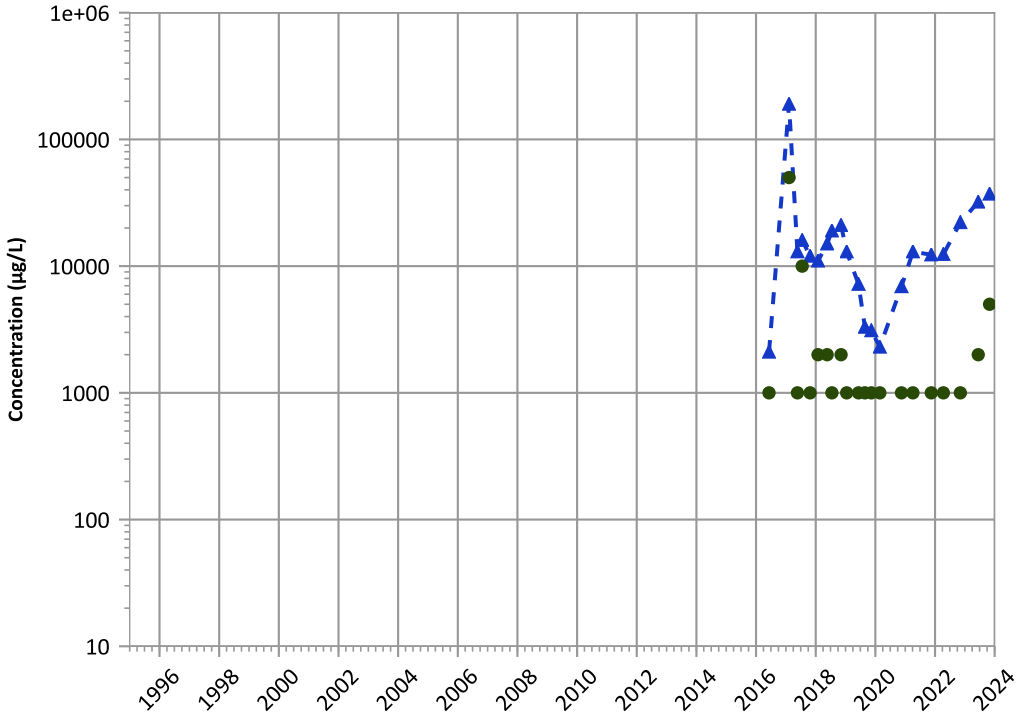
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

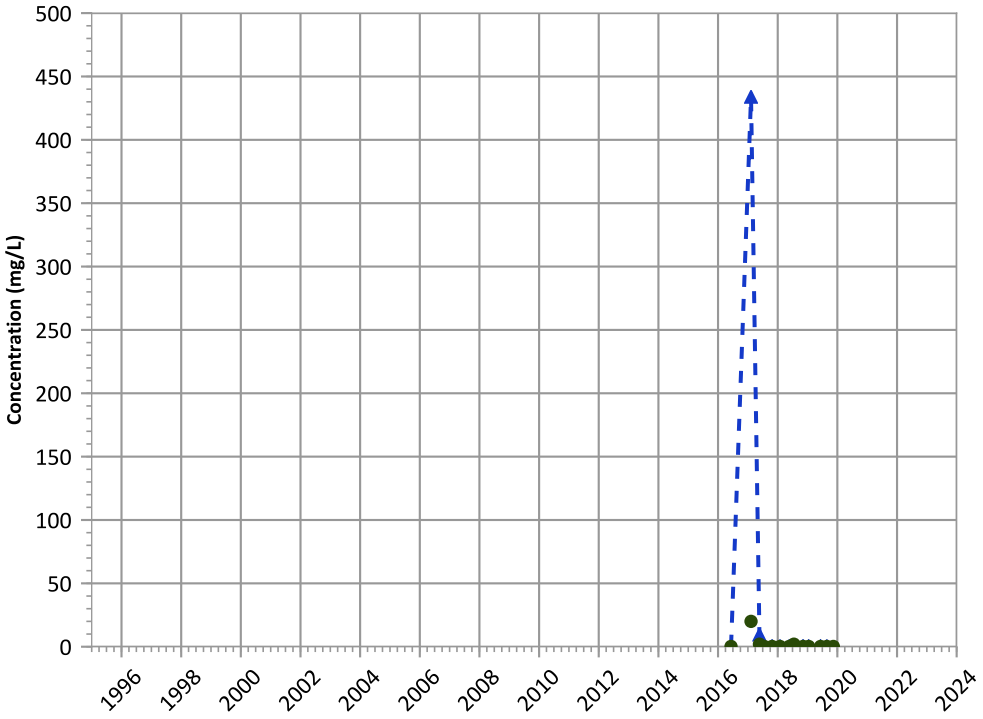


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

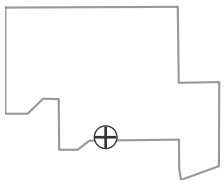
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

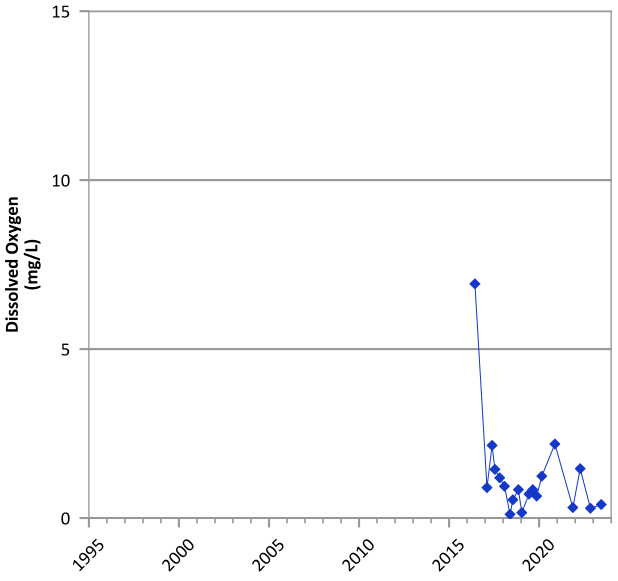
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

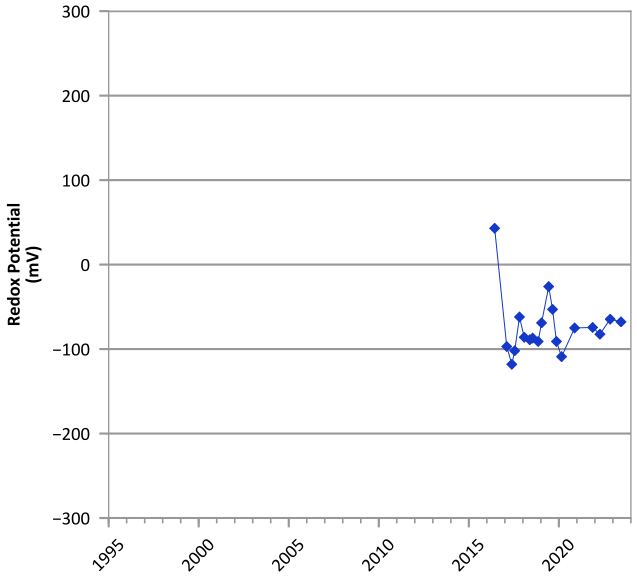
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

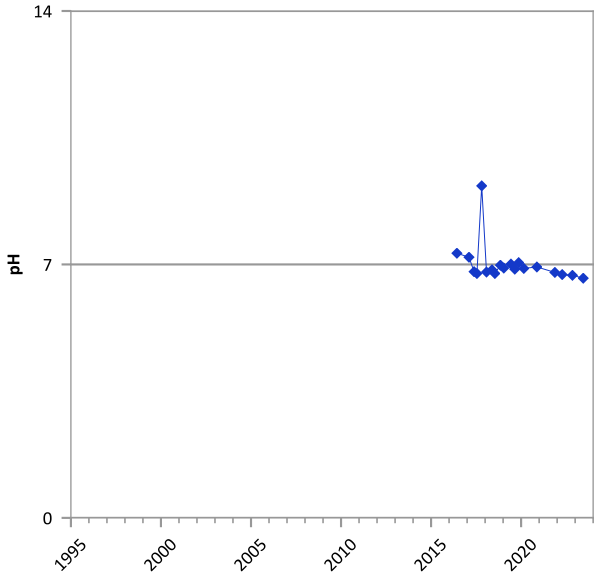
Well Location

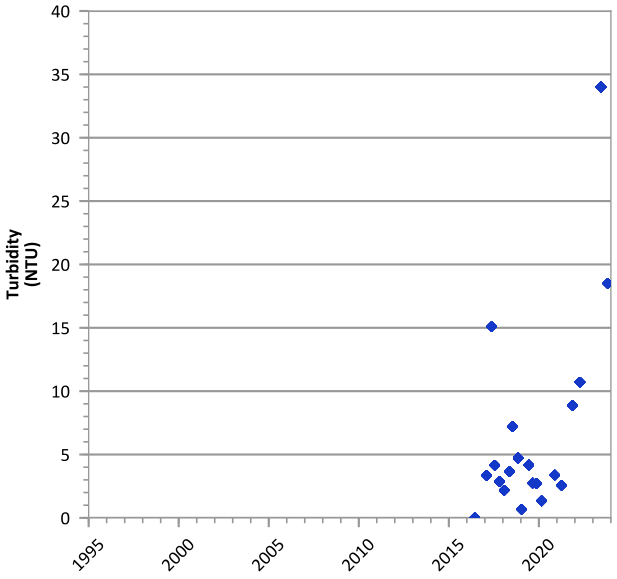


PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

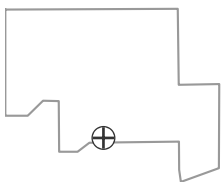






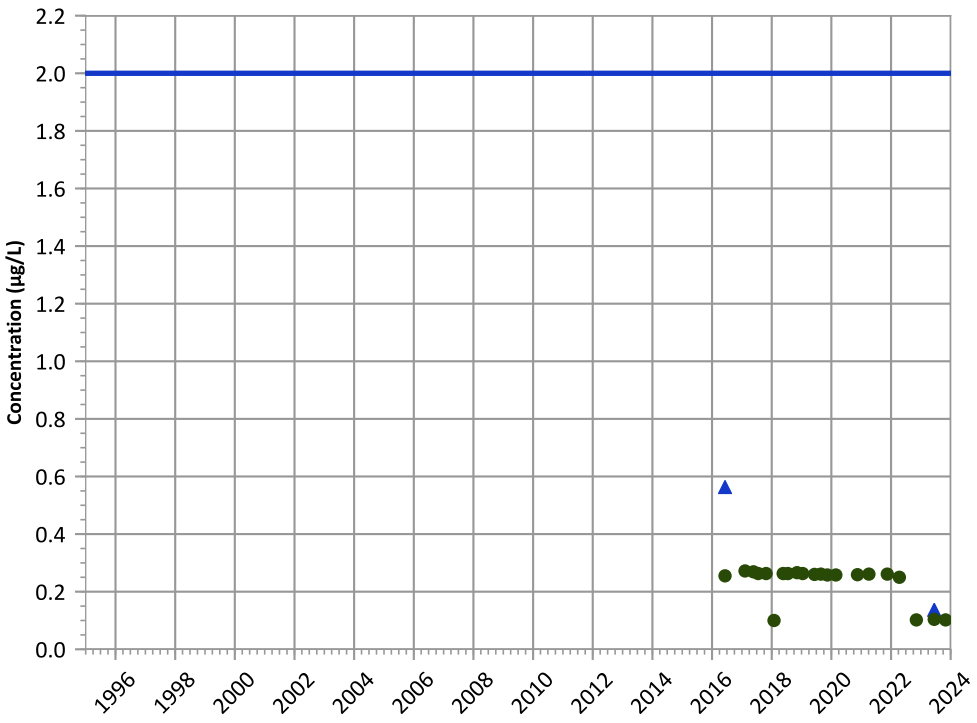


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

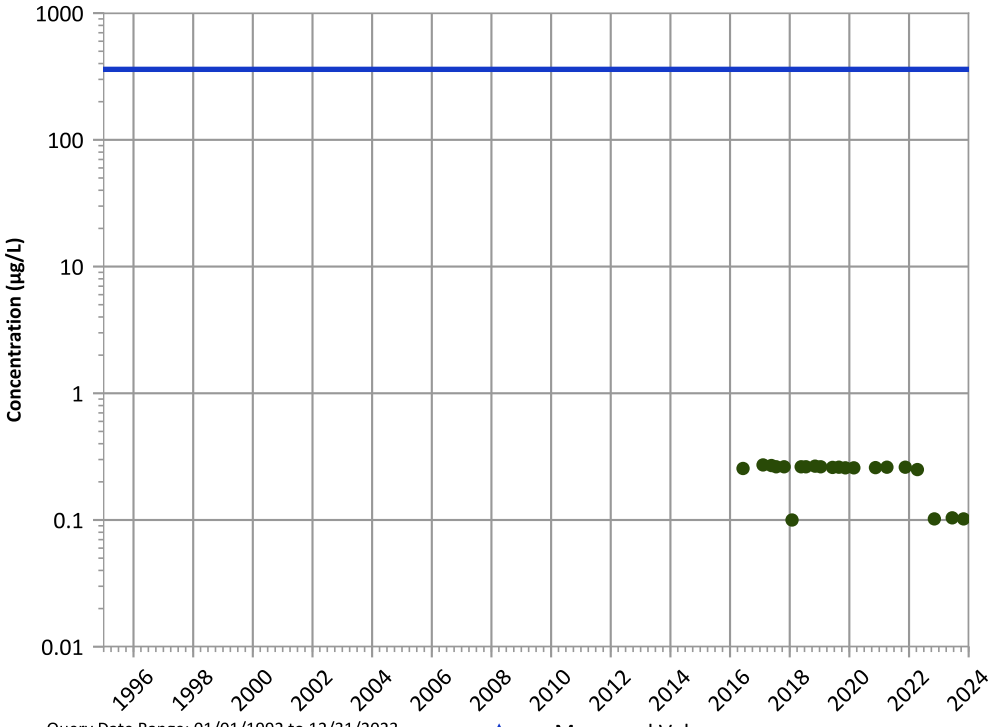


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

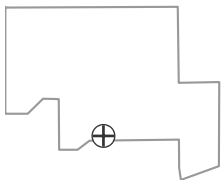
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

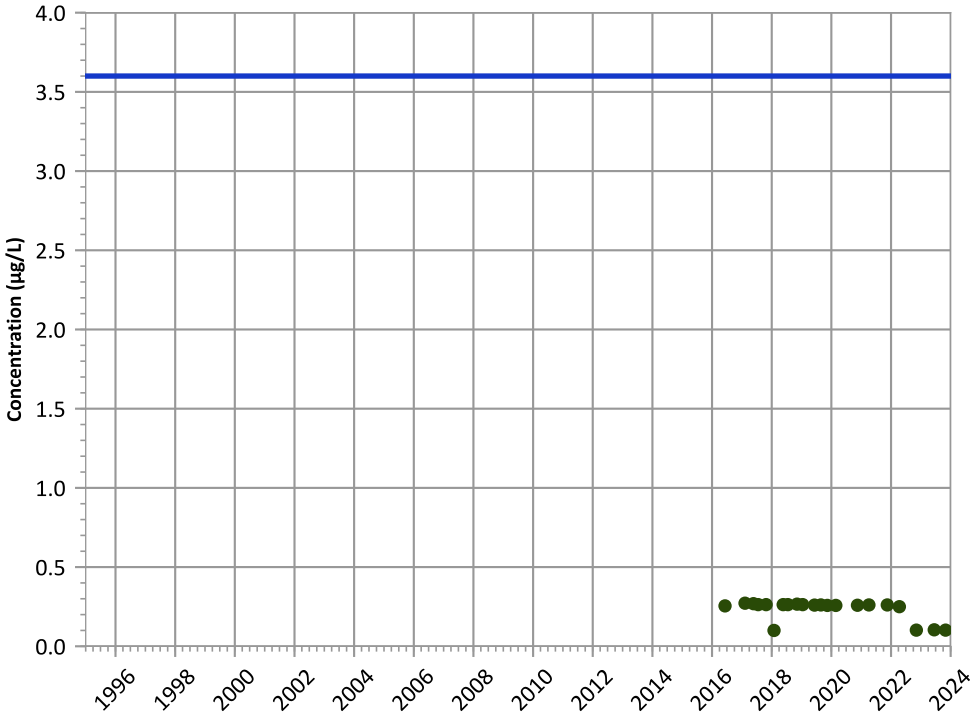
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

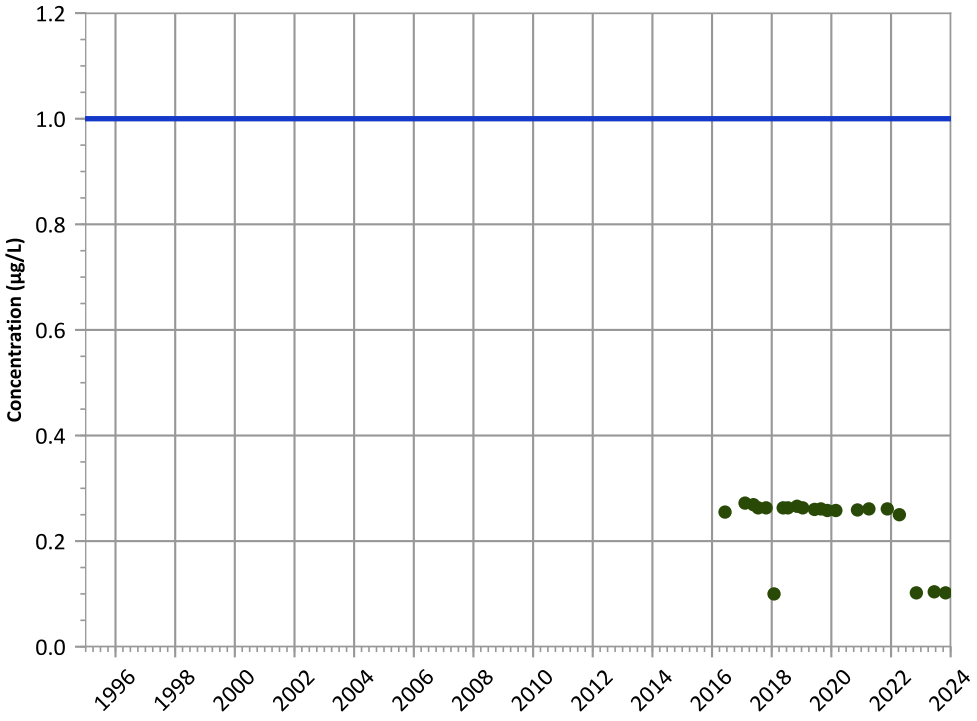


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

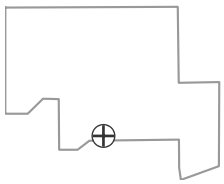
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

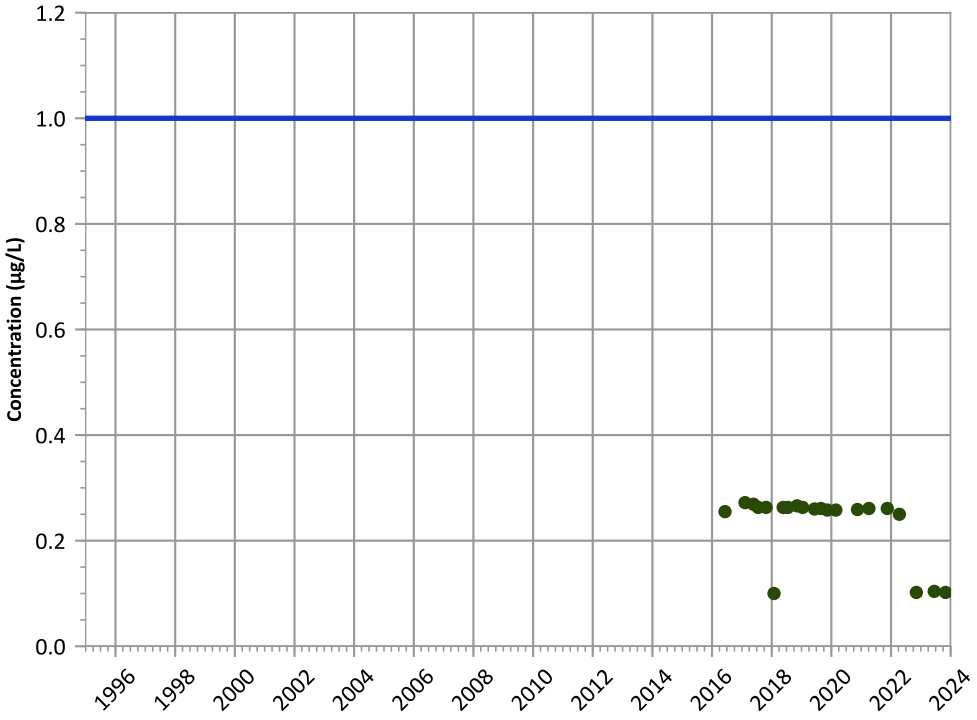
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

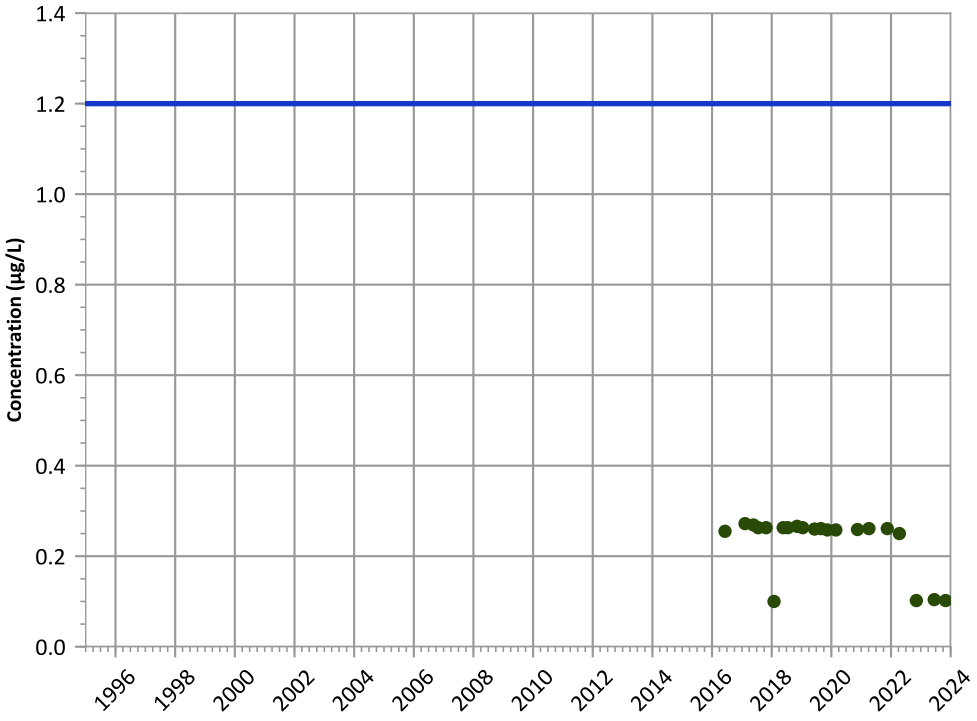


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

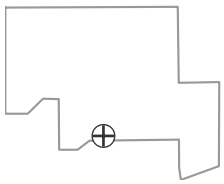
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

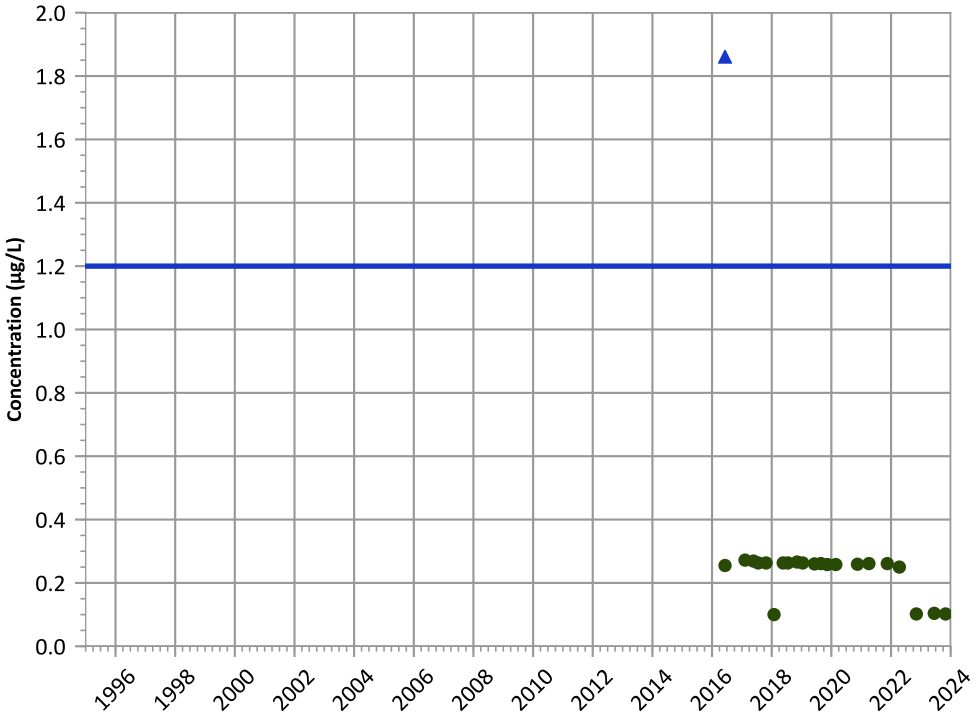
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

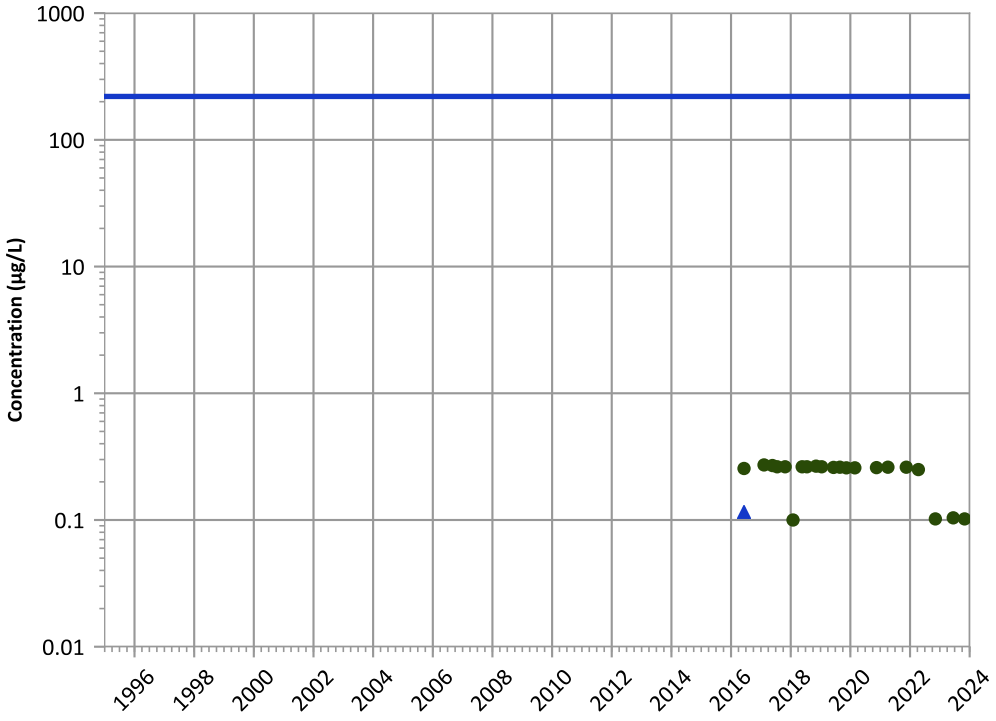


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

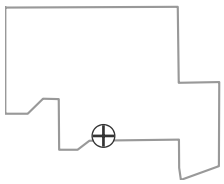
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

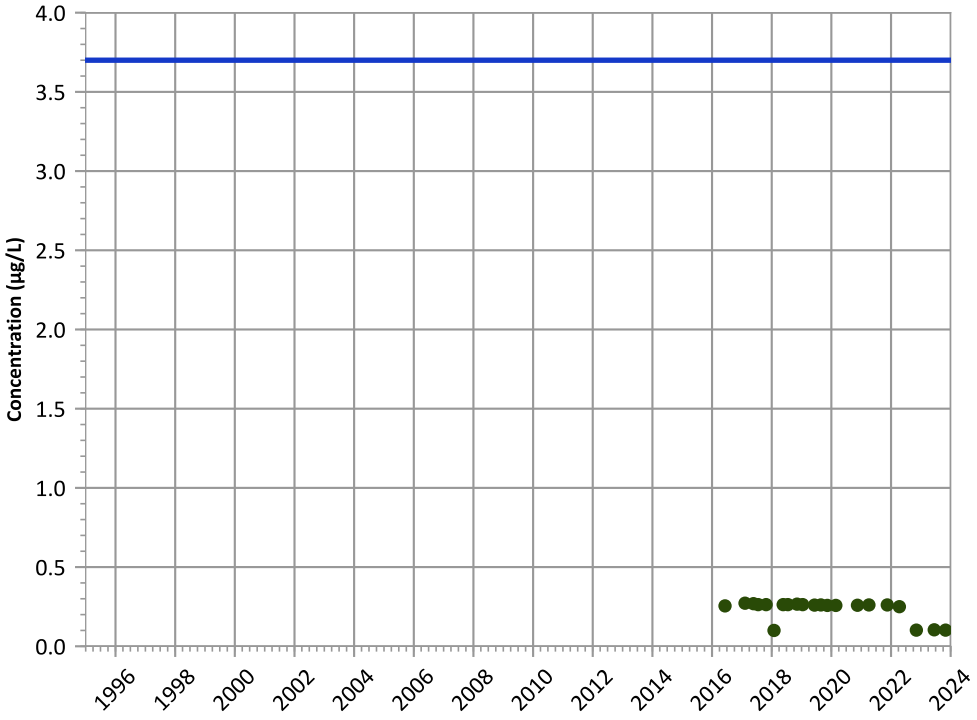
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

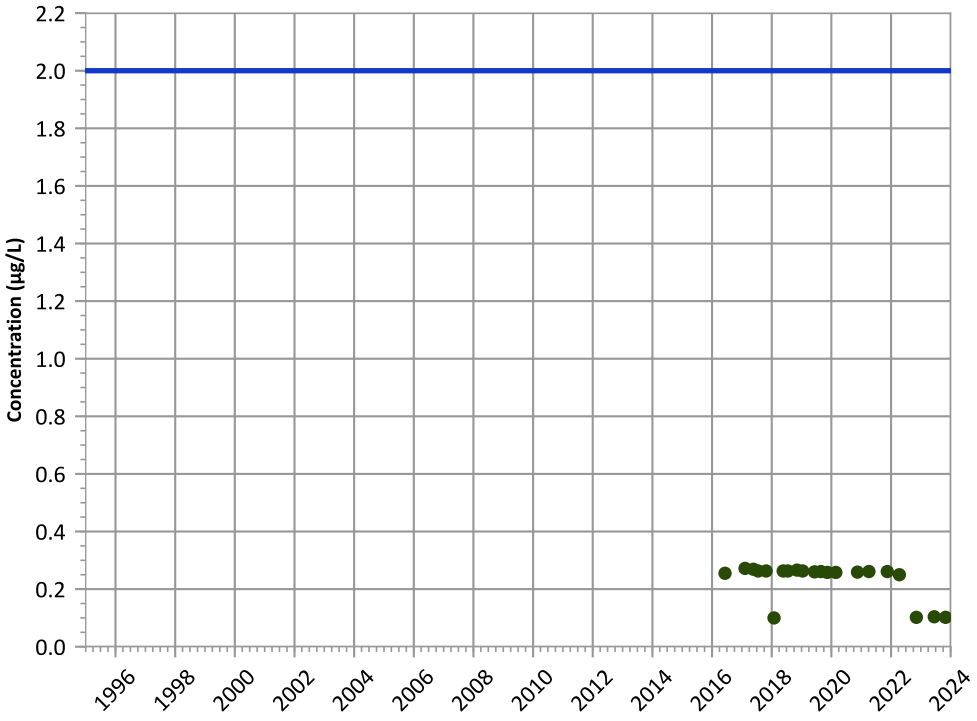


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

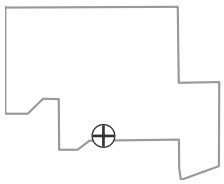
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

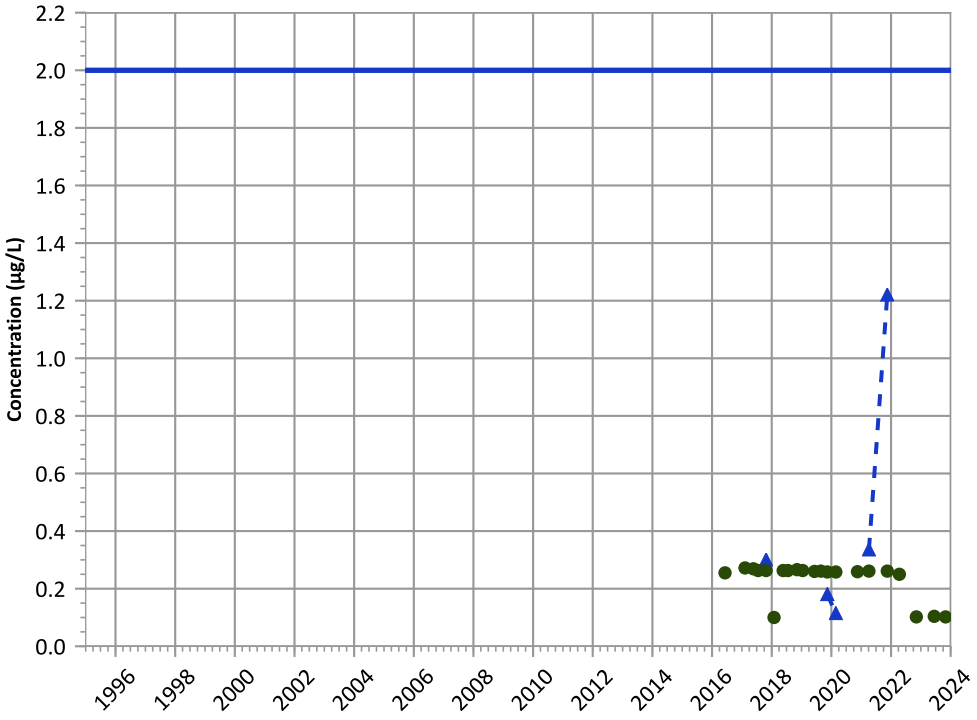
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

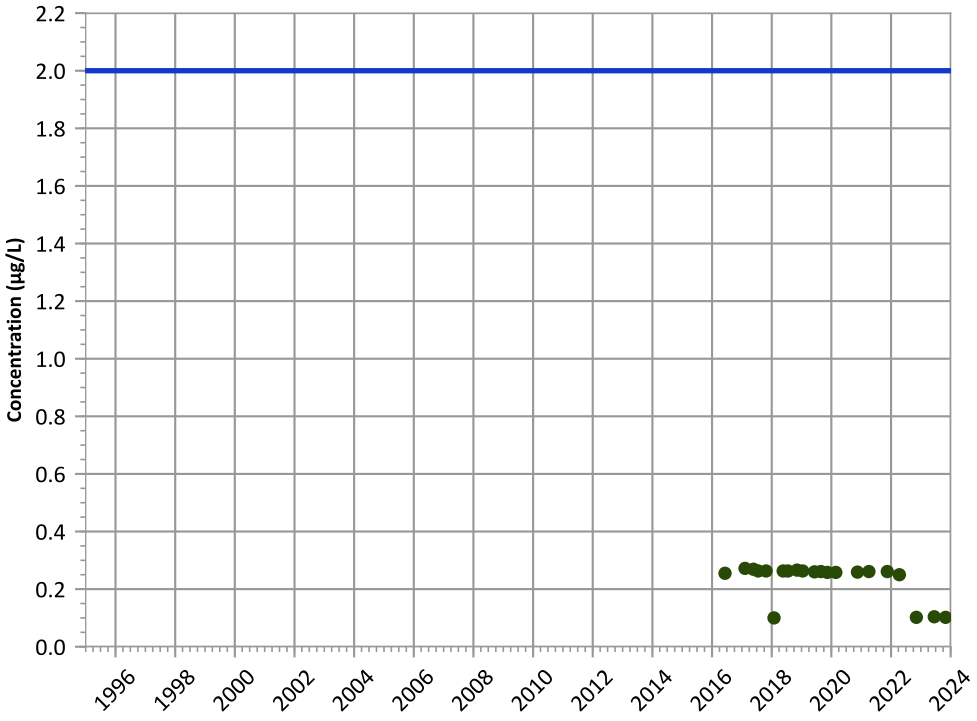


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

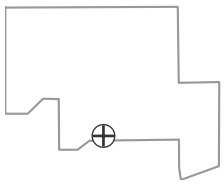
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

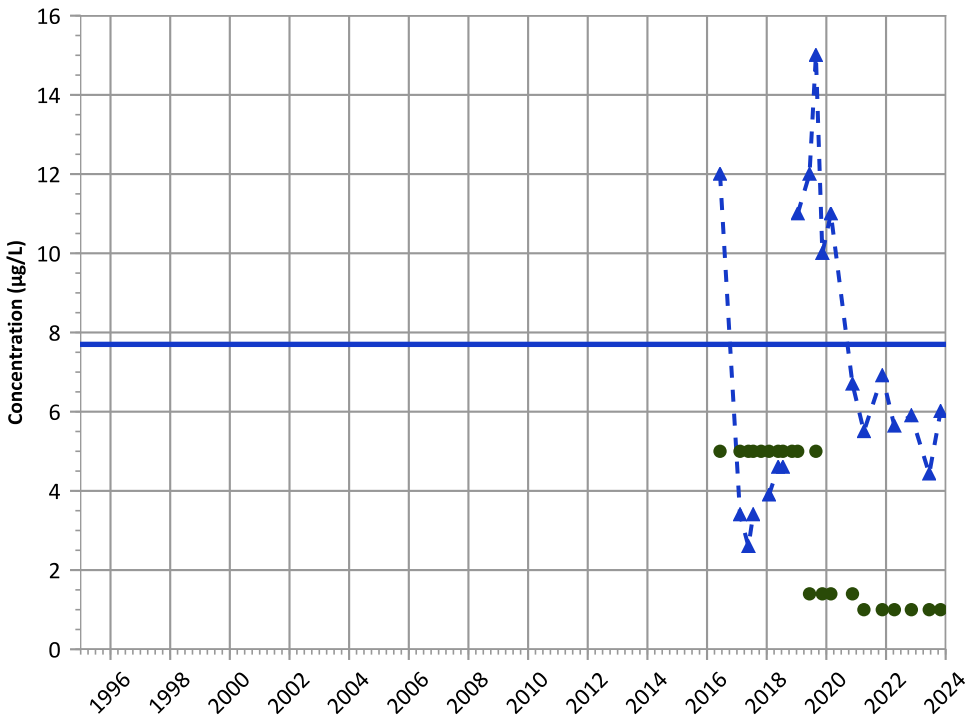
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

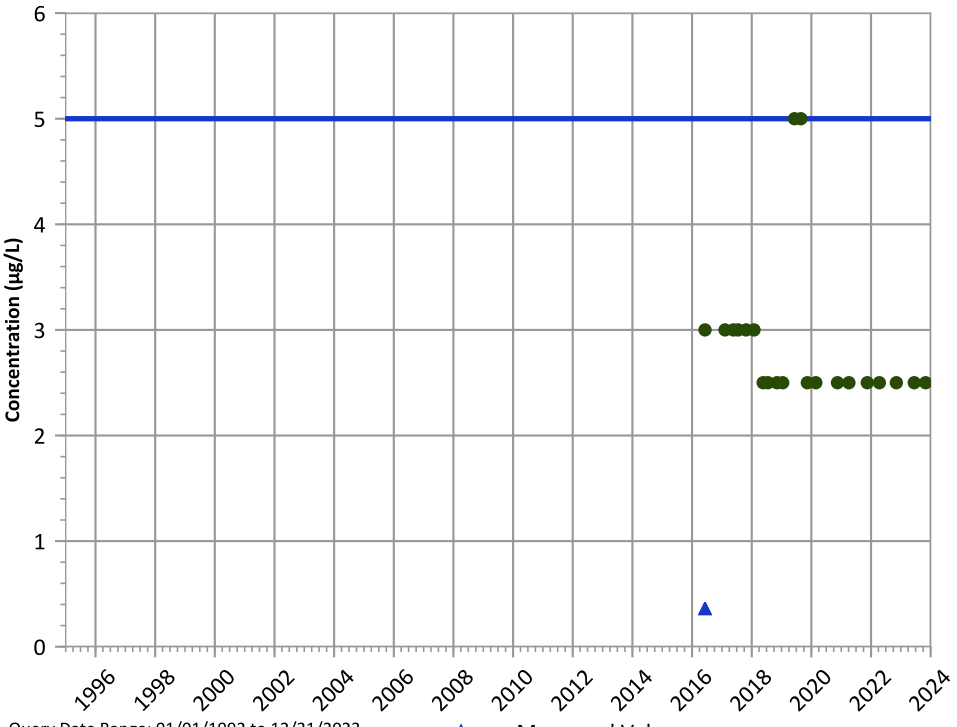


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

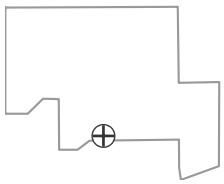
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

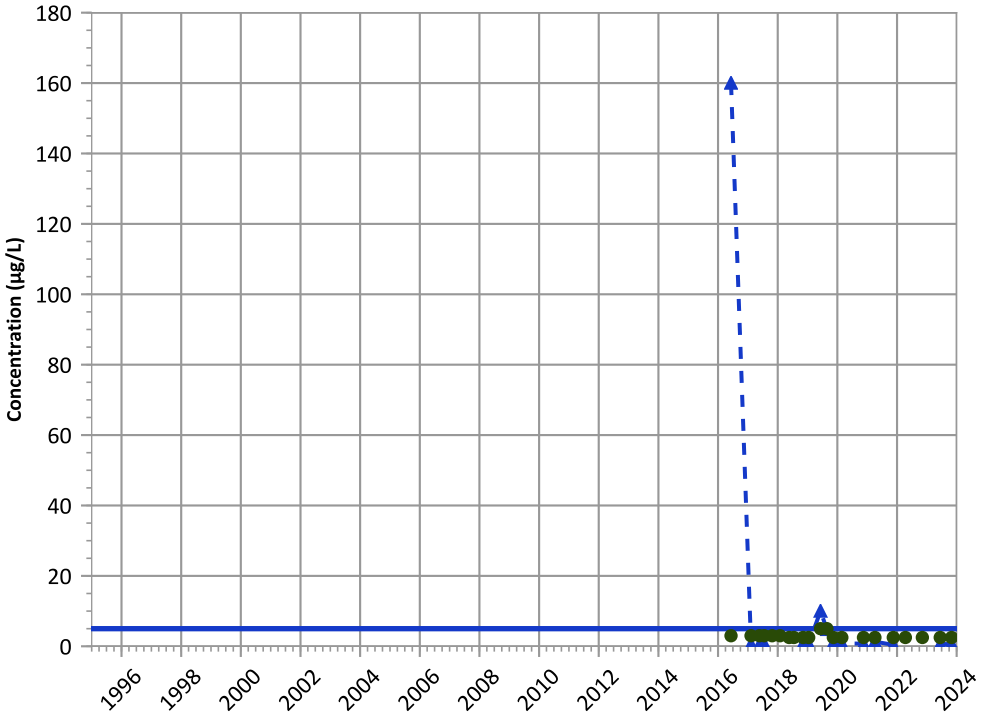
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

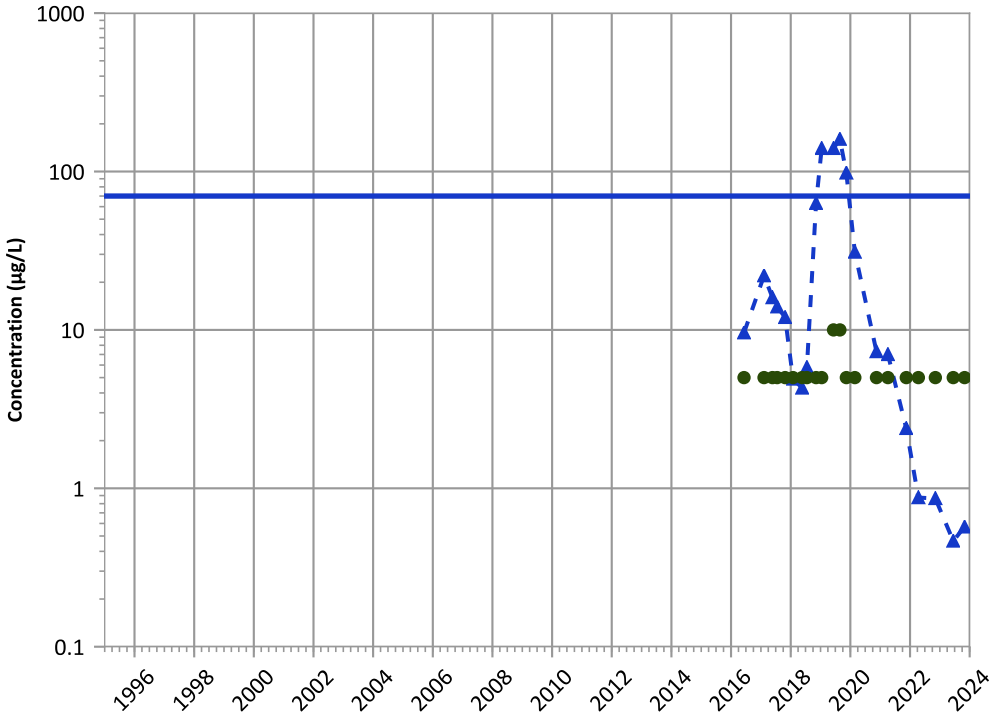


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

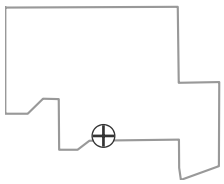
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

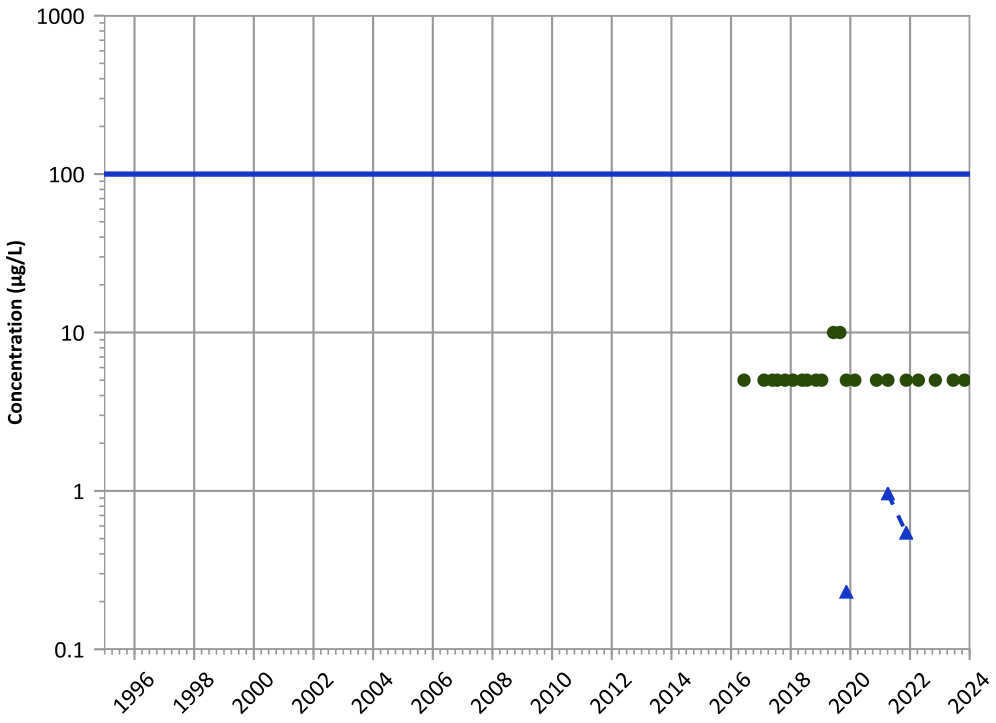
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

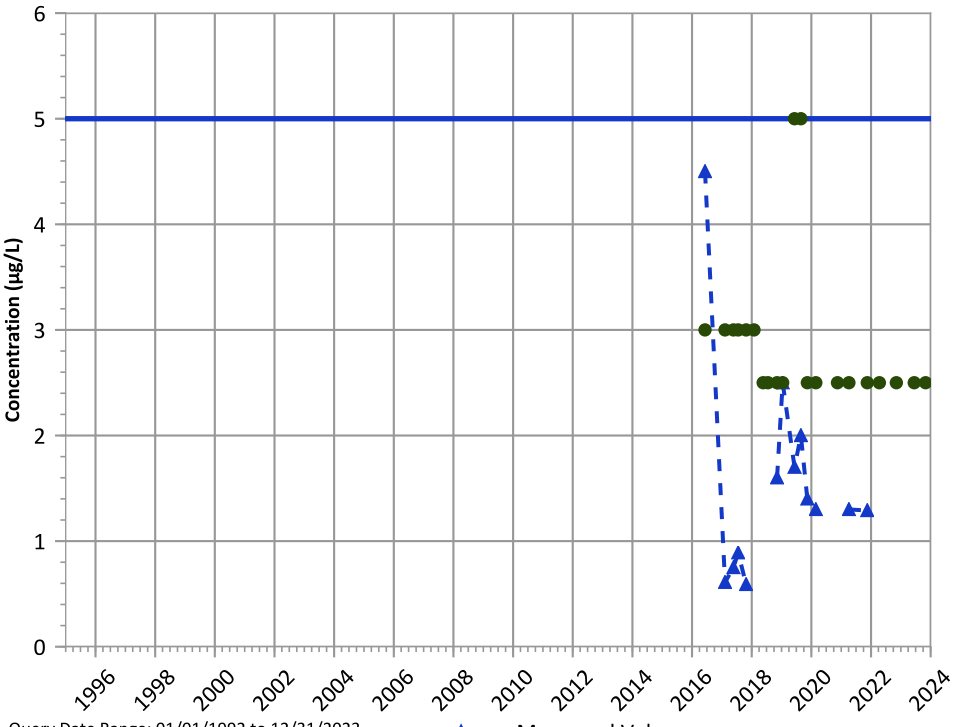


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

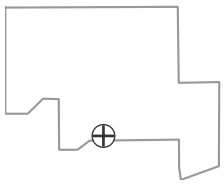
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

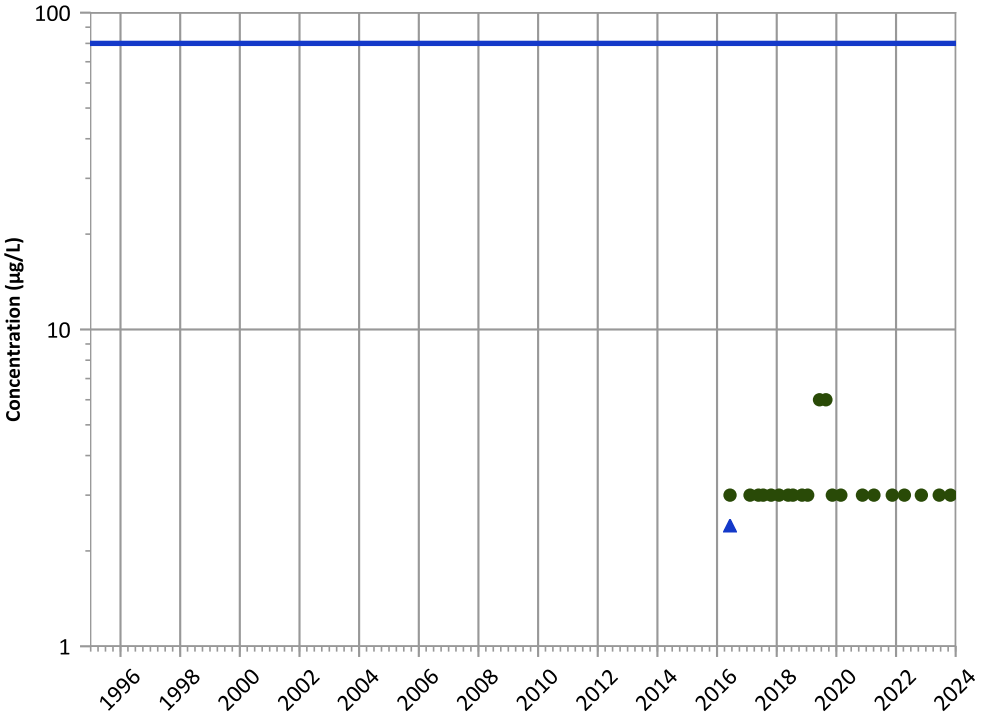
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

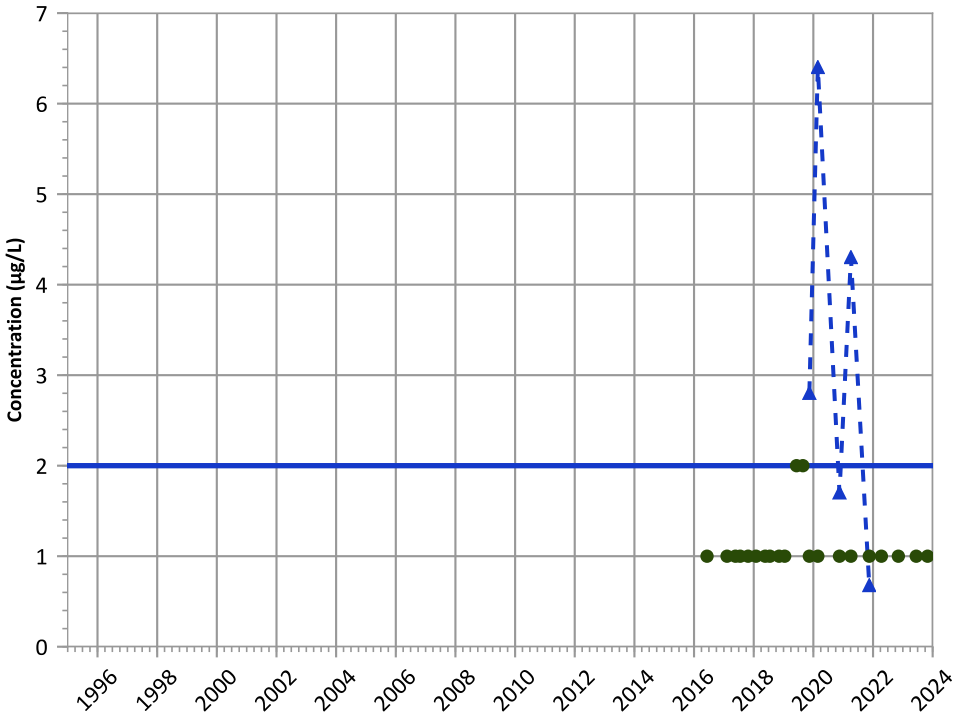


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

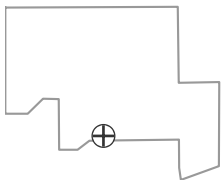
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

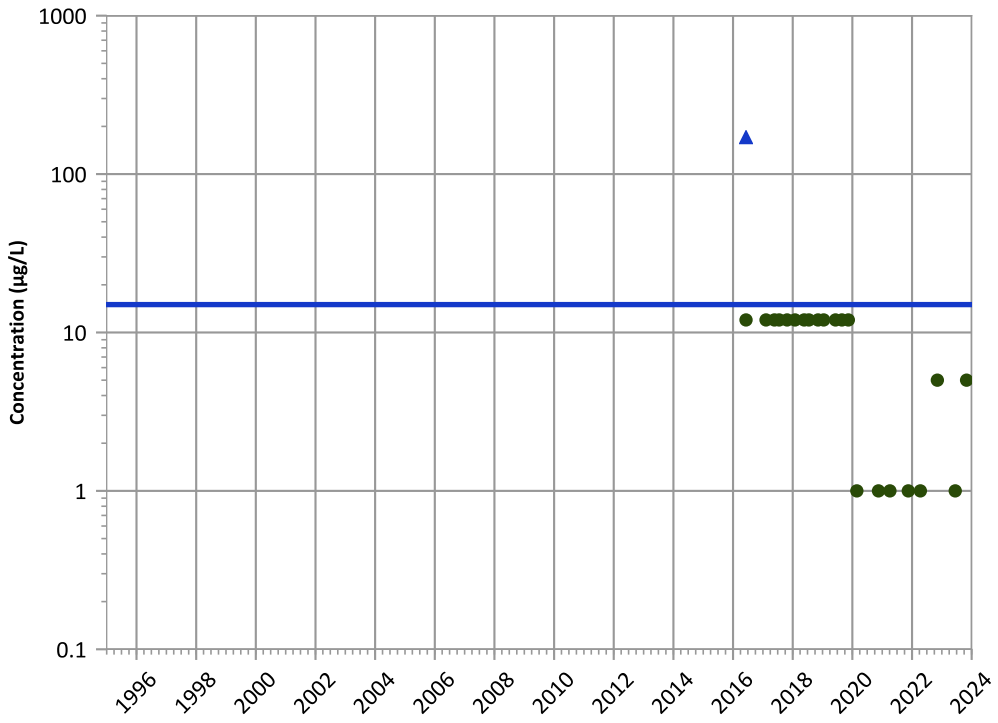
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

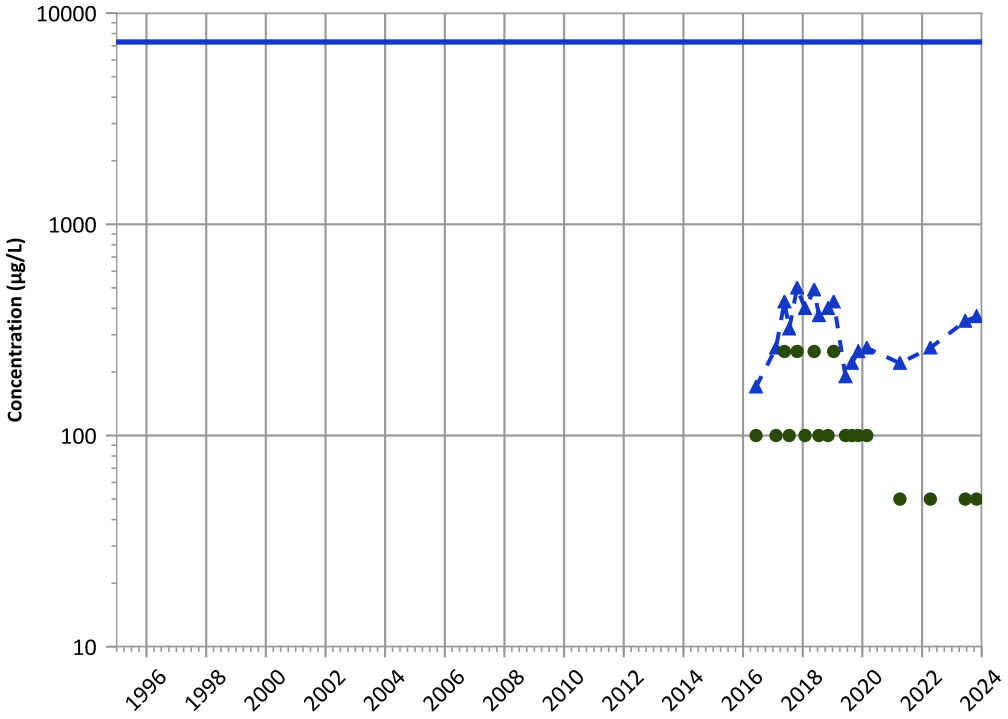


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

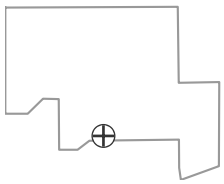
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

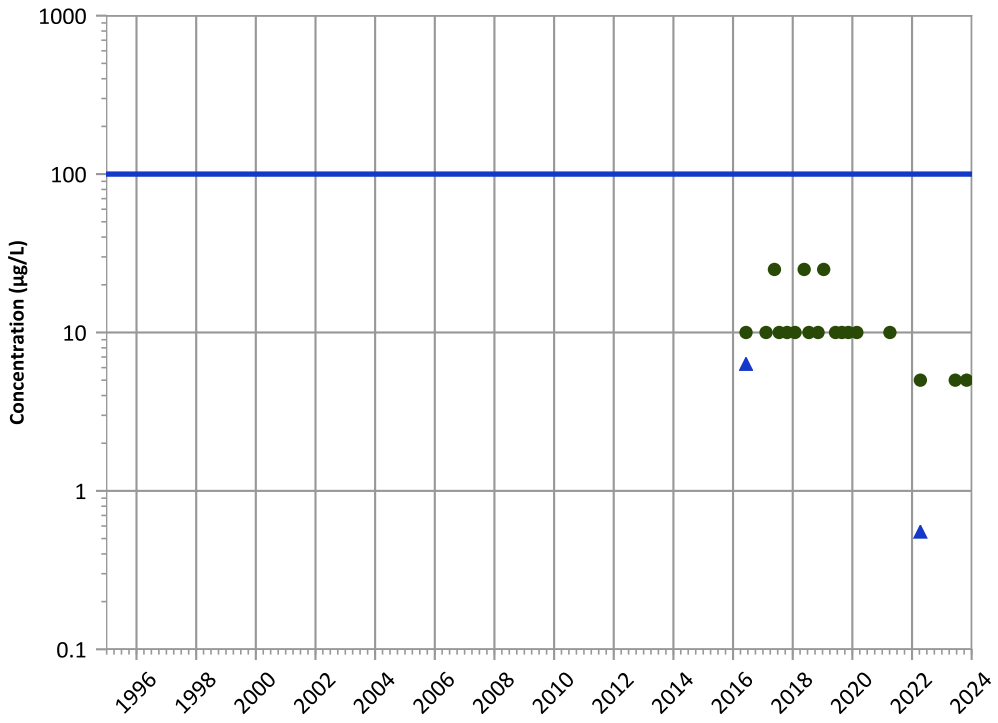
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

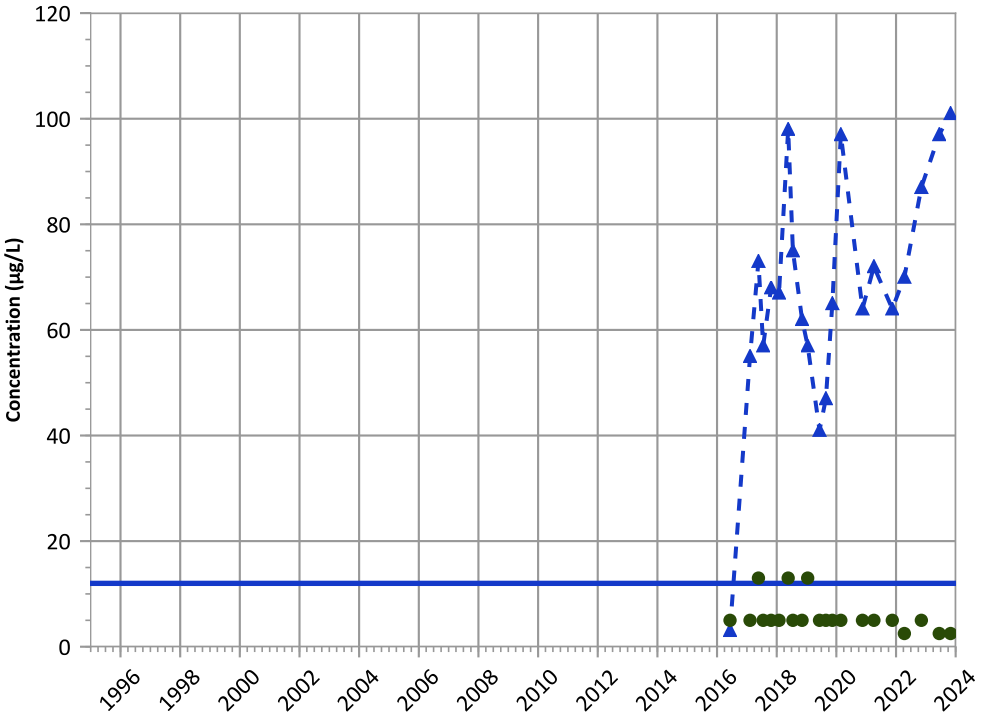


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

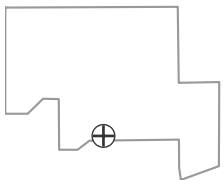
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

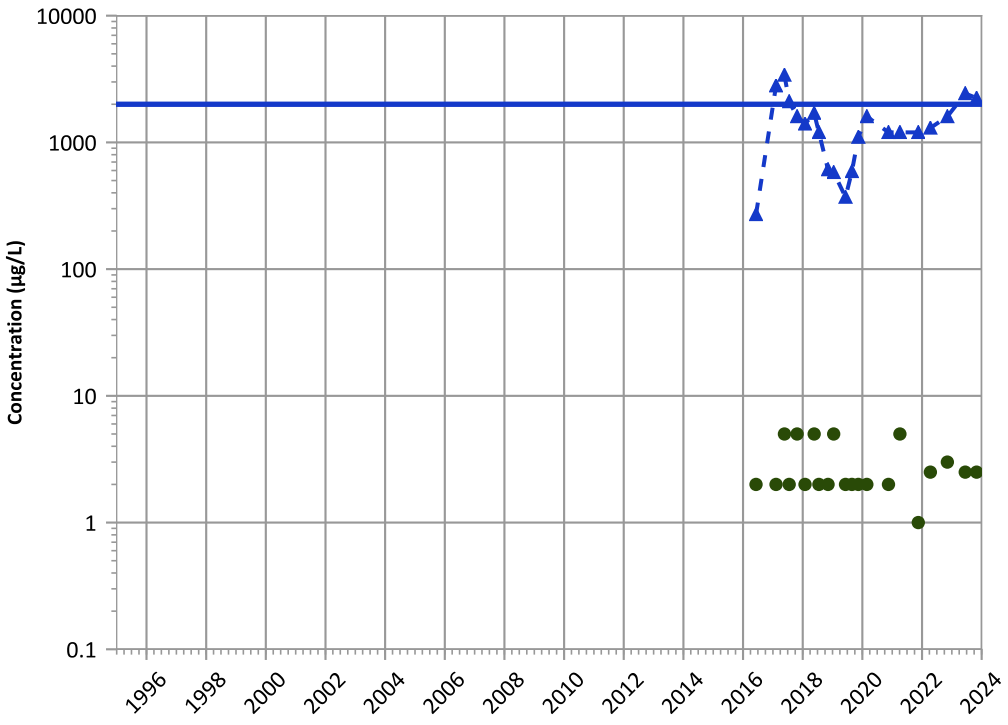
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

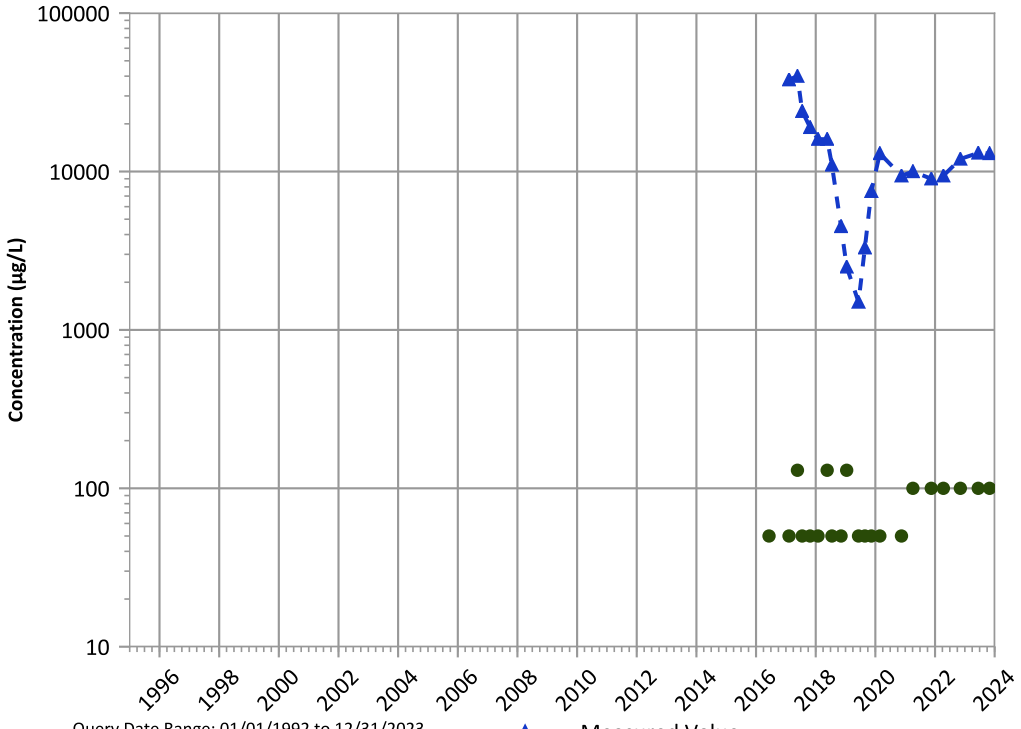


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Iron Trend



Concentration Trend

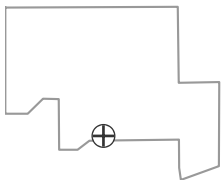
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

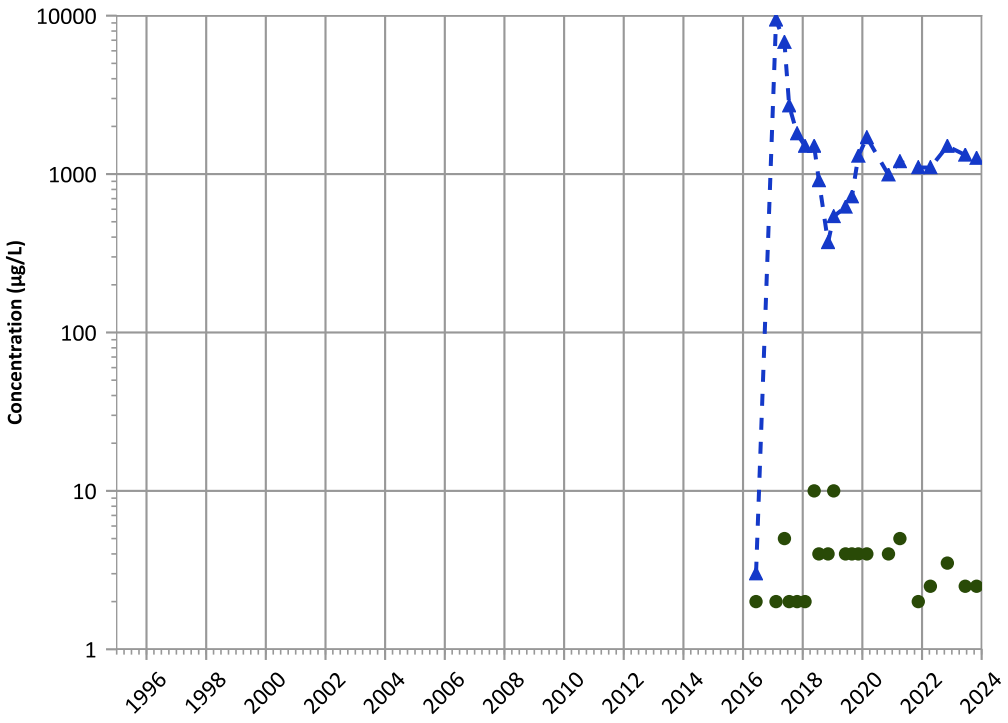
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

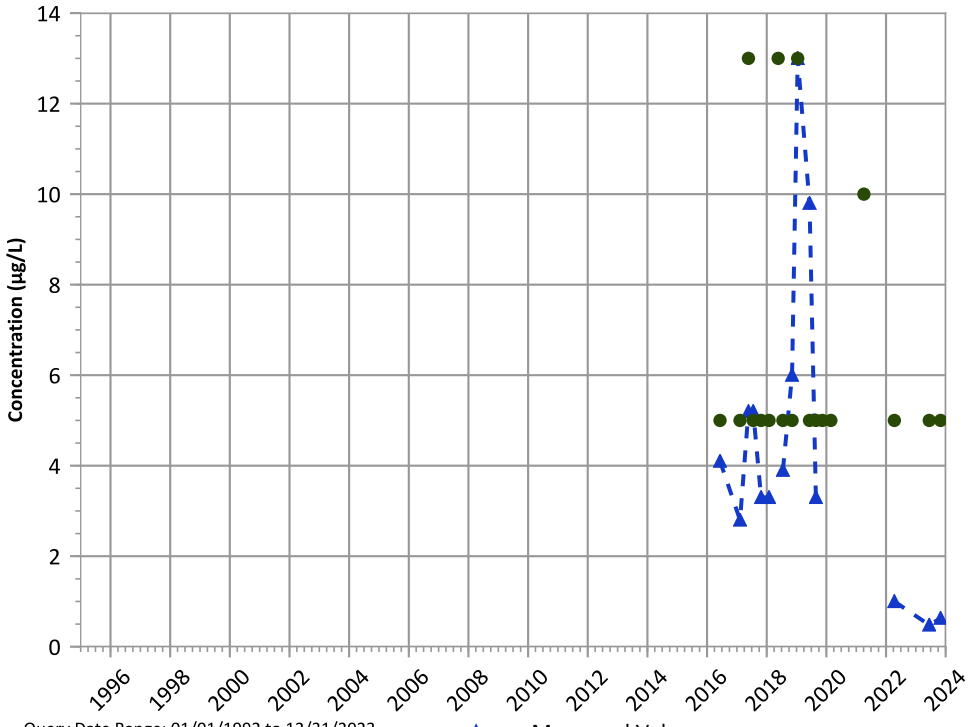


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Molybdenum Trend



Concentration Trend

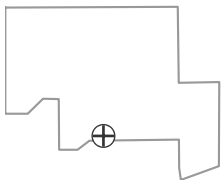
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

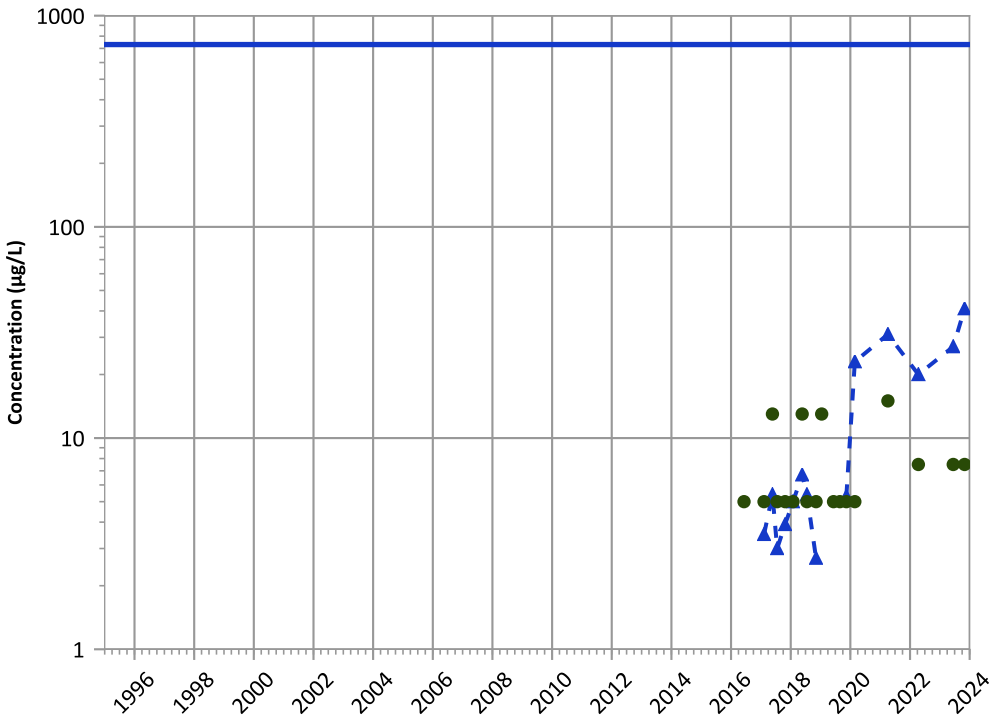
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

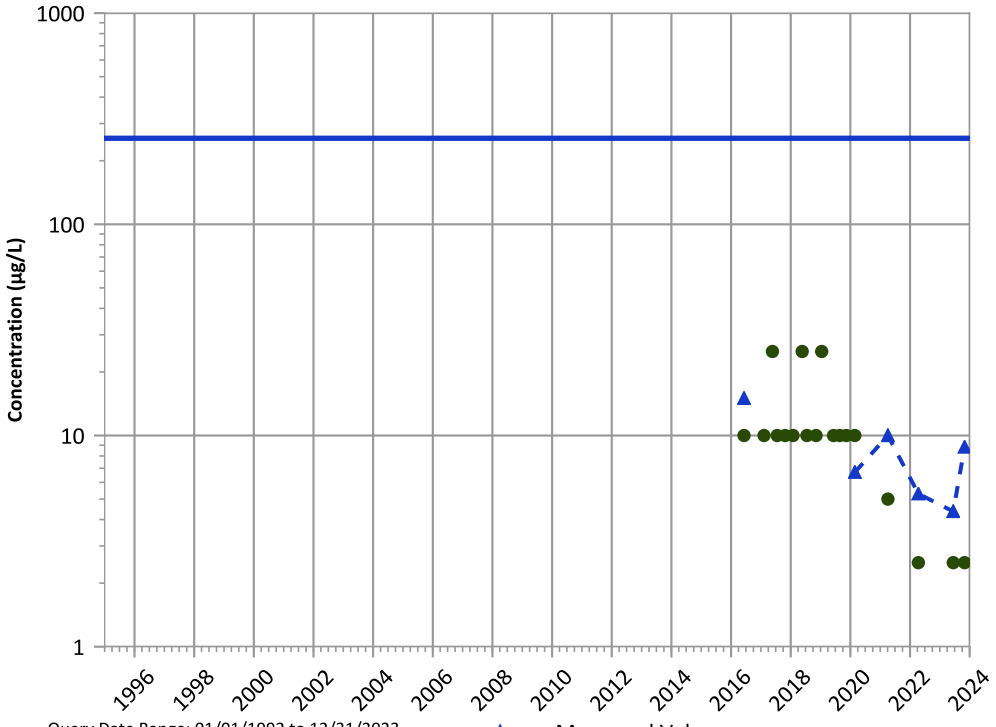


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Vanadium Trend



Concentration Trend

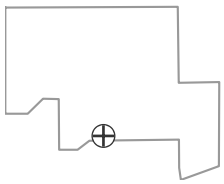
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

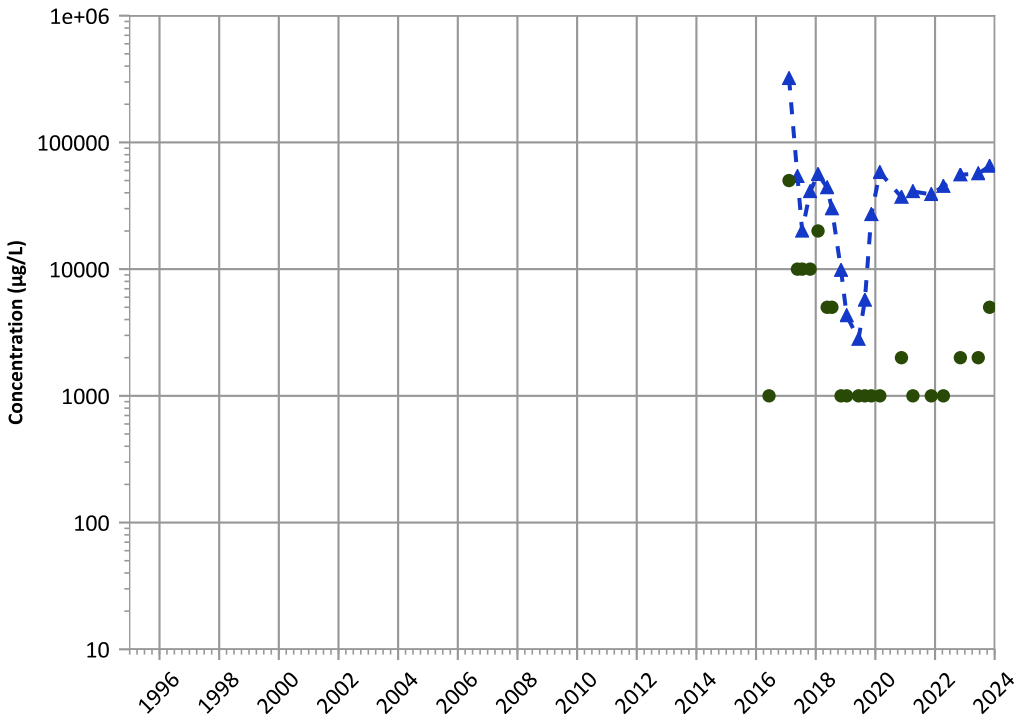
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

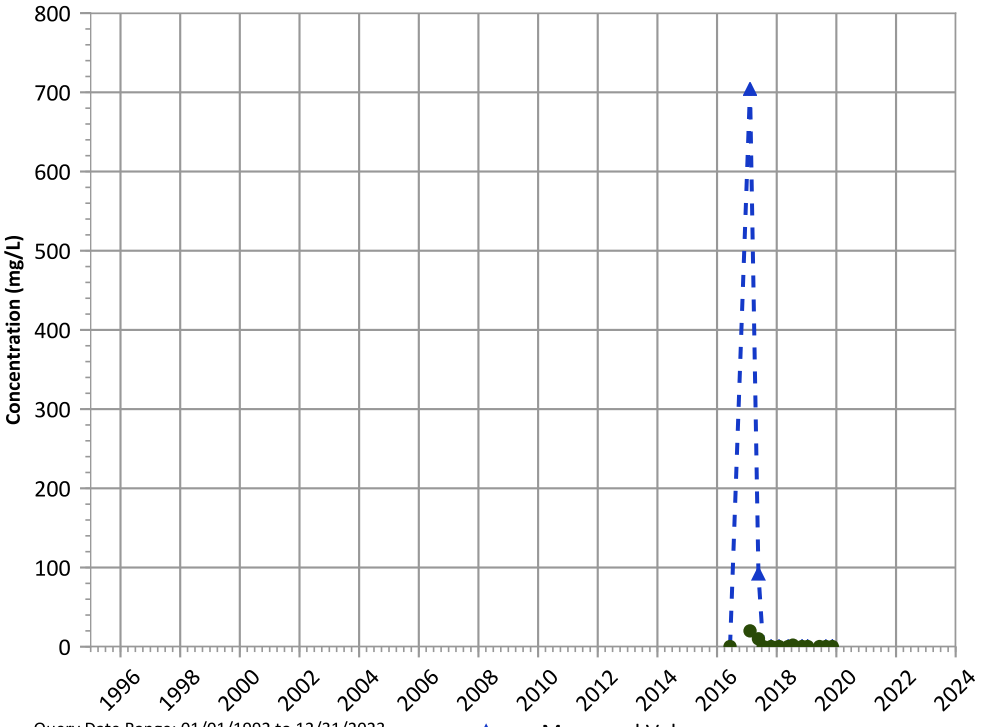


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

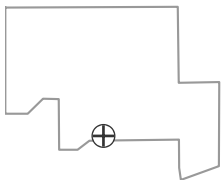
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

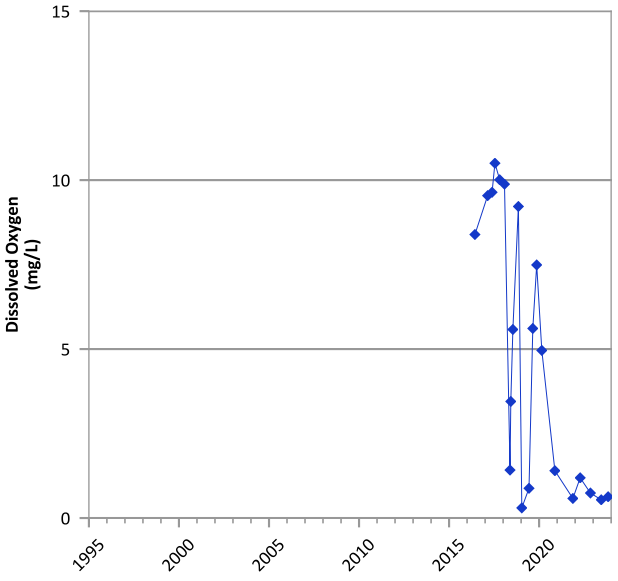
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 10/31/2023
Analysis Date: 04/01/2024

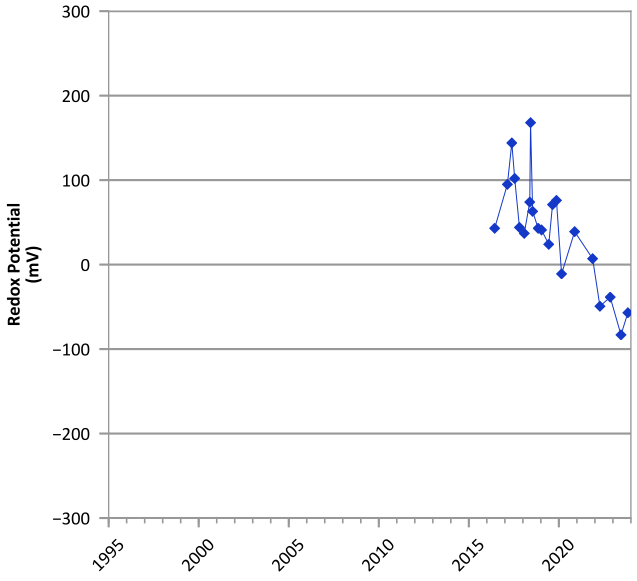
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

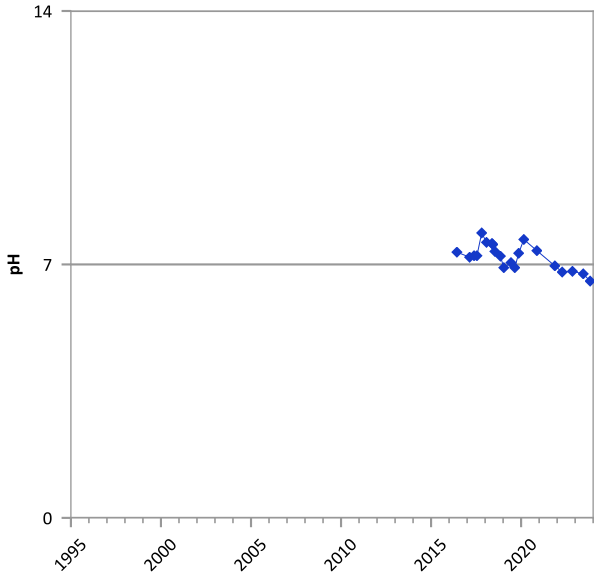
Well Location

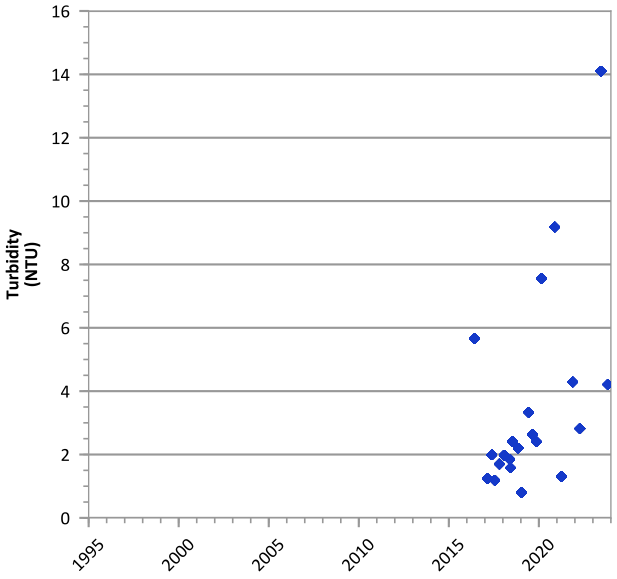


PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

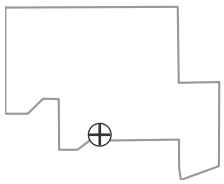






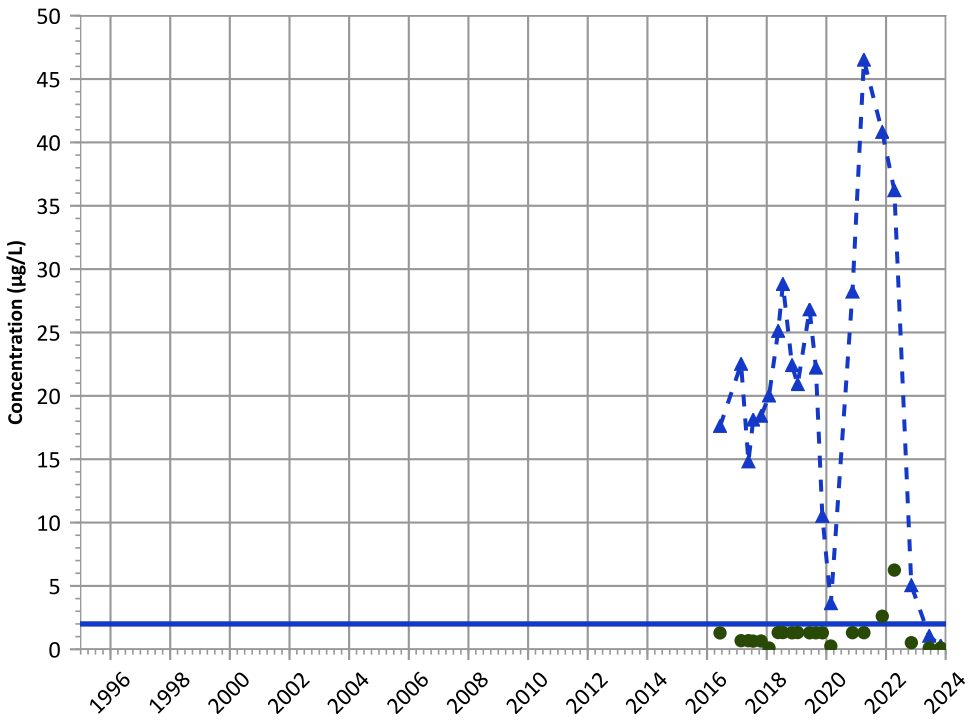


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

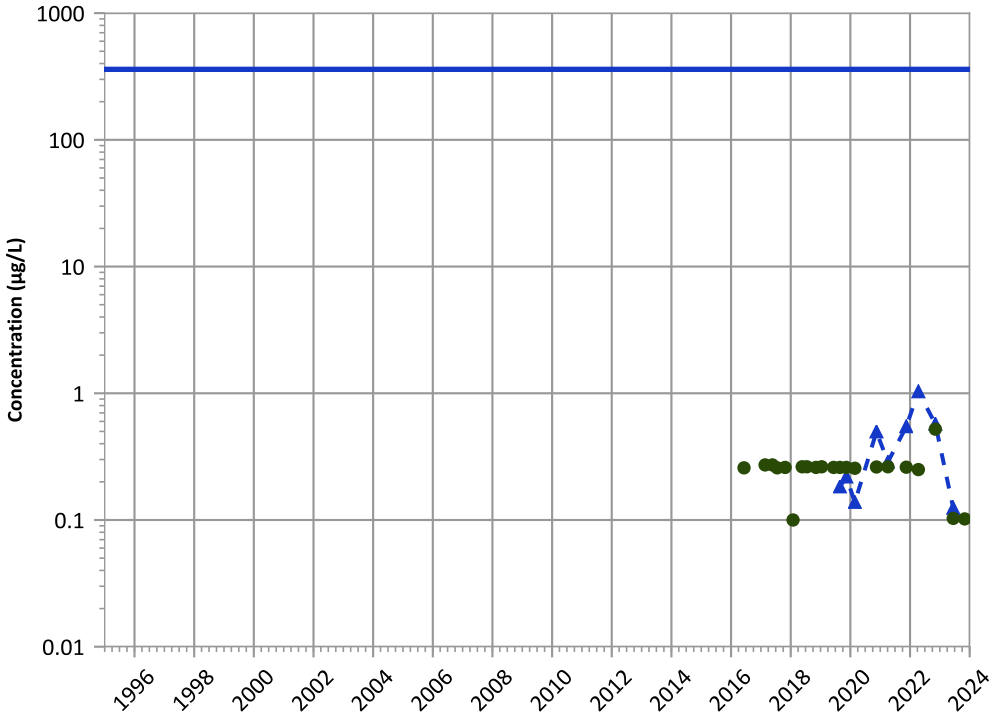


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

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



Concentration Trend

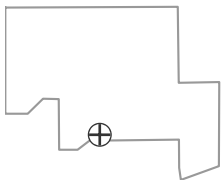
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

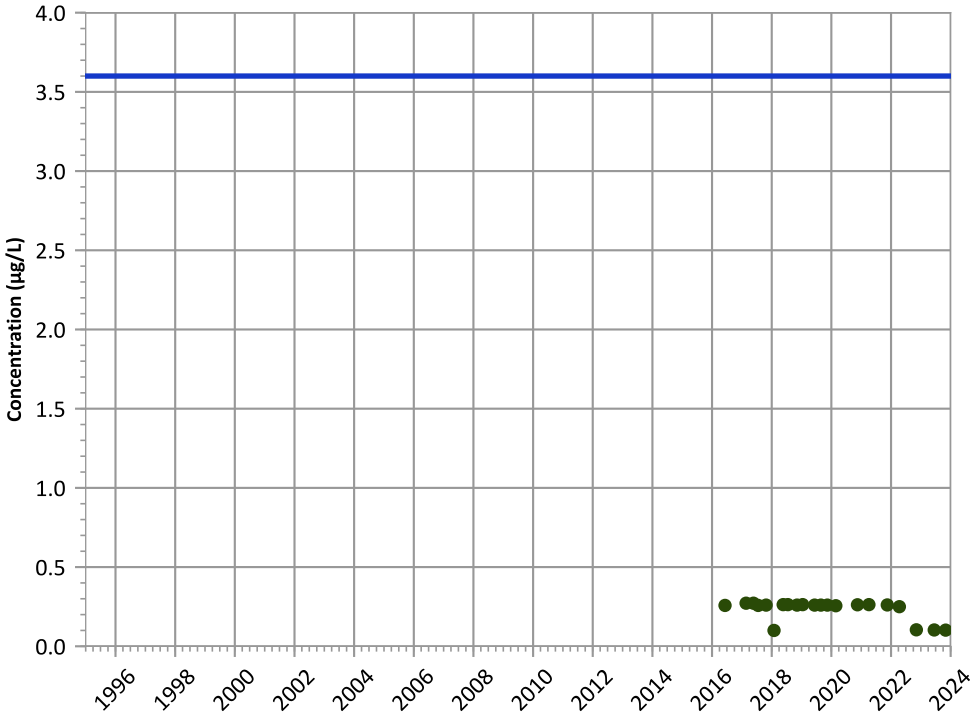
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

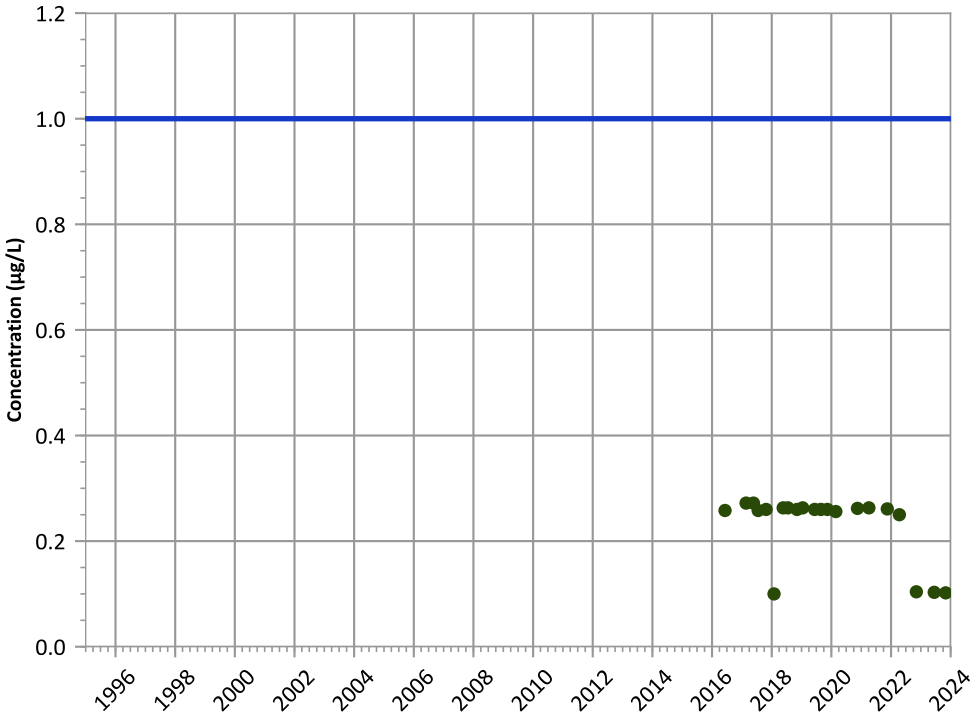


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

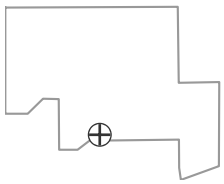
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

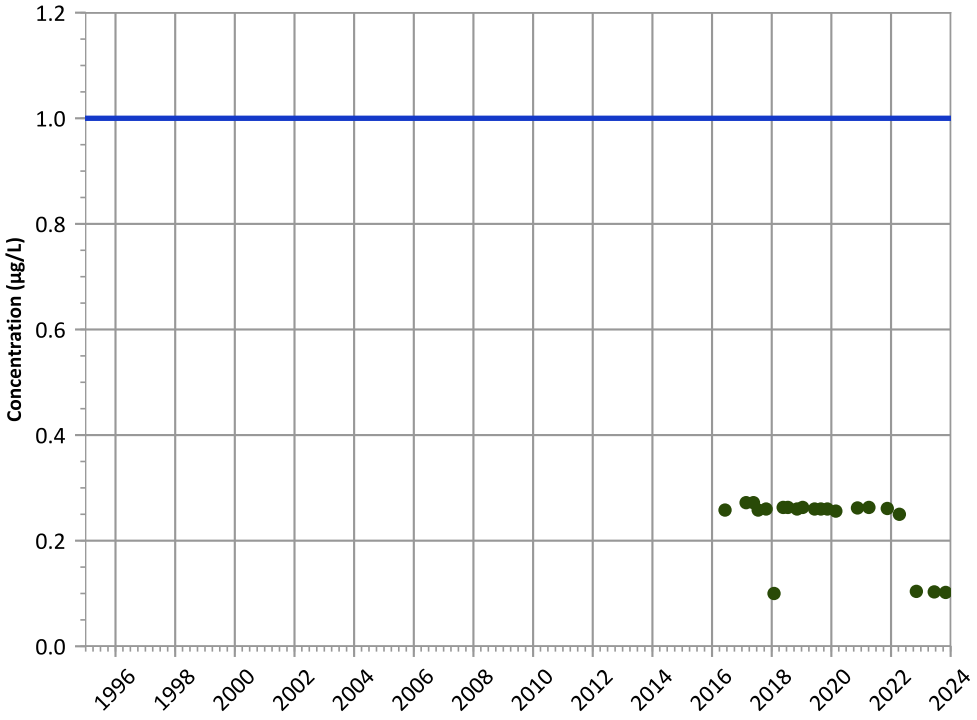
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

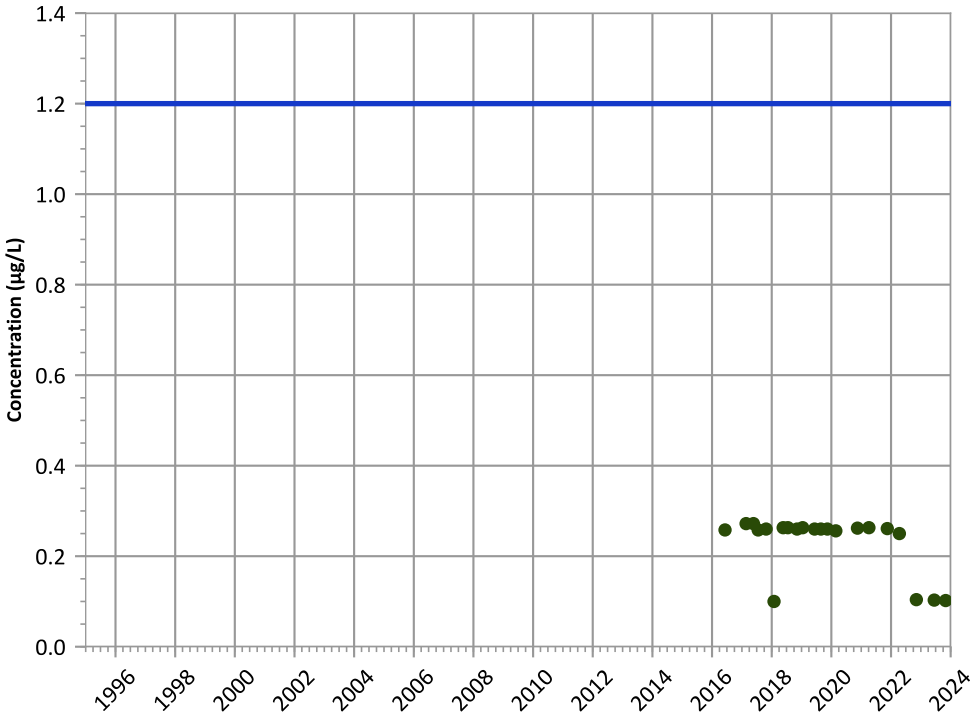


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

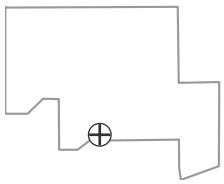
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

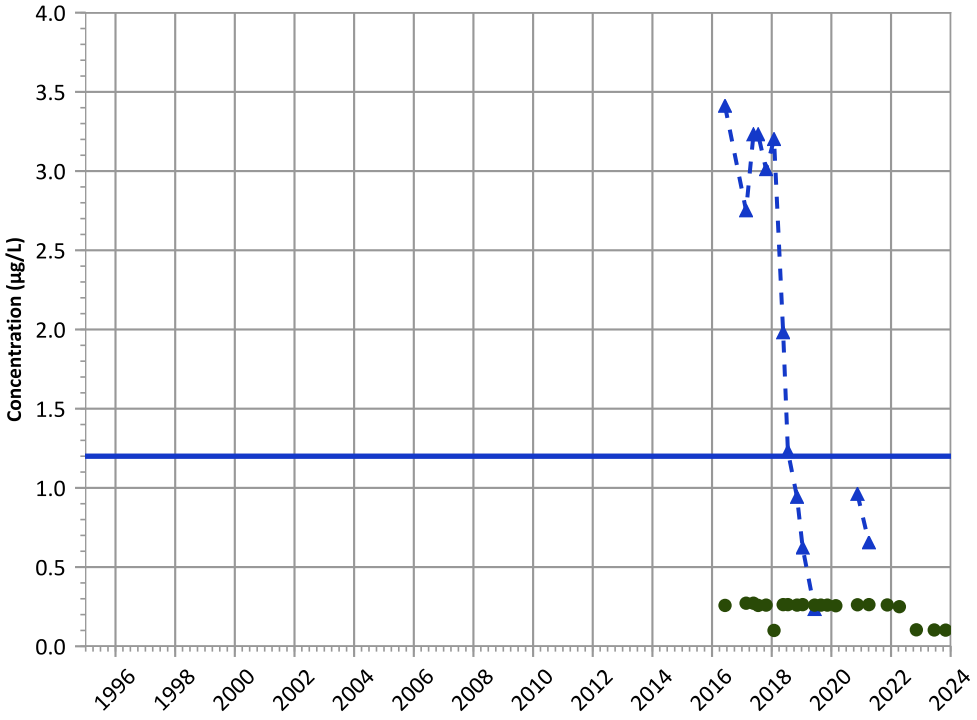
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

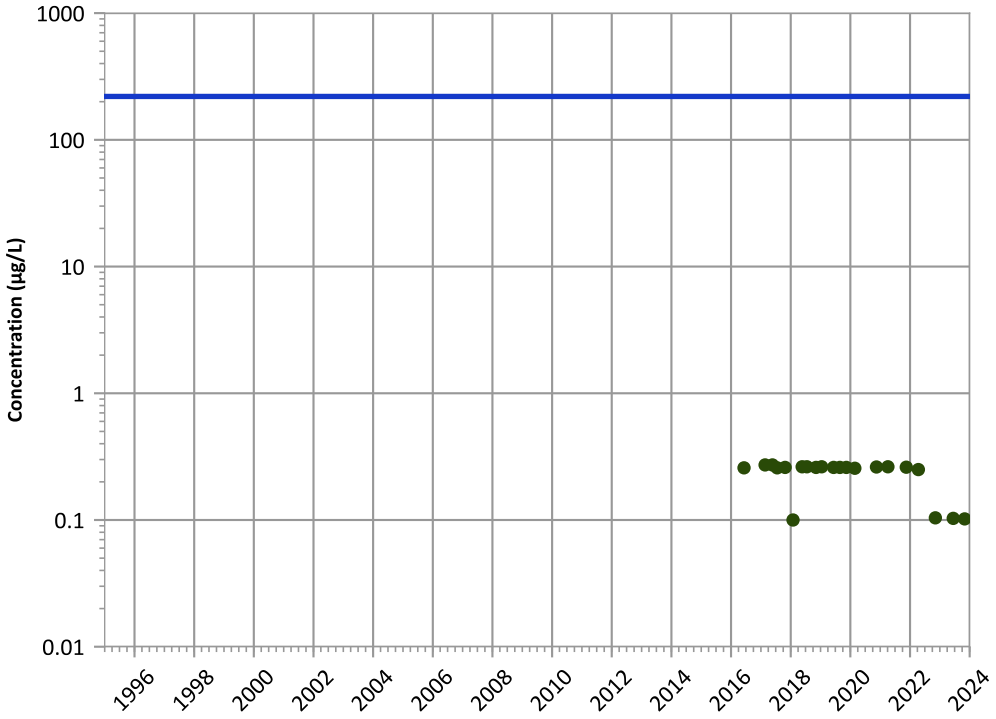


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

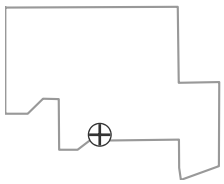
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

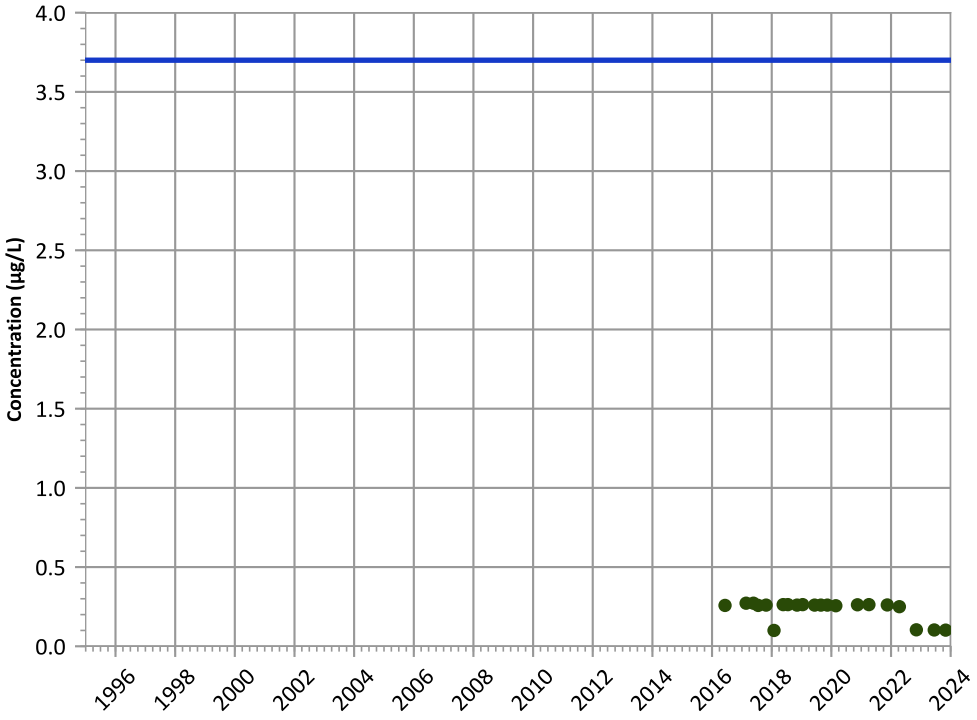
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

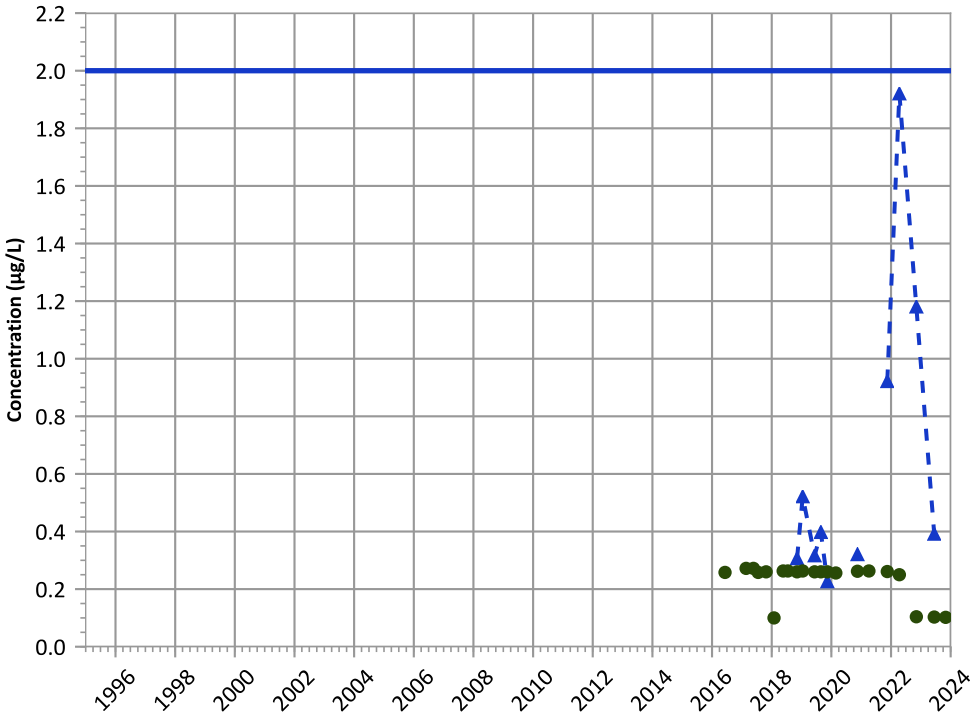


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

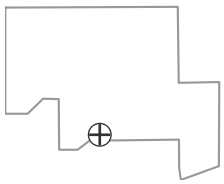
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

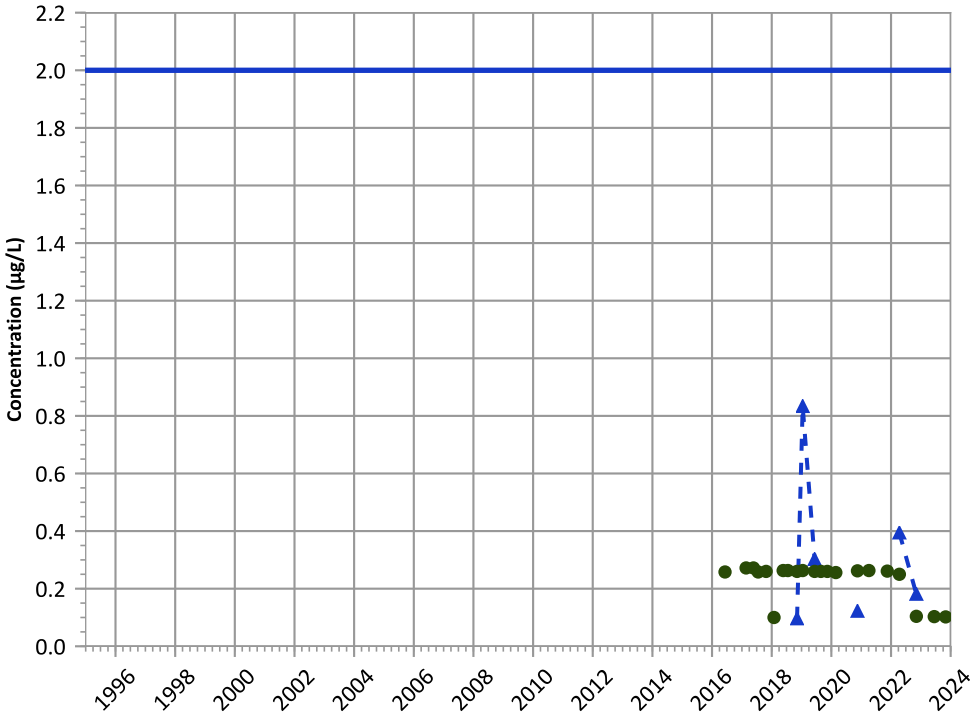
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

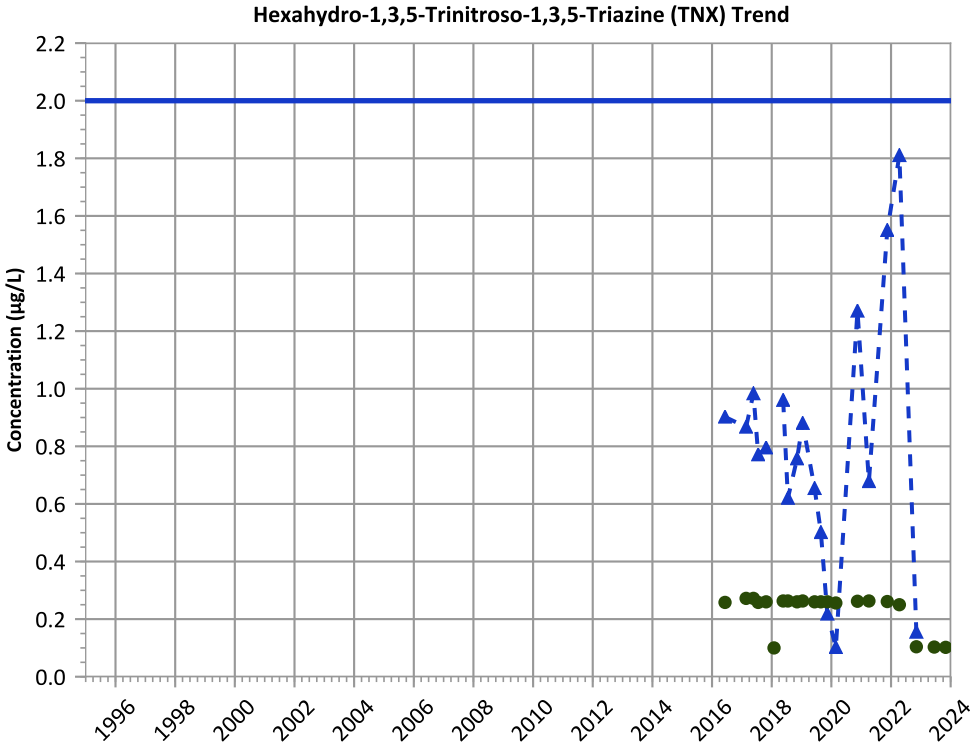


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

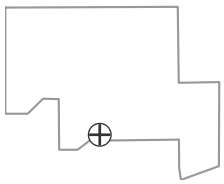
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

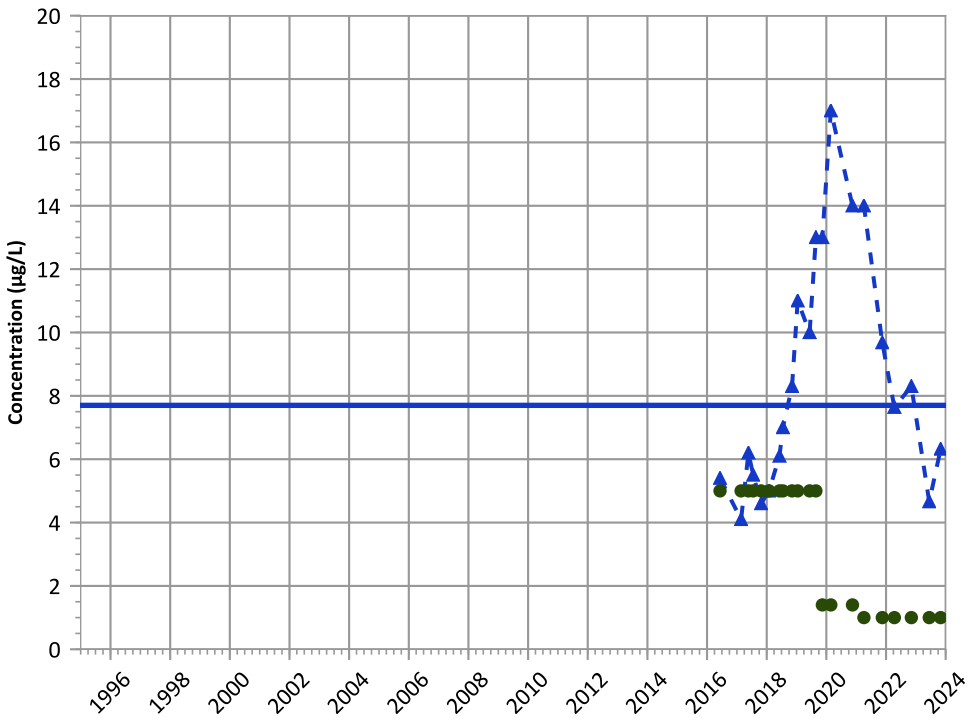
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

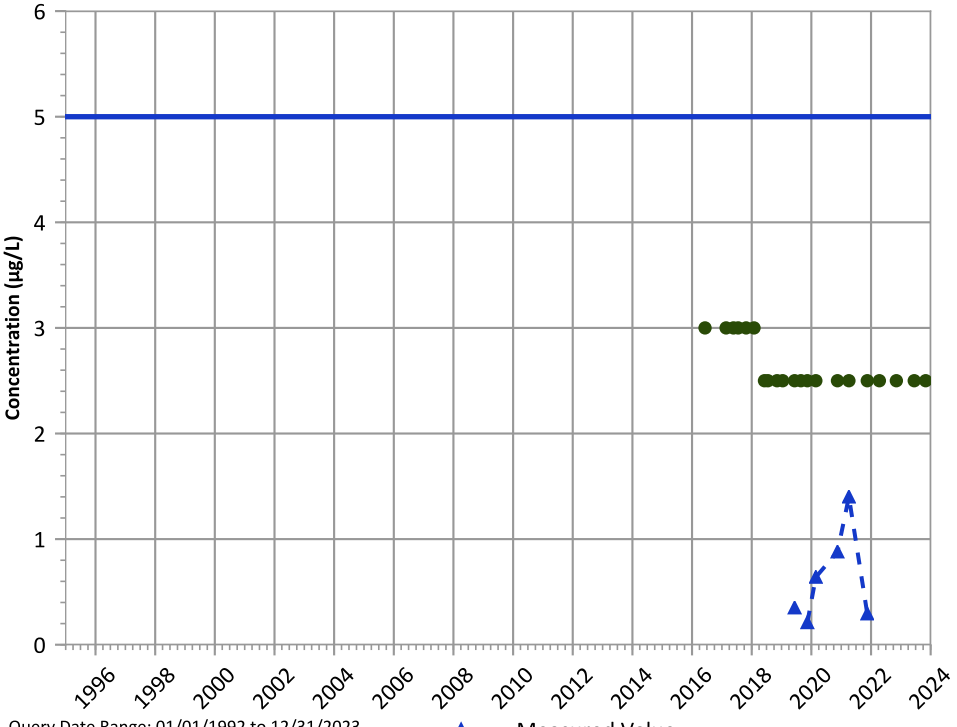


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

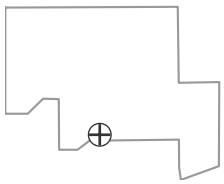
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

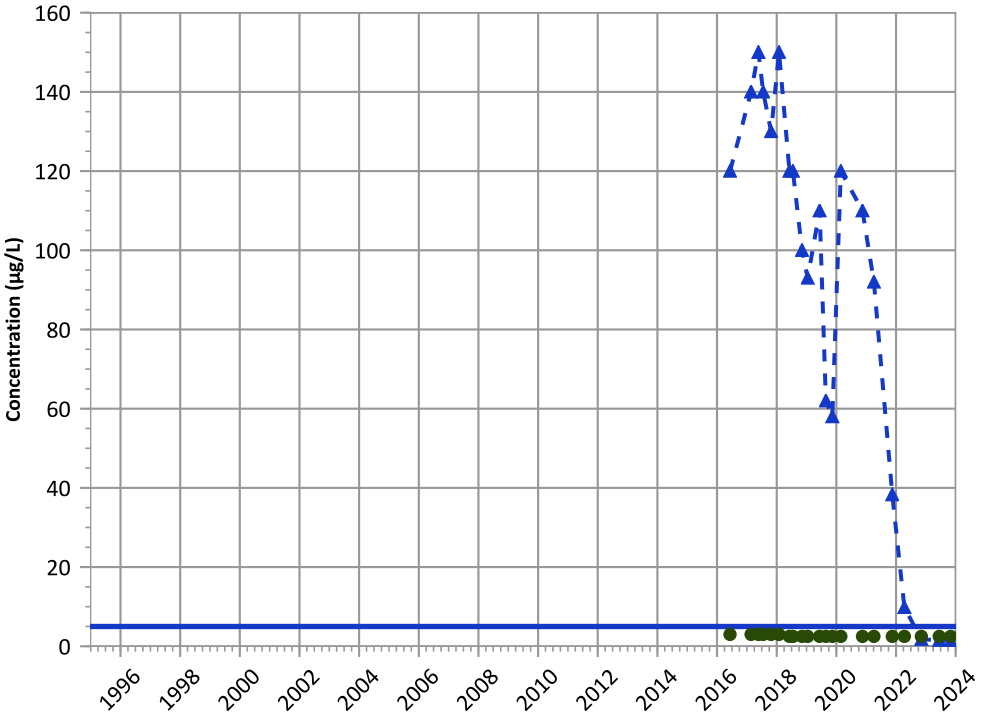
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

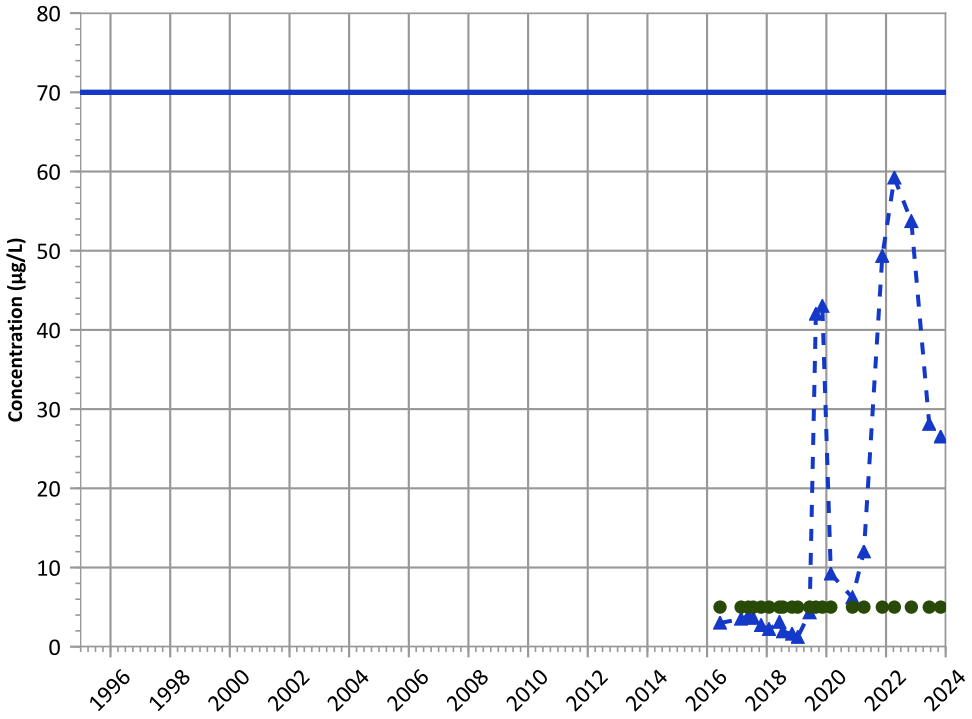


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

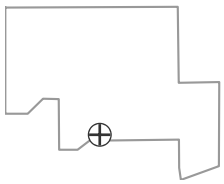
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

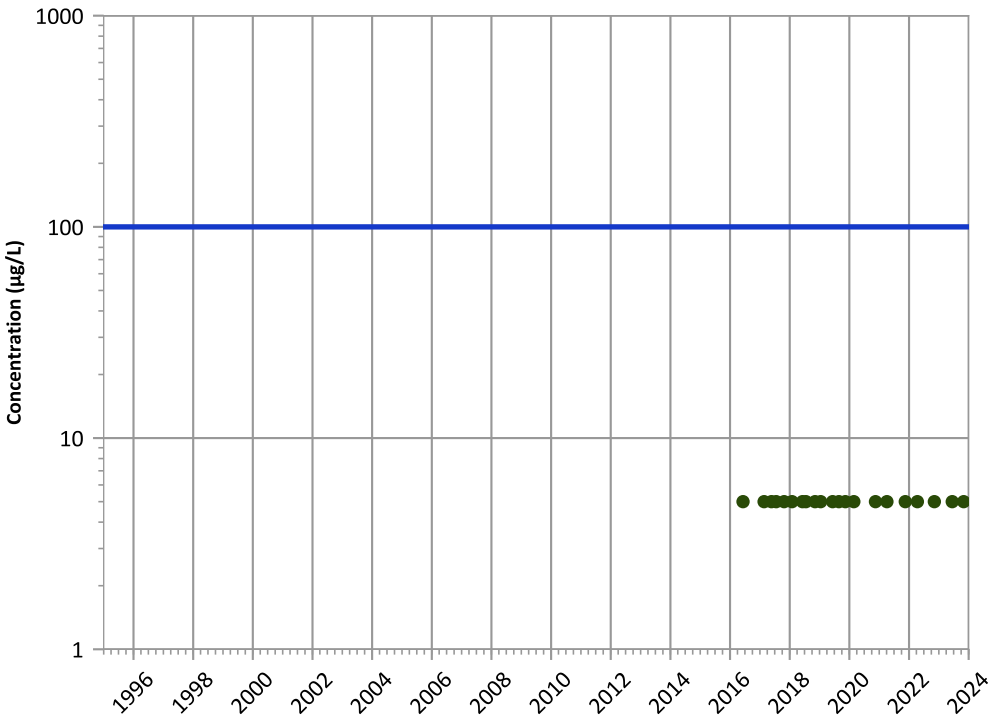
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

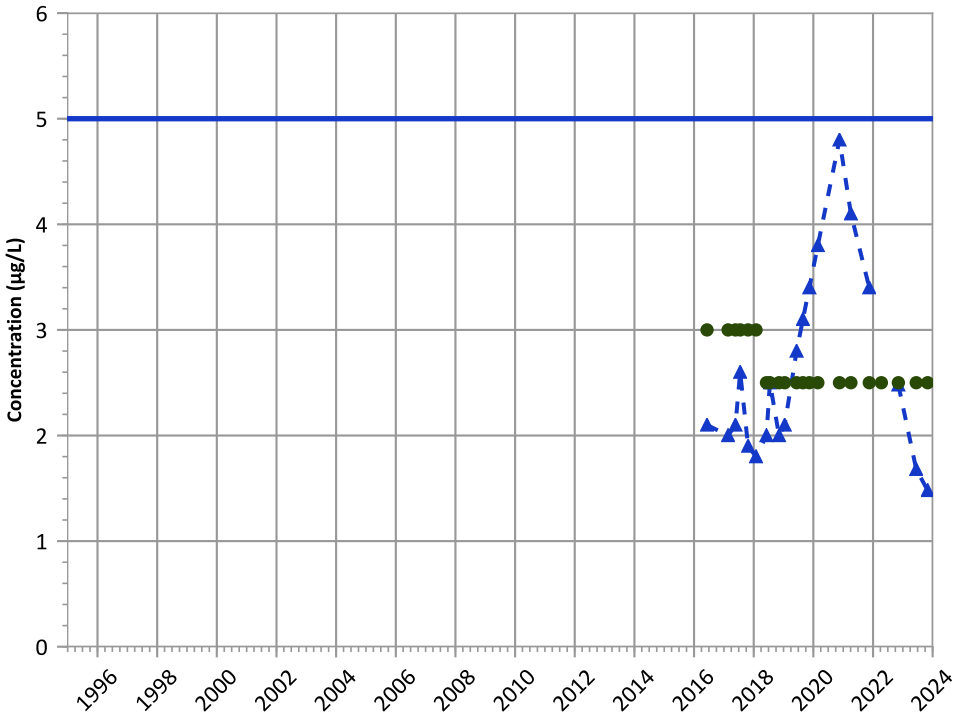


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

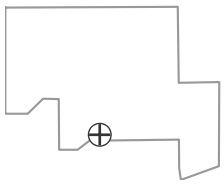
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

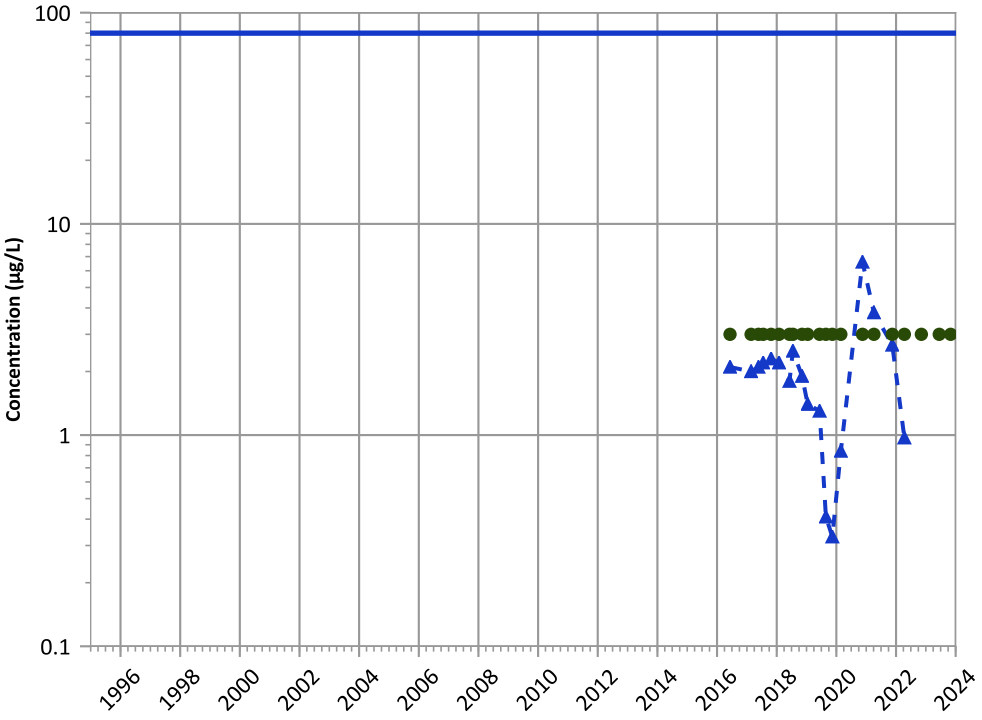
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

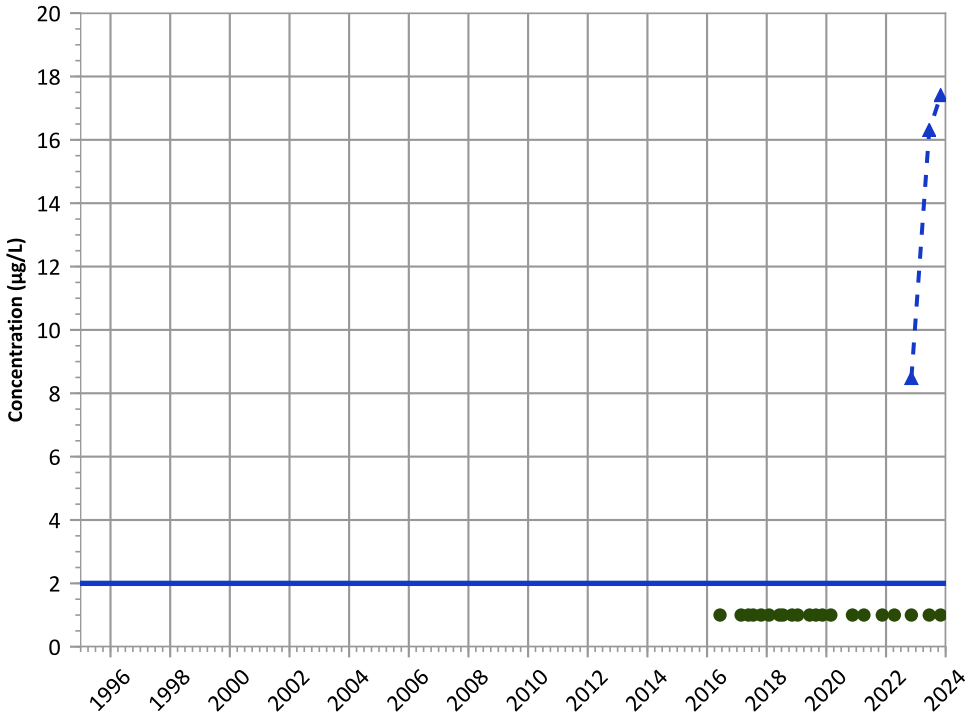


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Probably Decreasing

Vinyl Chloride Trend



Concentration Trend

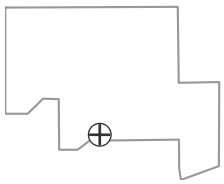
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

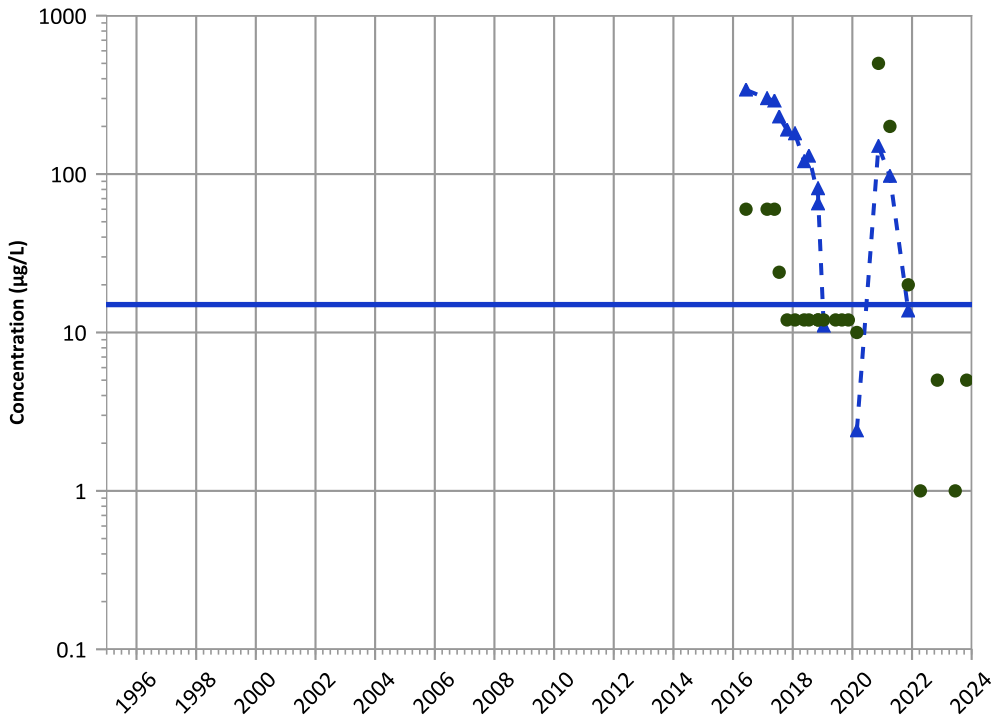
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

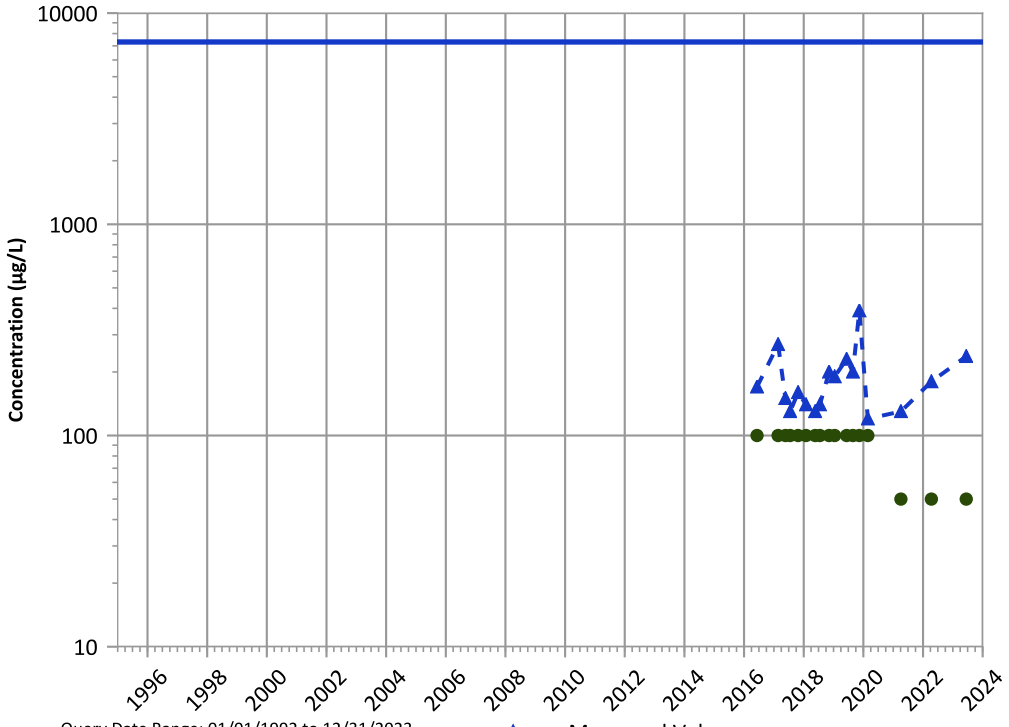


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

Boron Trend



Concentration Trend

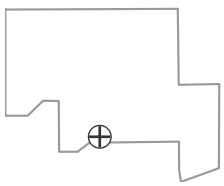
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

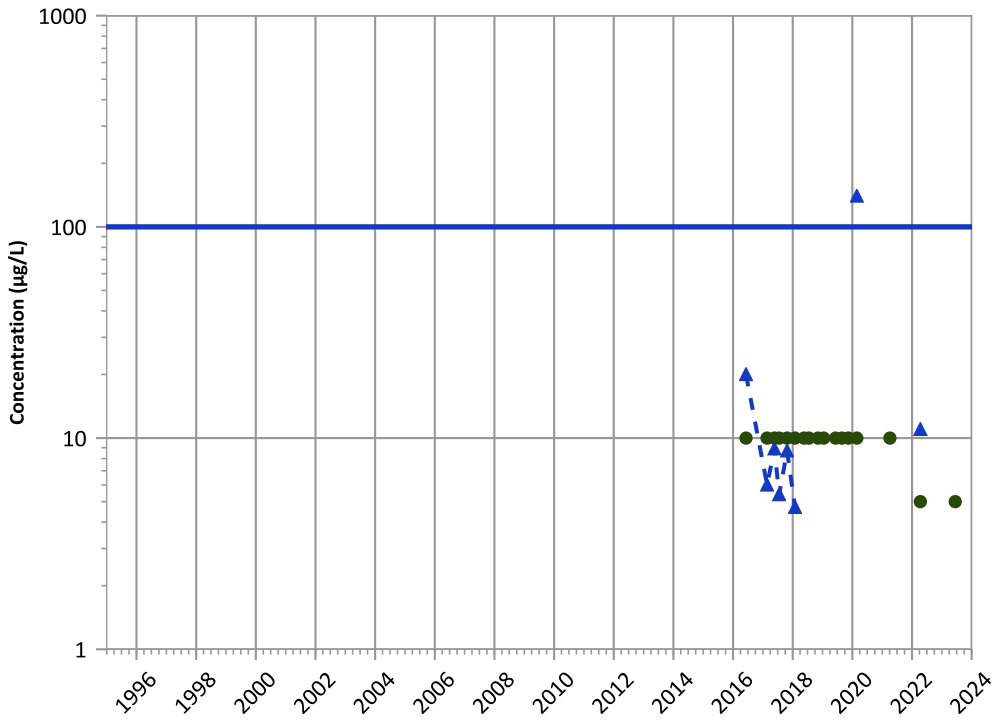
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

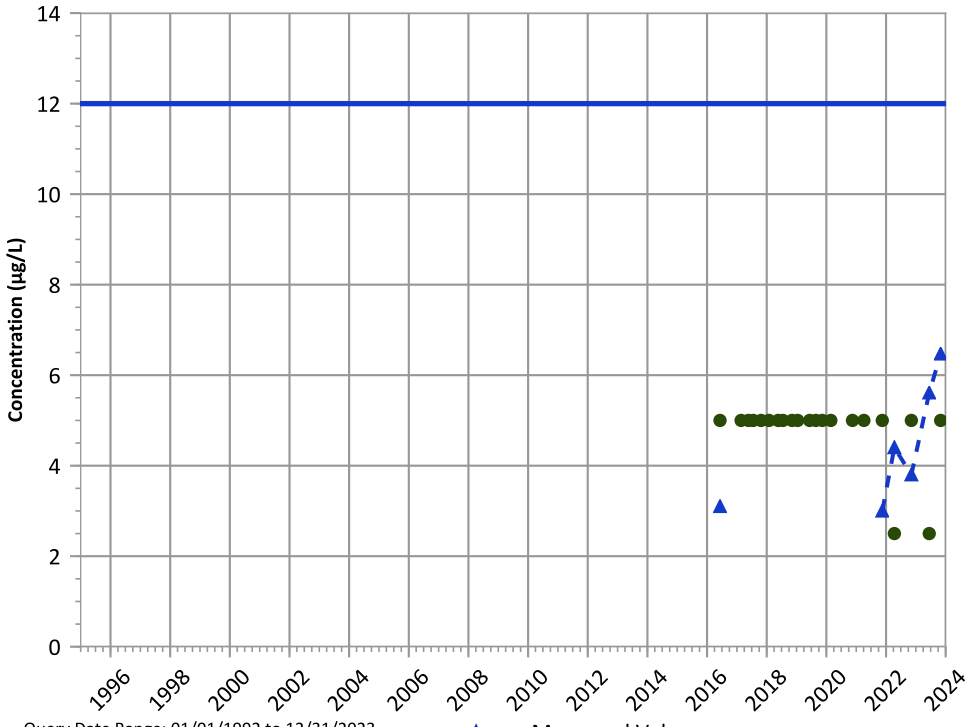


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

Arsenic Trend



Concentration Trend

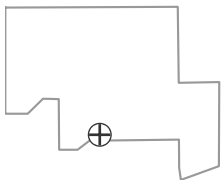
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

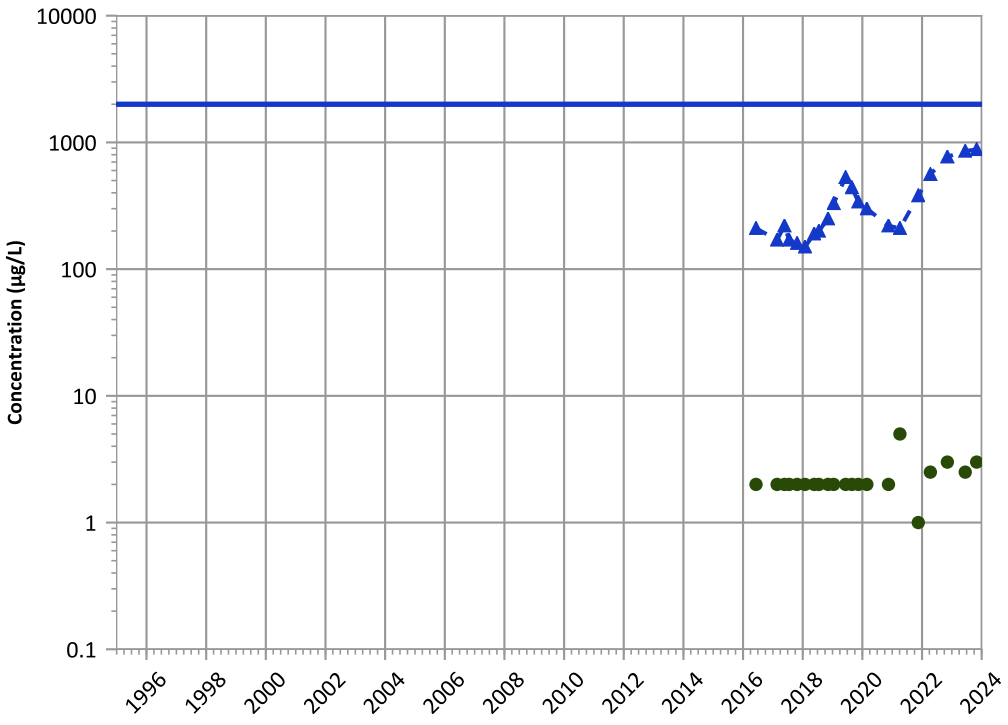
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

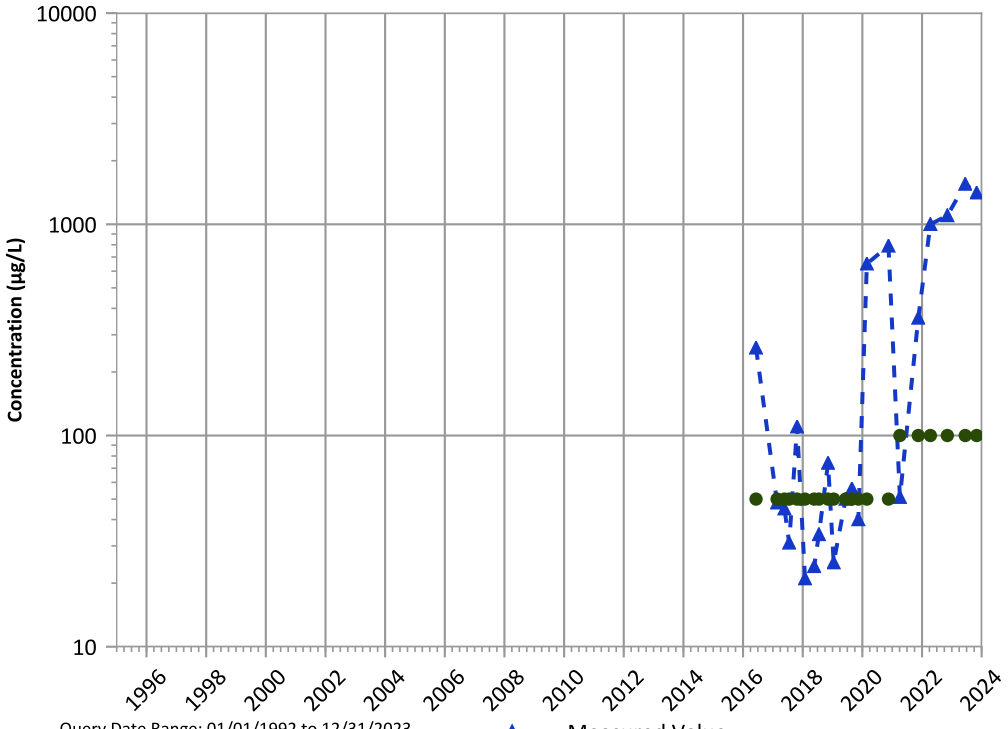


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Iron Trend



Concentration Trend

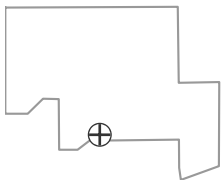
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

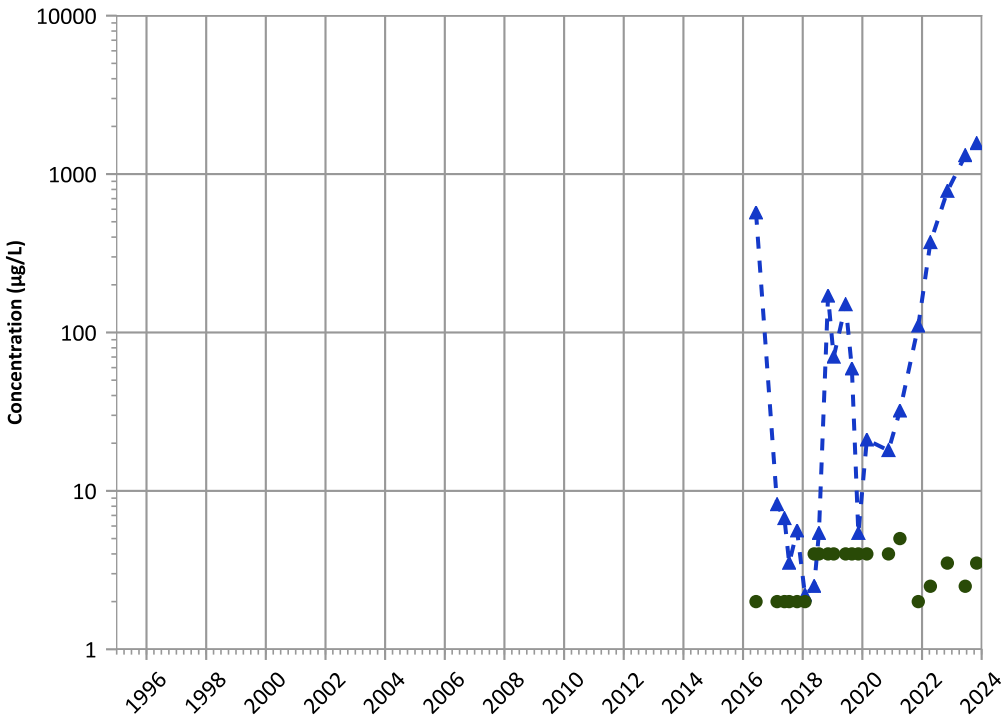
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

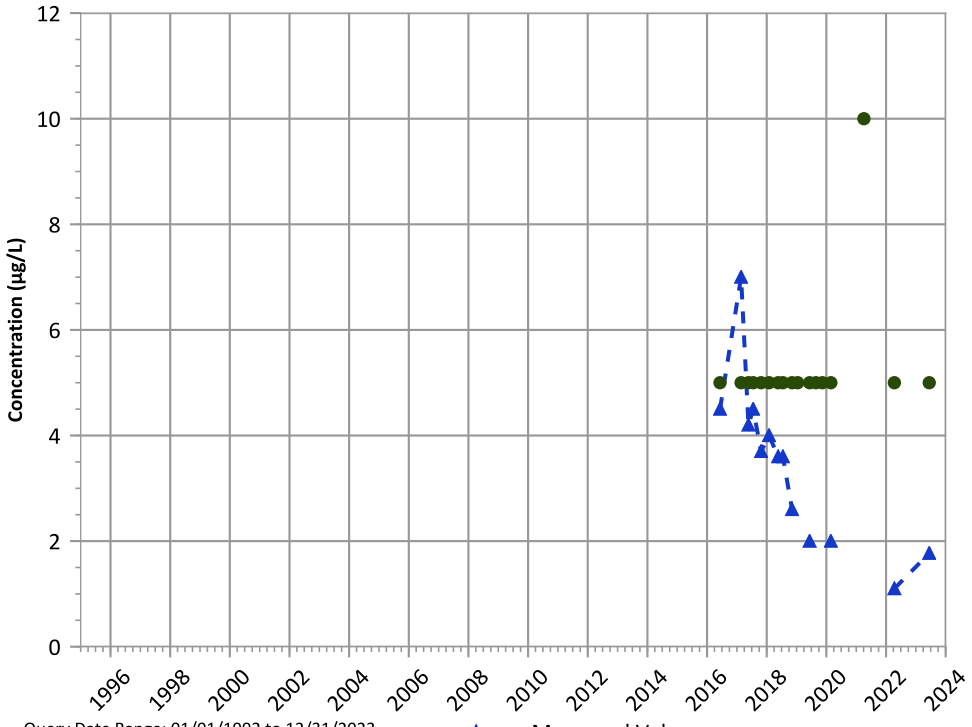


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Molybdenum Trend



Concentration Trend

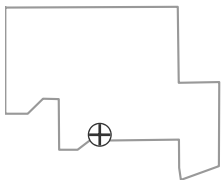
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

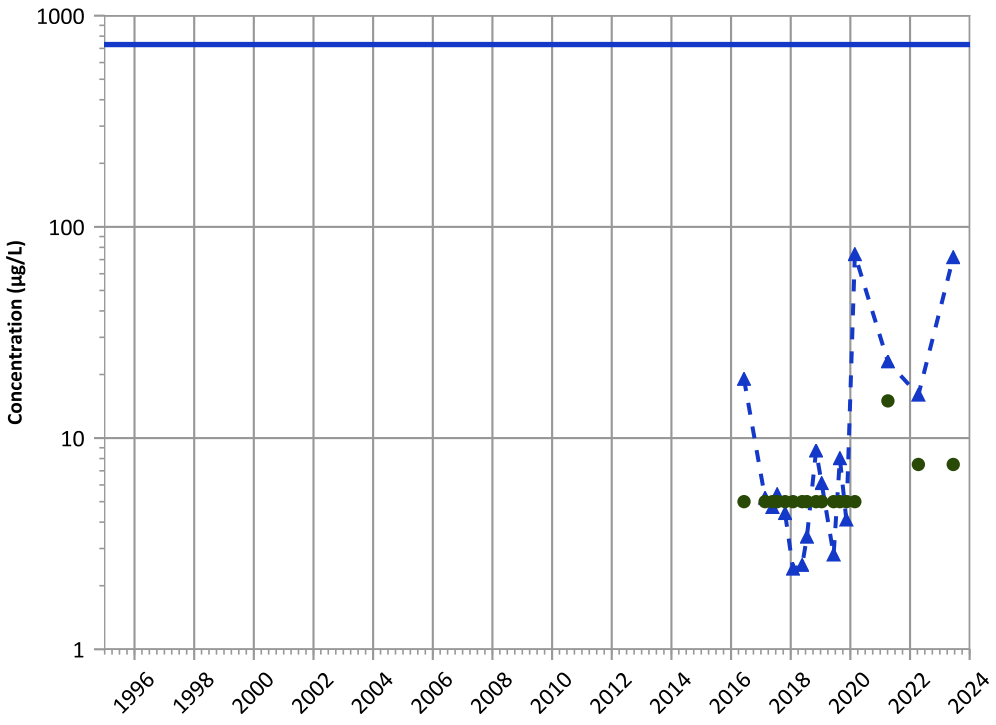
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

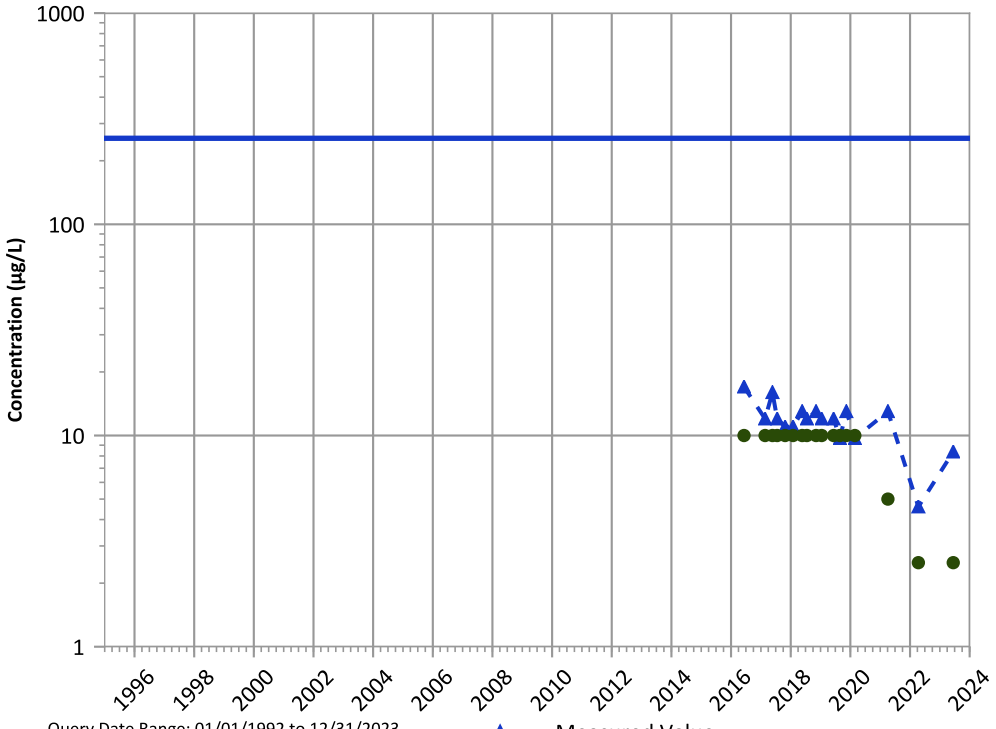


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Vanadium Trend



Concentration Trend

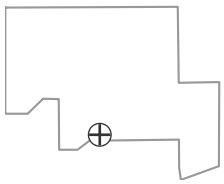
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

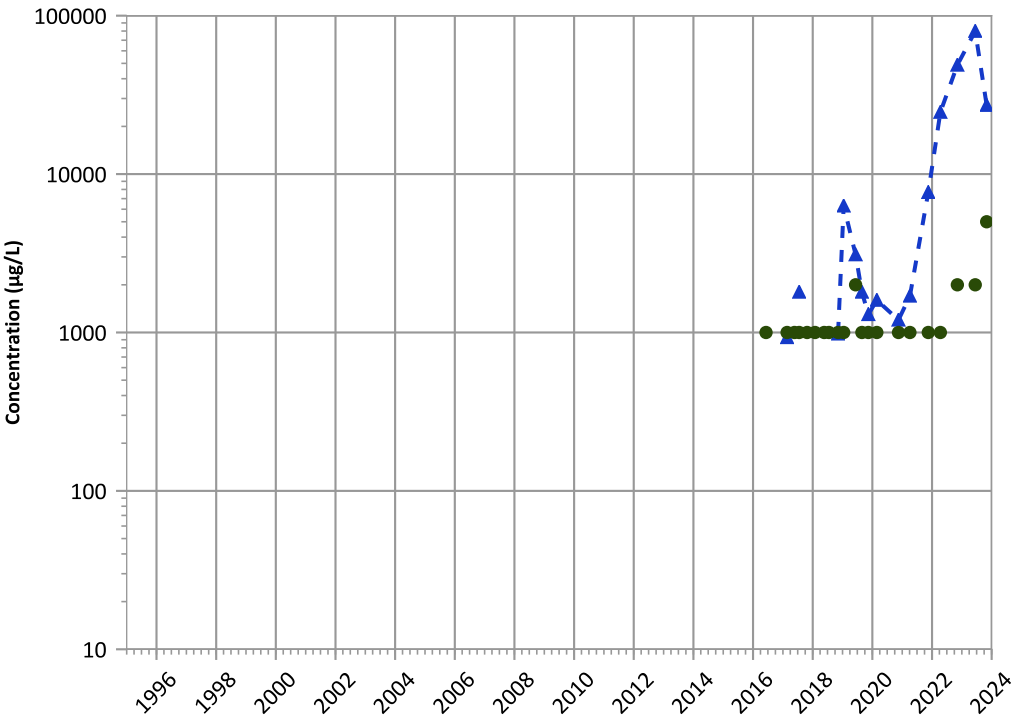
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

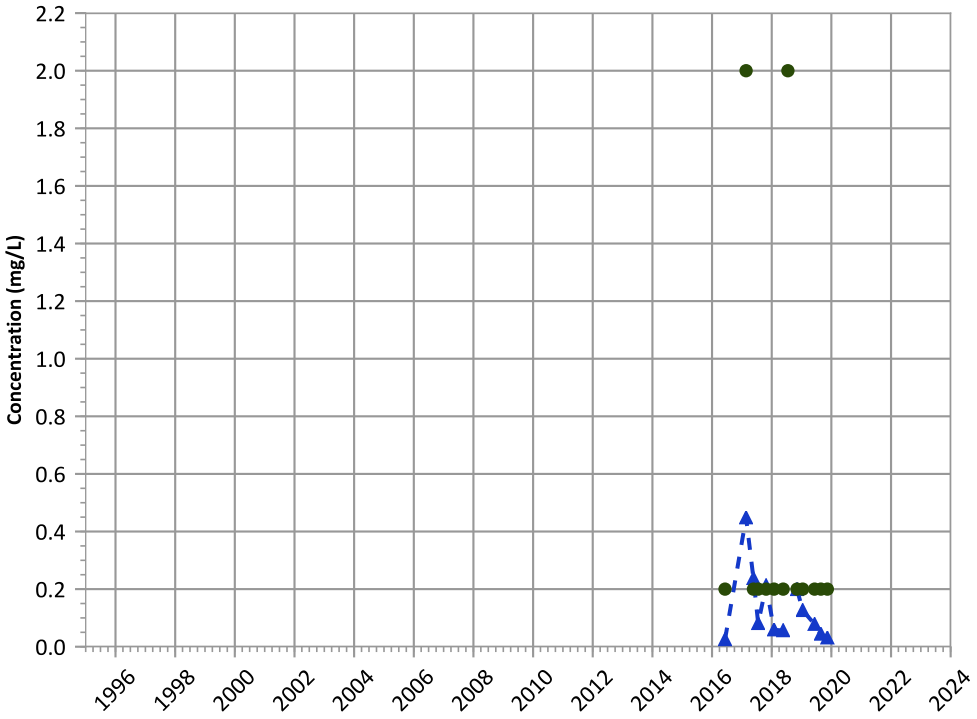


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

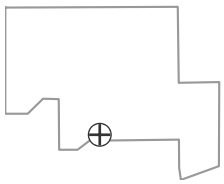
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

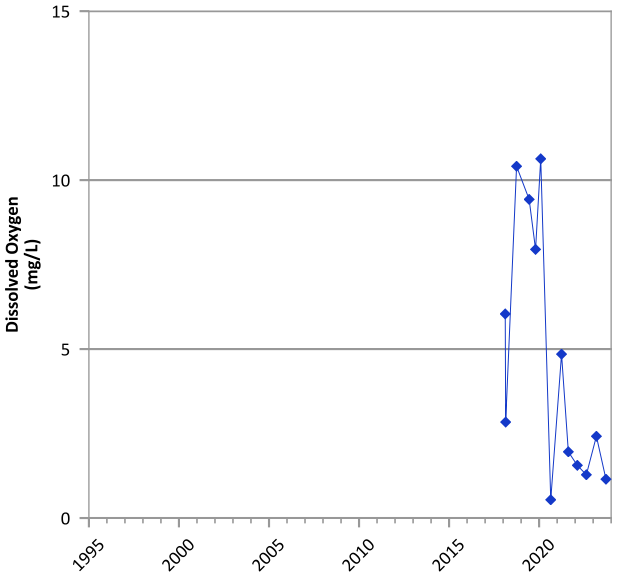
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/08/2016 to 11/01/2023
Analysis Date: 04/01/2024

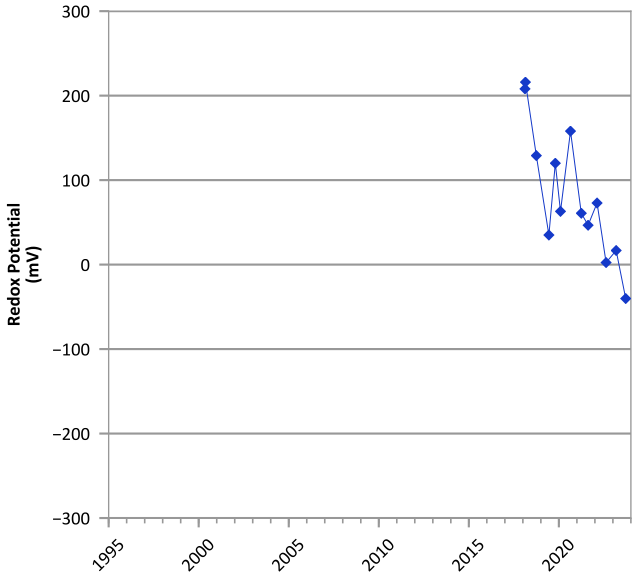
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

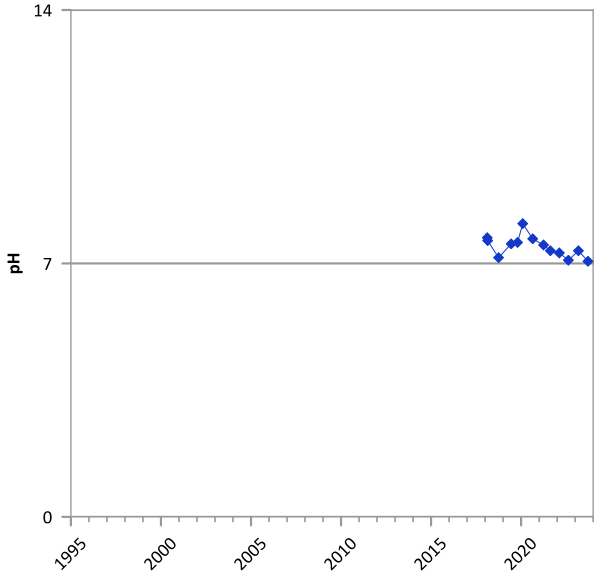
Well Location

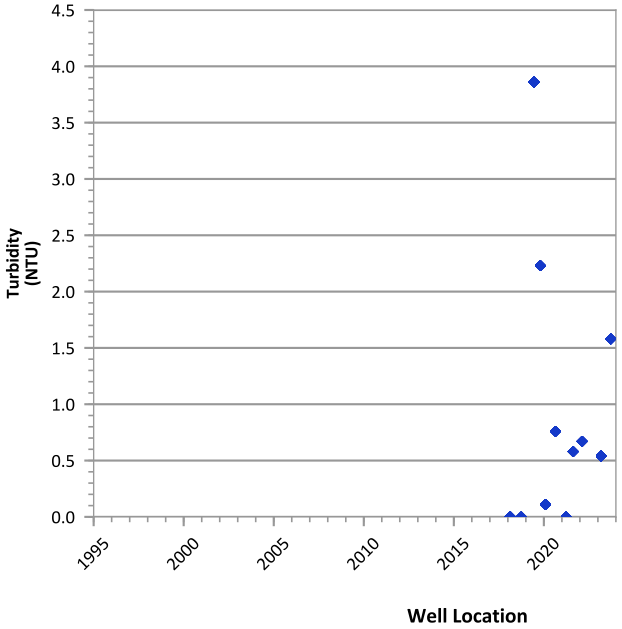


PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

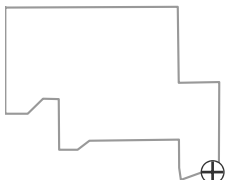






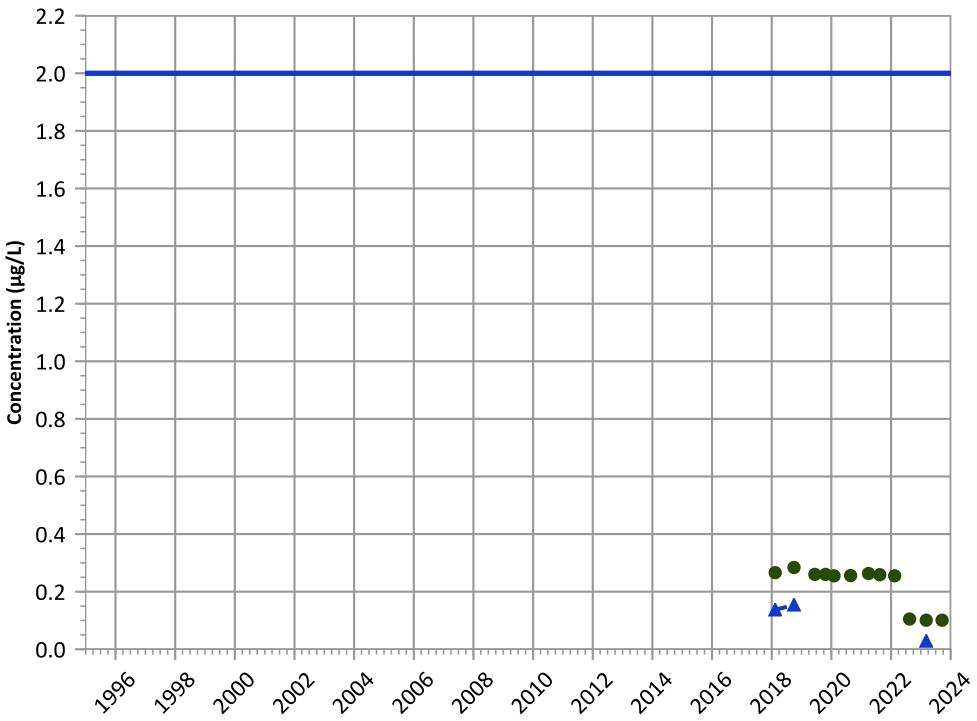


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

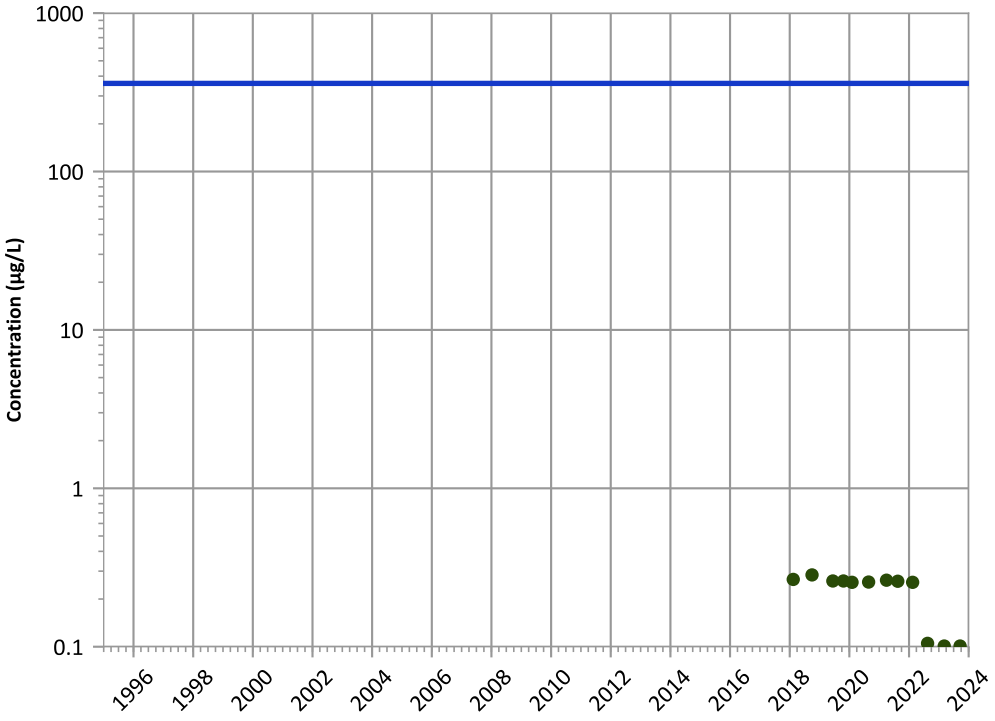


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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



Concentration Trend

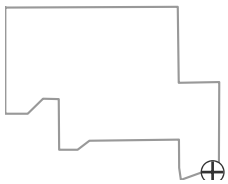
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

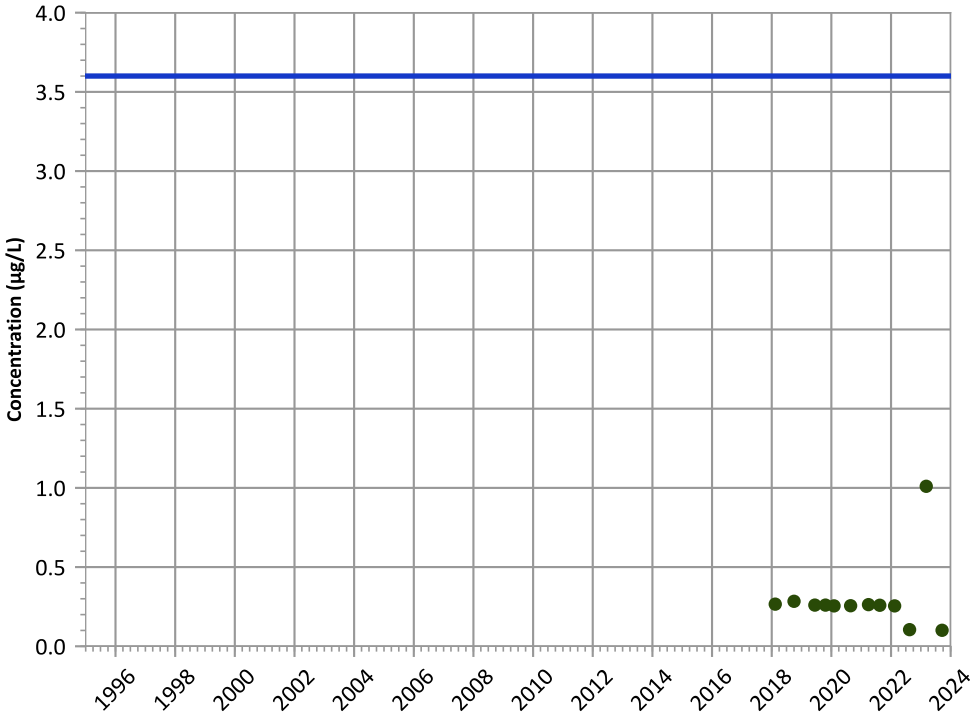
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

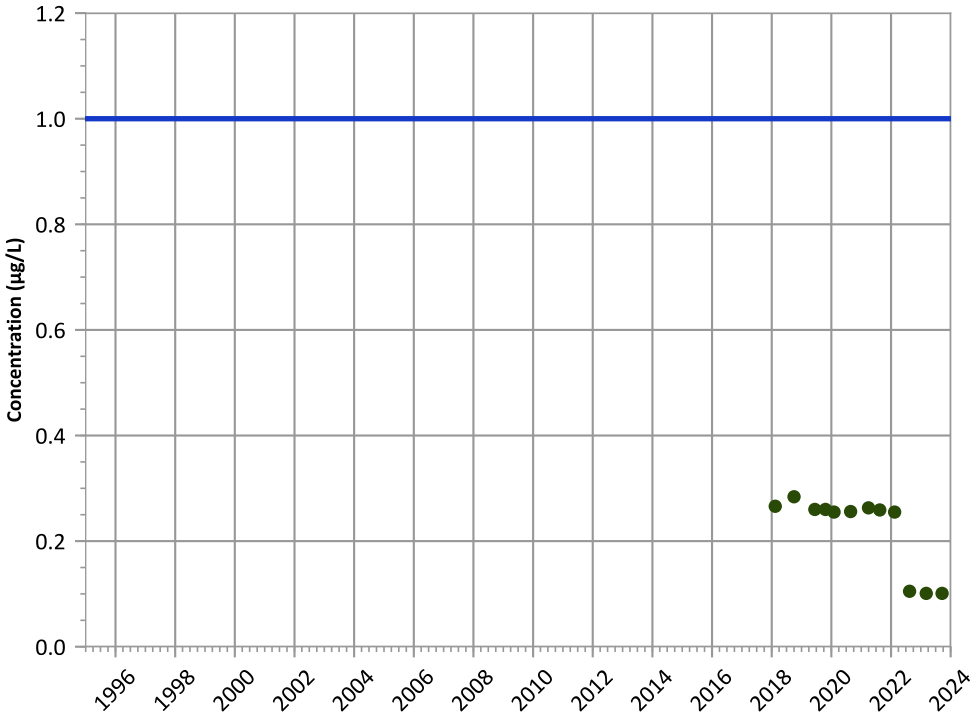


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

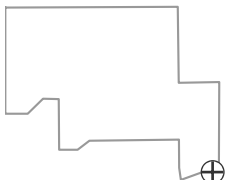
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

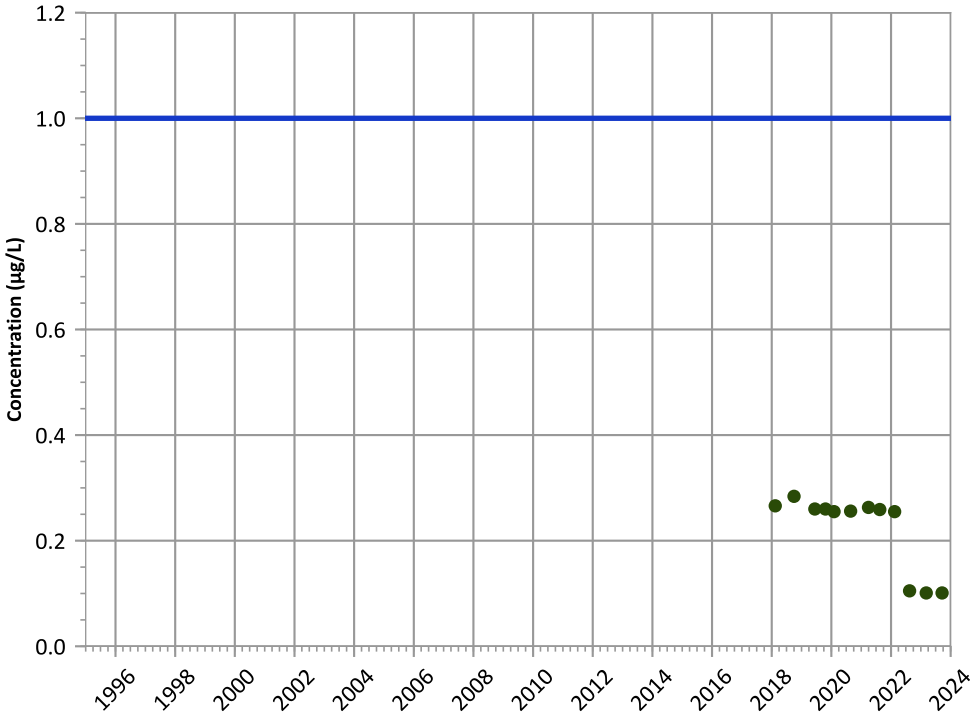
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

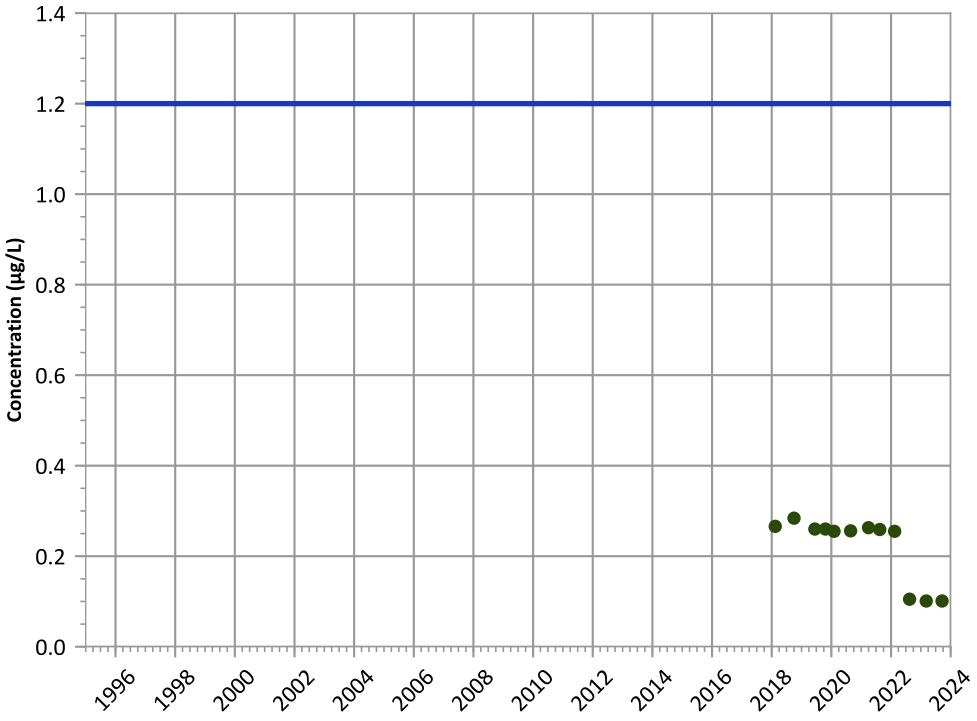


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

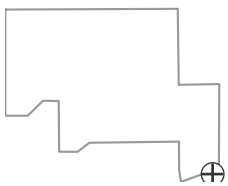
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

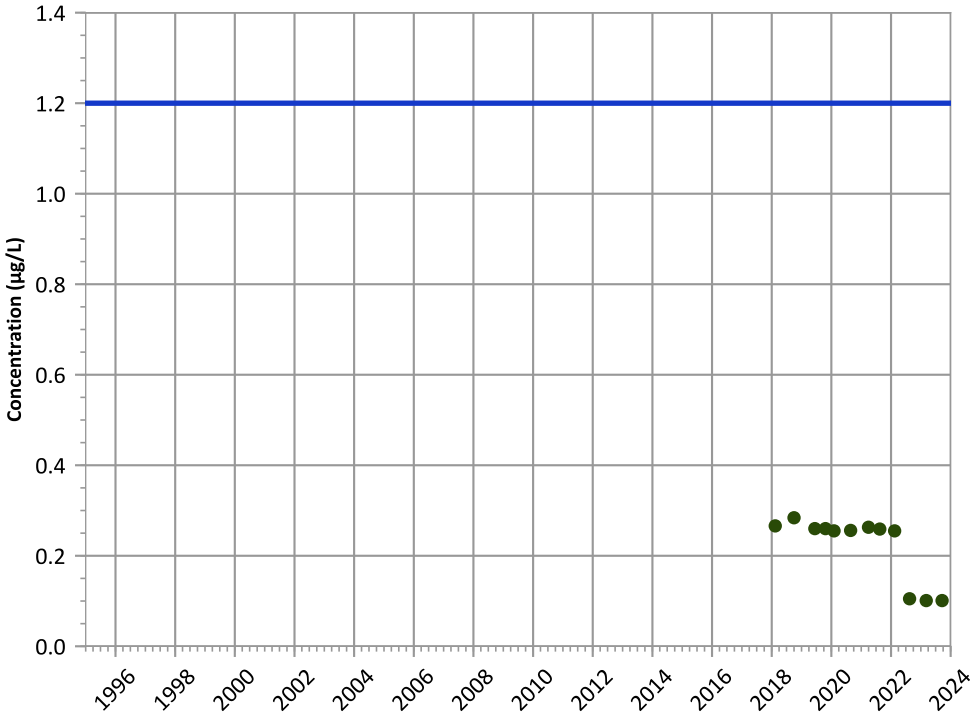
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

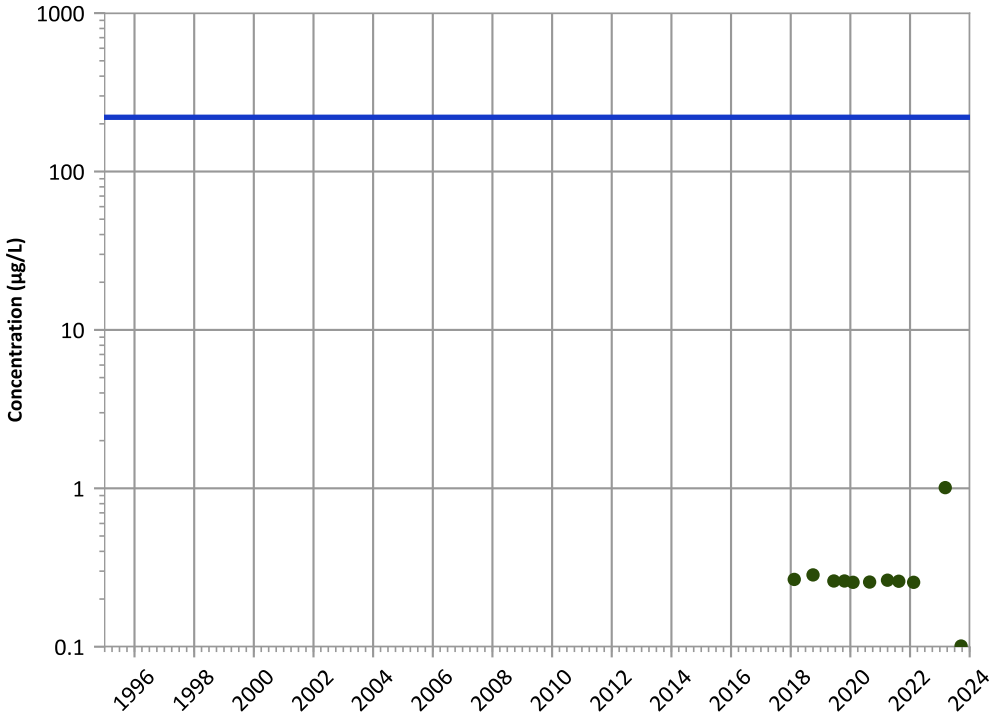


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

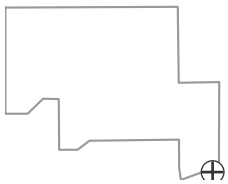
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

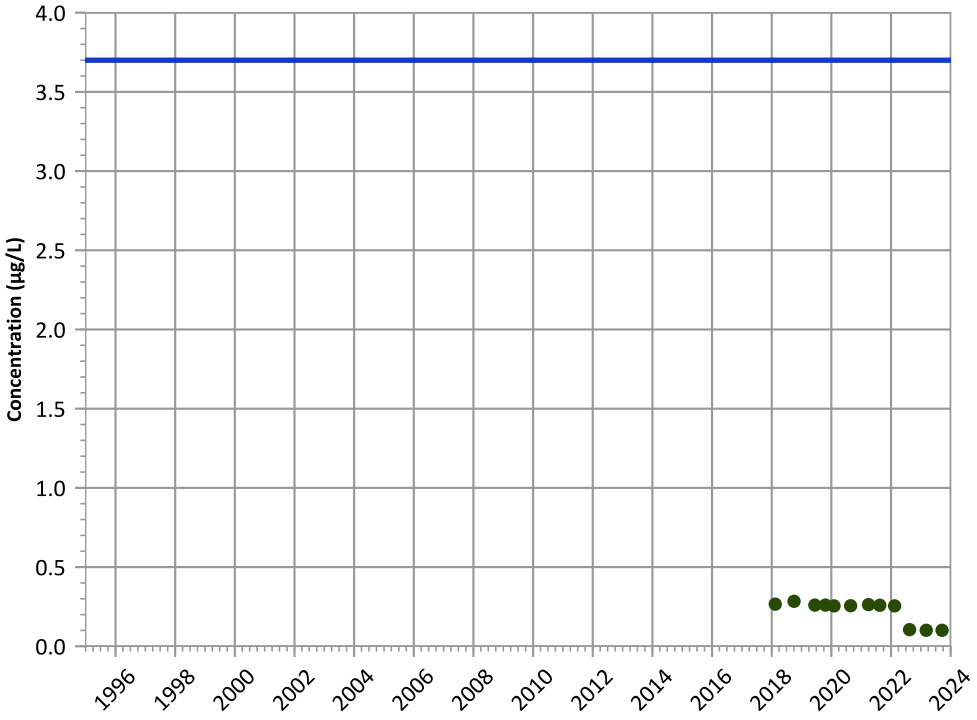
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

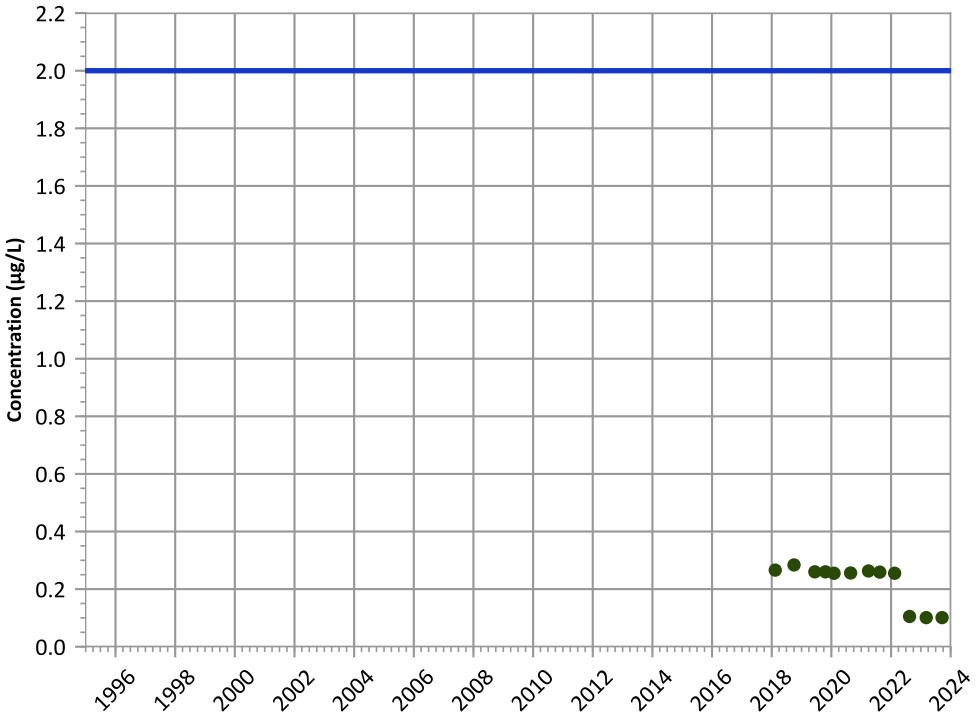


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

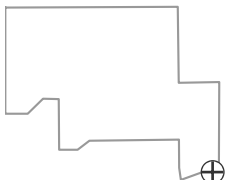
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

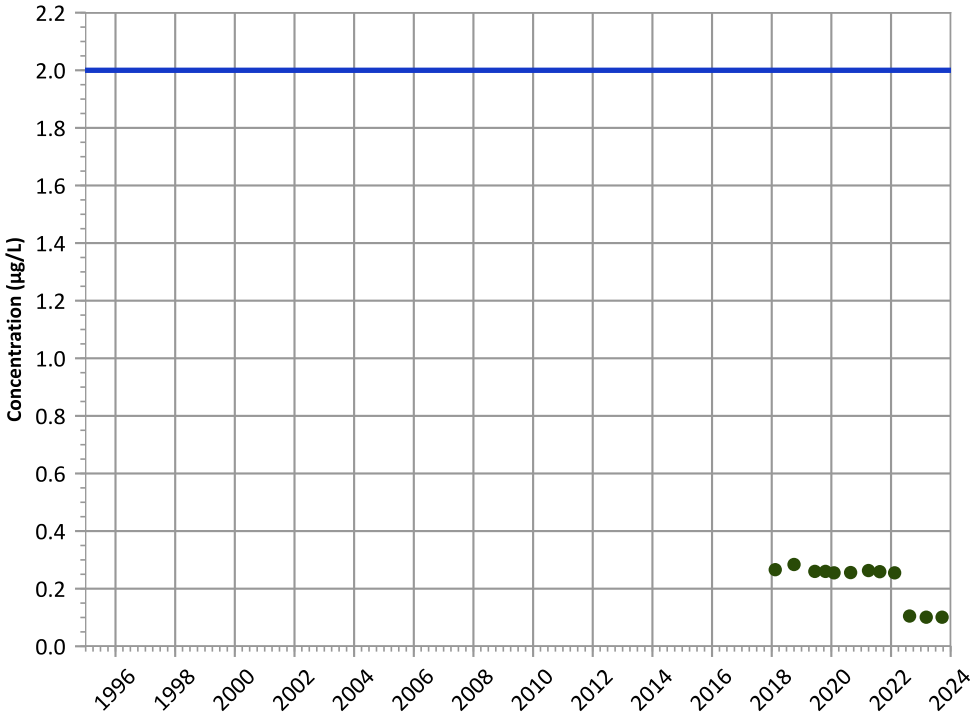
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

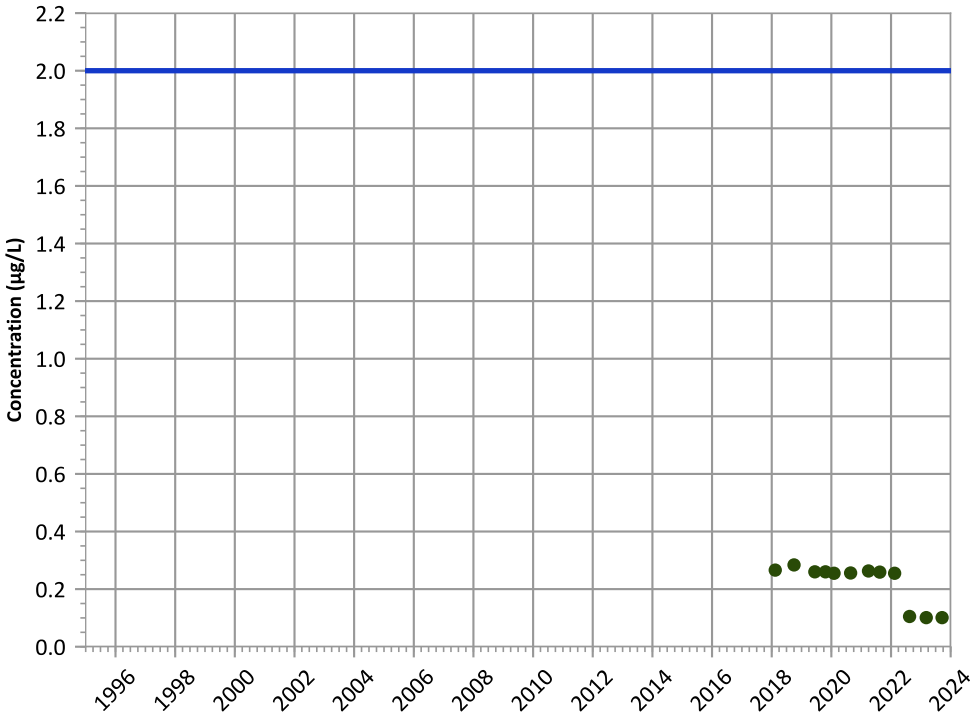


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

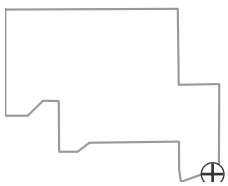
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

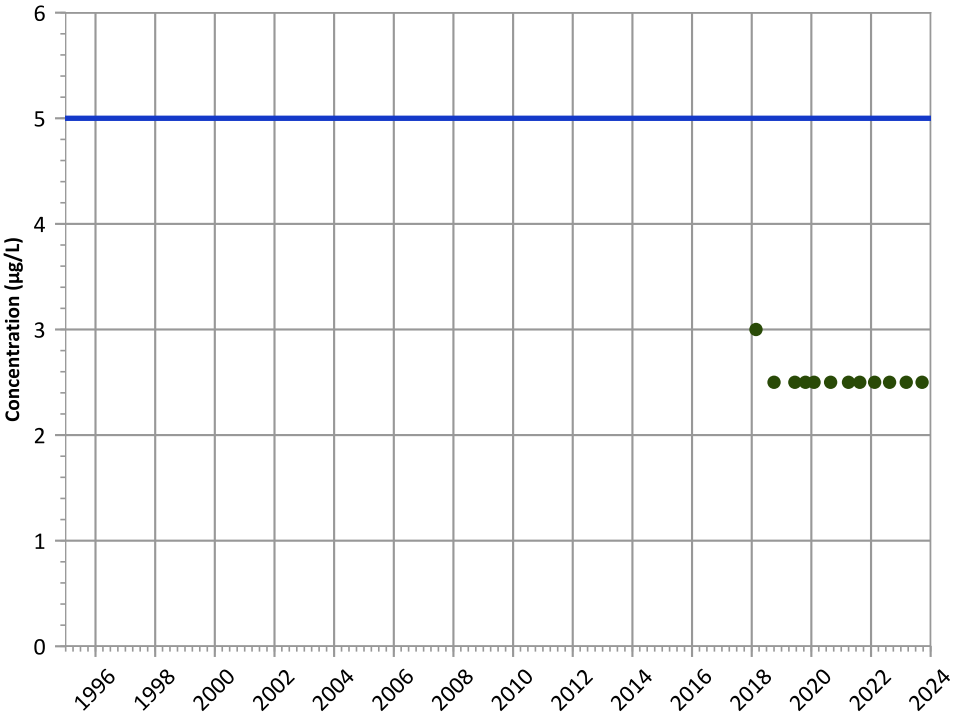
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

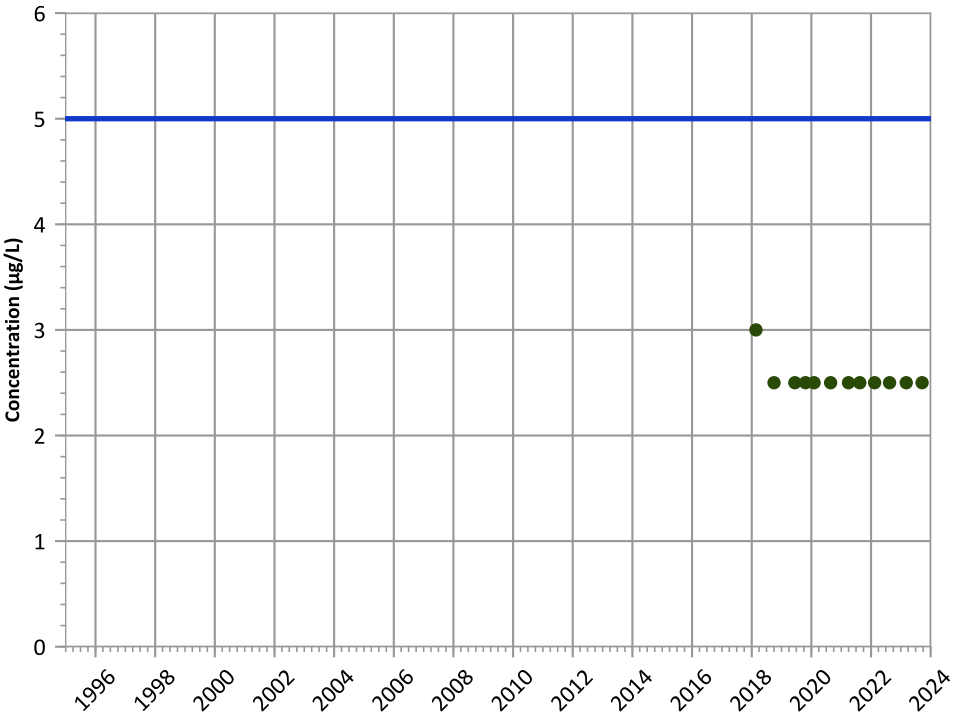


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

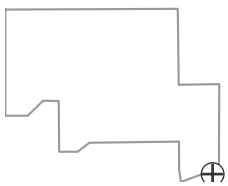
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

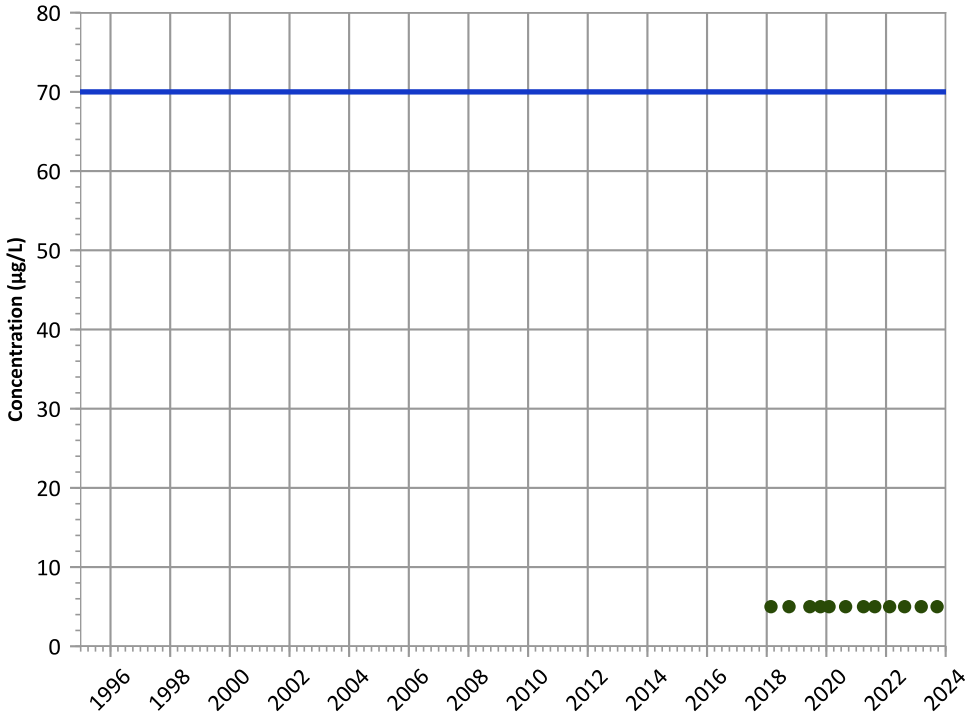
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

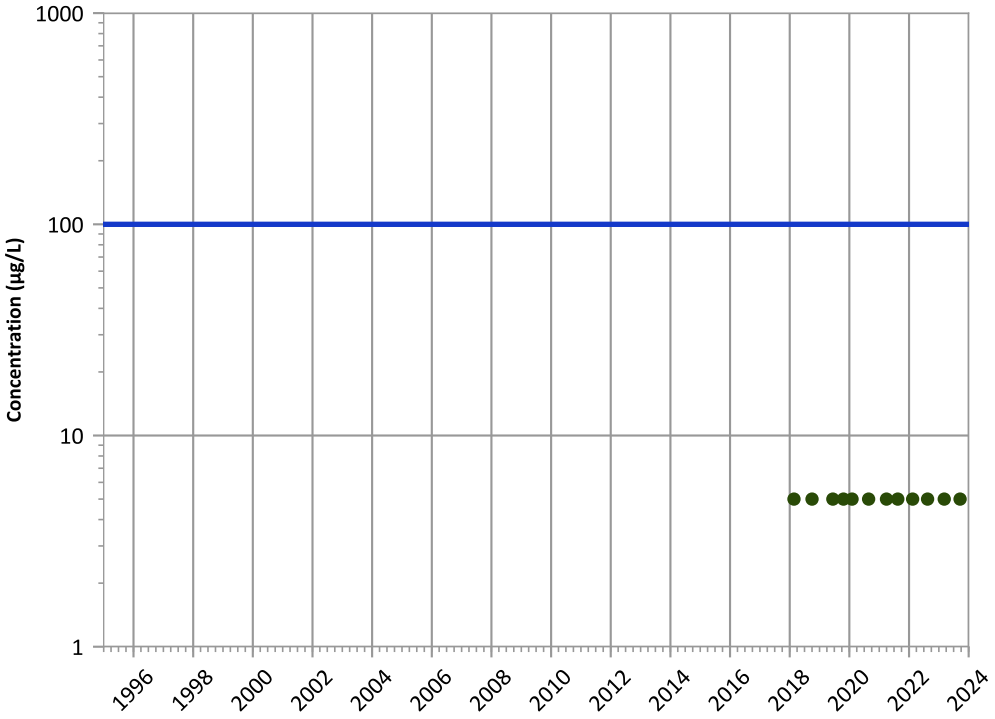


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

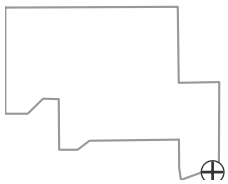
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

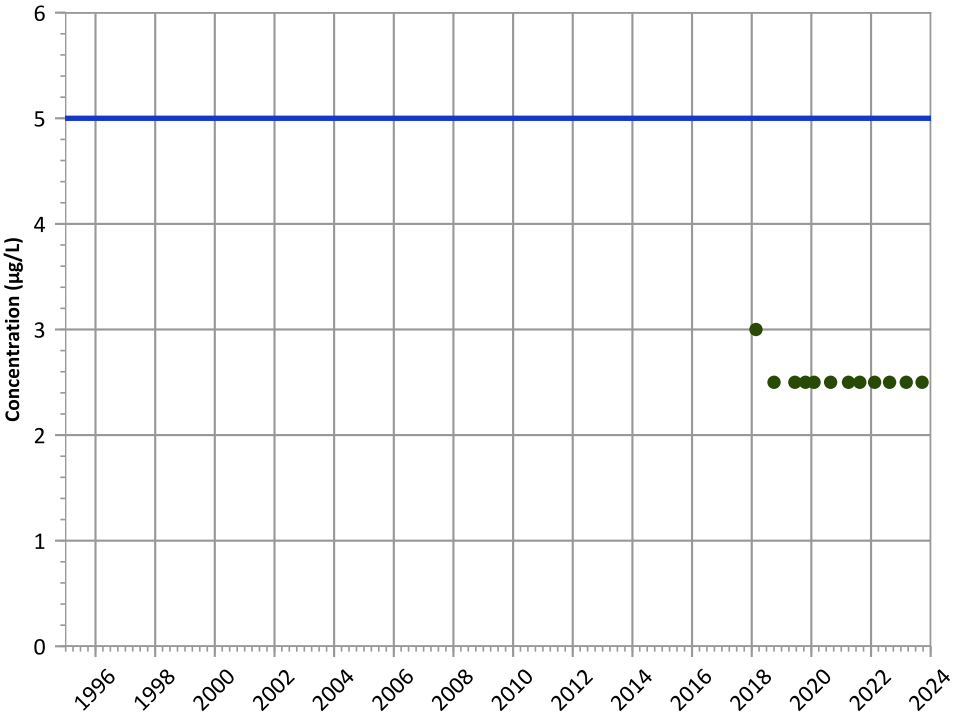
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

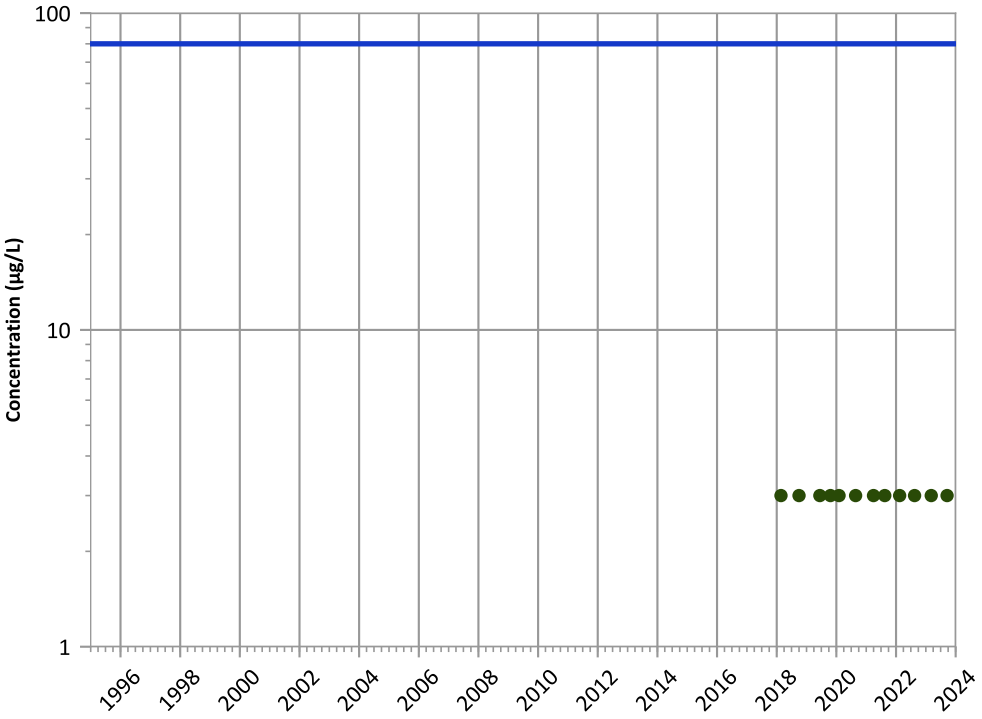
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



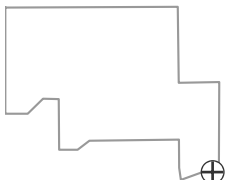
Concentration Trend
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

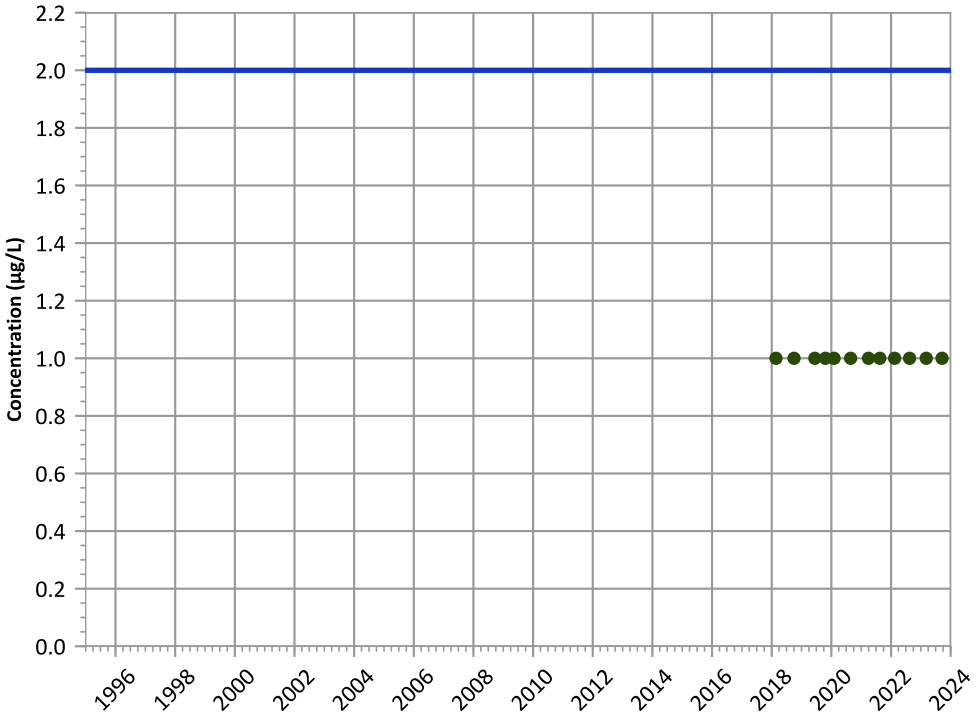
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

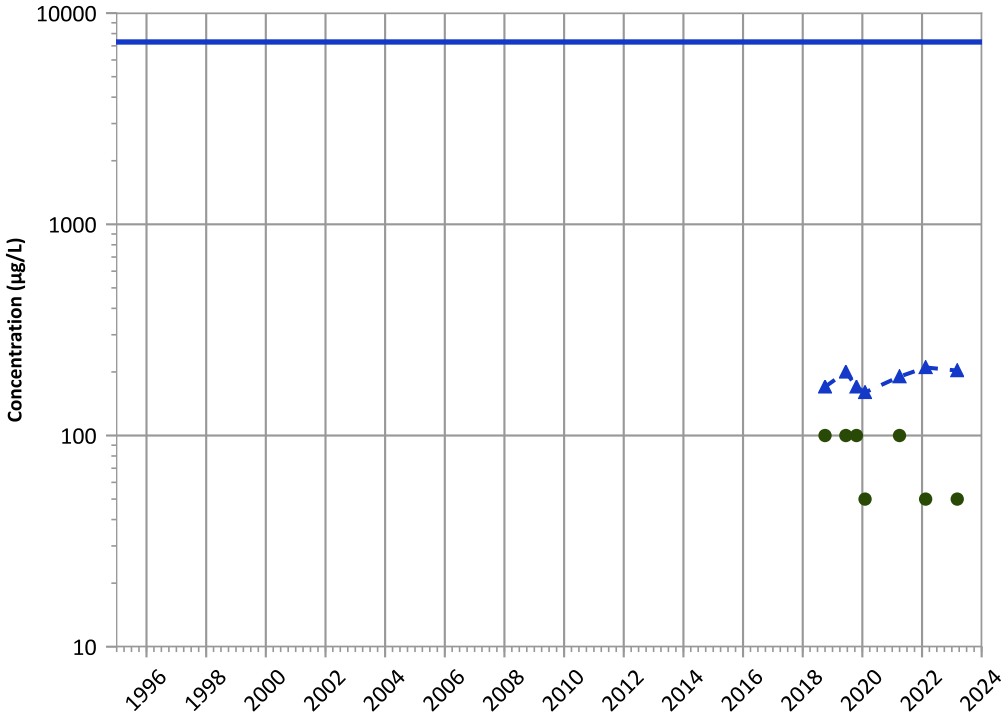


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

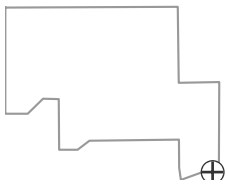
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

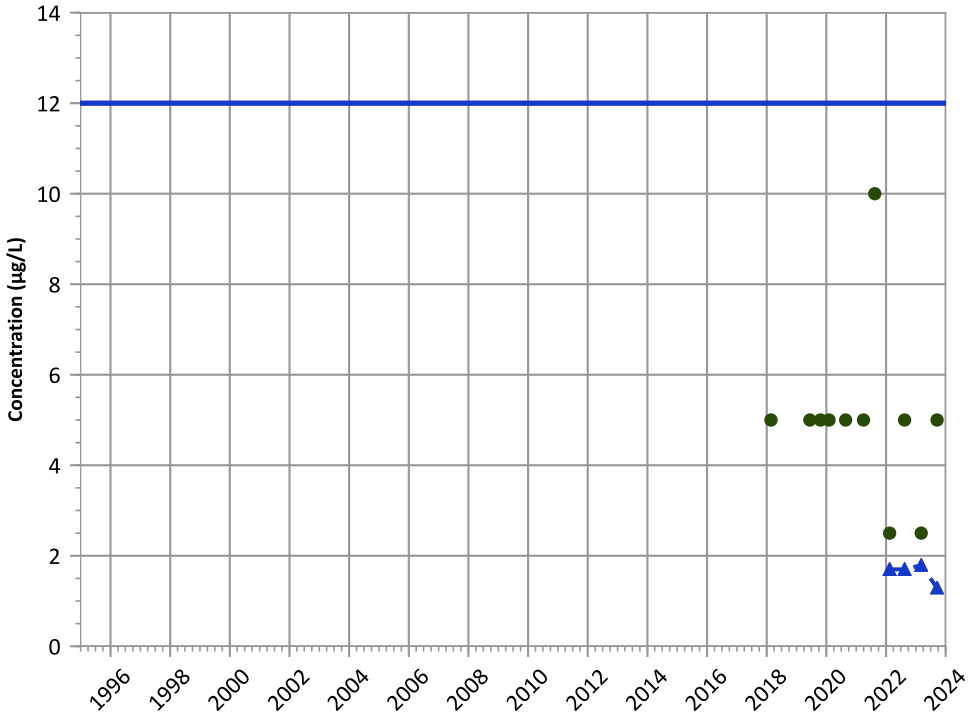
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

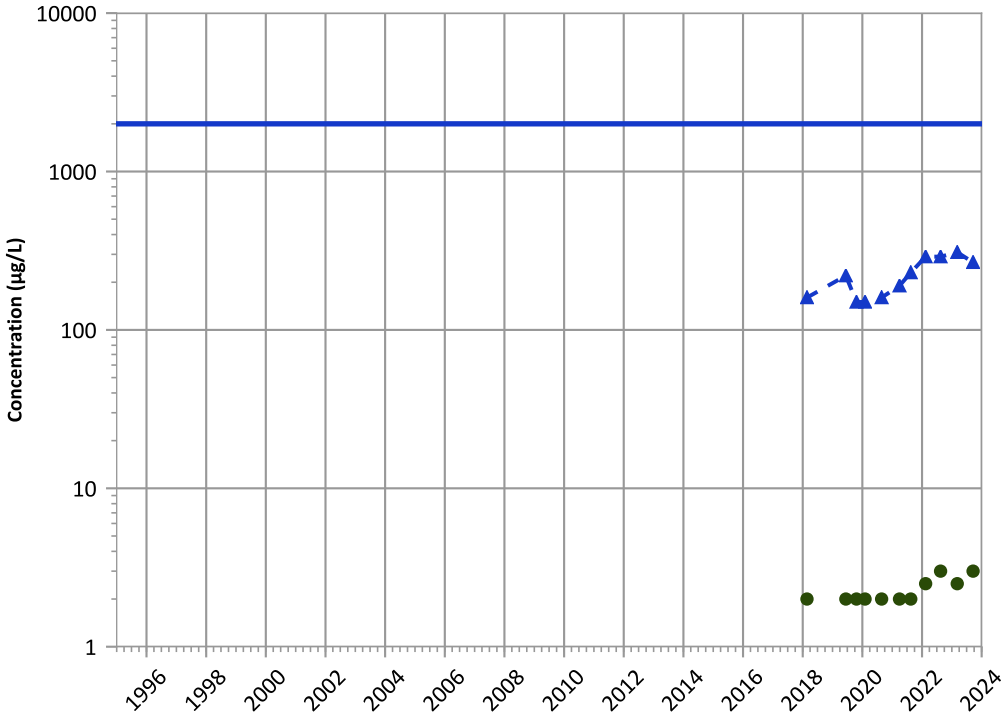


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

Barium Trend



Concentration Trend

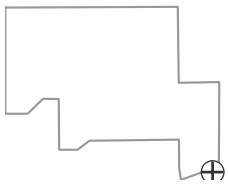
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

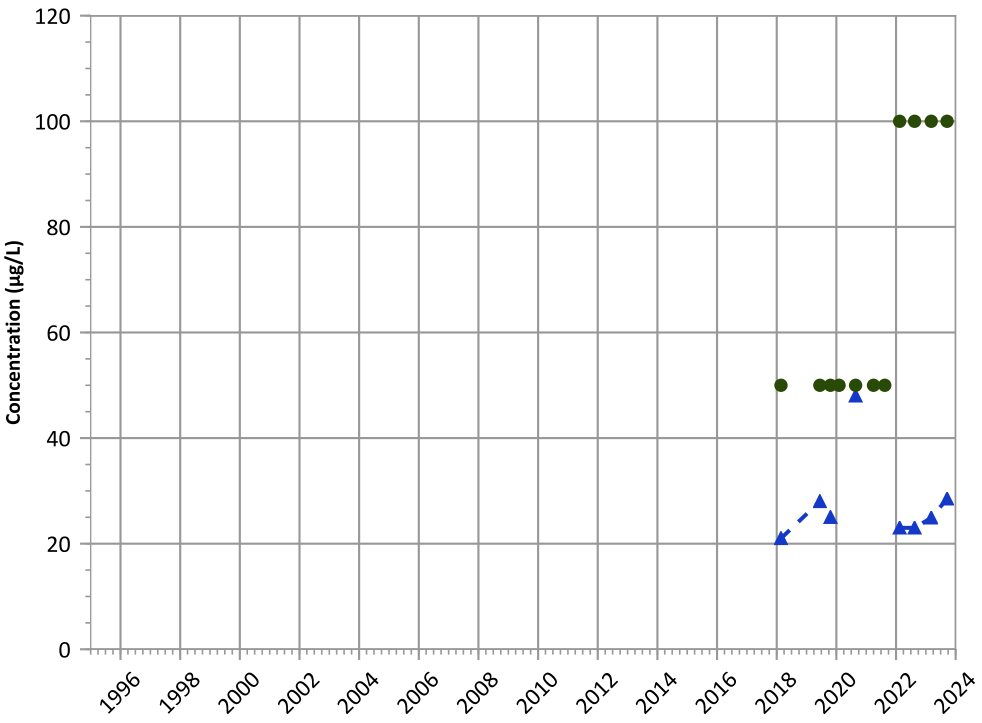
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

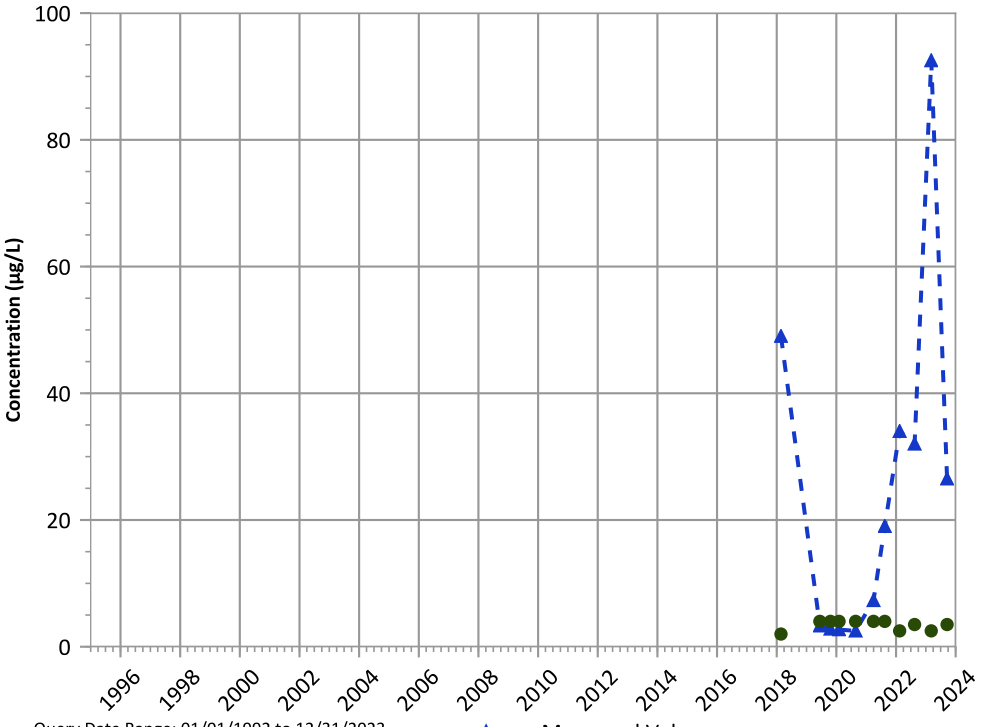


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Manganese Trend



Concentration Trend

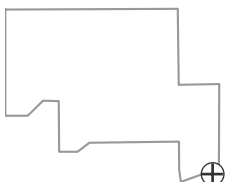
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

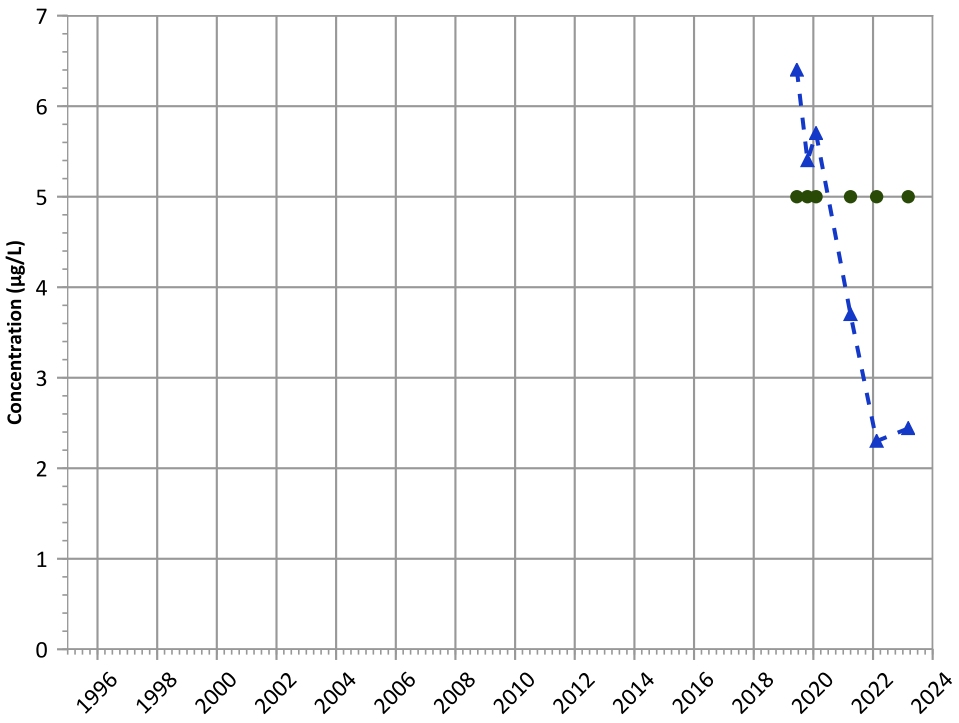
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

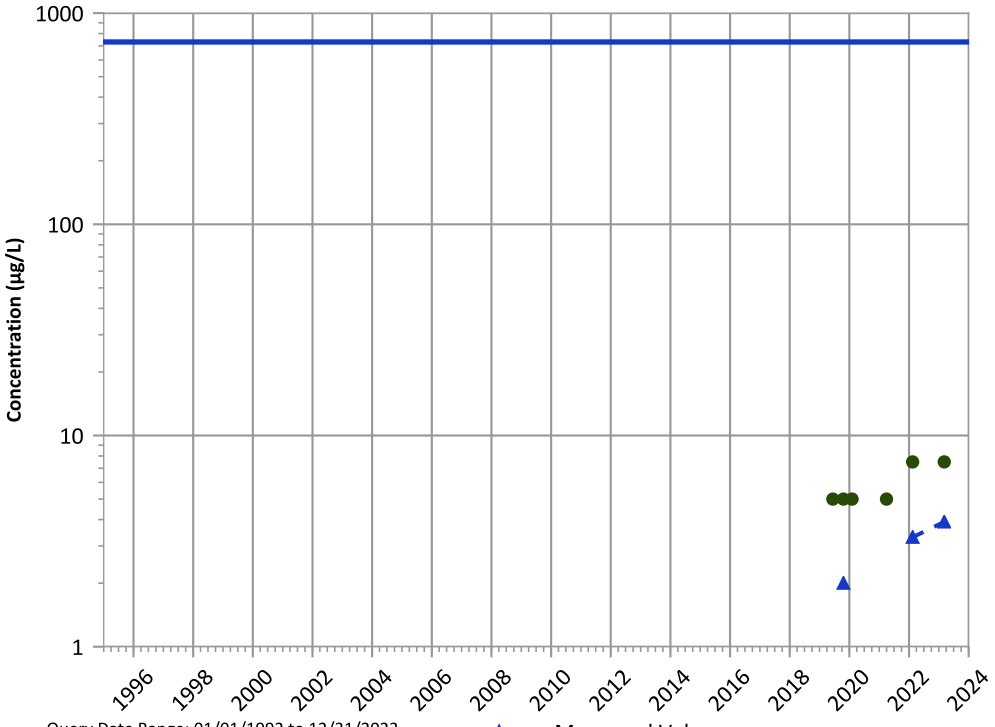


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Nickel Trend



Concentration Trend

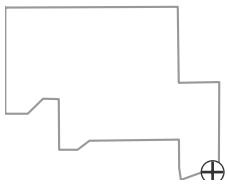
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

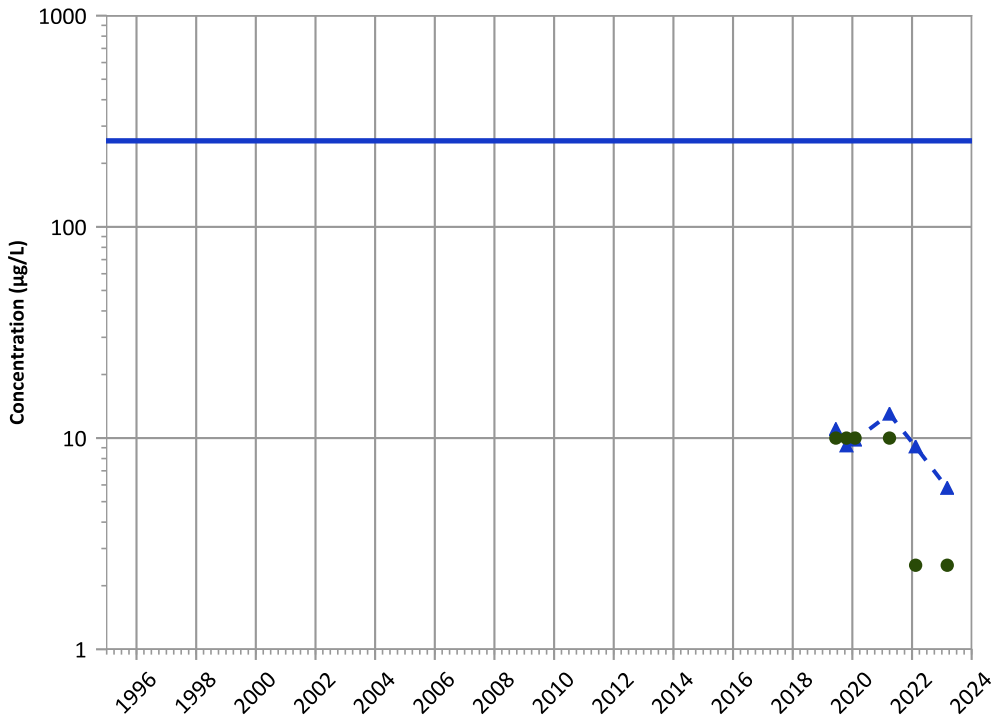
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

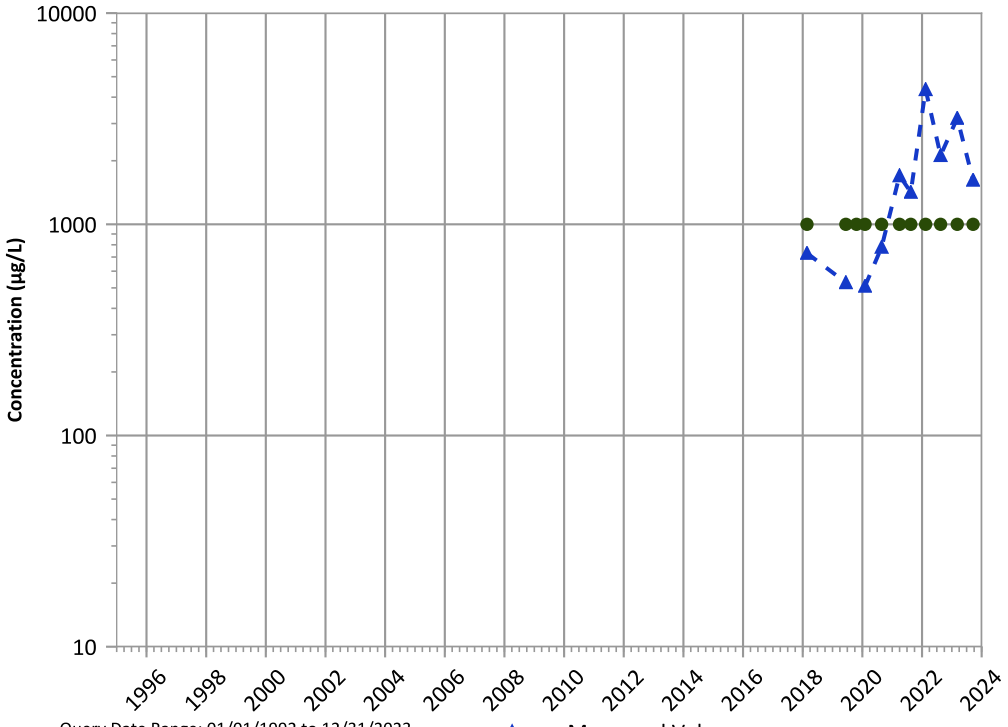


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Total Organic Carbon Trend



Concentration Trend

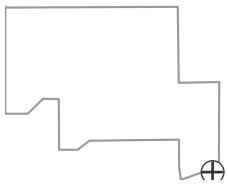
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

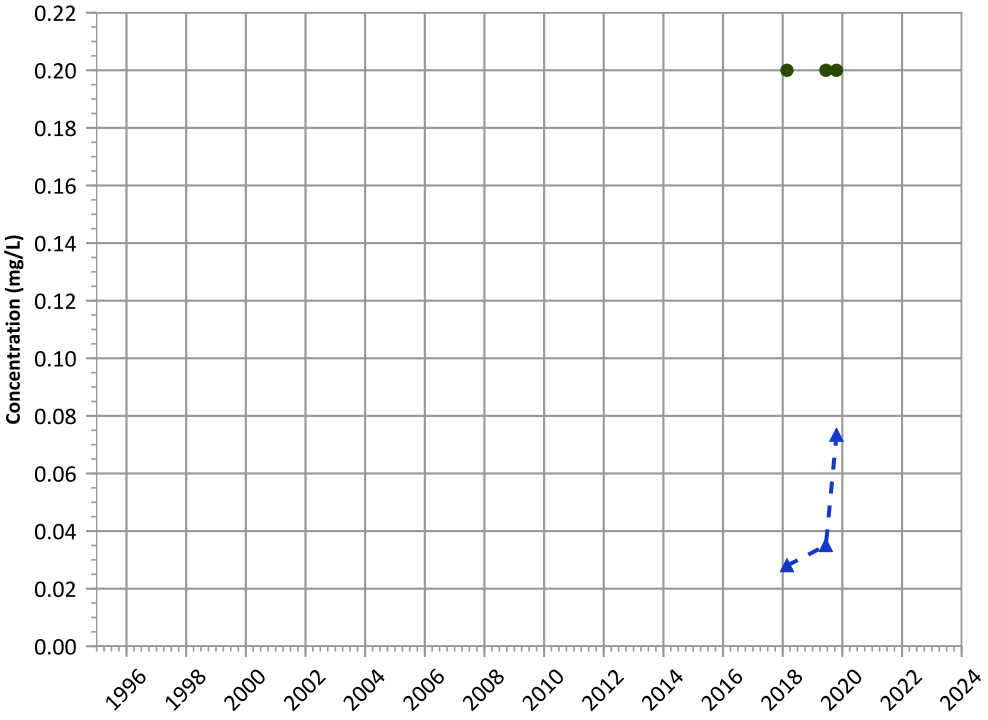
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

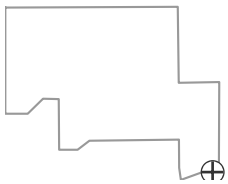
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

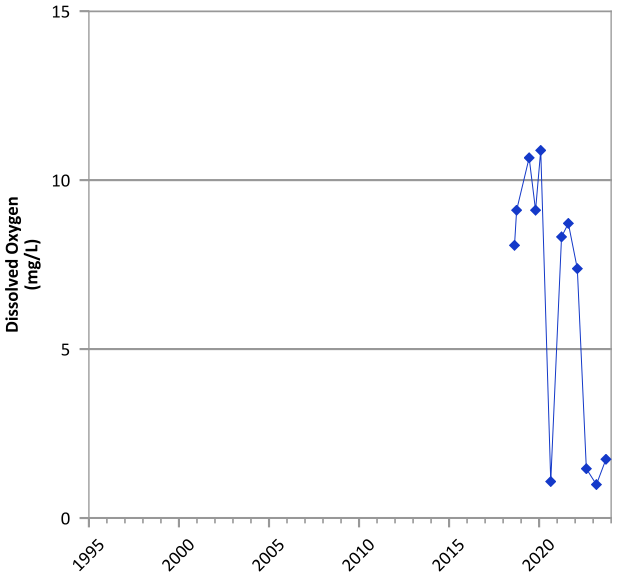
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 02/13/2018 to 09/18/2023
Analysis Date: 04/01/2024

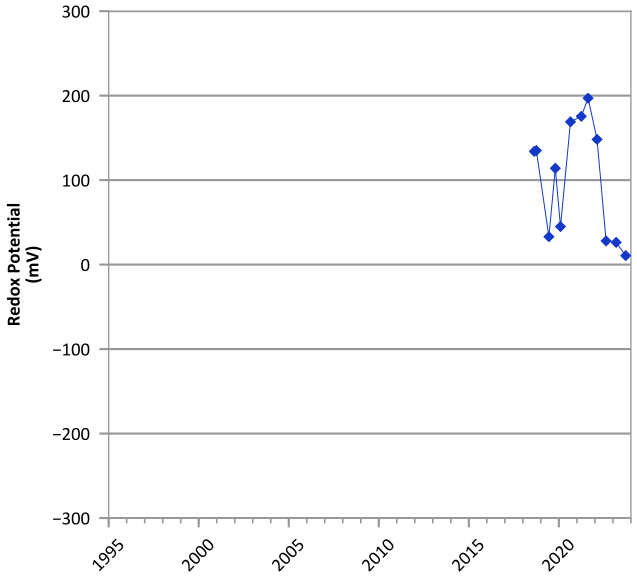
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

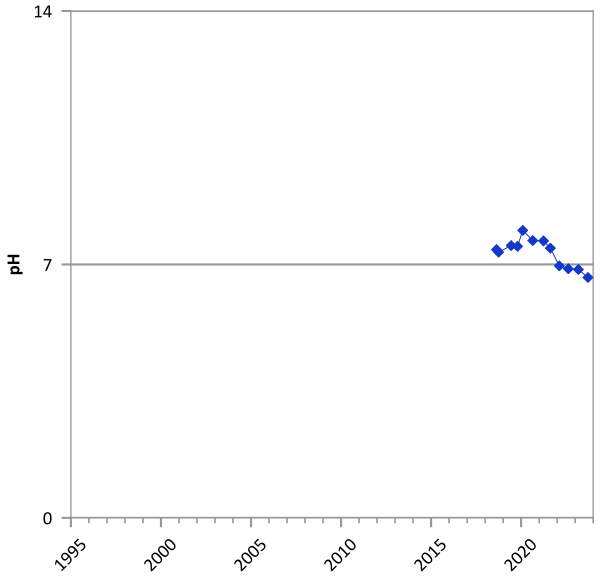
Well Location

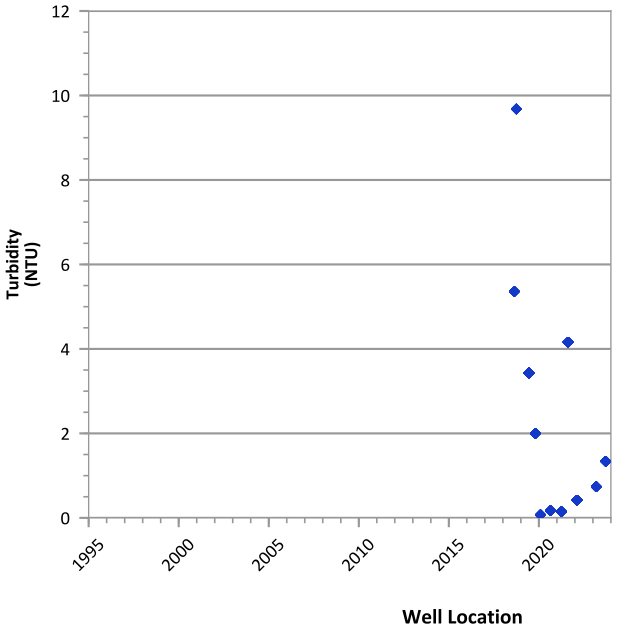


PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

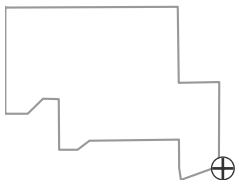






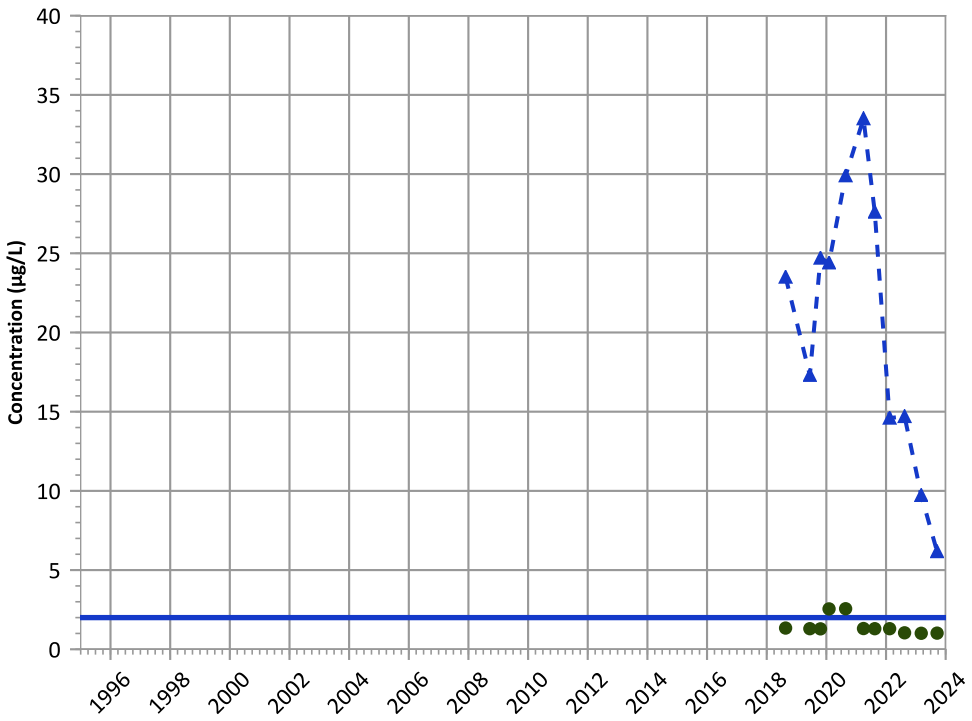


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

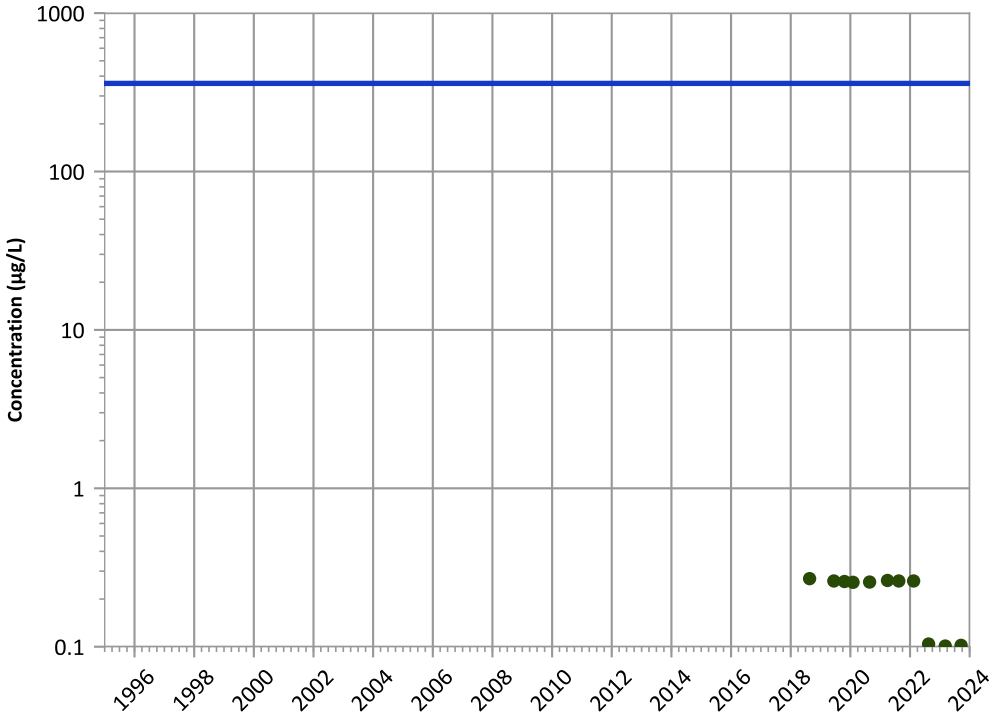


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

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



Concentration Trend

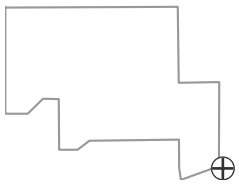
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

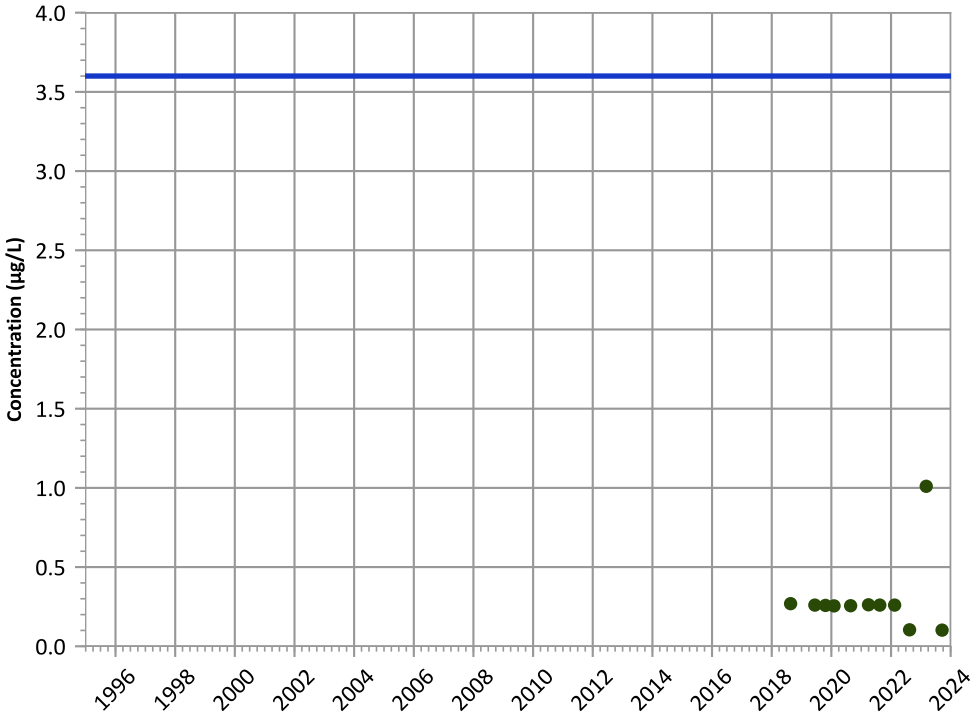
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

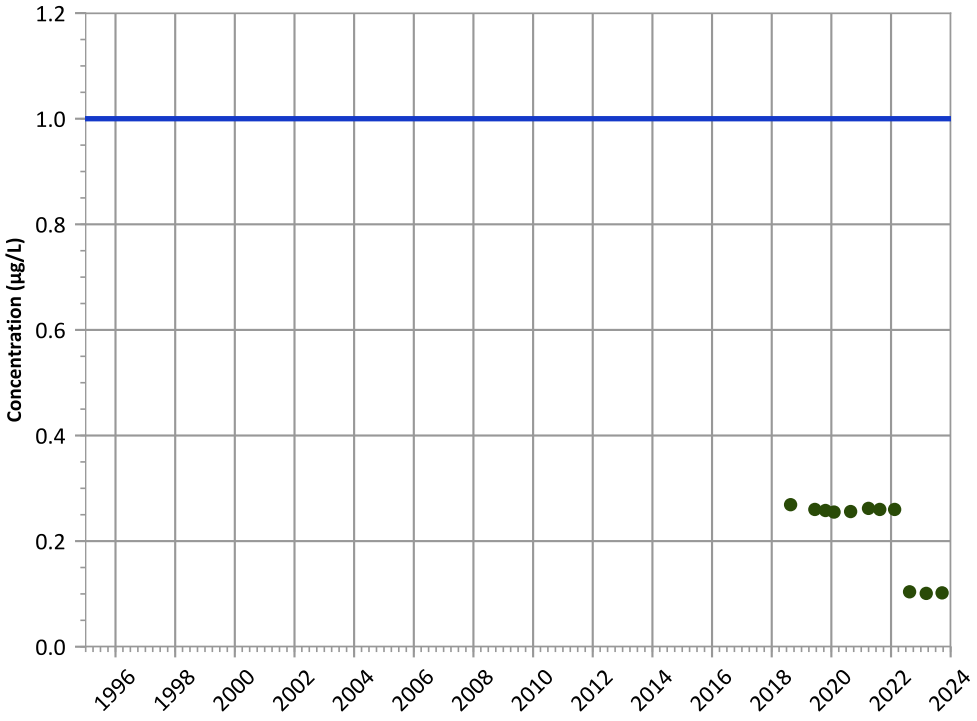


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

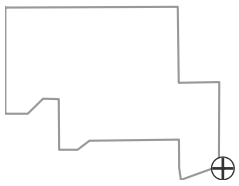
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

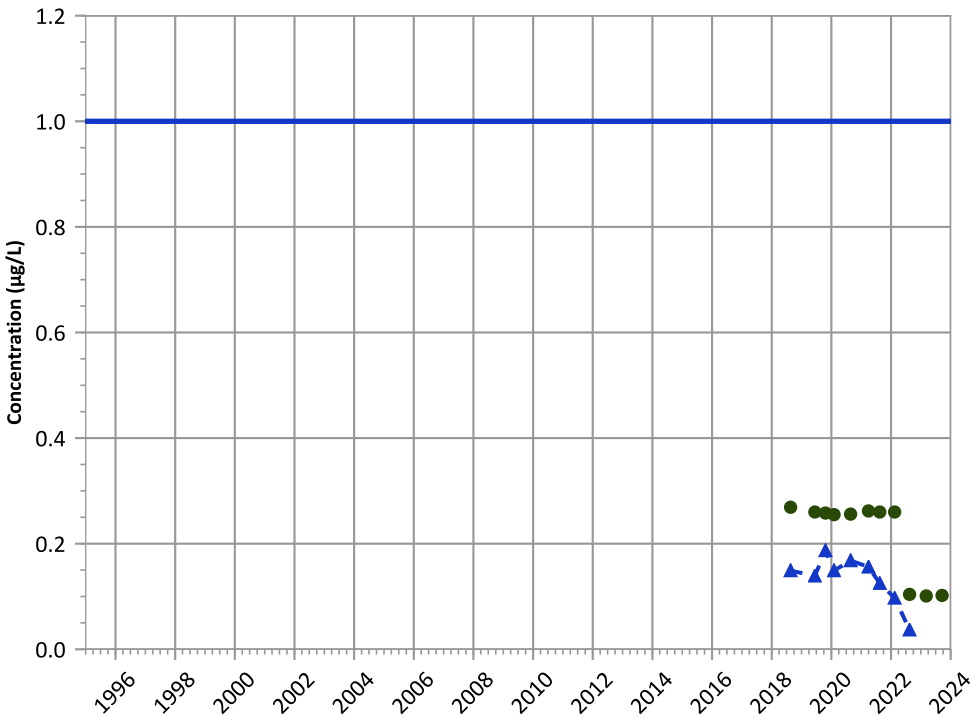
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

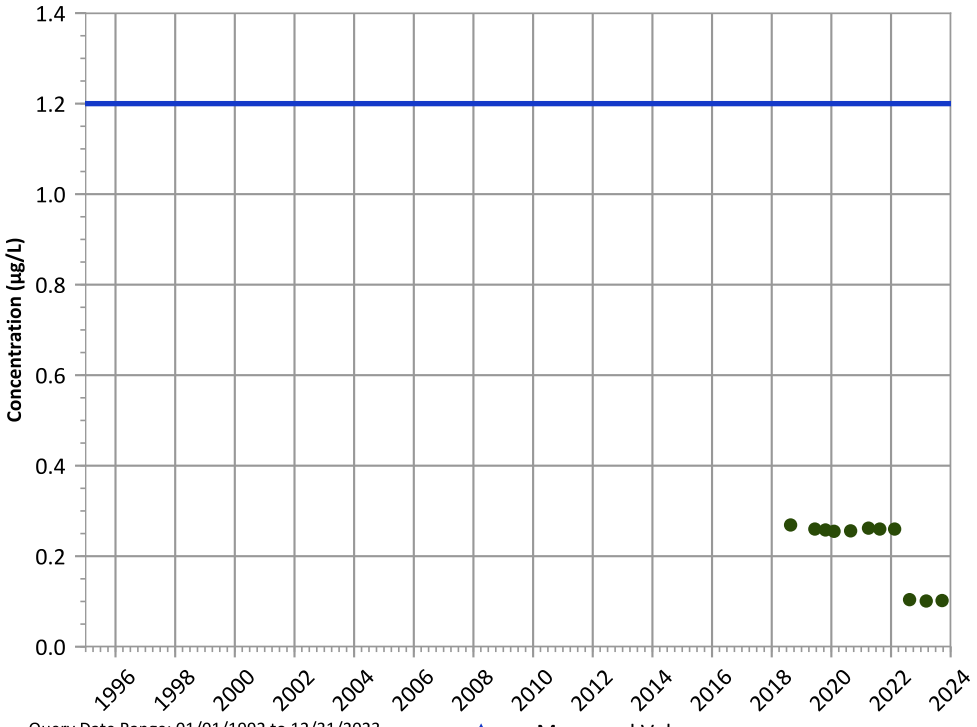


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

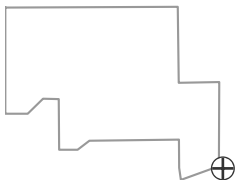
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

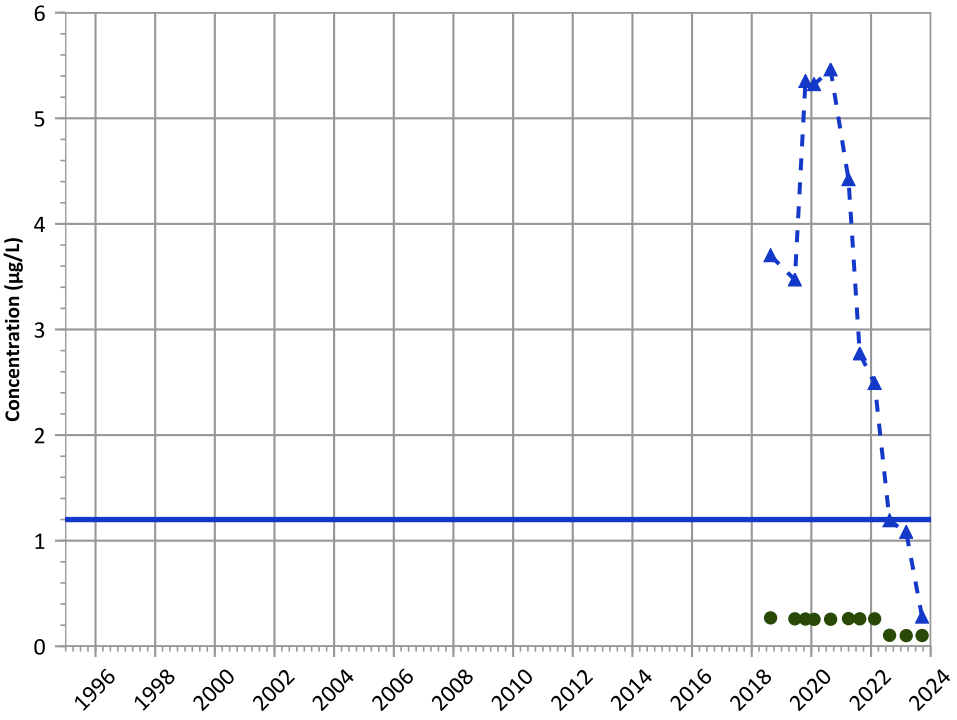
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

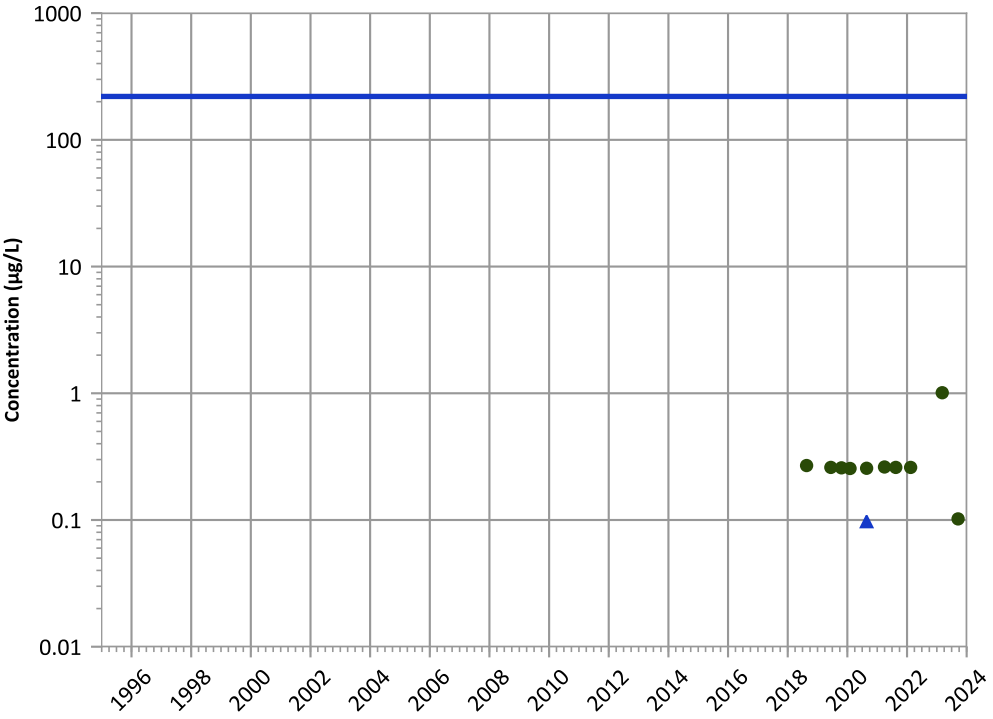


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

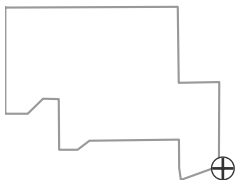
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

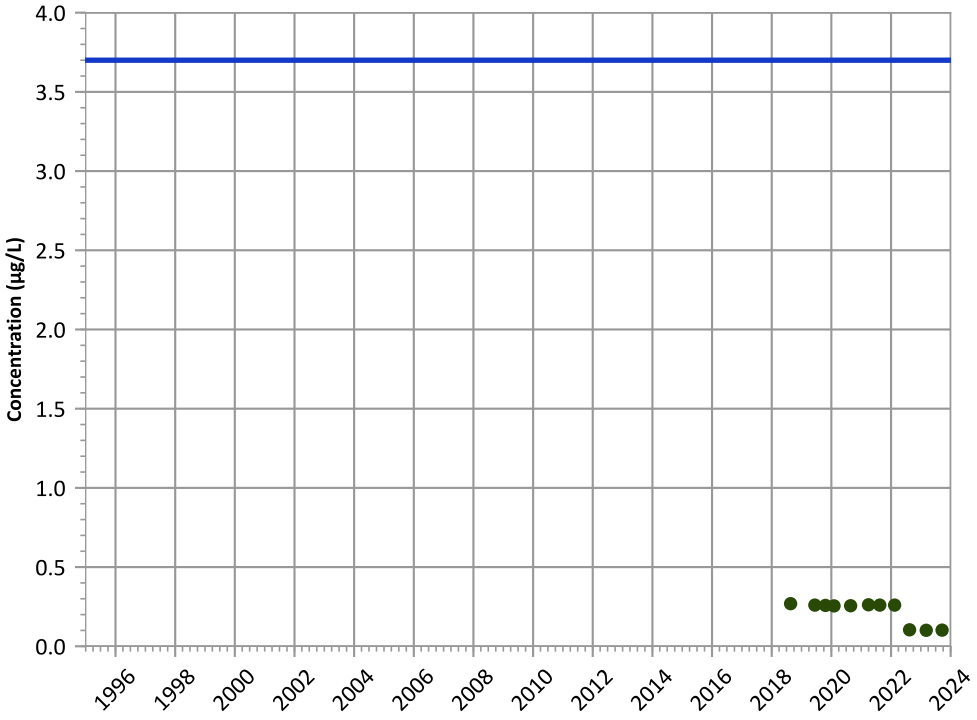
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

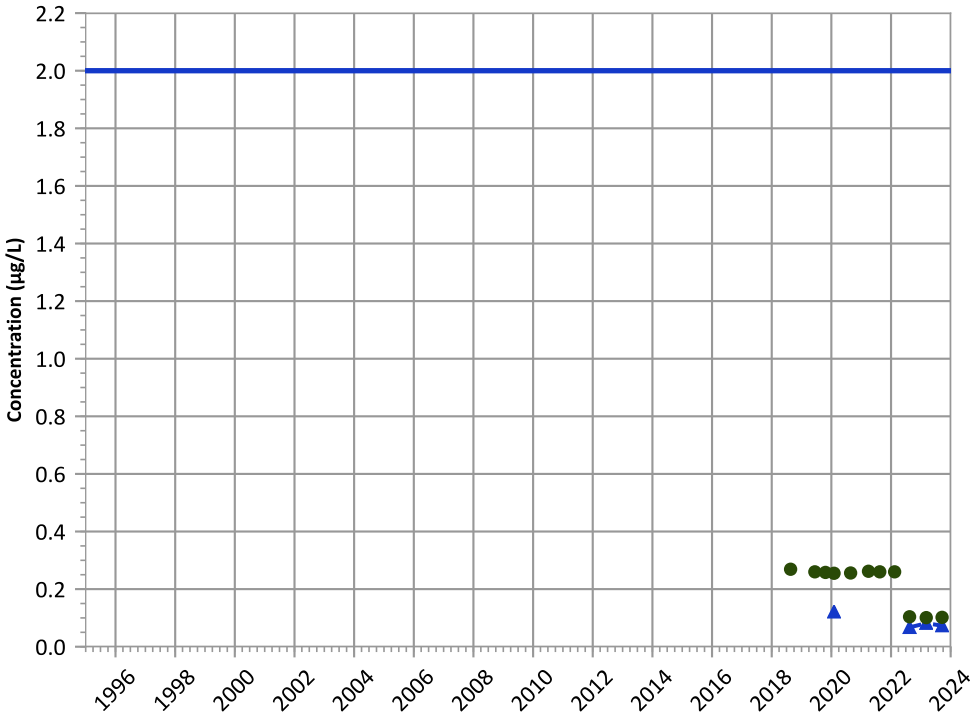


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

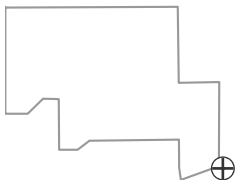
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

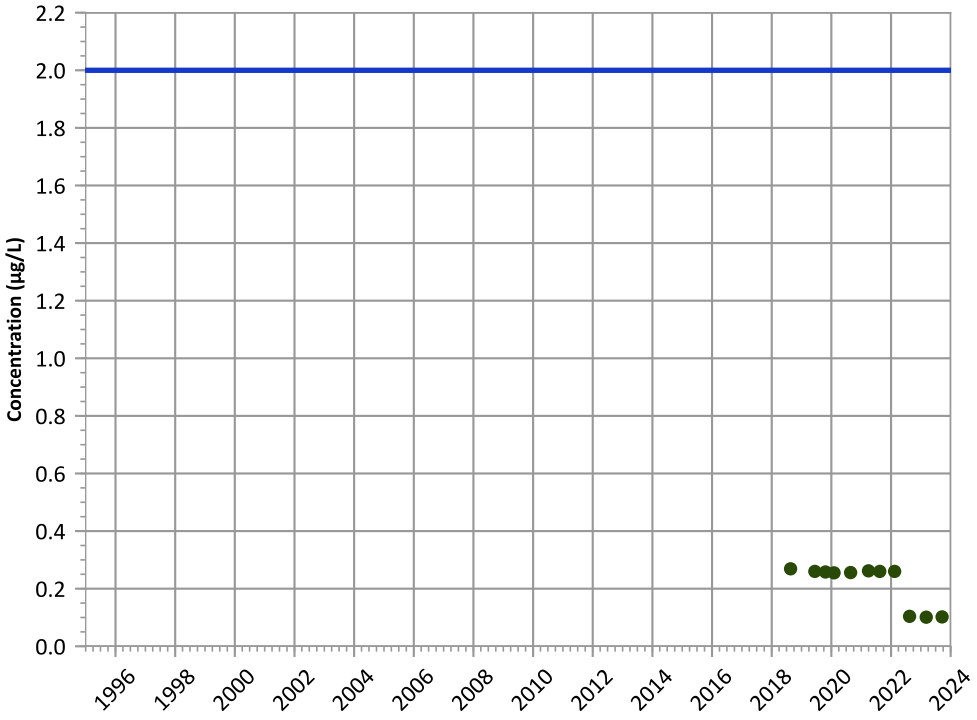
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

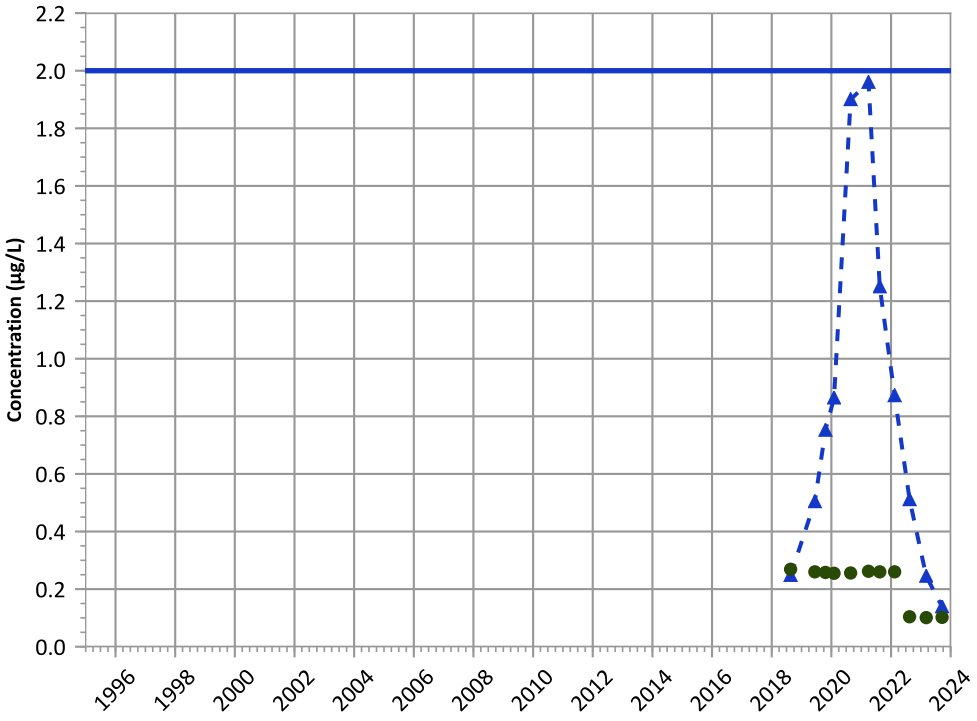


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

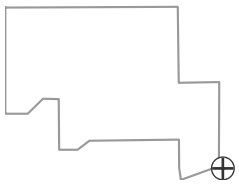
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Stable
2021 - 2023 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

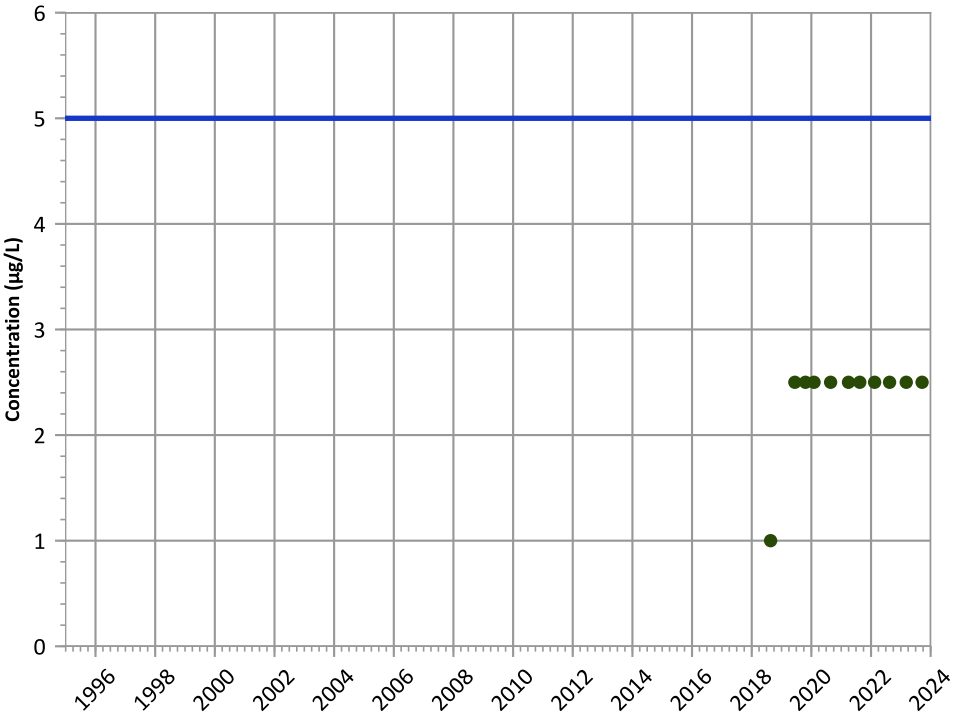
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

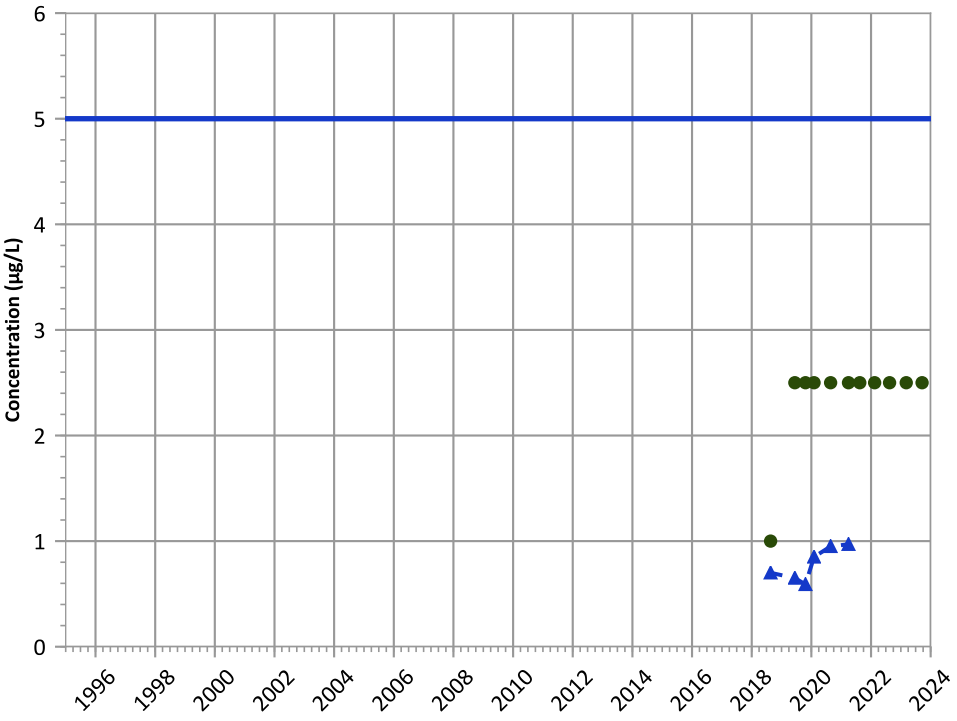


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

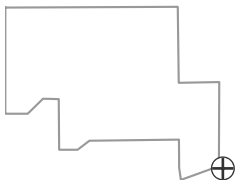
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

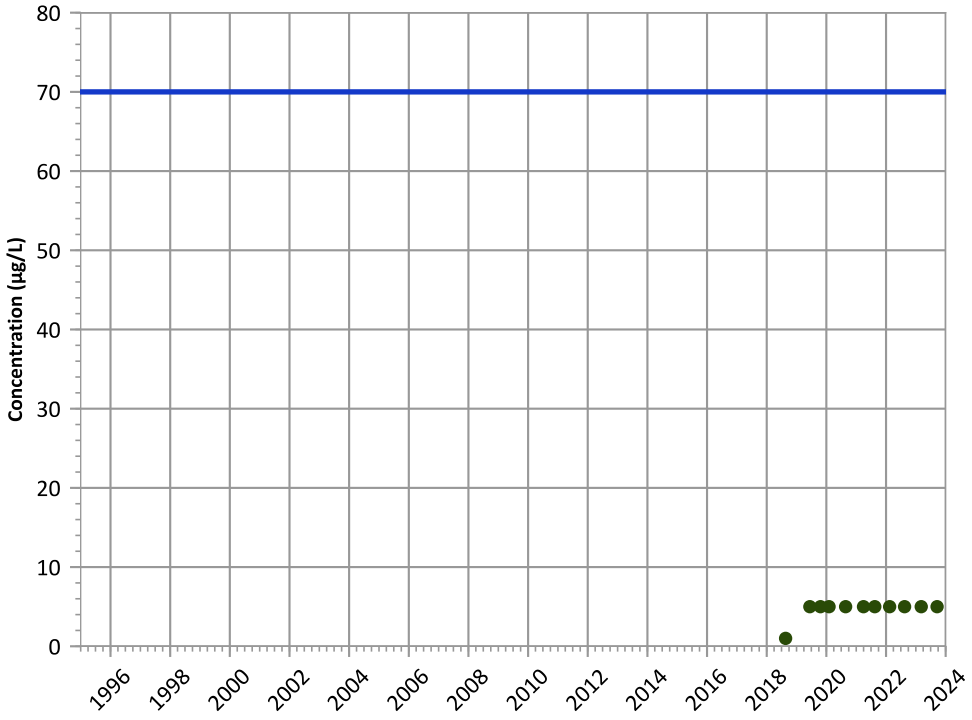
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

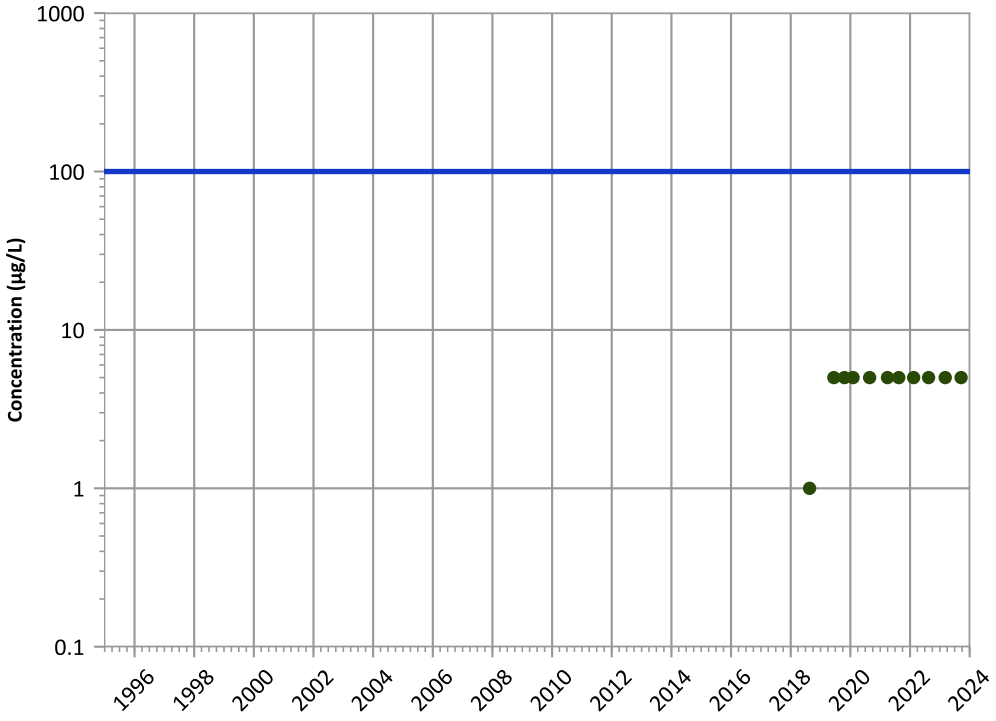


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

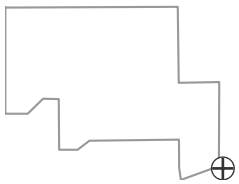
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

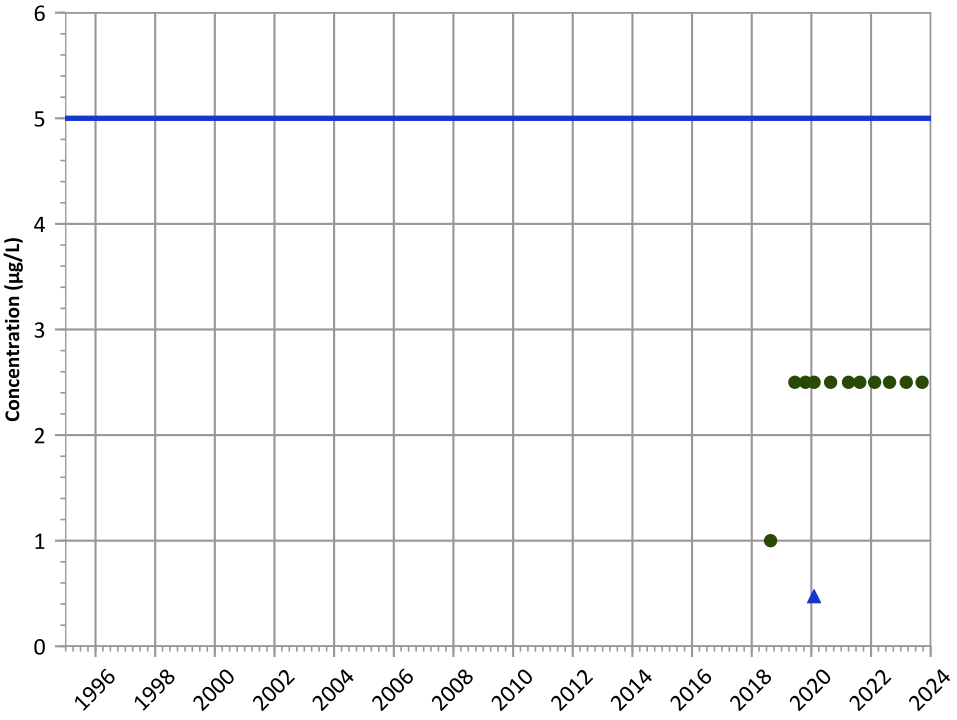
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

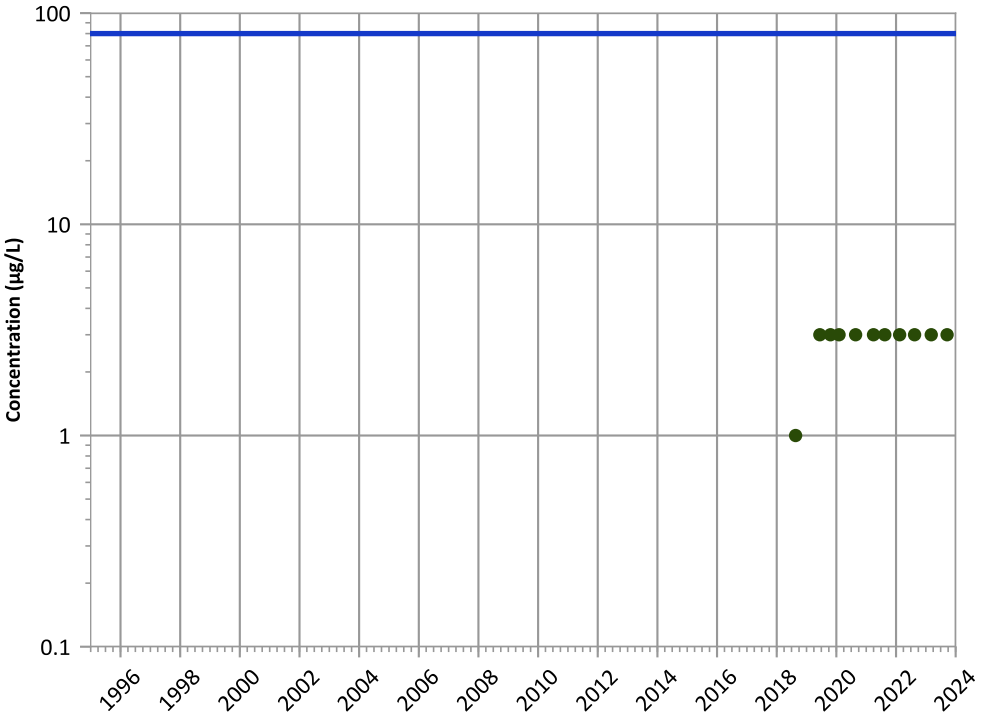


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

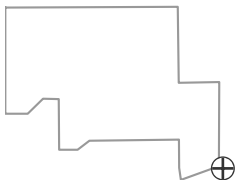


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Well Location

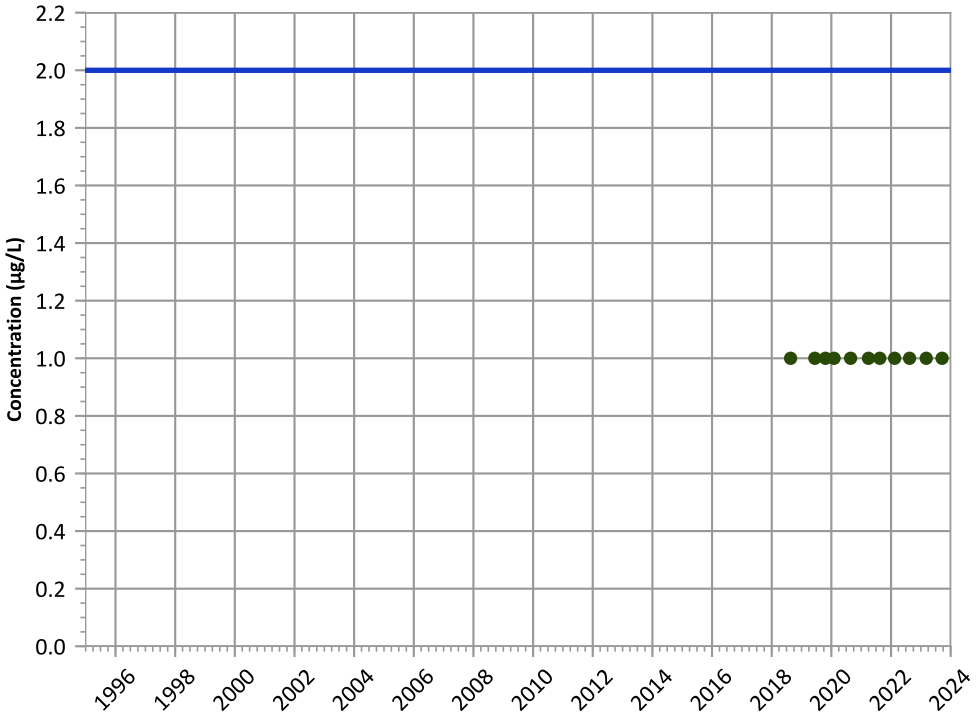


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

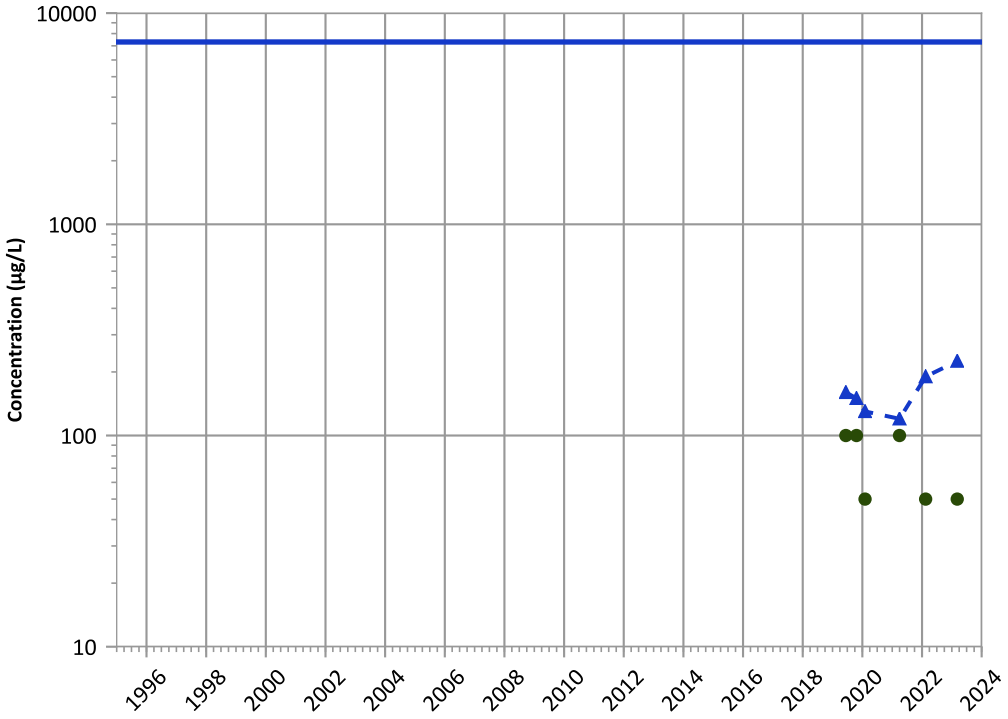


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
All Non-Detect
2021 - 2023 Data:
All Non-Detect

Boron Trend



Concentration Trend

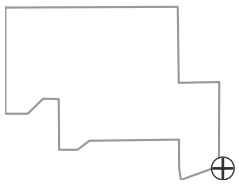
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

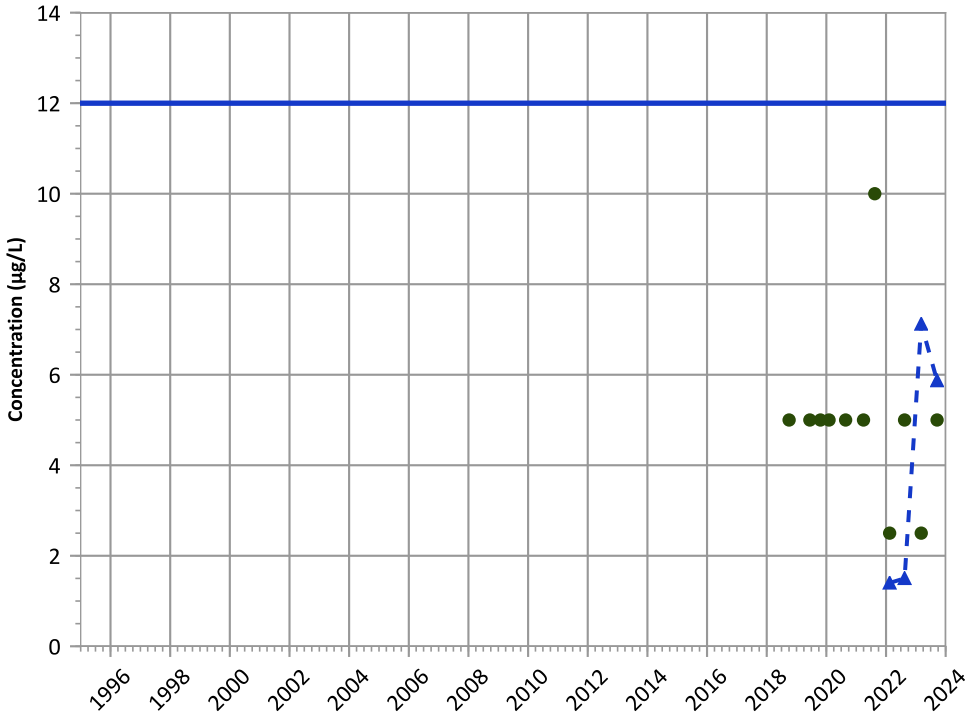
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

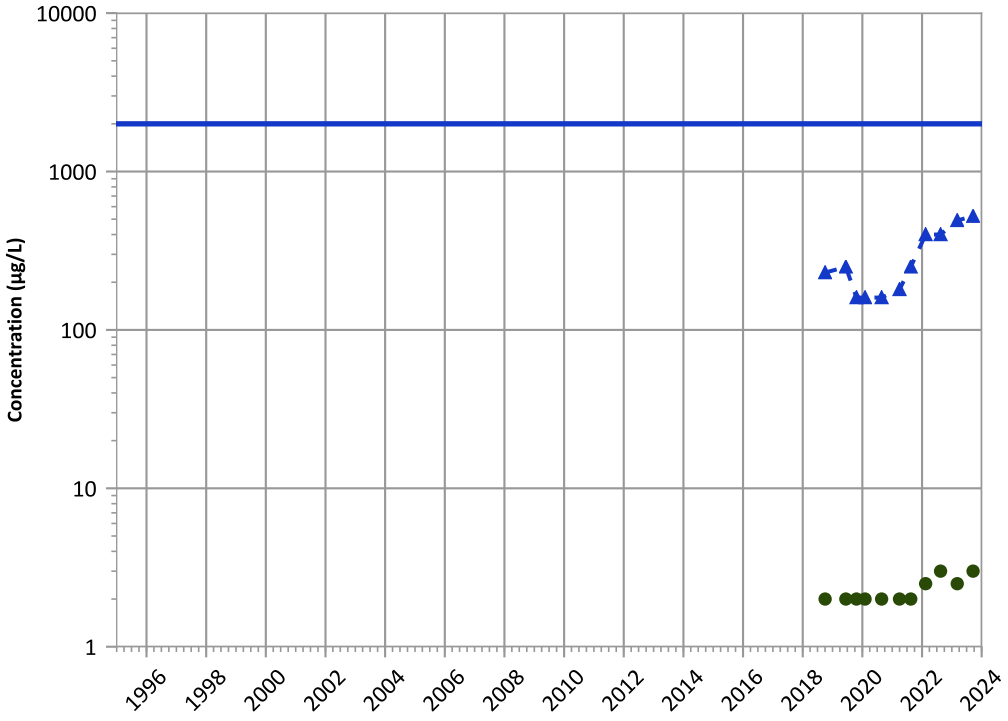


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Increasing
2021 - 2023 Data:
Probably Increasing

Barium Trend



Concentration Trend

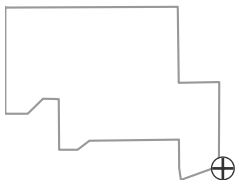
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

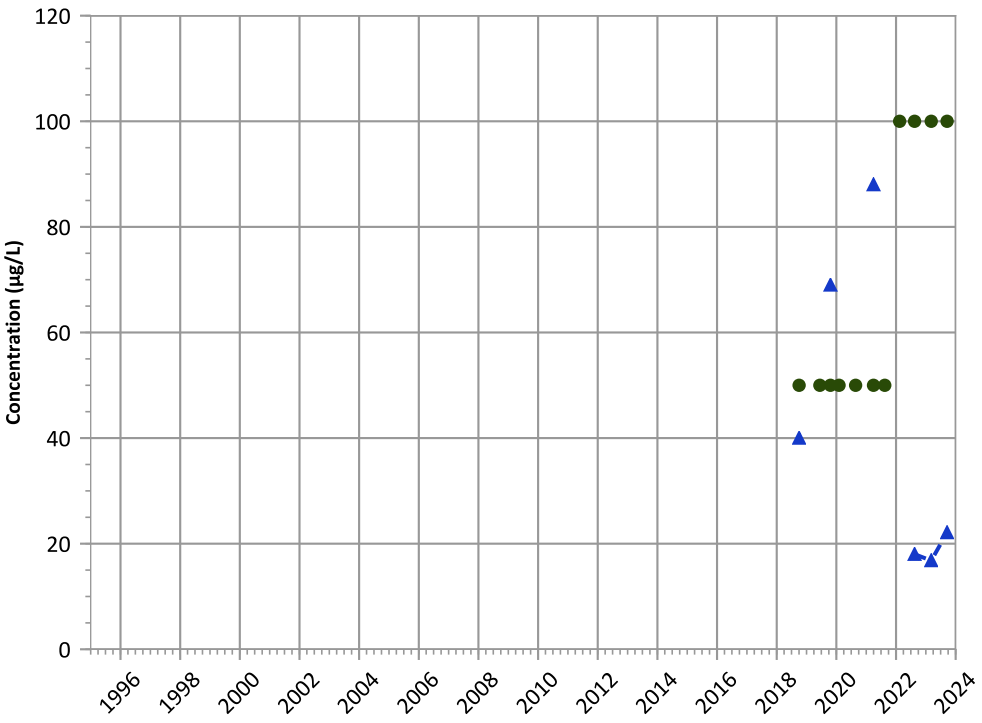
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

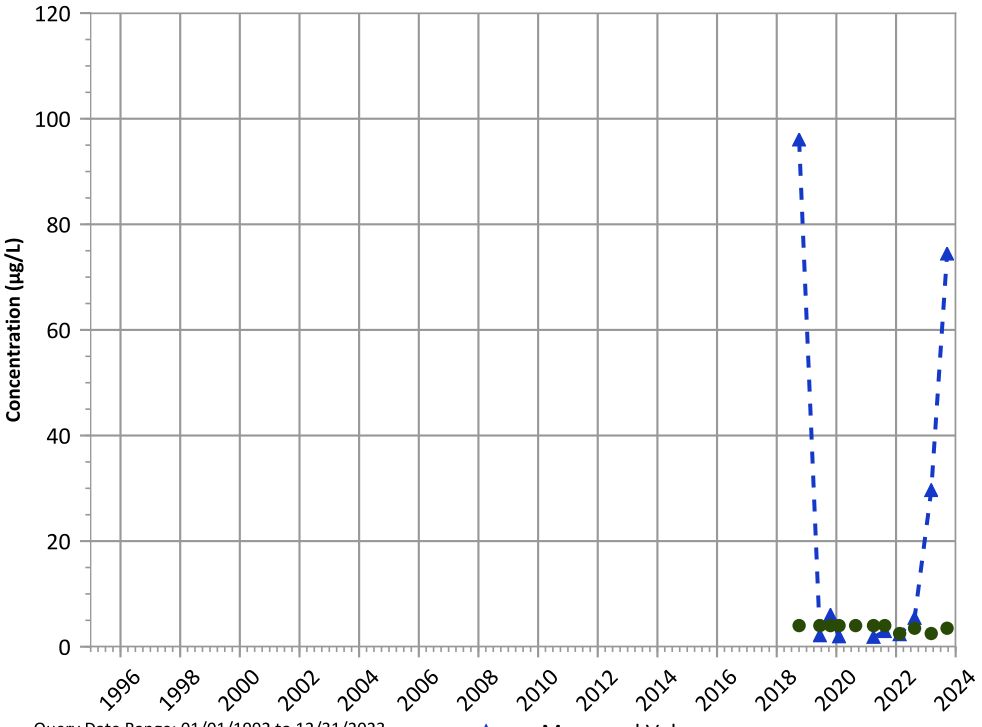


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Probably Decreasing
2021 - 2023 Data:
Stable

Manganese Trend



Concentration Trend

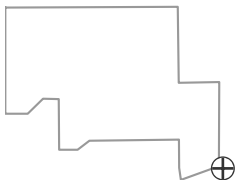
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
No Trend
2021 - 2023 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

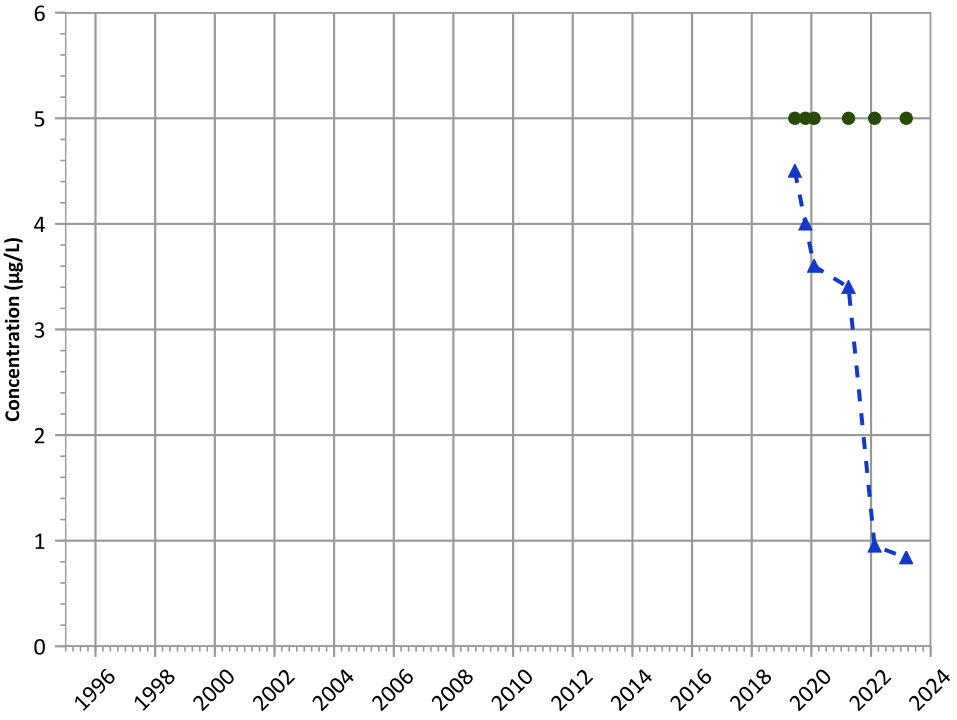
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

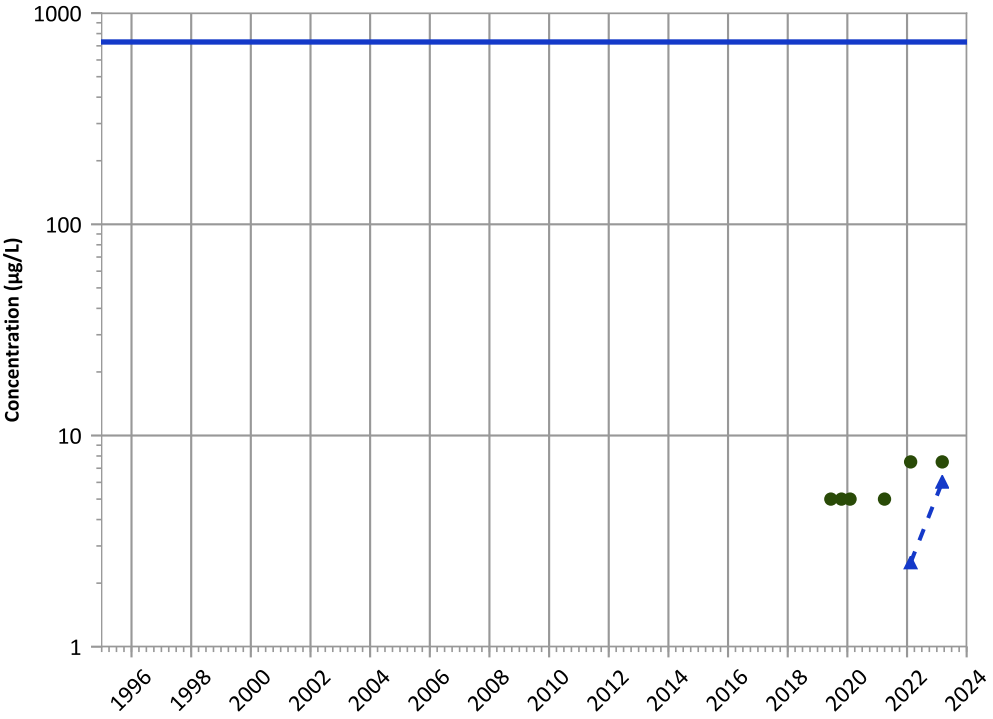


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Probably Decreasing

Nickel Trend



Concentration Trend

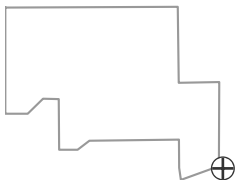
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

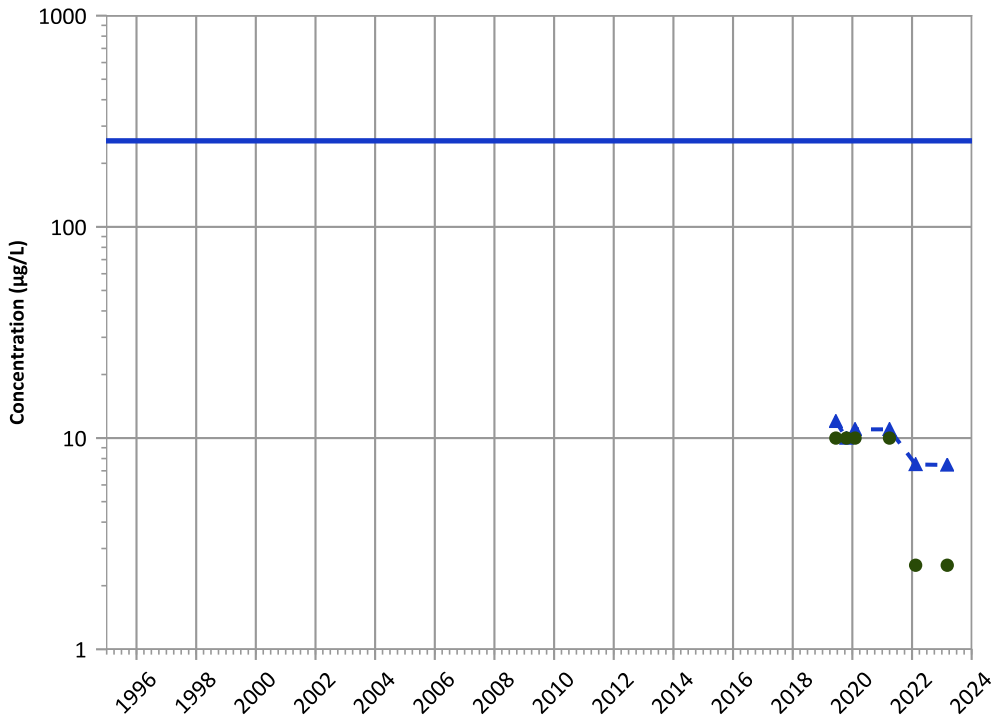
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

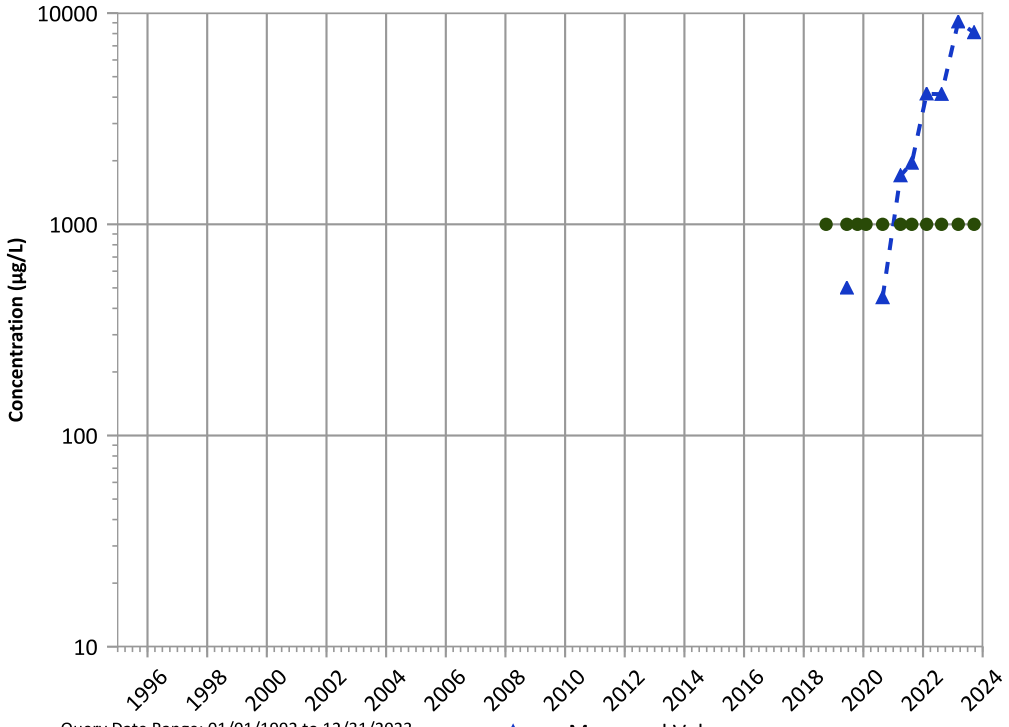


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Decreasing
2021 - 2023 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

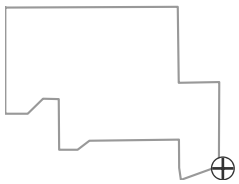
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
Increasing
2021 - 2023 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

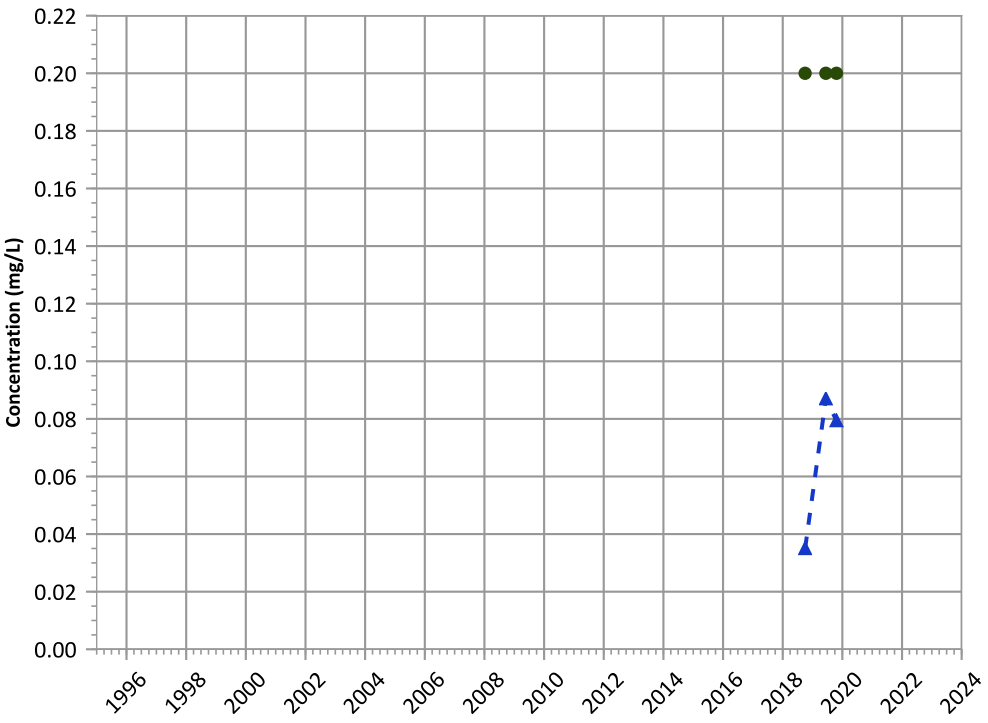
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

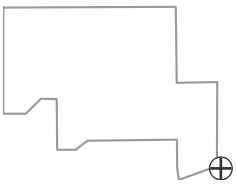
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

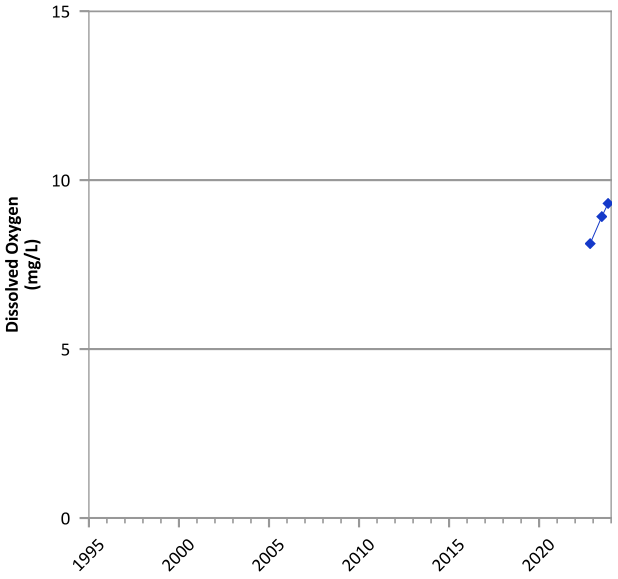
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/20/2018 to 09/18/2023
Analysis Date: 04/01/2024

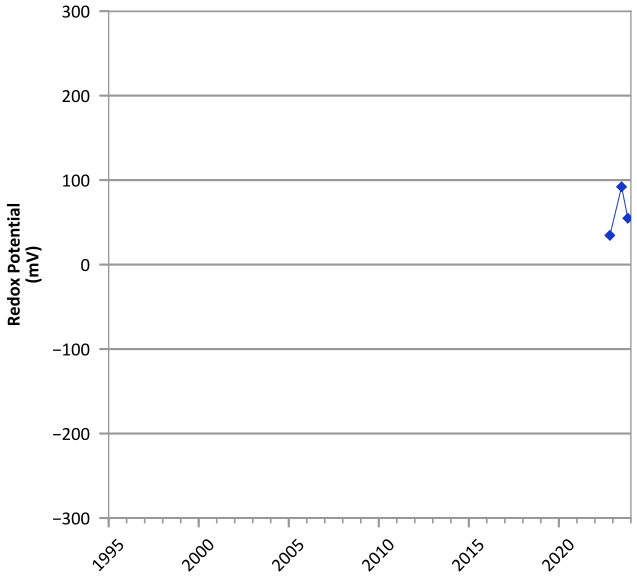
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

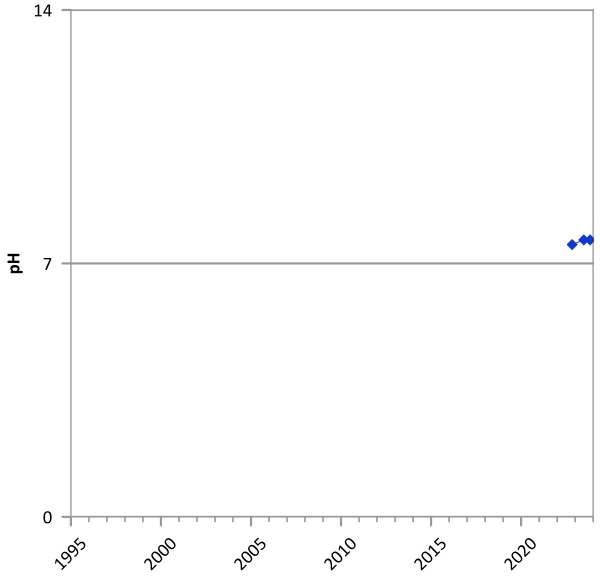
Well Location

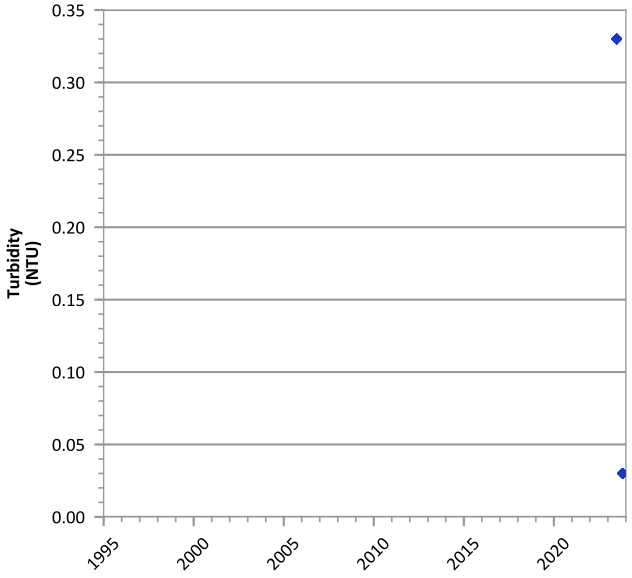


PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

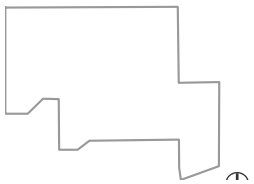






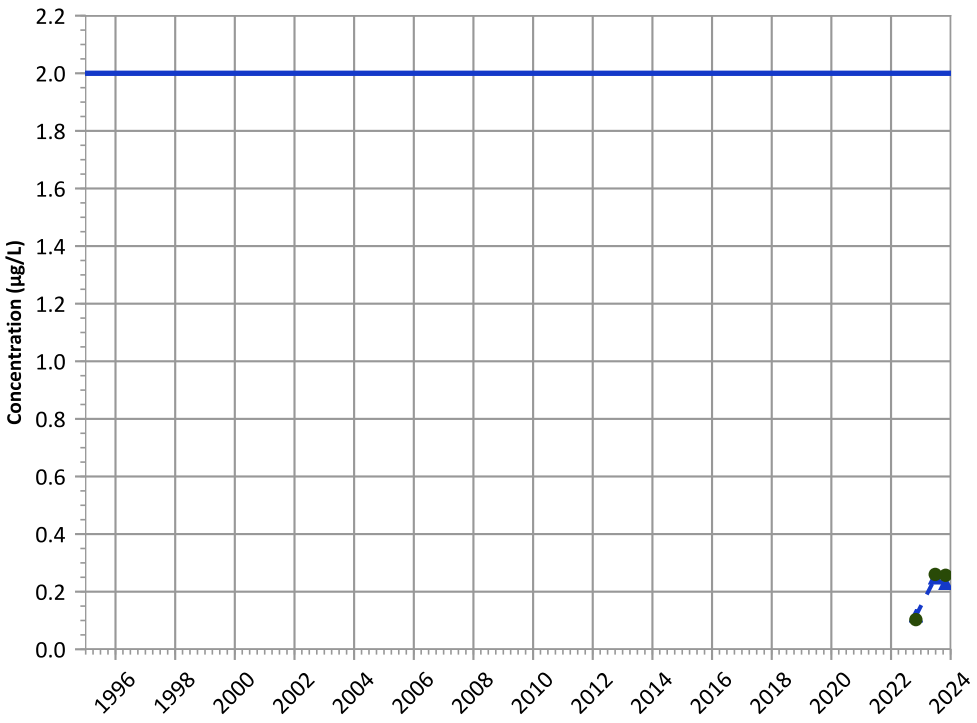


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

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

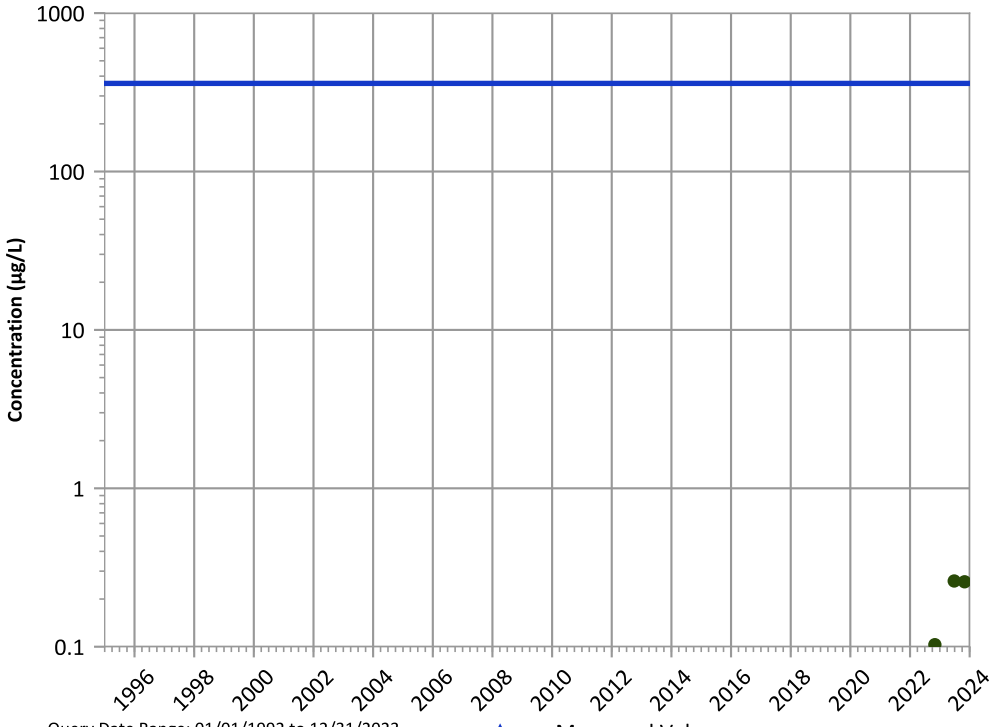


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

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

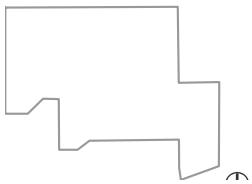


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

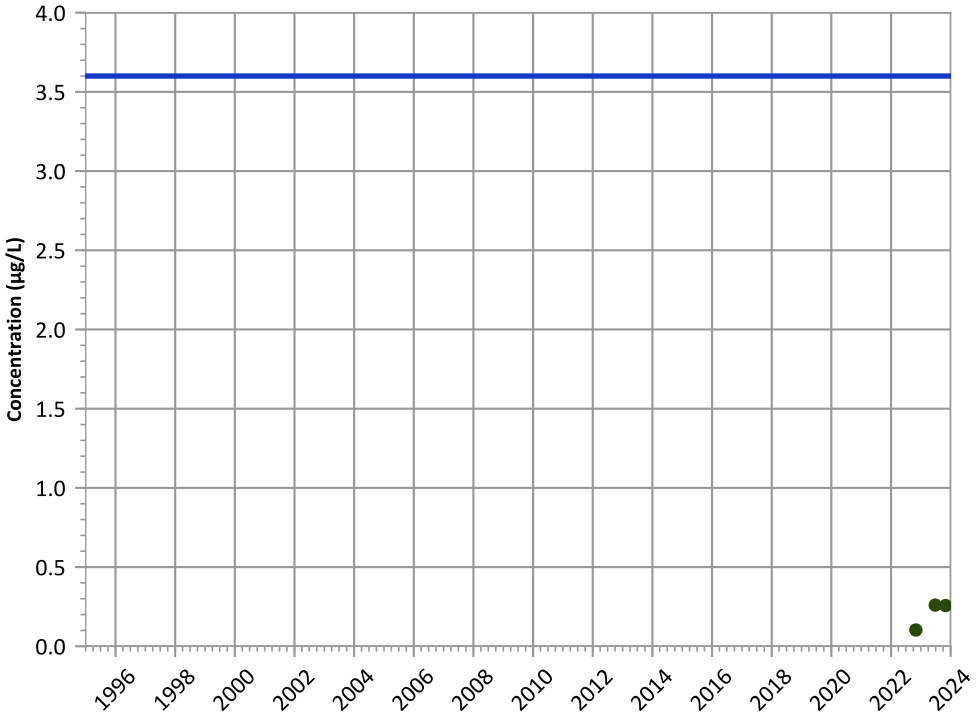


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

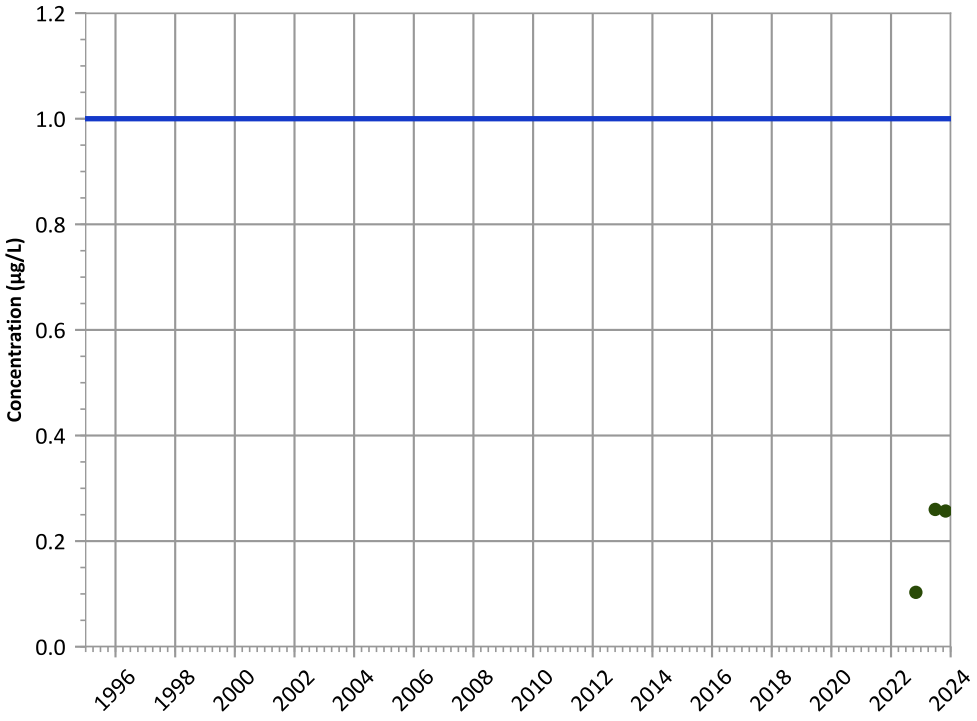


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

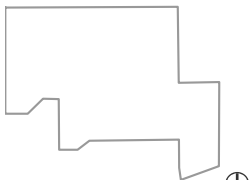


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

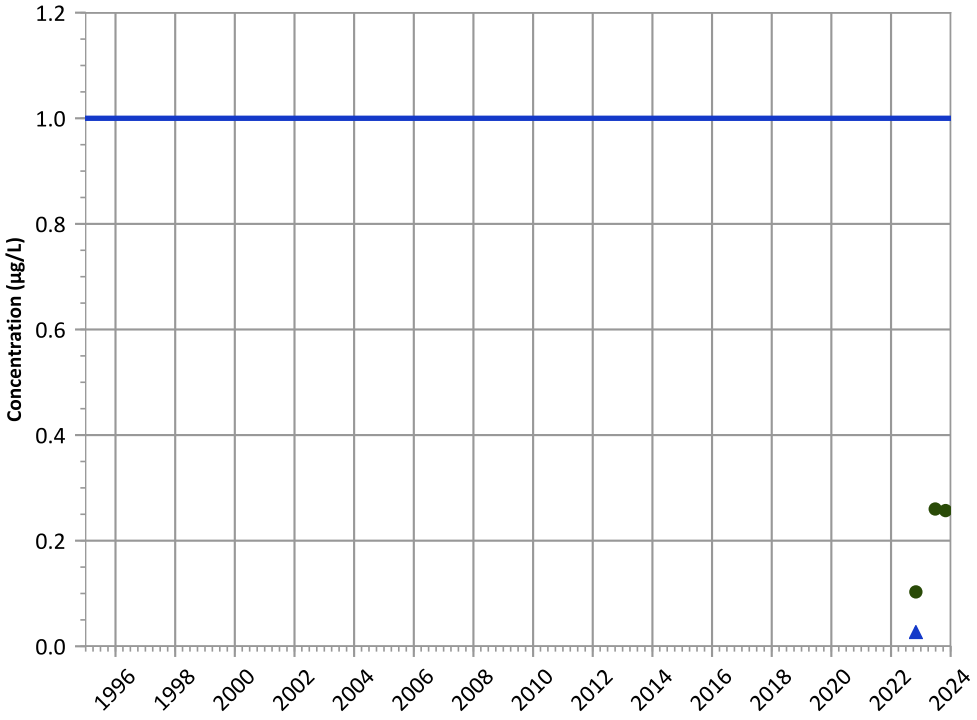


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

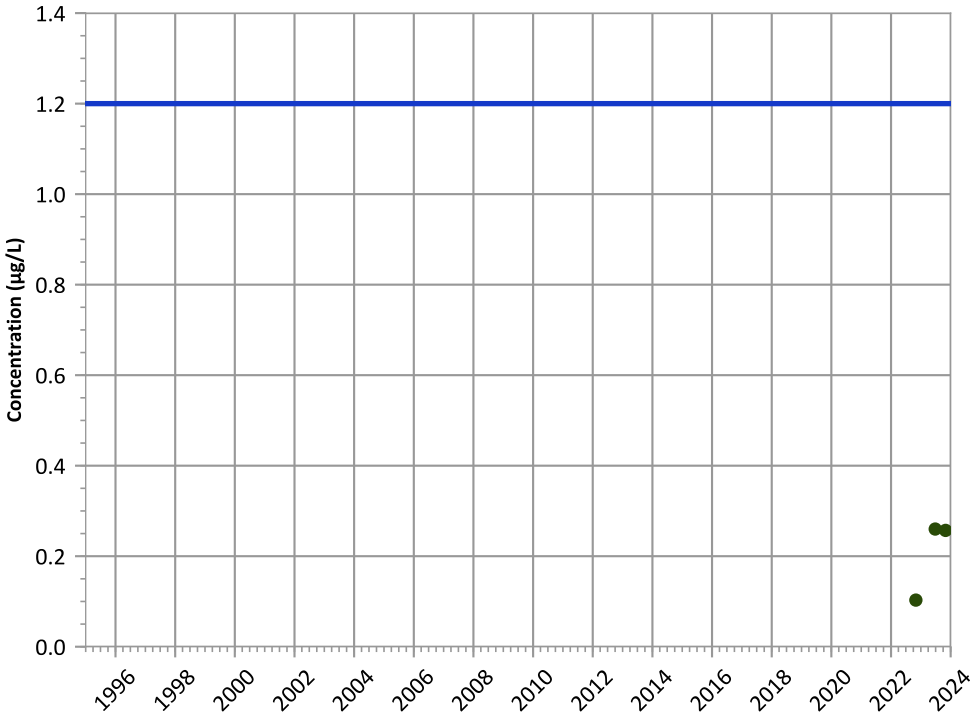


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

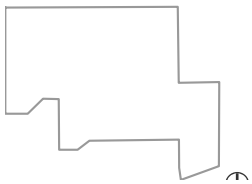
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

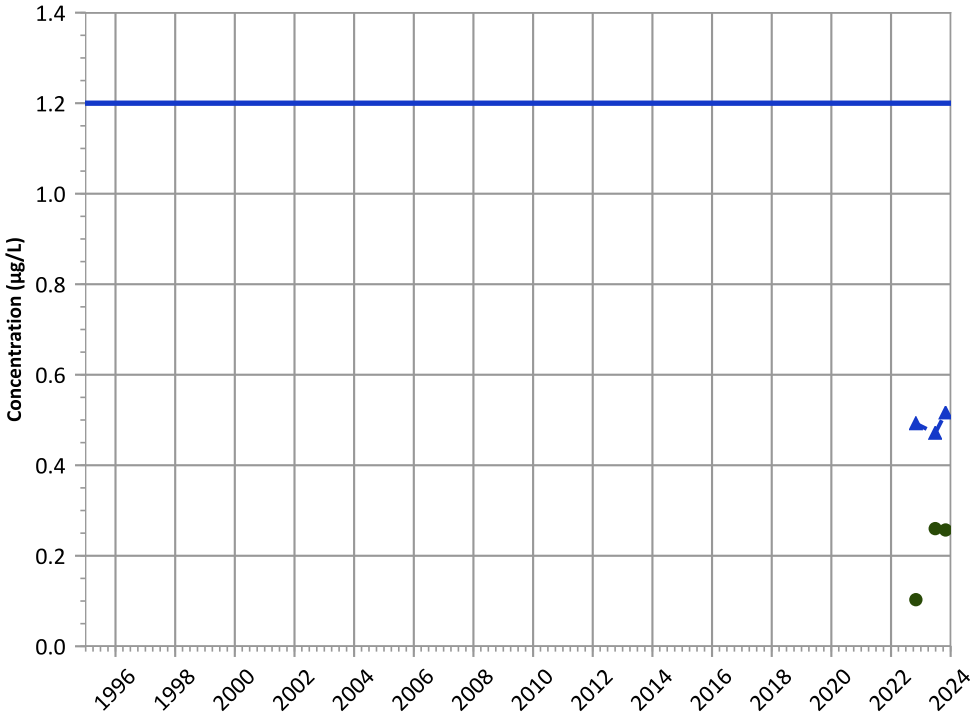
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

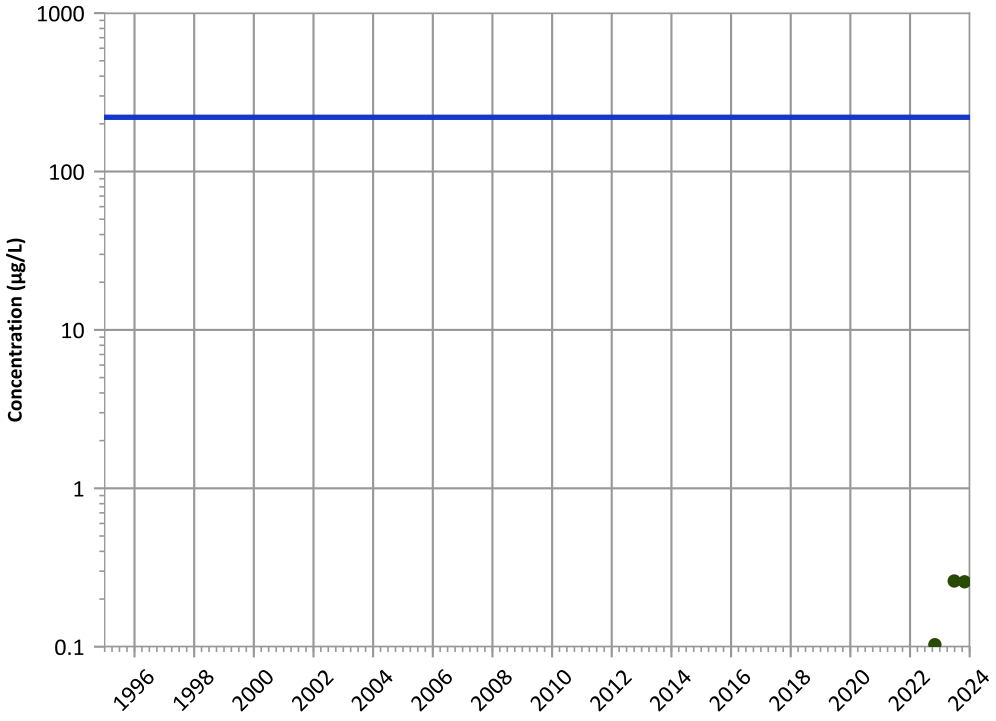


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

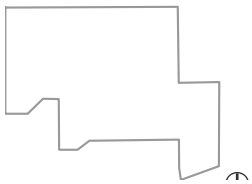


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Well Location

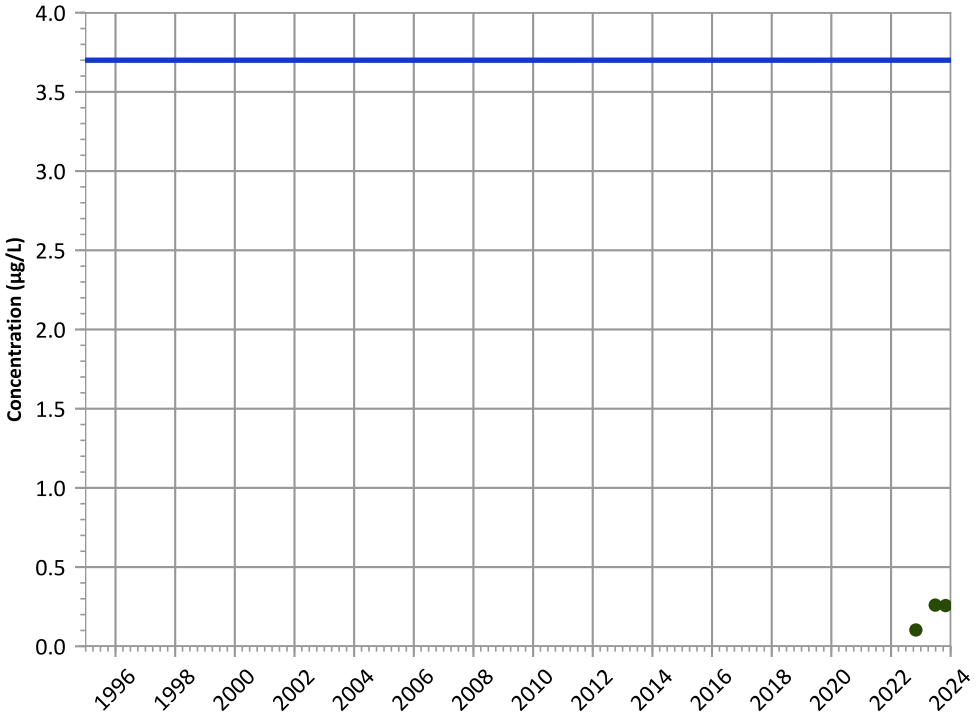


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

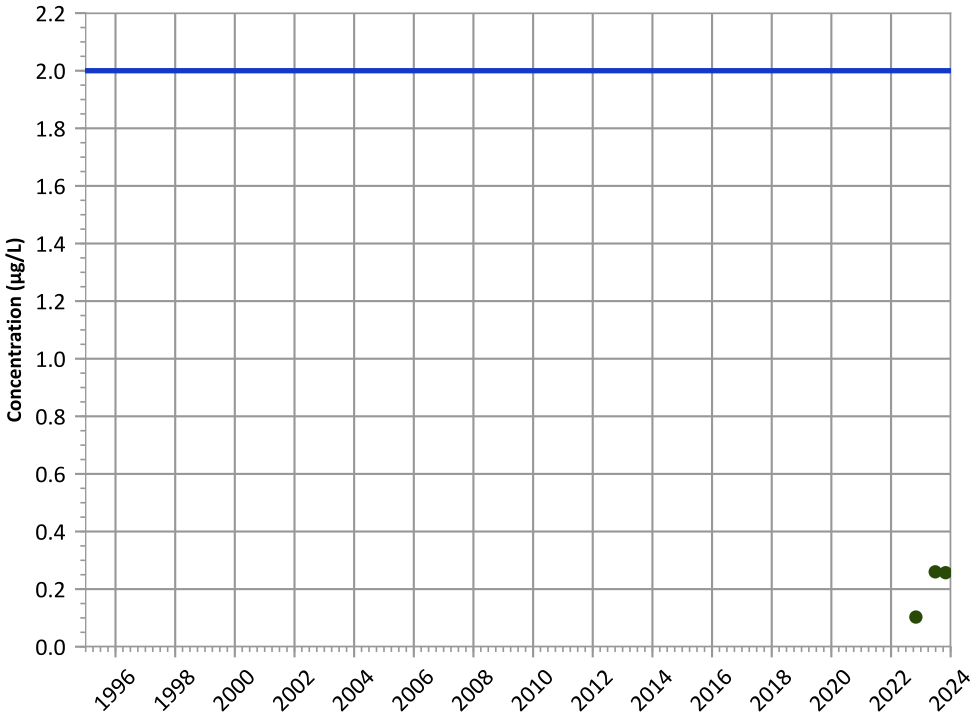


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

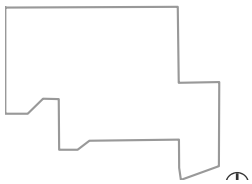
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

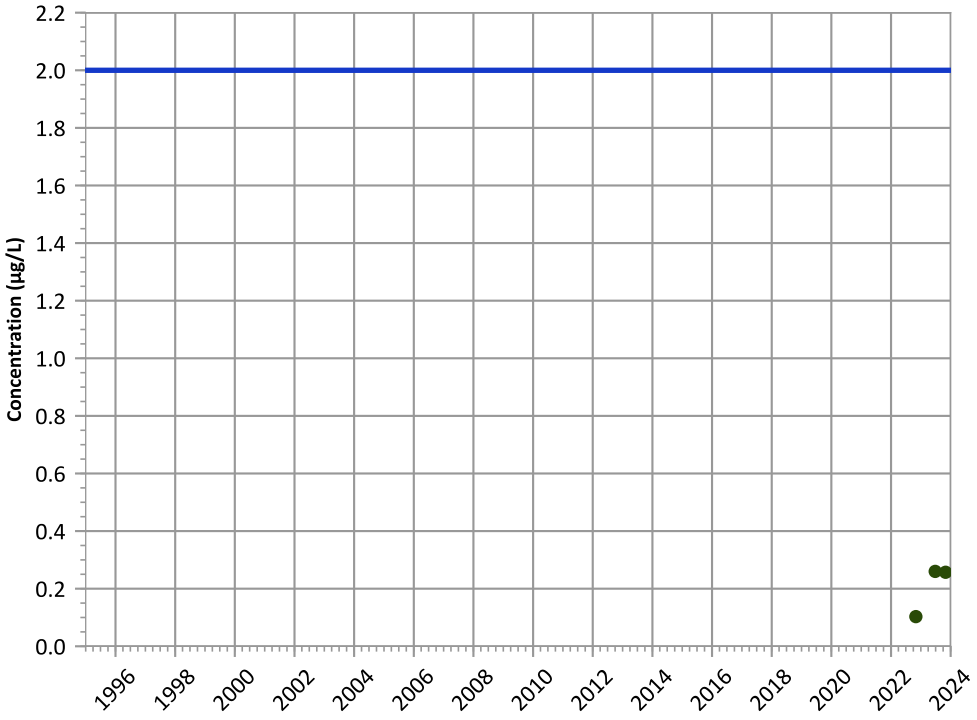
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

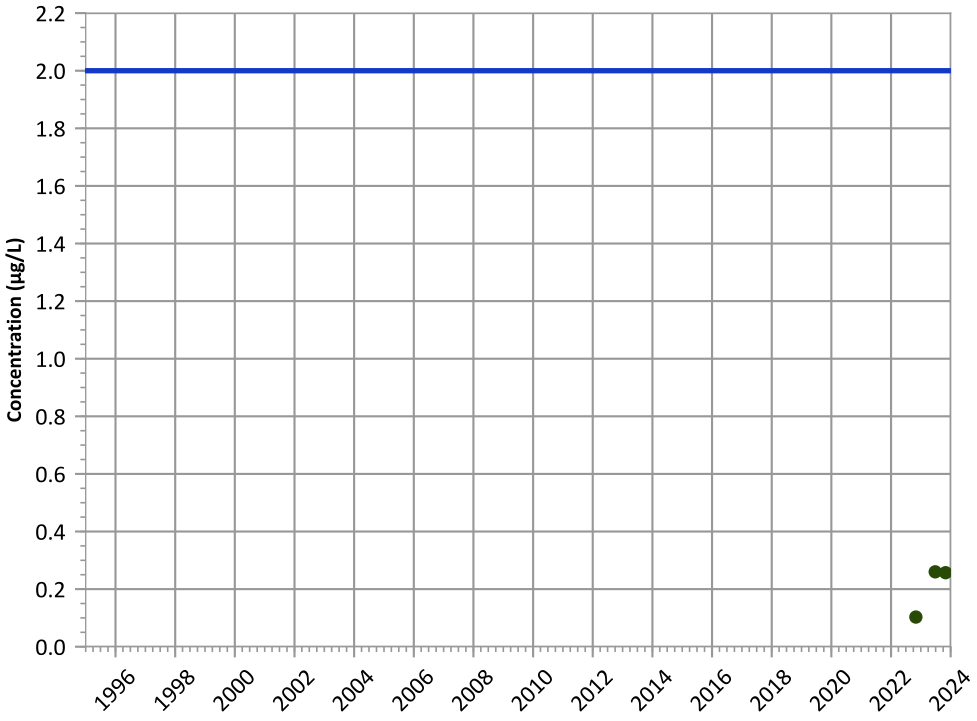


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

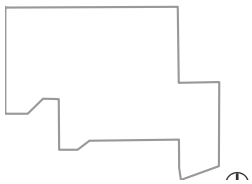
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

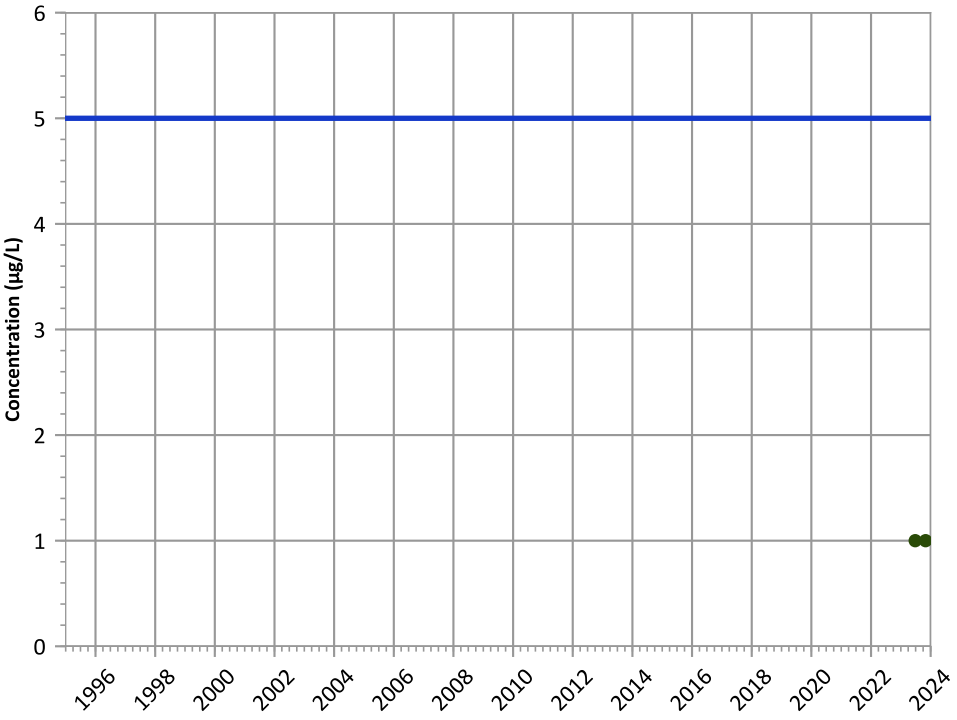
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

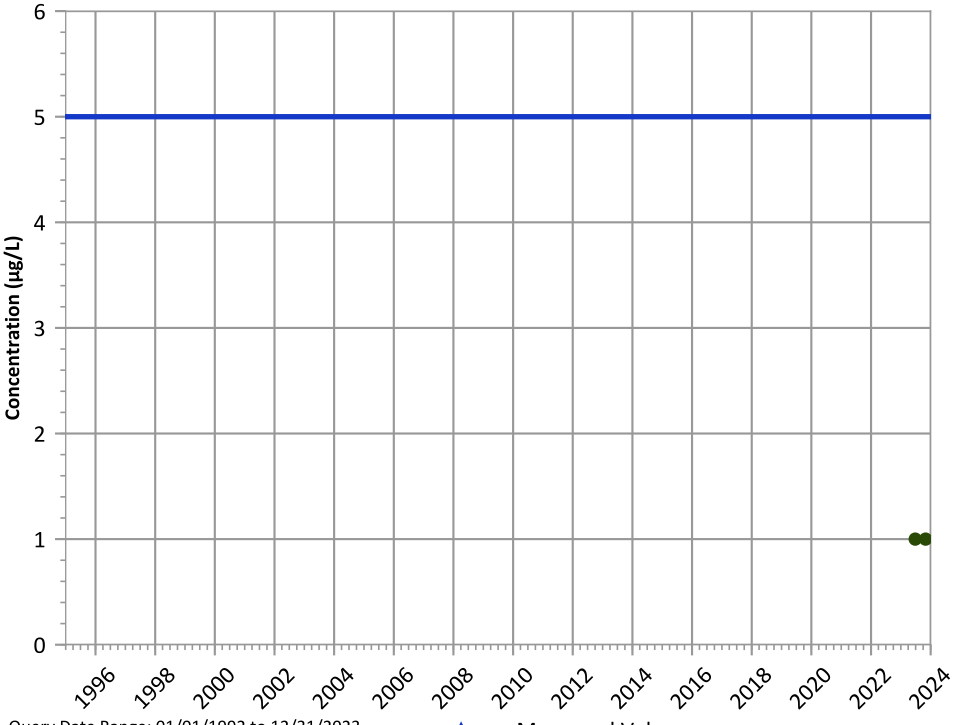


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

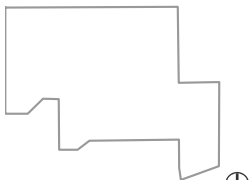
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

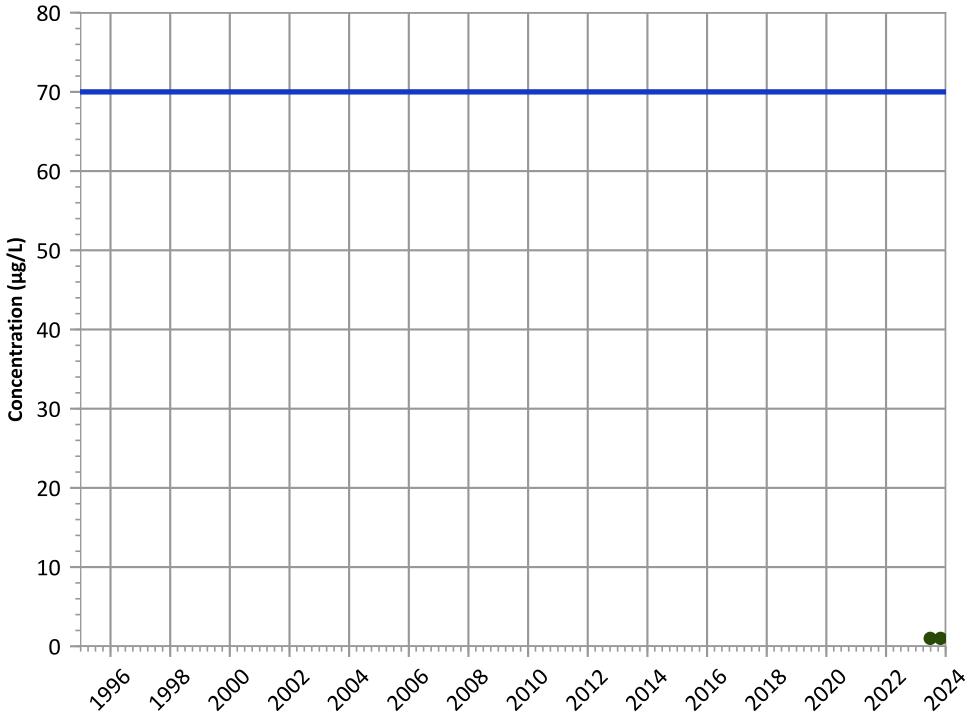
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

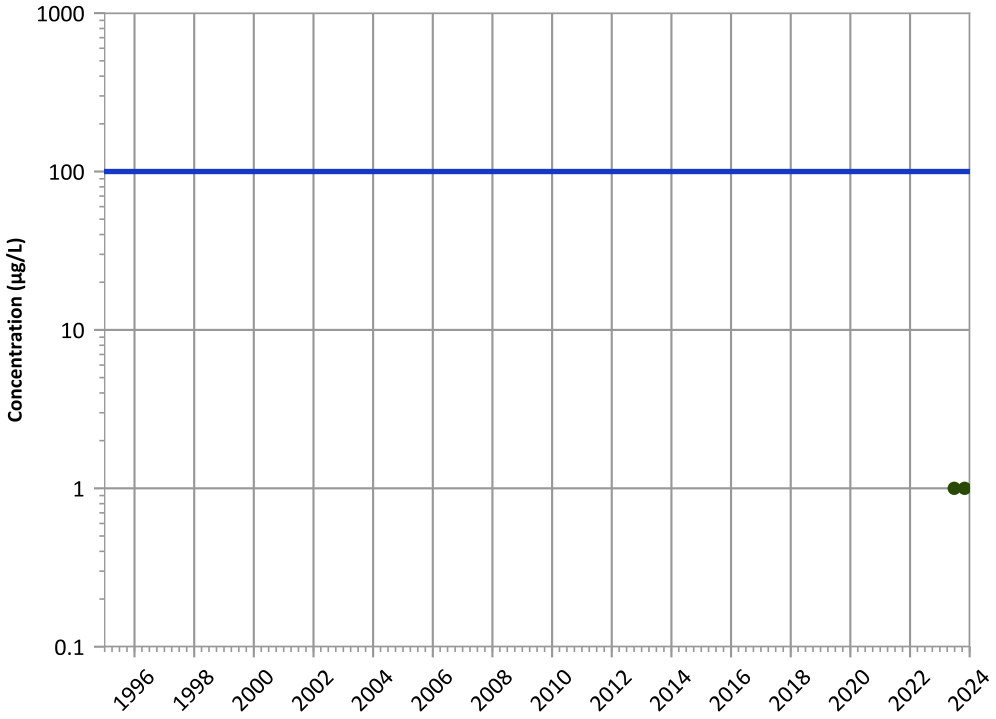


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

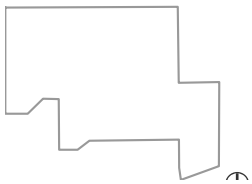
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

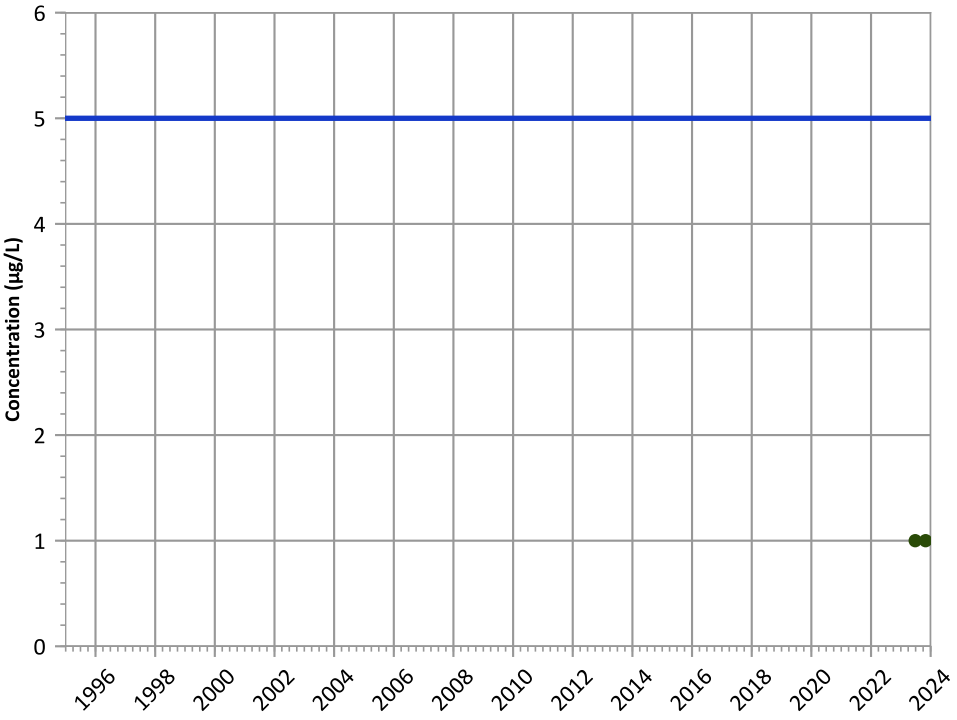
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

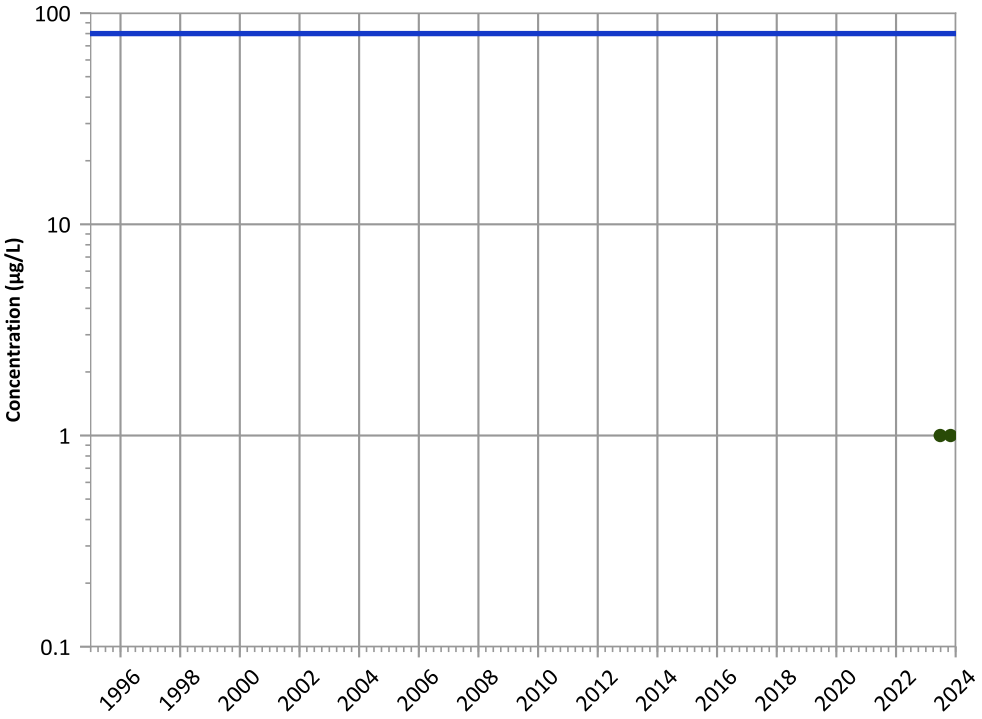


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

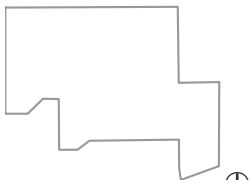
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

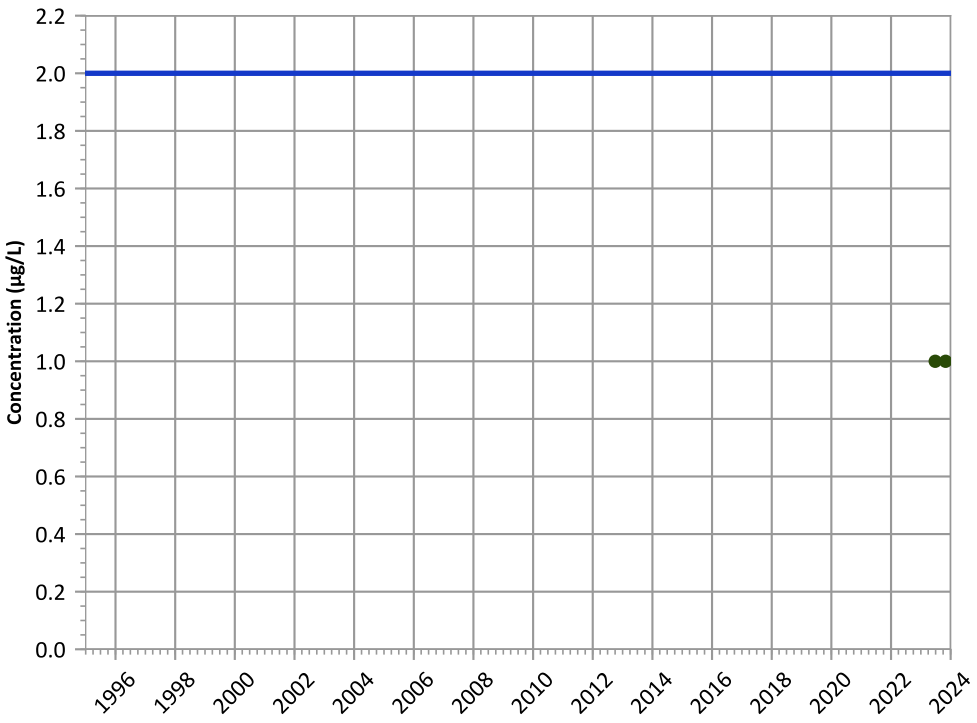
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

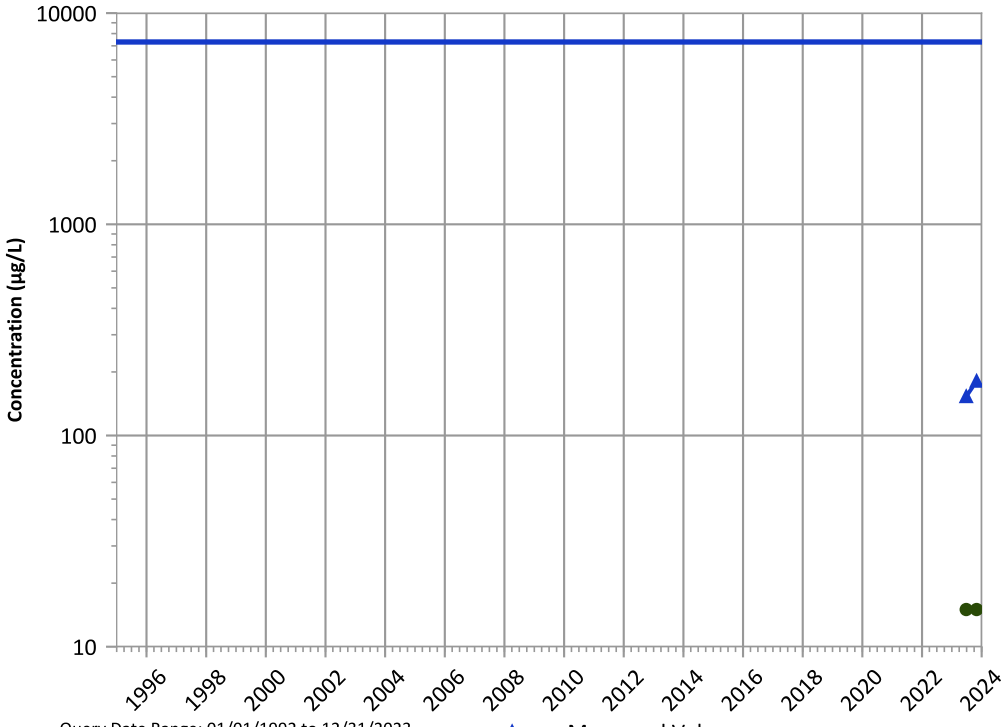


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
All Non-Detect

Boron Trend

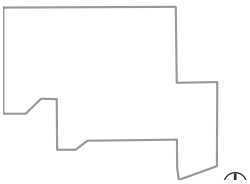


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Well Location

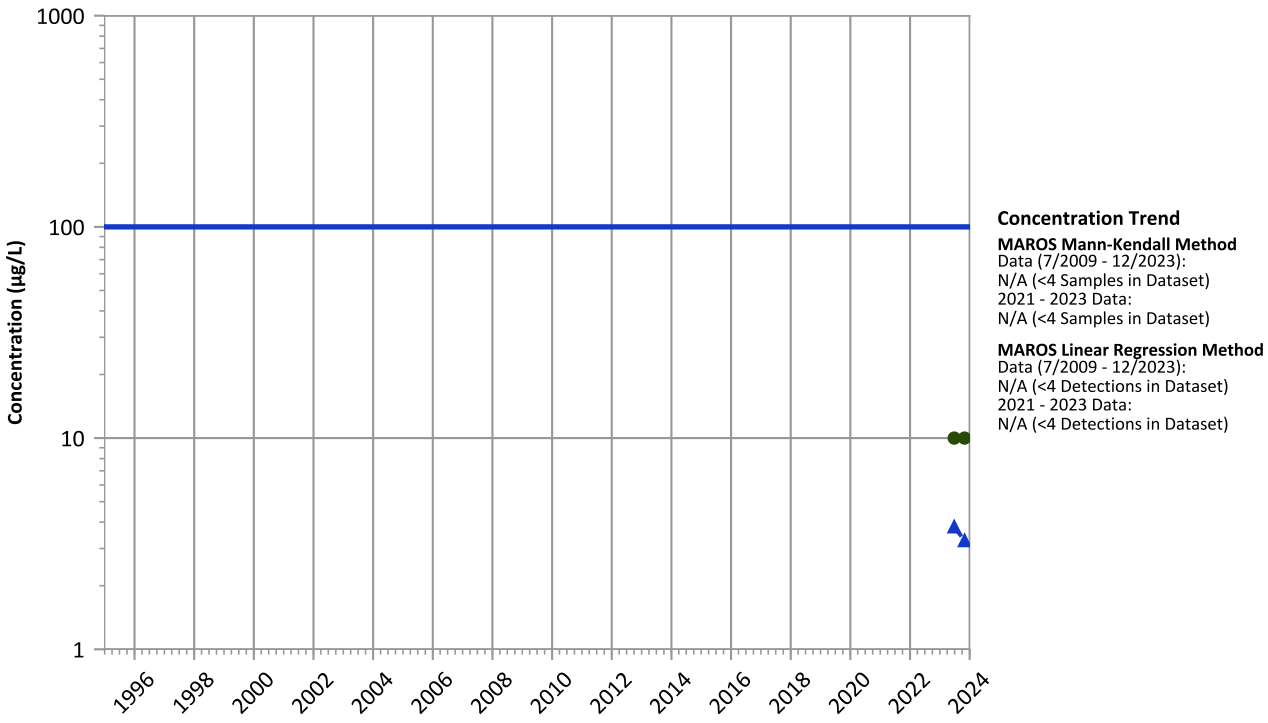


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1215 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

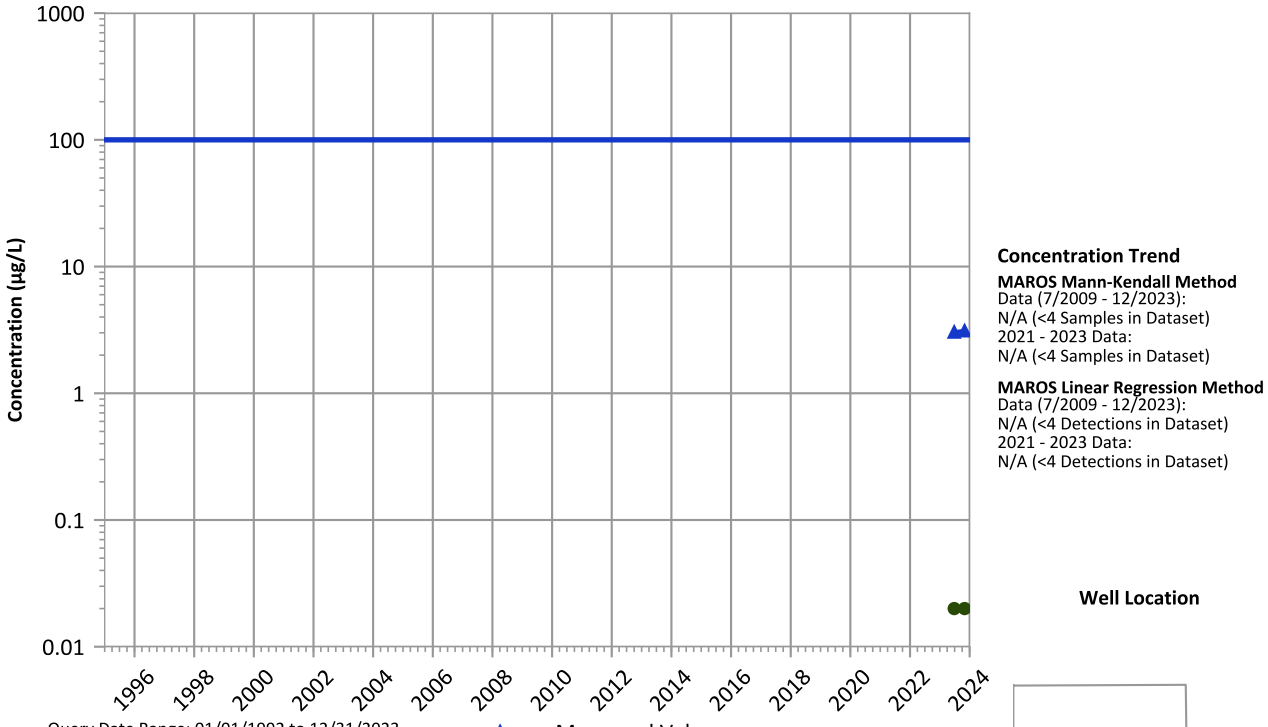


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

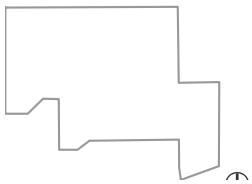
MAROS Mann-Kendall Method
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)
2021 - 2023 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)
2021 - 2023 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/01/2022 to 10/31/2023
Analysis Date: 04/01/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



Ogallala Aquifer Well Analyte Concentration Trends

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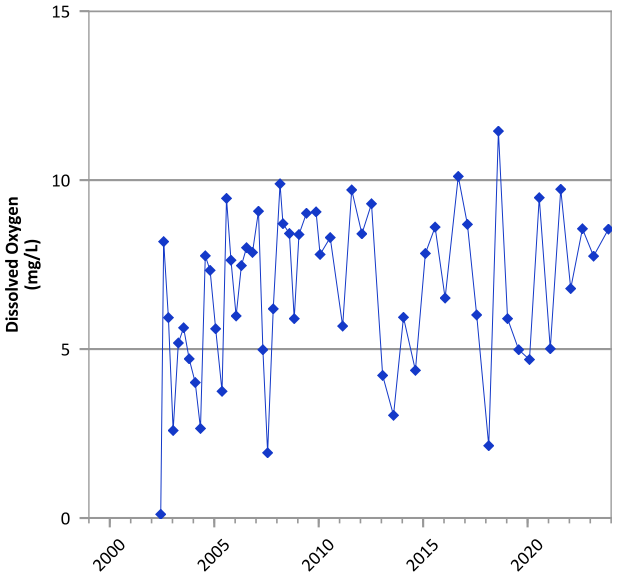
Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
PTX01-1010	630576.88	3771397.26	RDX	4/26/2000	11/15/2023	1	60	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	HMX	4/26/2000	11/15/2023	0	61	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TNT	4/26/2000	11/15/2023	0	61	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT24	4/26/2000	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT26	4/26/2000	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT2A	4/26/2000	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT4A	4/26/2000	11/15/2023	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TNB135	4/26/2000	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNB13	4/26/2000	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DIOXANE14	2/21/2002	11/15/2023	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	PCE	4/26/2000	11/15/2023	0	62	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TCE	4/26/2000	11/15/2023	0	62	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DCE12C	4/26/2000	11/15/2023	0	62	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DCA12	4/26/2000	11/15/2023	0	54	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TCLME	4/26/2000	11/15/2023	0	52	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	PERC	11/1/2001	11/15/2023	8	52	No	0.090755432	0.00	0.650429011	Stable	4	0	No	0.039034898	0.00	0.562742823	No Trend	8	21	No	0.090755432	0.00	0.650429011	Stable	4	6	No	0.126173382	0.00	0.526929128	No Trend
PTX01-1010	630576.88	3771397.26	B	4/26/2000	11/15/2023	53	0	No	0.121950694	0.00	0.999939108	Decreasing	4	0	No	0.040174324	0.00	0.999346936	Increasing	29	0	No	0.099850607	0.00	0.981638062	Decreasing	10	0	No	0.098849955	0.00	0.963367609	Decreasing
PTX01-1010	630576.88	3771397.26	MN	4/26/2000	11/15/2023	29	19	No	3.876825	0.00	0.744941962	No Trend	4	0	No	0.583163073	0.00	0.722429865	No Trend	20	2	No	0.653854153	0.00	0.658225727	No Trend	9	1	No	0.544439011	0.00	0.858007212	Stable
PTX01-1010	630576.88	3771397.26	AS	4/26/2000	11/15/2023	18	18	No	0.288478104	0.00	1	Decreasing	4	0	No	0.16012871	0.00	0.714575123	No Trend	14	6	No	0.172710985	0.00	0.980557351	Increasing	8	2	No	0.12920645	0.00	0.863572424	No Trend
PTX01-1010	630576.88	3771397.26	BA	4/26/2000	11/15/2023	55	0	No	0.094271062	0.00	0.959731959	Increasing	4	0	No	0.042131983	0.00	0.762209886	No Trend	23	0	No	0.063195191	0.00	1	Decreasing	10	0	No	0.073243704	0.00	0.937360582	Probably Decreasing
PTX01-1011	629986.45	3771397.29	RDX	1/28/2002	7/26/2023	2	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1011	629986.45	3771397.29	HMX	1/28/2002	7/26/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TNT	1/28/2002	7/26/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT24	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT26	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT2A	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT4A	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TNB135	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNB13	1/28/2002	7/26/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DIOXANE14	8/1/2002	7/26/2023	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	PCE	1/28/2002	7/26/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TCE	1/28/2002	7/26/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DCE12C	1/28/2002	7/26/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DCA12	1/28/2002	7/26/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TCLME	1/28/2002	7/26/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	PERC	1/28/2002	7/26/2023	9	37	No	1.254278944	0.00	0.954477378	Decreasing	4	0	No	0.044155757	0.00	0.694940406	Stable	9	20	No	1.254278944	0.00	0.954477378	Decreasing	5	5	Yes	1.237668717	0.00	0.915289891	Probably Decreasing
PTX01-1011	629986.45	3771397.29	B	1/28/2002	7/26/2023	42	0	No	0.085288396	0.00	0.979059299	Decreasing	4	0	No	0.067539045	0.00	0.545400749	No Trend	29	0	No	0.073152919	0.00	1	Decreasing	10	0	No	0.071943503	0.00	0.633474196	Stable
PTX01-1011	629986.45	3771397.29	MN	1/28/2002	7/26/2023	19	18	No	2.011490918	0.00	0.827650347	No Trend	4	0	No	0.882752484	-0.01	0.954353089	Decreasing	9	13	No	1.276825889	0.00	0.697480489	No Trend	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1011	629986.45	3771397.29	AS	1/28/2002	7/26/2023	21	8	No	0.14614738	0.00	0.873085537	No Trend	4	0	No	0.189237913	0.00	0.649034671	Stable	17	3	No	0.141153491	0.00	0.812841718	No Trend	9	1	No	0.091230407	0.00	0.970586867	Increasing
PTX01-1011	629986.45	3771397.29	BA	1/28/2002	7/26/2023	40	0	No	0.076870471	0.00	0.996471211	Decreasing	4	0	No	0.018975332	0.00	0.578107401	No Trend	23	0	No	0.042360575	0.00	0.94613647	Probably Increasing	10	0	No	0.040355626	0.00	0.969258037	Increasing
PTX01-1012	632664.21	3773264.13	RDX	4/28/2003	2/6/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	HMX	4/28/2003	2/6/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TNT	4/28/2003	2/6/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT24	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT26	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT2A	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT4A	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TNB135	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNB13	4/28/2003	2/6/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DIOXANE14	4/28/2003	2/6/2023	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	PCE	6/1/2000	2/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TCE	6/1/2000	2/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DCE12C	6/1/2000	2/6/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DCA12	6/1/2000	2/6/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TCLME	6/1/2000	2/6/2023	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	PERC	4/28/2003	2/6/2023	4	35	No	0.201953211	0.00	0.911365575	Probably Decreasing	4	0	No	0.201953211	0.00	0.911365575	Probably Decreasing	4	21	No	0.201953211	0.00	0.911365575	Probably Decreasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1012	632664.21	3773264.13	B	4/28/2003	2/6/2023	35	0	No	0.077861341	0.00	1	Increasing	4	0	No	0.050785743	0.00	0.889976018	No Trend	25	0	No	0.081540126	0.00	0.888284167	No Trend	8	0	No	0.050324651	0.00	0.733256088	No Trend
PTX01-1012	632664.21	3773264.13	MN	4/28/2003	2/6/2023	19	11	No	0.73013642	0.00	1	Decreasing	4	0	No	0.43154475	0.00	0.824922565	No Trend	10	8	No	0.795448745	0.00	1	Increasing	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1012	632664.21	3773264.13	AS	4/28/2003	2/6/2023	14	7	No	0.192093913	0.00	1	Increasing	4	0	No	0.12633342	0.00	0.612240378	Stable	12	3	No	0.173247474	0.00	0.983770015	Increasing	7	1	No	0.100115334	0.00	0.936878212	Probably Increasing
PTX01-1012	632664.21	3773264.13	BA	4/28/2003	2/6/2023	32	0	No	0.079357834	0.00	0.999999226	Decreasing	4	0	No	0.057653581	0.00	0.576214863	No Trend	18	0	No	0.050928471	0.00	1	Increasing	8	0	No	0.043851652	0.00	1	Increasing
PTX01-1013	628976.89	3773218.25	RDX	6/8/2000	1/31/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	HMX	6/8/2000	1/31/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TNT	6/8/2000	1/31/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT24	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT26	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT2A	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT4A	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TNB135	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNB13	6/8/2000	1/31/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DIOXANE14	11/20/2002	1/31/2023	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	PCE	6/1/2000	1/31/2023	0	58	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TCE	6/1/2000	1/31/2023	1	57	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1013	628976.89	3773218.25	DCE12C	6/1/2000	1/31/2023	0	57	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DCA12	6/1/2000	1/31/2023	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TCLME	6/1/2000	1/31/2023	0	48	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	PERC	8/21/2001	1/31/2023	4	51	No	0.037221115	0.00	0.730101697	Stable	4	0	No	0.037221115	0.00	0.730101697	Stable	4	21	No	0.037221115	0.00	0.730101697	Stable	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1013	628976.89	3773218.25	B	6/8/2000	1/31/2023	48	0	No	0.147187758	0.00	0.995746473	Decreasing	4	0	No	0.130293813	0.00	0.968640232	Increasing	25	0	No	0.185040453	0.00	0.934355345	Probably Decreasing	8	0	No	0.23657002	0.00	0.657097347	Stable
PTX01-1013	628976.89	3773218.25	MN	6/8/2000	1/31/2023	24	19	No	3.649989352	0.00	0.995260431	Decreasing	4	0	No	0.658528632	0.00	0.601452349	Stable	6	12	No	0.638267469	0.00	0.783625045	Stable	4	4	Yes	0.658528632	0.00	0.790106353	Stable
PTX01-1013	628976.89	3773218.25	AS	6/8/2000	1/31/2023	17	13	No	0.402651905	0.00	0.891828482	Stable	4	0	No	0.223147805	0.00	0.946734802	Probably Increasing	12	3	No	0.191300463	0.00	0.997400996	Increasing	7	1	No	0.102158309	0.00	0.789564826	No Trend
PTX01-1013	628976.89	3773218.25	BA	6/8/2000	1/31/2023	49	0	No	0.061086548	0.00	1	Decreasing	4	0	No	0.018423507	0.00	0.759049485	No Trend	18	0	No	0.049602236	0.00	0.994407434	Increasing	8	0	No	0.050236787	0.00	0.88109529	No Trend
PTX06-1043	640711.00	3765225.21	RDX	10/14/1999	7/25/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	HMX	10/14/1999	7/25/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TNT	10/14/1999	7/25/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT24	10/14/1999	7/25/2023	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT26	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT2A	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT4A	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TNB135	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNB13	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	PCE	10/14/1999	7/25/2023	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TCE	10/14/1999	7/25/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DCE12C	2/12/2002	7/25/2023	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DCA12	10/14/1999	7/25/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TCLME	10/14/1999	7/25/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	PERC	10/14/1999	7/25/2023	9	31	No	1.909724953	0.00	0.999999569	Decreasing	4	0	No	0.064449491	0.00	0.867145454	Stable	8	21	No	0.08195012	0.00	0.71840863	Stable	4	6	No	0.107199192	0.00	0.936956471	Probably Decreasing
PTX06-1043	640711.00	3765225.21	B	10/14/1999	7/25/2023	41	0	No	0.067433568	0.00	1	Increasing	4	0	No	0.032239878	0.00	0.524408334	No Trend	29	0	No	0.054779914	0.00	1	Increasing	10	0	No	0.058704612	0.00	0.633707248	No Trend
PTX06-1043	640711.00	3765225.21	CR	10/14/1999	7/25/2023	29	13	No	0.393960742	0.00	0.987897253	Increasing	4	0	No	0.221917823	0.00	0.951375198	Decreasing	17	12	No	0.382800469	0.00	0.669468328	No Trend	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1043	640711.00	3765225.21	CR-6	10/14/1999	7/25/2023	20	23	No	0.731322686	0.00	0.997056584	Decreasing	4	0	No	0.075142005	0.00	0.996362315	Decreasing	18	11	No	0.636558167	0.00	0.998949988	Decreasing	10	0	No	0.082521721	0.00	0.923851876	Probably Decreasing
PTX06-1043	640711.00	3765225.21	MN	10/14/1999	7/25/2023	15	27	No	1.182184878	0.00	0.904568977	Probably Decreasing	4	0	No	0.539832064	0.00	0.681513137	No Trend	9	20	No	0.71382476	0.00	0.914994834	Probably Increasing	5	5	Yes	0.974867255	0.00	0.87474858	No Trend
PTX06-1043	640711.00	3765225.21	NI	10/14/1999	7/25/2023	28	14	No	1.083860861	0.00	0.997118278	Decreasing	4	0	No	0.221978272	0.00	0.53705164	No Trend	22	7	No	0.403374385	0.00	0.95508144	Increasing	6	4	No	0.527061525	0.00	0.628960716	No Trend
PTX06-1043	640711.00	3765225.21	MO	10/14/1999	7/25/2023	41	1	No	0.393717259	0.00	0.984759228	Decreasing	4	0	No	0.036701061	0.00	0.951268865	Decreasing	29	0	No	0.052257678	0.00	0.995829088	Increasing	10	0	No	0.052371208	0.00	0.637458656	No Trend
PTX06-1043	640711.00	3765225.21	AS	10/14/1999	7/25/2023	22	7	No	0.178689885	0.00	0.995932235	Increasing	4	0	No	0.14604978	0.00	0.876968992	Stable	17	2	No	0.121638878	0.00	0.771285925	No Trend	10	0	No	0.122823118	0.00	0.742779985	No Trend
PTX06-1043	640711.00	3765225.21	BA	10/14/1999	7/25/2023	35	0	No	0.074090442	0.00	0.998752567	Increasing	4	0	No	0.031701083	0.00	0.597340794	No Trend	22	0	No	0.075656575	0.00	0.99996379	Increasing	10	0	No	0.04332464	0.00	0.79043166	No Trend
PTX06-1043	640711.00	3765225.21	FE	10/14/1999	7/25/2023	28	14	No	0.72264323	0.00	0.958719673	Increasing	4	0	No	0.58801463	0.00	0.607694555	Stable	19	10	No	0.573662816	0.00	0.993580888	Increasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1043	640711.00	3765225.21	V	10/14/1999	7/25/2023	40	0	No	0.061533683	0.00	0.99999921	Increasing	4	0	No	0.029562826	0.00	0.893251814	No Trend	29	0	No	0.044849917	0.00	0.987448393	Increasing	10	0	No	0.0394938	0.00	0.976693192	Increasing
PTX06-1044	642706.18	3764538.54	RDX	10/13/1999	10/24/2023	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	HMX	10/13/1999	10/24/2023	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TNT	10/13/1999	10/24/2023	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT24	10/13/1999	10/24/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT26	10/13/1999	10/24/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT2A	10/13/1999	10/24/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT4A	10/13/1999	10/24/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TNB135	1/25/2000	10/24/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNB13	10/13/1999	10/24/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	PCE	10/13/1999	10/24/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TCE	10/13/1999	10/24/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DCE12C	8/1/2002	10/24/2023	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DCA12	10/13/1999	10/24/2023	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TCLME	10/13/1999	10/24/2023	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	PERC	10/13/1999	10/24/2023	9	40	No	1.560147095	0.00	0.999999908	Decreasing	4	0	No	0.098707261	0.00	0.909797771	Probably Decreasing	8	21	No	0.084064879	0.00	0.922922894	Probably Decreasing	4	6	No	0.04851486	0.00	0.694735166	No Trend
PTX06-1044	642706.18	3764538.54	B	10/13/1999	10/24/2023	47	0	No	0.099083191	0.00	1	Increasing	4	0	No	0.058451505	0.00	0.66598258	No Trend	29	0	No	0.069746633	0.00	0.899200225	No Trend	10	0	No	0.086778306	0.00	0.929047803	Probably Increasing
PTX06-1044	642706.18	3764538.54	CR	10/13/1999	10/24/2023	47	3	No	3.308308078	0.00	0.988962422	Decreasing	4	0	No	0.068298112	0.00	0.830691948	No Trend	26	3	No	0.34252404	0.00	0.979209813	Decreasing	9	1	No	0.39468975	0.00	0.964112865	Decreasing
PTX06-1044	642706.18	3764538.54	CR-6	10/13/1999	10/24/2023	21	27	No	0.543885661	0.00	0.999999828	Decreasing	4	0	No	0.044120555	0.00	0.81087767	Stable	18	11	No	0.392862182	0.00	0.99769169	Decreasing	9	1	No	0.124862904	0.00	0.632980252	No Trend
PTX06-1044	642706.18	3764538.54	MN	10/13/1999	10/24/2023	18	28	No	0.645267291	0.00	0.999646545	Decreasing	4	0	No	0.215084264	0.00	0.669446425	No Trend	8	21	No	0.348144068	0.00	0.587498503	No Trend	0	10	No	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	NI	10/13/1999	10/24/2023	33	15	No	2.110538901	0.00	0.999917755	Decreasing	4	0	No	0.308209839	0.00	0.916617004	Probably Decreasing	17	12	No	0.274060281	0.00	0.764722223	Stable	4	6	No	0.308209839	0.00	0.856520739	Stable
PTX06-1044	642706.18	3764538.54	MO	10/13/1999	10/24/2023	46	0	No	0.194486073	0.00	0.999629918	Decreasing	4	0	No	0.052900915	0.00	0.788380962	Stable	29	0	No	0.065847313	0.00	0.979036956	Decreasing	10	0	No	0.043680857	0.00	0.658950033	No Trend
PTX06-1044	642706.18	3764538.54	AS	10/13/1999	10/24/2023	26	4	No	0.229601287	0.00	0.932720594	Probably Increasing	4	0	No	0.091647745	0.00	1	Decreasing	18	1	No	0.191336266	0.00	0.994781368	Increasing	10	0	No	0.122675315	0.00	0.87961272	No Trend
PTX06-1044	642706.18	3764538.54	BA	10/13/1999	10/24/2023	40	0	No	0.069688065	0.00	0.99993841	Decreasing	4	0	No	0.081881865	0.00	0.882958568	Stable	22	0	No	0.067721518	0.00	0.990486222	Decreasing	10	0	No	0.047669002	0.00	0.778308987	Stable
PTX06-1044	642706.18	3764538.54	FE	10/13/1999	10/24/2023	33	13	No	2.844168331	0.00	1	Decreasing	4	0	No	0.384453921	0.00	0.966049963	Decreasing	16	13	No	0.46736967	0.00	0.991551135	Decreasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1044	642706.18	3764538.54	V	10/13/1999	10/24/2023	42	0	No	0.065287733	0.00	1	Increasing	4	0	No	0.085749426	0.00	0.726163346	Stable	29	0	No	0.049429762	0.00	1	Decreasing	10	0	No	0.036577214	0.00	1	Decreasing
PTX06-1056	643767.03	3754642.87	RDX	8/20/2001	8/1/2023	4	55	No	0.462783581	0.00	0.999564216	Increasing	4	0	No	0.462783581	0.00	0.999564216	Increasing	4	37	No	0.462783581	0.00	0.999564216	Increasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	HMX	8/20/2001	8/1/2023	1	59	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	42	No	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	TNT	8/20/2001	8/1/2023	0	60	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	42	No	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT24	8/20/2001	8/1/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	42	No	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT26	8/20/2001	8/1/2023	3	52	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT2A	8/20/2001	8/1/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	42	No	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT4A	8/20/2001	8/1/2023	34	22	No	0.8546639	0.00	1	Increasing	4	0	No	0.208258224	0.00	0.955535151	Increasing	34	9	No	0.8546639	0.00	1	Increasing	16	0	No	0.312513133	0.00	0.999999747	Increasing
PTX06-1056	643767.03	3754642.87	TNB135	8/20/2001	8/1/2023	0	54	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	41	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNB13	8/20/2001	8/1/2023	0	55	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	42	No	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	PCE	8/9/2000	8/1/2023	1	56	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	TCE	8/9/2000	8/1/2023	1	57	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	38	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DCE12C	8/20/2001	8/1/2023	0	56	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DCA12	8/9/2000	8/1/2023	25	28	No	0.294092878	0.00	0.999900879	Increasing	4	0	No	0.234146453	0.00	1	Increasing	25	13	No	0.294092878	0.00	0.999900879	Increasing	16	0	No	0.189875133	0.00	0.999835939	Increasing
PTX06-1056	643767.03	3754642.87	TCLME	8/9/2000	8/1/2023	0	52	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	B	8/20/2001	8/1/2023	44	0	No	0.118147336	0.00	0.986936022	Decreasing	4	0	No	0.091011153	0.00	0.611070581	Stable	29	0	No	0.10660107	0.00	0.976652691	Decreasing	10	0	No	0.11756357	0.00	0.93982424	Probably Decreasing
PTX06-1056	643767.03	3754642.87	CR	8/20/2001	8/1/2023	24	20	No	0.516586594	0.00	0.950691553	Increasing	4	0	No	0.216513239	0.00	0.622797524	Stable	14	15	No	0.37916014	0.00	0.676490477	Stable	4	6	No	0.185824246	0.00	0.878655909	No Trend
PTX06-1056	643767.03	3754642.87	CR-6	8/20/2001	8/1/2023	18	27	No	0.471565955	0.00	0.878996018	No Trend	4	0	No	0.142857648	0.00	0.683497991	No Trend	17	12	No	0.428875215	0.00	0.863421295	Stable	10	0	No	0.493166289	0.00	0.990714178	Increasing
PTX06-1056	643767.03	3754642.87	MN	8/20/2001	8/1/2023	14	29	No	1.298354371	0.00	0.998267701	Decreasing	4	0	No	0.146942477	0.00	0.864149469	No Trend	5	25	No	0.228887977	0.00	1	Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1056	643767.03	3754642.87	NI	8/20/2001	8/1/2023	30	12	No	0.781661251	0.00	0.990000025	Decreasing	4	0	No	0.226859693	0.00	1	Decreasing	20	9	No	0.317186473	0.00	0.60987508	Stable	6	4	No	0.361336261	0.00	0.574300452	No Trend
PTX06-1056	643767.03	3754642.87	MO	8/20/2001	8/1/2023	41	1	No	0.087683822	0.00	1	Increasing	4	0	No	0.047771831	0.00	0.976327313	Decreasing	29	0	No	0.057131914	0.00	0.994346665	Increasing	10	0	No	0.022286965	0.00	1	Decreasing

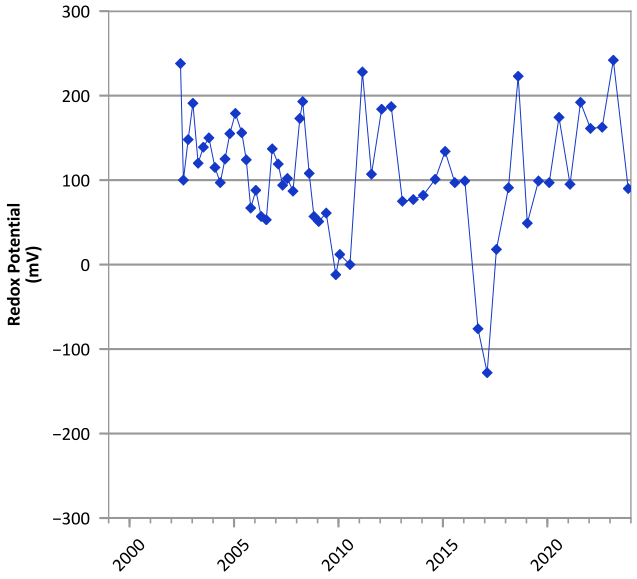
Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1056	643767.03	3754642.87	AS	8/20/2001	8/1/2023	26	2	No	0.283272294	0.00	0.998681941	Increasing	4	0	No	0.229933115	0.00	0.555774483	No Trend	20	1	No	0.21263589	0.00	0.913867756	Probably Increasing	9	1	No	0.127053309	0.00	0.850655266	No Trend
PTX06-1056	643767.03	3754642.87	BA	8/20/2001	8/1/2023	37	0	No	0.207169361	0.00	1	Increasing	4	0	No	0.047426696	0.00	0.759709263	Stable	23	0	No	0.090163236	0.00	0.99997414	Increasing	10	0	No	0.029222792	0.00	0.874178389	No Trend
PTX06-1056	643767.03	3754642.87	FE	8/20/2001	8/1/2023	23	19	No	0.488484812	0.00	0.836006636	No Trend	4	0	No	0.204575801	0.00	0.754611255	Stable	14	15	No	0.447749055	0.00	0.98296155	Decreasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1056	643767.03	3754642.87	V	8/20/2001	8/1/2023	38	0	No	0.126194788	0.00	0.970756172	Increasing	4	0	No	0.04681867	0.00	0.792554255	Stable	29	0	No	0.11218574	0.00	0.749438793	No Trend	10	0	No	0.044624414	0.00	0.984064985	Increasing
PTX06-1057A	629630.04	3768142.23	RDX	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	HMX	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TNT	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT24	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT26	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT2A	8/13/2001	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT4A	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TNB135	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNB13	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DIOXANE14	8/13/2001	4/17/2023	0	14	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	PCE	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TCE	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DCE12C	8/13/2001	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DCA12	8/13/2001	4/17/2023	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TCLME	8/13/2001	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	PERC	8/13/2001	4/17/2023	5	26	No	0.061897876	0.00	0.67030471	Stable	4	0	No	0.065423468	0.00	0.557967389	No Trend	5	9	No	0.061897876	0.00	0.67030471	Stable	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	B	8/13/2001	4/17/2023	27	0	No	0.101217236	0.00	1	Decreasing	4	0	No	0.063719196	0.00	0.682858626	Stable	14	0	No	0.05999405	0.00	1	Increasing	5	0	No	0.051451777	0.00	0.686399385	No Trend
PTX06-1057A	629630.04	3768142.23	MN	8/13/2001	4/17/2023	22	5	No	2.117375683	0.00	0.999966674	Decreasing	4	0	No	0.3811744	0.00	0.929744462	Probably Decreasing	7	5	No	0.624664398	0.00	0.955537282	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	AS	8/13/2001	4/17/2023	14	5	No	0.397459243	0.00	0.998183778	Decreasing	4	0	No	0.087005059	0.00	0.943681426	Probably Increasing	10	0	No	0.185983228	0.00	0.974920039	Increasing	5	0	No	0.145735165	0.00	0.591808578	No Trend
PTX06-1057A	629630.04	3768142.23	BA	8/13/2001	4/17/2023	30	0	No	0.39231835	0.00	0.996298744	Decreasing	4	0	No	0.047179524	0.00	0.972275954	Increasing	13	0	No	0.037845609	0.00	0.921638654	Probably Increasing	5	0	No	0.010904406	0.00	1	Increasing
PTX06-1058	624894.00	3759747.11	RDX	4/4/2001	7/17/2023	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	HMX	4/4/2001	7/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNT	4/4/2001	7/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT24	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT26	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT2A	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT4A	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNB135	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNB13	4/4/2001	7/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DIOXANE14	8/13/2001	7/17/2023	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	PCE	4/4/2001	7/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TCE	4/4/2001	7/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCE12C	8/13/2001	7/17/2023	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCA12	4/4/2001	7/17/2023	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TCLME	4/4/2001	7/17/2023	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	PERC	4/4/2001	7/17/2023	4	27	No	0.042132504	0.00	1	Decreasing	4	0	No	0.042132504	0.00	1	Decreasing	4	10	No	0.042132504	0.00	1	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1058	624894.00	3759747.11	B	4/4/2001	7/17/2023	27	0	No	0.086633329	0.00	0.952129548	Increasing	4	0	No	0.027012	0.00	0.720366958	No Trend	14	0	No	0.058833859	0.00	0.896678494	No Trend	5	0	No	0.057217448	0.00	0.867059033	Stable
PTX06-1058	624894.00	3759747.11	CR	4/4/2001	7/17/2023	27	4	No	2.765497811	0.00	0.956436793	Increasing	4	0	No	1.032110663	0.01	0.877151972	No Trend	10	3	No	0.892630334	0.00	0.565742314	Stable	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1058	624894.00	3759747.11	MN	4/4/2001	7/17/2023	19	9	No	1.838091569	0.00	1	Decreasing	4	0	No	1.725704019	0.01	0.924102949	Probably Increasing	12	1	No	2.085659559	0.00	0.676457864	No Trend	5	0	No	0.485561128	0.00	0.880729587	No Trend
PTX06-1058	624894.00	3759747.11	NI	4/4/2001	7/17/2023	21	7	No	1.481085991	0.00	0.788890179	No Trend	4	0	No	1.172295687	0.01	0.861532657	No Trend	11	2	No	1.401733854	0.00	0.723915786	No Trend	4	1	No	1.410196724	0.00	0.7896466	No Trend
PTX06-1058	624894.00	3759747.11	MO	4/4/2001	7/17/2023	27	0	No	0.10256371	0.00	1	Decreasing	4	0	No	0.161405298	0.00	0.840336989	No Trend	12	0	No	0.103398633	0.00	0.909683988	Probably Increasing	5	0	No	0.052795319	0.00	0.987182057	Decreasing
PTX06-1058	624894.00	3759747.11	AS	4/4/2001	7/17/2023	19	1	No	0.175057147	0.00	0.908091463	Probably Increasing	4	0	No	0.101265115	0.00	0.963731872	Increasing	11	0	No	0.149443331	0.00	0.88887192	No Trend	5	0	No	0.165418284	0.00	0.907757856	Probably Increasing
PTX06-1058	624894.00	3759747.11	BA	4/4/2001	7/17/2023	29	0	No	0.12325146	0.00	0.960860503	Increasing	4	0	No	0.215237792	0.00	0.861796277	No Trend	13	0	No	0.152999766	0.00	0.93560033	Probably Increasing	5	0	No	0.052945278	0.00	0.9179583	Probably Increasing
PTX06-1058	624894.00	3759747.11	FE	4/4/2001	7/17/2023	23	5	No	2.557161698	0.00	0.972320578	Increasing	4	0	No	1.767378956	0.01	0.964733046	Increasing	12	1	No	2.15575991	0.00	0.60125058	No Trend	5	0	No	0.766830509	0.00	0.763662328	No Trend
PTX06-1058	624894.00	3759747.11	V	8/13/2001	7/17/2023	23	0	No	0.152617708	0.00	1	Increasing	4	0	No	0.230722782	0.00	0.960053313	Increasing	13	0	No	0.204739304	0.00	0.896279106	No Trend	5	0	No	0.054749228	0.00	0.954048569	Increasing
PTX06-1061	625651.61	3773186.59	RDX	4/28/2003	4/17/2023	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	HMX	4/28/2003	4/17/2023	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TNT	4/28/2003	4/17/2023	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT24	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT26	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT2A	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT4A	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TNB135	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNB13	4/28/2003	4/17/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DIOXANE14	4/28/2003	4/17/2023	0	14	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	PCE	4/28/2003	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TCE	4/28/2003	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DCE12C	4/28/2003	4/17/2023	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DCA12	4/28/2003	4/17/2023	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TCLME	4/28/2003	4/17/2023	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	PERC	4/28/2003	4/17/2023	4	26	No	0.138401352	0.00	0.804841897	Stable	4	0	No	0.138401352	0.00	0.804841897	Stable	4	11	No	0.138401352	0.00	0.804841897	Stable	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	B	4/28/2003	4/17/2023	26	0	No	0.10891829	0.00	0.990154112	Increasing	4	0	No	0.055498873	0.00	1	Decreasing	15	0	No	0.110424138	0.00	0.996747543	Increasing	5	0	No	0.074226682	0.00	0.739302169	No Trend
PTX06-1061	625651.61	3773186.59	MN	4/28/2003	4/17/2023	11	14	No	0.489463461	0.00	0.750651296	Stable	4	0	No	0.396689032	0.00	0.703630091	Stable	7	5	No	0.434199133	0.00	0.541371635	Stable	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	AS	4/28/2003	4/17/2023	7	9	No	0.178300276	0.00	0.666513755	Stable	4	0	No	0.199594097	0.00	0.639140722	Stable	6	3	No	0.19241911	0.00	0.593394664	No Trend	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	BA	4/28/2003	4/17/2023	27	0	No	0.100384309	0.00	1	Decreasing	4	0	No	0.074835509	0.00	0.732347982	No Trend	12	0	No	0.121547375	0.00	0.94488617	Probably Decreasing	5	0	No	0.065984127	0.00	0.664832859	No Trend
PTX06-1062A	633017.18	3771685.22	RDX	8/21/2001	7/26/2023	1	59	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	HMX	8/21/2001	7/26/2023	0	59	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TNT	8/21/2001	7/26/2023	0	59	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT24	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT26	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT2A	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT4A	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TNB135	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNB13	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DIOXANE14	8/2/2002	7/26/2023	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	PCE	8/21/2001	7/26/2023	0	59	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TCE	8/21/2001	7/26/2023	1	59	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DCE12C	8/21/2001	7/26/2023	0	59	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DCA12	8/21/2001	7/26/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TCLME	8/21/2001	7/26/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	PERC	8/21/2001	7/26/2023	7	52	No	0.097503932	0.00	0.802441974	Stable	4	0	No	0.119366673	0.00	0.708274606	Stable	7	21	No	0.097503932	0.00	0.802441974	Stable	4	6	No	0.073717898	0.00	0.777064198	Stable
PTX06-1062A	633017.18	3771685.22	B	8/21/2001	7/26/2023	52	0	No	0.089799264	0.00	1	Decreasing	4	0	No	0.049455595	0.00	0.775573999	No Trend	28	0	No	0.093359815	0.00	1	Decreasing	10	0	No	0.087653753	0.00	0.907272898	Probably Decreasing
PTX06-1062A	633017.18	3771685.22	MN	8/21/2001	7/26/2023	30	16	No	2.041255918	0.00	0.990404417	Decreasing	4	0	No	0.812736127	0.01	0.974290014	Increasing	16	5	No	1.108179562	0.00	0.815637775	No Trend	6	4	No	0.369435287	0.00	0.709220974	No Trend
PTX06-1062A	633017.18	3771685.22	AS	8/21/2001	7/26/2023	19	15	No	0.18972062	0.00	0.95981242	Increasing	4	0	No	0.183038201	0.00	0.951298769	Decreasing	15	4	No	0.17644859	0.00	0.948218749	Probably Increasing	9	1	No	0.139673154	0.00	0.96681423	Increasing
PTX06-1062A	633017.18	3771685.22	BA	8/21/2001	7/26/2023	53	0	No	0.058110136	0.00	0.999624822	Decreasing	4	0	No	0.035366665	0.00	0.876827479	No Trend	22	0	No	0.049143506	0.00	1	Decreasing	10	0	No	0.040012865	0.00	1	Increasing
PTX06-1064	635900.45	3773557.90	RDX	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	HMX	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TNT	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT24	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT26	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT2A	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT4A	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TNB135	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNB13	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DIOXANE14	5/21/2003	11/15/2023	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	PCE	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TCE	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DCE12C	4/21/2003	11/15/2023	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DCA12	4/21/2003	11/15/2023	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TCLME	4/21/2003	11/15/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	PERC	4/21/2003	11/15/2023	4	47	No	0.124508922	0.00	0.943446702	Probably Decreasing	4	0	No	0.124508922	0.00	0.943446702	Probably Decreasing	4	21	No	0.124508922	0.00	0.943446702	Probably Decreasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1064	635900.45	3773557.90	B	4/21/2003	11/15/2023	43	0	No	0.086115062	0.00	1	Increasing	4	0	No	0.066415473	0.00	0.929950185	Probably Increasing	25	0	No	0.086015112	0.00	1	Increasing	8	0	No	0.072166139	0.00	0.756989192	No Trend
PTX06-1064	635900.45	3773557.90	MN	4/21/2003	11/15/2023	16	22	No	0.444957435	0.00	1	Decreasing	4	0	No	0.612254706	0.00	0.921610674	Probably Increasing	7	11	No	0.484597531	0.00	0.834432453	No Trend	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1064	635900.45	3773557.90	AS	4/21/2003	11/15/2023	15	11	No	0.221451778	0.00	0.837490194	No Trend	4	0	No	0.163133055	0.00	0.598782695	No Trend	11	5	No	0.20117734	0.00	0.935489723	Probably Increasing	5	3	No	0.055745114	0.00	0.608039882	Stable
PTX06-1064	635900.45	3773557.90	BA	4/21/2003	11/15/2023	45	0	No	0.065643683	0.00	1	Increasing	4	0	No	0.066423185	0.00	0.734521619	No Trend	19	0	No	0.053026969	0.00	1	Increasing	8	0	No	0.045620733	0.00	0.761239253	Stable
PTX06-1068	643403.70	3773360.30	RDX	11/13/2002	10/24/2023	0	56	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	HMX	11/13/2002	10/24/2023	0	56	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TNT	11/13/2002	10/24/2023	0	56	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT24	11/13/2002	10/24/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT26	11/13/2002	10/24/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT2A	11/13/2002	10/24/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT4A	11/13/2002	10/24/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TNB135	11/13/2002	10/24/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNB13	11/13/2002	10/24/2023	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DIOXANE14	10/22/2014	10/24/2023	1	19	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	19	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1068	643403.70	3773360.30	PCE	8/26/2002	10/24/2023	1	56	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TCE	8/26/2002	10/24/2023	0	57	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DCE12C	8/26/2002	10/24/2023	0	57	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DCA12	8/26/2002	10/24/2023	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TCLME	8/26/2002	10/24/2023	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	PERC	8/26/2002	10/24/2023	8	49	No	0.071561628	0.00	1	Increasing	4	0	No	0.049694879	0.00	0.765261631	No Trend	8	21	No	0.071561628	0.00	1	Increasing	4	6	No	0.089273588	0.00	0.907175732	Probably Increasing
PTX06-1068	643403.70	3773360.30	B	8/26/2002	10/24/2023	49	0	No	0.131402389	0.00	1	Increasing	4	0	No	0.105111227	0.00	0.790888045	No Trend	29	0	No	0.157213803	0.00	0.790797657	Stable	10	0	No	0.066804404	0.00	0.994547527	Increasing
PTX06-1068	643403.70	3773360.30	MN	8/26/2002	10/24/2023	33	16	No	0.698879231	0.00	0.975789477	Decreasing	4	0	No	0.101764641	0.00	0.905400994	Probably Decreasing	17	10	No	0.916661133	0.00	0.752589677	Stable	4	6	No	1.055029425	0.00	0.55023662	No Trend
PTX06-1068	643403.70	3773360.30	AS	8/26/2002	10/24/2023	18	13	No	0.127471675	0.00	0.888551374	Stable	4	0	No	0.069124206	0.00	0.961182829	Increasing	15	4	No	0.123589341	0.00	0.849457485	No Trend	9	1	No	0.143273481	0.00	1	Increasing
PTX06-1068	643403.70	3773360.30	BA	8/26/2002	10/24/2023	46	0	No	0.148978113	0.00	0.999999906	Decreasing	4	0	No	0.029695694	0.00	0.816814139	Stable	22	0	No	0.087408549	0.00	0.810898788	No Trend	10	0	No	0.047646369	0.00	0.918000901	Probably Decreasing
PTX06-1072	635047.45	3758434.63	RDX	9/25/2001	12/4/2023	2	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	HMX	9/25/2001	12/4/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TNT	9/25/2001	12/4/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT24	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT26	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT2A	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT4A	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TNB135	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNB13	9/25/2001	12/4/2023	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DIOXANE14	6/10/2002	12/4/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	PCE	9/25/2001	12/4/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TCE	9/25/2001	12/4/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DCE12C	9/25/2001	12/4/2023	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DCA12	9/25/2001	12/4/2023	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TCLME	9/25/2001	12/4/2023	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	PERC	9/25/2001	12/4/2023	8	31	No	0.139479314	0.00	0.97552508	Increasing	4	0	No	0.123472836	0.00	0.948016793	Probably Increasing	8	21	No	0.139479314	0.00	0.97552508	Increasing	4	6	No	0.14992407	0.00	0.756744942	No Trend
PTX06-1072	635047.45	3758434.63	B	9/25/2001	12/4/2023	38	0	No	0.096294542	0.00	0.96355209	Increasing	4	0	No	0.037610563	0.00	0.569354639	Stable	29	0	No	0.085458337	0.00	0.999044448	Increasing	10	0	No	0.076198201	0.00	0.594290416	Stable
PTX06-1072	635047.45	3758434.63	MN	9/25/2001	12/4/2023	23	9	No	2.745854691	0.00	0.955097847	Decreasing	4	0	No	0.419519711	0.00	0.517120477	Stable	16	6	No	2.830079149	0.00	0.987113244	Decreasing	8	2	No	0.176109257	0.00	0.781099126	Stable
PTX06-1072	635047.45	3758434.63	AS	9/25/2001	12/4/2023	22	5	No	0.285067536	0.00	0.810797226	No Trend	4	0	No	0.057515849	0.00	0.574113277	No Trend	18	2	No	0.190426588	0.00	0.917982457	Probably Increasing	10	0	No	0.127875896	0.00	1	Increasing
PTX06-1072	635047.45	3758434.63	BA	9/25/2001	12/4/2023	33	0	No	0.129350174	0.00	0.999986525	Decreasing	4	0	No	0.057064439	0.00	0.98816542	Decreasing	23	0	No	0.123603464	0.00	0.958762363	Decreasing	10	0	No	0.022602773	0.00	1	Decreasing
PTX06-1076	637327.32	3752978.41	RDX	6/18/2002	12/6/2023	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect

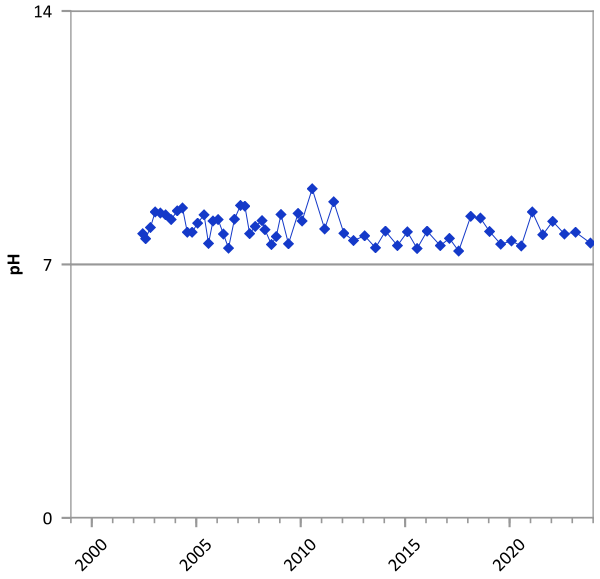
Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1076	637327.32	3752978.41	HMX	6/18/2002	12/6/2023	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TNT	6/18/2002	12/6/2023	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT24	6/18/2002	12/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT26	6/18/2002	12/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT2A	6/18/2002	12/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT4A	6/18/2002	12/6/2023	9	35	No	0.292027957	0.00	0.998810631	Increasing	4	0	No	0.164405091	0.00	0.782827144	No Trend	9	24	No	0.292027957	0.00	0.998810631	Increasing	3	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	TNB135	6/18/2002	12/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNB13	6/18/2002	12/6/2023	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	31	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	PCE	6/18/2002	10/17/2023	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TCE	6/18/2002	10/17/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DCE12C	6/18/2002	10/17/2023	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DCA12	6/18/2002	10/17/2023	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TCLME	6/18/2002	10/17/2023	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	PERC	6/18/2002	10/17/2023	8	34	No	0.086181906	0.00	0.987511524	Decreasing	4	0	No	0.063832208	0.00	1	Decreasing	8	21	No	0.086181906	0.00	0.987511524	Decreasing	4	6	No	0.036624218	0.00	0.616417005	Stable
PTX06-1076	637327.32	3752978.41	B	6/18/2002	10/17/2023	41	0	No	0.090739223	0.00	0.998716966	Decreasing	4	0	No	0.060240745	0.00	0.952363371	Decreasing	29	0	No	0.084931401	0.00	0.900389005	Probably Decreasing	10	0	No	0.074118485	0.00	0.855054809	No Trend
PTX06-1076	637327.32	3752978.41	CR	6/18/2002	10/17/2023	24	21	No	0.513264395	0.00	0.766856289	No Trend	4	0	No	0.193692014	0.00	0.617642179	No Trend	9	20	No	0.431282845	0.00	0.850259543	Stable	0	10	No	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	CR-6	6/18/2002	10/17/2023	16	30	No	1.034397576	0.00	0.994868012	Decreasing	4	0	No	0.081721434	0.00	0.882173677	Stable	14	15	No	0.436799088	0.00	0.940097118	Probably Decreasing	9	1	No	0.178722363	0.00	0.81231068	No Trend
PTX06-1076	637327.32	3752978.41	MN	6/18/2002	10/17/2023	25	18	No	0.998943323	0.00	0.998825699	Decreasing	4	0	No	0.262948678	0.00	0.925664629	Probably Increasing	12	17	No	0.309578314	0.00	0.58579529	Stable	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	NI	6/18/2002	10/17/2023	26	17	No	0.798187524	0.00	0.908078796	Probably Decreasing	4	0	No	0.454514042	0.00	0.581681402	Stable	18	11	No	0.444602148	0.00	0.943126367	Probably Decreasing	4	6	No	0.454514042	0.00	0.585990062	Stable
PTX06-1076	637327.32	3752978.41	MO	6/18/2002	10/17/2023	43	0	No	0.110276989	0.00	0.995738427	Decreasing	4	0	No	0.060820387	0.00	0.982974708	Decreasing	29	0	No	0.048721692	0.00	1	Decreasing	10	0	No	0.03595241	0.00	0.767979214	Stable
PTX06-1076	637327.32	3752978.41	AS	6/18/2002	10/17/2023	26	1	No	0.223300718	0.00	0.999988425	Increasing	4	0	No	0.06060412	0.00	0.712273226	Stable	19	0	No	0.128688728	0.00	0.884466505	No Trend	10	0	No	0.055138647	0.00	0.641614137	No Trend
PTX06-1076	637327.32	3752978.41	BA	6/18/2002	10/17/2023	37	0	No	0.05405664	0.00	0.999673684	Increasing	4	0	No	0.053276383	0.00	0.635013715	Stable	22	0	No	0.05353943	0.00	0.999455001	Increasing	10	0	No	0.033431807	0.00	0.943169565	Probably Increasing
PTX06-1076	637327.32	3752978.41	FE	6/18/2002	10/17/2023	27	16	No	0.508911261	0.00	0.597224384	Stable	4	0	No	0.289966943	0.00	0.760607038	Stable	16	13	No	0.357236456	0.00	0.993839292	Decreasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	V	6/18/2002	10/17/2023	39	0	No	0.047715721	0.00	1	Increasing	4	0	No	0.092107754	0.00	0.811714802	Stable	29	0	No	0.049364851	0.00	1	Decreasing	10	0	No	0.054188556	0.00	0.664248154	No Trend
PTX06-1137A	647900.89	3758635.67	RDX	11/10/2009	10/16/2023	2	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	HMX	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TNT	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT24	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT26	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT2A	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT4A	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TNB135	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNB13	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	PCE	11/10/2009	10/16/2023	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TCE	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DCE12C	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DCA12	11/10/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TCLME	11/10/2009	10/16/2023	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	B	11/10/2009	10/16/2023	29	0	No	0.097771703	0.00	1	Decreasing	4	0	No	0.065034607	0.00	0.864604575	Stable	29	0	No	0.097771703	0.00	1	Decreasing	10	0	No	0.098428151	0.00	0.956163947	Increasing
PTX06-1137A	647900.89	3758635.67	CR	11/10/2009	10/16/2023	12	17	No	0.366816503	0.00	0.921982851	Probably Decreasing	4	0	No	0.122713278	0.00	0.648945862	No Trend	12	17	No	0.366816503	0.00	0.921982851	Probably Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1137A	647900.89	3758635.67	CR-6	11/10/2009	10/16/2023	15	14	No	0.965786735	0.00	0.824389063	Stable	4	0	No	0.051950297	0.00	0.635863796	No Trend	15	14	No	0.965786735	0.00	0.824389063	Stable	10	0	No	0.320129459	0.00	0.953851581	Increasing
PTX06-1137A	647900.89	3758635.67	MN	11/10/2009	10/16/2023	19	10	No	1.242221334	0.00	0.935086961	Probably Decreasing	4	0	No	0.314364657	0.00	0.965306548	Decreasing	19	10	No	1.242221334	0.00	0.935086961	Probably Decreasing	8	2	No	0.485310688	0.00	0.762735444	No Trend
PTX06-1137A	647900.89	3758635.67	NI	11/10/2009	10/16/2023	20	9	No	0.431386772	0.00	0.992698014	Decreasing	4	0	No	0.260678839	0.00	0.725605939	No Trend	20	9	No	0.431386772	0.00	0.992698014	Decreasing	5	5	Yes	0.39784943	0.00	0.972599971	Increasing
PTX06-1137A	647900.89	3758635.67	MO	11/10/2009	10/16/2023	29	0	No	0.03992545	0.00	1	Decreasing	4	0	No	0.020755603	0.00	0.595441648	Stable	29	0	No	0.03992545	0.00	1	Decreasing	10	0	No	0.04824241	0.00	0.87053317	Stable
PTX06-1137A	647900.89	3758635.67	AS	10/20/2014	10/16/2023	18	1	No	0.314650554	0.00	0.998544344	Increasing	4	0	No	0.264850036	0.00	0.858165328	Stable	18	1	No	0.314650554	0.00	0.998544344	Increasing	10	0	No	0.170615802	0.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	BA	1/26/2010	10/16/2023	22	0	No	0.042874363	0.00	0.957912854	Decreasing	4	0	No	0.021367496	0.00	1	Decreasing	22	0	No	0.042874363	0.00	0.957912854	Decreasing	10	0	No	0.040731227	0.00	0.961528287	Decreasing
PTX06-1137A	647900.89	3758635.67	FE	11/10/2009	10/16/2023	15	14	No	1.144399934	0.00	0.975500425	Decreasing	4	0	No	0.531892326	0.00	0.989232888	Decreasing	15	14	No	1.144399934	0.00	0.975500425	Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1137A	647900.89	3758635.67	V	11/10/2009	10/16/2023	29	0	No	0.052743409	0.00	1	Increasing	4	0	No	0.059804291	0.00	0.621438173	Stable	29	0	No	0.052743409	0.00	1	Increasing	10	0	No	0.053648397	0.00	0.743138703	Stable
PTX06-1138	646285.31	3760503.82	RDX	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	HMX	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TNT	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT24	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT26	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT2A	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT4A	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TNB135	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNB13	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	PCE	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TCE	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DCE12C	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DCA12	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TCLME	10/1/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	B	10/1/2009	10/16/2023	29	0	No	0.075610206	0.00	1	Decreasing	4	0	No	0.064369477	0.00	0.936633339	Probably Decreasing	29	0	No	0.075610206	0.00	1	Decreasing	10	0	No	0.079968264	0.00	0.873577061	No Trend
PTX06-1138	646285.31	3760503.82	CR	10/1/2009	10/16/2023	12	18	No	1.833137691	0.00	0.947277135	Probably Increasing	4	0	No	1.449317555	0.00	0.875748119	No Trend	12	18	No	1.833137691	0.00	0.947277135	Probably Increasing	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1138	646285.31	3760503.82	CR-6	10/1/2009	10/16/2023	17	13	No	2.076835476	0.00	0.984931454	Decreasing	4	0	No	0.061872705	0.00	0.979271223	Decreasing	17	13	No	2.076835476	0.00	0.984931454	Decreasing	10	1	No	2.27671609	0.00	0.819675429	No Trend
PTX06-1138	646285.31	3760503.82	MN	10/1/2009	10/16/2023	24	6	No	1.124738907	0.00	0.734676553	No Trend	4	0	No	0.551415925	0.00	0.587497654	Stable	24	6	No	1.124738907	0.00	0.734676553	No Trend	9	2	No	0.309747518	0.00	0.84157712	No Trend
PTX06-1138	646285.31	3760503.82	NI	10/1/2009	10/16/2023	19	11	No	1.395413759	0.00	0.998486993	Decreasing	4	0	No	0.492265203	0.00	0.67341792	Stable	19	11	No	1.395413759	0.00	0.998486993	Decreasing	5	6	No	0.430534461	0.00	0.77138714	Stable
PTX06-1138	646285.31	3760503.82	MO	10/1/2009	10/16/2023	30	0	No	0.059950841	0.00	0.992804999	Increasing	4	0	No	0.043464869	0.00	0.95772363	Decreasing	30	0	No	0.059950841	0.00	0.992804999	Increasing	11	0	No	0.044828826	0.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	AS	10/20/2014	10/16/2023	18	1	No	0.152160077	0.00	0.847907831	No Trend	4	0	No	0.194944769	0.00	0.546932397	Stable	18	1	No	0.152160077	0.00	0.847907831	No Trend	10	0	No	0.147177056	0.00	0.707288228	Stable
PTX06-1138	646285.31	3760503.82	BA	5/4/2010	10/16/2023	22	0	No	0.043092365	0.00	1	Decreasing	4	0	No	0.019136639	0.00	0.914449669	Probably Decreasing	22	0	No	0.043092365	0.00	1	Decreasing	10	0	No	0.041821968	0.00	0.971905531	Decreasing
PTX06-1138	646285.31	3760503.82	FE	10/1/2009	10/16/2023	17	13	No	0.910007112	0.00	0.993017362	Decreasing	4	0	No	0.462286774	0.00	0.810427129	Stable	17	13	No	0.910007112	0.00	0.993017362	Decreasing	0	11	No	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	V	10/1/2009	10/16/2023	30	0	No	0.042384986	0.00	1	Increasing	4	0	No	0.068235322	0.00	0.659130477	Stable	30	0	No	0.042384986	0.00	1	Increasing	11	0	No	0.048182149	0.00	0.834325561	No Trend
PTX06-1139	646768.73	3756376.08	RDX	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	HMX	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TNT	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT24	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT26	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT2A	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT4A	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TNB135	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNB13	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	PCE	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TCE	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DCE12C	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DCA12	9/30/2009	7/25/2023	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1139	646768.73	3756376.08	TCLME	9/30/2009	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	B	9/30/2009	7/25/2023	29	0	No	0.069648395	0.00	1	Decreasing	4	0	No	0.059870588	0.00	0.748760814	Stable	29	0	No	0.069648395	0.00	1	Decreasing	10	0	No	0.069268158	0.00	0.618418394	Stable
PTX06-1139	646768.73	3756376.08	CR	9/30/2009	7/25/2023	8	21	No	0.605114373	0.00	0.715478982	Stable	4	0	No	0.208778324	0.00	0.961425413	Increasing	8	21	No	0.605114373	0.00	0.715478982	Stable	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	CR-6	9/30/2009	7/25/2023	16	13	No	1.35549244	0.00	0.919914918	Probably Decreasing	4	0	No	0.534697012	0.00	0.967801836	Increasing	16	13	No	1.35549244	0.00	0.919914918	Probably Decreasing	10	0	No	0.594421044	0.00	0.99920969	Decreasing
PTX06-1139	646768.73	3756376.08	MN	9/30/2009	7/25/2023	20	9	No	0.815710995	0.00	0.999452405	Decreasing	4	0	No	0.672187687	0.00	0.715831099	No Trend	20	9	No	0.815710995	0.00	0.999452405	Decreasing	6	4	No	0.382819828	0.00	0.589250429	Stable
PTX06-1139	646768.73	3756376.08	NI	9/30/2009	7/25/2023	12	17	No	0.891633174	0.00	0.835328559	Stable	4	0	No	0.768686205	0.00	0.963028454	Decreasing	12	17	No	0.891633174	0.00	0.835328559	Stable	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1139	646768.73	3756376.08	MO	9/30/2009	7/25/2023	29	0	No	0.260552216	0.00	0.958031256	Decreasing	4	0	No	0.59753752	0.00	0.882877999	Stable	29	0	No	0.260552216	0.00	0.958031256	Decreasing	10	0	No	0.126775476	0.00	0.999695426	Increasing
PTX06-1139	646768.73	3756376.08	AS	8/5/2014	7/25/2023	17	2	No	0.247737036	0.00	0.730099827	No Trend	4	0	No	0.289094577	0.00	0.739273033	Stable	17	2	No	0.247737036	0.00	0.730099827	No Trend	10	0	No	0.098845474	0.00	0.873168227	Stable
PTX06-1139	646768.73	3756376.08	BA	5/4/2010	7/25/2023	22	0	No	0.403853375	0.00	0.948459579	Probably Decreasing	4	0	No	0.328407716	0.00	0.925458873	Probably Increasing	22	0	No	0.403853375	0.00	0.948459579	Probably Decreasing	10	0	No	0.108133833	0.00	0.711596086	Stable
PTX06-1139	646768.73	3756376.08	FE	9/30/2009	7/25/2023	15	14	No	0.889011946	0.00	0.99702585	Decreasing	4	0	No	0.902218895	0.00	0.935782124	Probably Decreasing	15	14	No	0.889011946	0.00	0.99702585	Decreasing	0	10	No	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	V	9/30/2009	7/25/2023	29	0	No	0.076062929	0.00	0.985349876	Increasing	4	0	No	0.042084076	0.00	0.934747043	Probably Increasing	29	0	No	0.076062929	0.00	0.985349876	Increasing	10	0	No	0.072918221	0.00	0.890654352	Stable
PTX06-1140	646959.38	3762807.67	RDX	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	HMX	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TNT	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT24	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT26	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT2A	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT4A	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TNB135	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNB13	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	PCE	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TCE	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DCE12C	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DCA12	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TCLME	10/5/2009	10/16/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	B	10/5/2009	10/16/2023	29	0	No	0.075985307	0.00	1	Increasing	4	0	No	0.082986175	0.00	0.856484033	Stable	29	0	No	0.075985307	0.00	1	Increasing	10	0	No	0.08460637	0.00	0.878876158	No Trend
PTX06-1140	646959.38	3762807.67	CR	10/5/2009	10/16/2023	18	12	No	0.231389646	0.00	0.668772783	No Trend	4	0	No	0.213067081	0.00	0.983259138	Decreasing	18	12	No	0.231389646	0.00	0.668772783	No Trend	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1140	646959.38	3762807.67	CR-6	10/5/2009	10/16/2023	19	11	No	1.284579697	0.00	0.99784418	Decreasing	4	0	No	0.05167668	0.00	0.818054388	Stable	19	11	No	1.284579697	0.00	0.99784418	Decreasing	9	1	No	0.246153028	0.00	0.982100285	Increasing
PTX06-1140	646959.38	3762807.67	MN	10/5/2009	10/16/2023	7	22	No	0.61435181	0.00	0.599804733	Stable	4	0	No	0.499693607	0.00	0.802608937	No Trend	7	22	No	0.61435181	0.00	0.599804733	Stable	0	10	No	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	NI	10/5/2009	10/16/2023	17	12	No	0.463019113	0.00	0.867652229	Stable	4	0	No	0.251977294	0.00	0.631108468	Stable	17	12	No	0.463019113	0.00	0.867652229	Stable	4	6	No	0.251977294	0.00	0.573228016	Stable
PTX06-1140	646959.38	3762807.67	MO	10/5/2009	10/16/2023	29	0	No	0.051899499	0.00	1	Decreasing	4	0	No	0.017686337	0.00	1	Decreasing	29	0	No	0.051899499	0.00	1	Decreasing	10	0	No	0.053439897	0.00	0.871498455	No Trend
PTX06-1140	646959.38	3762807.67	AS	10/20/2014	10/16/2023	18	1	No	0.160740156	0.00	0.987843539	Increasing	4	0	No	0.162286974	0.00	0.987014962	Decreasing	18	1	No	0.160740156	0.00	0.987843539	Increasing	10	0	No	0.132133197	0.00	0.798253338	No Trend
PTX06-1140	646959.38	3762807.67	BA	5/4/2010	10/16/2023	22	0	No	0.070208703	0.00	0.998619381	Increasing	4	0	No	0.018967937	0.00	1	Increasing	22	0	No	0.070208703	0.00	0.998619381	Increasing	10	0	No	0.034485037	0.00	1	Decreasing
PTX06-1140	646959.38	3762807.67	FE	10/5/2009	10/16/2023	15	14	No	0.92169321	0.00	0.998745131	Decreasing	4	0	No	0.299993715	0.00	0.87761693	Stable	15	14	No	0.92169321	0.00	0.998745131	Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1140	646959.38	3762807.67	V	10/5/2009	10/16/2023	29	0	No	0.062364551	0.00	0.991572775	Increasing	4	0	No	0.055294827	0.00	0.822997112	Stable	29	0	No	0.062364551	0.00	0.991572775	Increasing	10	0	No	0.061987814	0.00	0.923588297	Probably Increasing
PTX06-1141	633445.44	3766872.94	RDX	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	HMX	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TNT	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT24	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT26	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT2A	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT4A	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TNB135	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNB13	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DIOXANE14	6/27/2011	2/6/2023	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	PCE	10/14/2009	2/6/2023	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TCE	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DCE12C	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DCA12	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TCLME	10/14/2009	2/6/2023	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	PERC	10/14/2009	2/6/2023	4	20	No	0.037825467	0.00	0.639182953	Stable	4	0	No	0.037825467	0.00	0.639182953	Stable	4	20	No	0.037825467	0.00	0.639182953	Stable	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	B	10/14/2009	2/6/2023	24	0	No	0.078302211	0.00	0.82967166	Stable	4	0	No	0.042302495	0.00	0.623051925	Stable	24	0	No	0.078302211	0.00	0.82967166	Stable	8	0	No	0.092288182	0.00	0.936816738	Probably Increasing
PTX06-1141	633445.44	3766872.94	MN	7/21/2010	2/6/2023	15	3	No	1.316755176	0.00	0.999735948	Decreasing	4	0	No	0.667759703	0.00	0.537222633	Stable	15	3	No	1.316755176	0.00	0.999735948	Decreasing	7	1	No	0.524605828	0.00	0.617590827	No Trend
PTX06-1141	633445.44	3766872.94	AS	6/27/2011	2/6/2023	14	2	No	0.242843146	0.00	0.999401733	Increasing	4	0	No	0.173766622	0.00	1	Decreasing	14	2	No	0.242843146	0.00	0.999401733	Increasing	8	0	No	0.224718019	0.00	0.97477186	Increasing
PTX06-1141	633445.44	3766872.94	BA	7/21/2010	2/6/2023	19	0	No	0.104443805	0.00	1	Decreasing	4	0	No	0.091267454	0.00	0.658850414	Stable	19	0	No	0.104443805	0.00	1	Decreasing	8	0	No	0.125626064	0.00	0.803051162	No Trend
PTX06-1143	639244.72	3770496.78	RDX	10/15/2009	10/17/2023	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	HMX	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TNT	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT24	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT26	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT2A	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT4A	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TNB135	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNB13	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DIOXANE14	6/8/2011	10/17/2023	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect

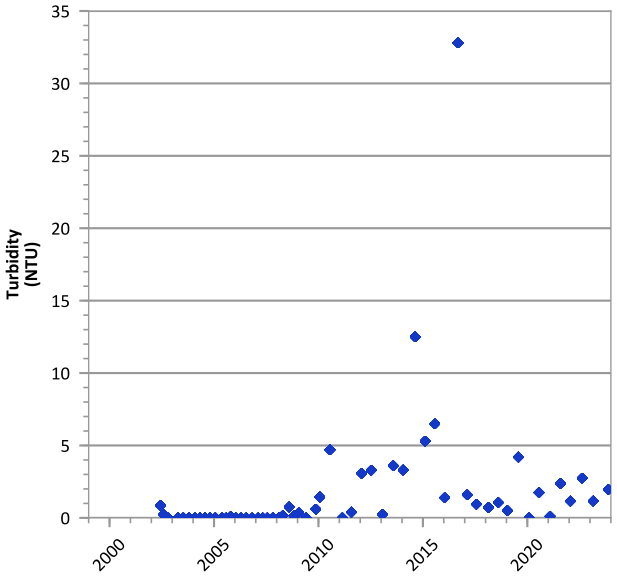
Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1143	639244.72	3770496.78	PCE	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TCE	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DCE12C	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DCA12	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TCLME	10/15/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	PERC	10/15/2009	10/17/2023	8	20	No	0.155174704	0.00	0.535907873	No Trend	4	0	No	0.21765085	0.00	0.759988285	Stable	8	20	No	0.155174704	0.00	0.535907873	No Trend	4	6	No	0.04857217	0.00	0.88741187	No Trend
PTX06-1143	639244.72	3770496.78	B	10/15/2009	10/17/2023	29	0	No	0.097336417	0.00	1	Decreasing	4	0	No	0.092832879	0.00	0.934172395	Probably Decreasing	29	0	No	0.097336417	0.00	1	Decreasing	10	0	No	0.061224496	0.00	1	Increasing
PTX06-1143	639244.72	3770496.78	MN	5/5/2010	10/17/2023	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	AS	6/8/2011	10/17/2023	16	4	No	0.179258107	0.00	0.971162636	Increasing	4	0	No	0.149219768	0.00	0.965562269	Increasing	16	4	No	0.179258107	0.00	0.971162636	Increasing	8	2	No	0.131977936	0.00	0.665282997	Stable
PTX06-1143	639244.72	3770496.78	BA	5/5/2010	10/17/2023	23	0	No	0.04595531	0.00	0.999982101	Increasing	4	0	No	0.040420699	0.00	0.650154559	No Trend	23	0	No	0.04595531	0.00	0.999982101	Increasing	10	0	No	0.030420851	0.00	0.979834885	Increasing
PTX06-1144	640252.98	3773320.45	RDX	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	HMX	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TNT	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT24	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT26	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT2A	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT4A	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TNB135	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNB13	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DIOXANE14	10/30/2014	10/17/2023	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	PCE	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TCE	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DCE12C	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DCA12	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TCLME	11/4/2009	10/17/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	PERC	11/4/2009	10/17/2023	8	21	No	0.059617182	0.00	0.782406815	Stable	4	0	No	0.079129583	0.00	0.577248043	No Trend	8	21	No	0.059617182	0.00	0.782406815	Stable	4	6	No	0.025728682	0.00	0.817059538	No Trend
PTX06-1144	640252.98	3773320.45	B	11/4/2009	10/17/2023	29	0	No	0.074065963	0.00	0.907891643	Probably Increasing	4	0	No	0.087853665	0.00	0.852824232	Stable	29	0	No	0.074065963	0.00	0.907891643	Probably Increasing	10	0	No	0.0579324	0.00	0.846014323	No Trend
PTX06-1144	640252.98	3773320.45	CR	5/5/2010	10/17/2023	7	15	No	0.237373631	0.00	0.896661207	No Trend	4	0	No	0.275363161	0.00	0.875533021	No Trend	7	15	No	0.237373631	0.00	0.896661207	No Trend	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1144	640252.98	3773320.45	CR-6	5/5/2010	10/17/2023	16	6	No	1.344454991	0.00	0.997498134	Decreasing	4	0	No	0.039936274	0.00	0.961389081	Decreasing	16	6	No	1.344454991	0.00	0.997498134	Decreasing	9	1	No	0.129764304	0.00	0.917481197	Probably Increasing
PTX06-1144	640252.98	3773320.45	MN	5/5/2010	10/17/2023	18	5	No	0.496146812	0.00	0.961621543	Decreasing	4	0	No	0.613511061	0.00	0.98356279	Decreasing	18	5	No	0.496146812	0.00	0.961621543	Decreasing	8	2	No	0.305778619	0.00	0.575252991	Stable
PTX06-1144	640252.98	3773320.45	AS	10/30/2014	10/17/2023	16	3	No	0.121484804	0.00	0.838657953	No Trend	4	0	No	0.082844354	0.00	0.675669648	No Trend	16	3	No	0.121484804	0.00	0.838657953	No Trend	9	1	No	0.124857821	0.00	0.691612294	No Trend
PTX06-1144	640252.98	3773320.45	BA	5/5/2010	10/17/2023	22	0	No	0.064767231	0.00	0.827326999	Stable	4	0	No	0.022777482	0.00	0.832195151	Stable	22	0	No	0.064767231	0.00	0.827326999	Stable	10	0	No	0.073309854	0.00	0.839238452	Stable
PTX06-1157	647101.97	3753701.98	RDX	6/15/2010	7/25/2023	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	HMX	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TNT	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT24	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT26	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT2A	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT4A	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TNB135	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNB13	6/15/2010	7/25/2023	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	29	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	PCE	6/15/2010	7/25/2023	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TCE	6/15/2010	7/25/2023	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DCE12C	6/15/2010	7/25/2023	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DCA12	6/15/2010	7/25/2023	1	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1157	647101.97	3753701.98	TCLME	6/15/2010	7/25/2023	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	28	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	B	6/15/2010	7/25/2023	28	0	No	0.09658796	0.00	0.999933464	Increasing	4	0	No	0.110328353	0.00	0.537297161	Stable	28	0	No	0.09658796	0.00	0.999933464	Increasing	10	0	No	0.074136818	0.00	0.741548499	No Trend
PTX06-1157	647101.97	3753701.98	CR	6/15/2010	7/25/2023	26	2	No	0.24870141	0.00	0.906440404	Probably Increasing	4	0	No	0.271502546	0.00	0.794852815	Stable	26	2	No	0.24870141	0.00	0.906440404	Probably Increasing	9	1	No	0.215505007	0.00	0.739629254	No Trend
PTX06-1157	647101.97	3753701.98	CR-6	6/15/2010	7/25/2023	17	11	No	0.145711902	0.00	0.998557395	Decreasing	4	0	No	0.045142855	0.00	0.995456229	Decreasing	17	11	No	0.145711902	0.00	0.998557395	Decreasing	10	0	No	0.096475643	0.00	0.800391066	Stable
PTX06-1157	647101.97	3753701.98	MN	6/15/2010	7/25/2023	19	9	No	1.495685376	0.00	0.951779466	Increasing	4	0	No	1.147398407	0.00	0.631155312	No Trend	19	9	No	1.495685376	0.00	0.951779466	Increasing	7	3	No	0.587802625	0.00	0.56685752	No Trend
PTX06-1157	647101.97	3753701.98	NI	6/15/2010	7/25/2023	18	10	No	0.50817336	0.00	0.905730539	Probably Decreasing	4	0	No	0.583290108	0.00	0.843821833	No Trend	18	10	No	0.50817336	0.00	0.905730539	Probably Decreasing	6	4	No	0.193005289	0.00	0.889769285	Stable
PTX06-1157	647101.97	3753701.98	MO	6/15/2010	7/25/2023	28	0	No	0.092723876	0.00	0.966133911	Increasing	4	0	No	0.069654303	0.00	0.907545047	Probably Decreasing	28	0	No	0.092723876	0.00	0.966133911	Increasing	10	0	No	0.096894302	0.00	0.564970407	Stable
PTX06-1157	647101.97	3753701.98	AS	6/7/2011	7/25/2023	18	2	No	0.168808489	0.00	1	Increasing	4	0	No	0.232907183	0.00	0.556883734	Stable	18	2	No	0.168808489	0.00	1	Increasing	10	0	No	0.088175892	0.00	0.582217824	No Trend
PTX06-1157	647101.97	3753701.98	BA	10/21/2010	7/25/2023	23	0	No	0.096230882	0.00	1	Decreasing	4	0	No	0.180153476	0.00	0.77812675	Stable	23	0	No	0.096230882	0.00	1	Decreasing	10	0	No	0.063758436	0.00	0.929837945	Probably Increasing
PTX06-1157	647101.97	3753701.98	FE	6/15/2010	7/25/2023	20	8	No	1.312273671	0.00	0.568347791	No Trend	4	0	No	1.320039519	0.01	0.973639629	Increasing	20	8	No	1.312273671	0.00	0.568347791	No Trend	7	3	No	0.600297847	0.00	0.585268576	No Trend
PTX06-1157	647101.97	3753701.98	V	6/15/2010	7/25/2023	28	0	No	0.059281155	0.00	0.998856777	Increasing	4	0	No	0.078556545	0.00	0.584381843	Stable	28	0	No	0.059281155	0.00	0.998856777	Increasing	10	0	No	0.042870507	0.00	0.800313285	No Trend
PTX06-1223	642669.67	3753673.34	RDX	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	HMX	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	TNT	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DNT24	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DNT26	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DNT2A	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DNT4A	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	TNB135	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DNB13	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	PCE	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	TCE	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DCE12C	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	DCA12	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	TCLME	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	B	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	CR	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	CR-6	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	MN	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	NI	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	MO	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	AS	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	BA	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	FE	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1223	642669.67	3753673.34	V	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	RDX	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	HMX	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	TNT	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DNT24	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DNT26	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DNT2A	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DNT4A	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	TNB135	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DNB13	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	PCE	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	TCE	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DCE12C	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	DCA12	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	TCLME	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	B	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	CR	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	CR-6	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	MN	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	NI	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	MO	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	AS	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	BA	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	FE	12/5/2023	12/5/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1224	644065.72	3754118.10	V	12/5/2023	12/5/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	RDX	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	HMX	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	TNT	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DNT24	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DNT26	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DNT2A	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DNT4A	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	TNB135	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DNB13	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	PCE	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	TCE	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DCE12C	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	DCA12	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	TCLME	12/6/2023	12/6/2023	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	B	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	CR	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	CR-6	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	MN	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	NI	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	MO	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	AS	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	BA	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	FE	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1229	642725.64	3754642.57	V	12/6/2023	12/6/2023	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1R01	627914.28	3764159.91	RDX	9/19/2000	7/17/2023	1	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	HMX	9/19/2000	7/17/2023	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TNT	9/19/2000	7/17/2023	1	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT24	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT26	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT2A	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT4A	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TNB135	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNB13	9/19/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DIOXANE14	7/26/2001	7/17/2023	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	PCE	5/8/2000	7/17/2023	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TCE	5/8/2000	7/17/2023	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DCE12C	5/8/2000	7/17/2023	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DCA12	5/8/2000	7/17/2023	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TCLME	5/8/2000	7/17/2023	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	PERC	9/19/2000	7/17/2023	5	30	No	0.44398132	0.00	0.99665585	Increasing	4	0	No	0.11771047	0.00	1	Increasing	5	20	No	0.44398132	0.00	0.99665585	Increasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	B	9/19/2000	7/17/2023	34	0	No	0.066316316	0.00	1	Increasing	4	0	No	0.062413484	0.00	0.556745517	Stable	25	0	No	0.066235144	0.00	1	Decreasing	8	0	No	0.077964926	0.00	0.840836379	No Trend
PTX07-1R01	627914.28	3764159.91	MN	9/19/2000	7/17/2023	13	15	No	1.393904346	0.00	0.99987305	Decreasing	4	0	No	0.565651096	0.00	0.668896546	No Trend	4	14	No	0.565651096	0.00	0.711921265	No Trend	0	8	No	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	AS	9/19/2000	7/17/2023	20	3	No	0.295077911	0.00	0.797725724	No Trend	4	0	No	0.111556347	0.00	0.917852169	Probably Decreasing	14	2	No	0.251714883	0.00	0.903948884	Probably Increasing	7	1	No	0.132120013	0.00	1	Decreasing
PTX07-1R01	627914.28	3764159.91	BA	9/19/2000	7/17/2023	30	0	No	0.131449668	0.00	0.908949896	Probably Decreasing	4	0	No	0.070703321	0.00	0.804386538	No Trend	19	0	No	0.074745305	0.00	0.998995956	Increasing	8	0	No	0.033822813	0.00	0.655498111	Stable

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

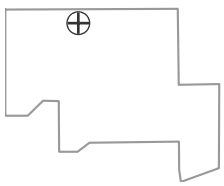






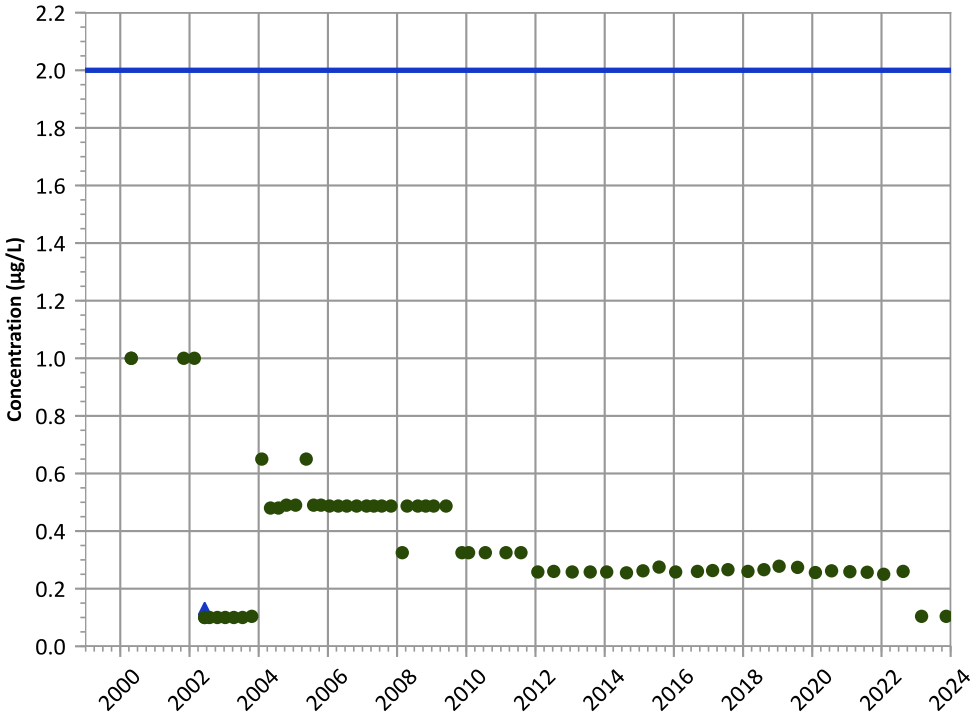


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

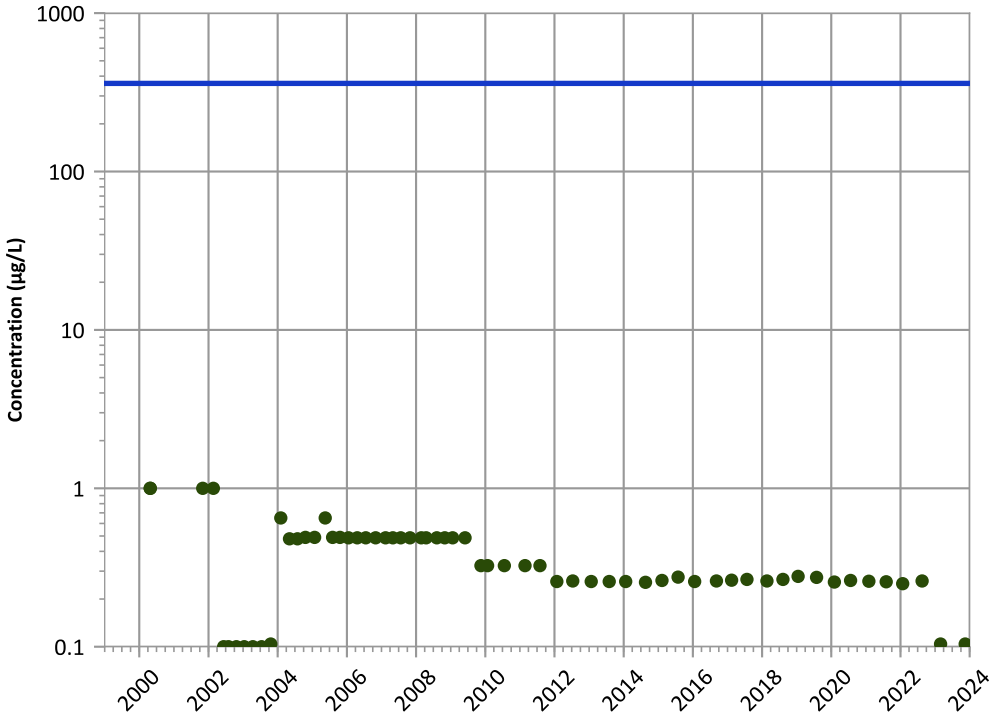


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

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

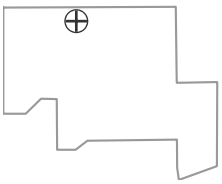


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

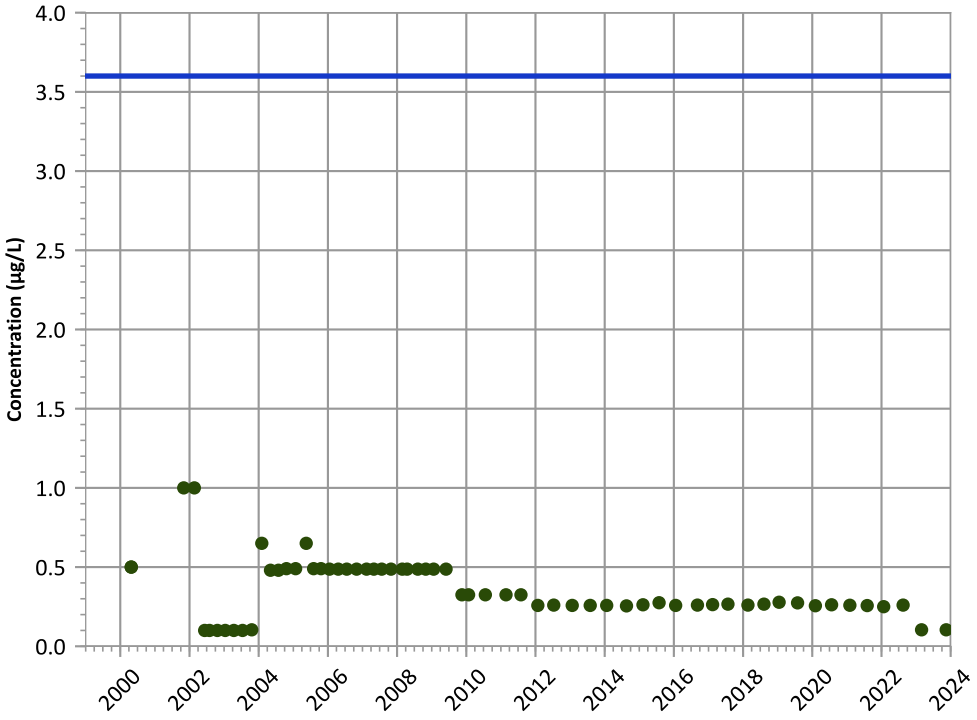


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

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

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

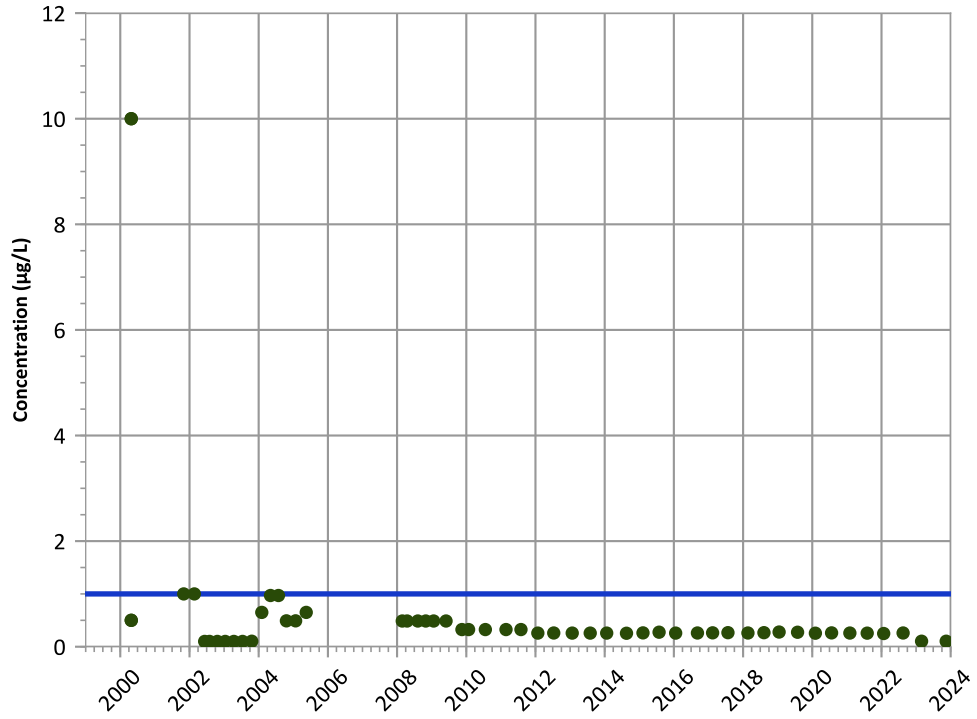


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

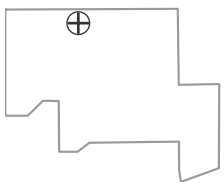
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

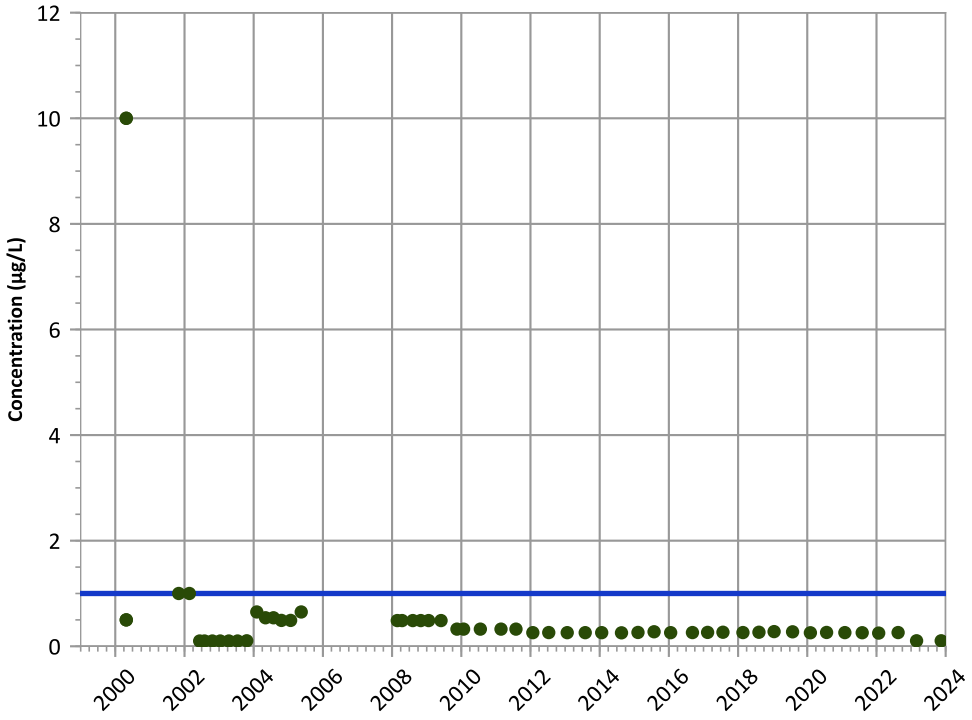
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

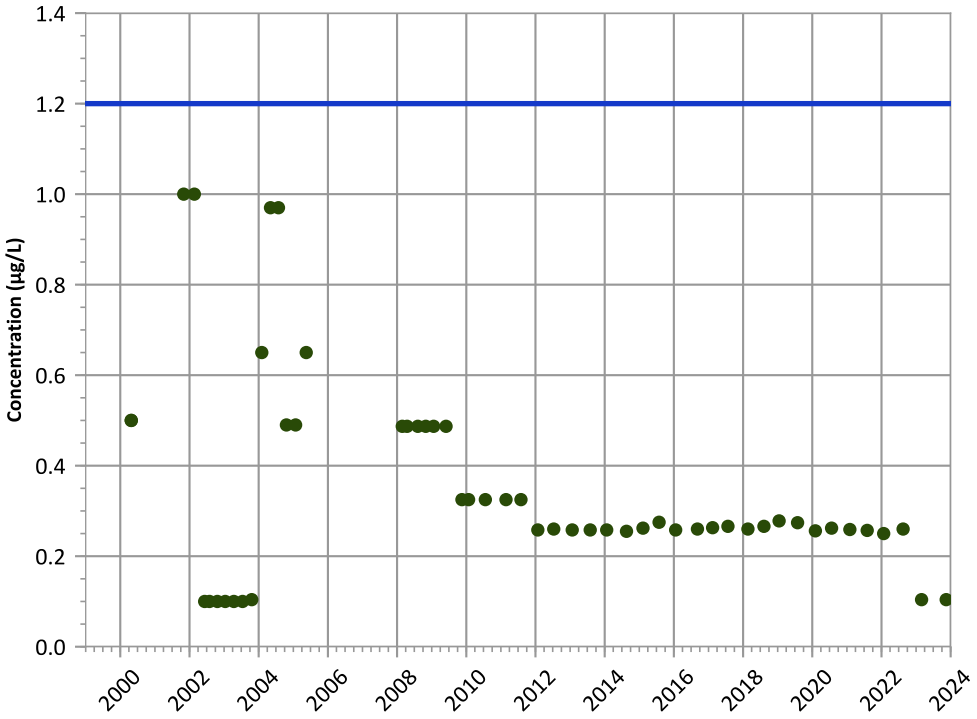
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



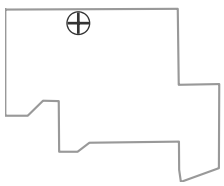
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

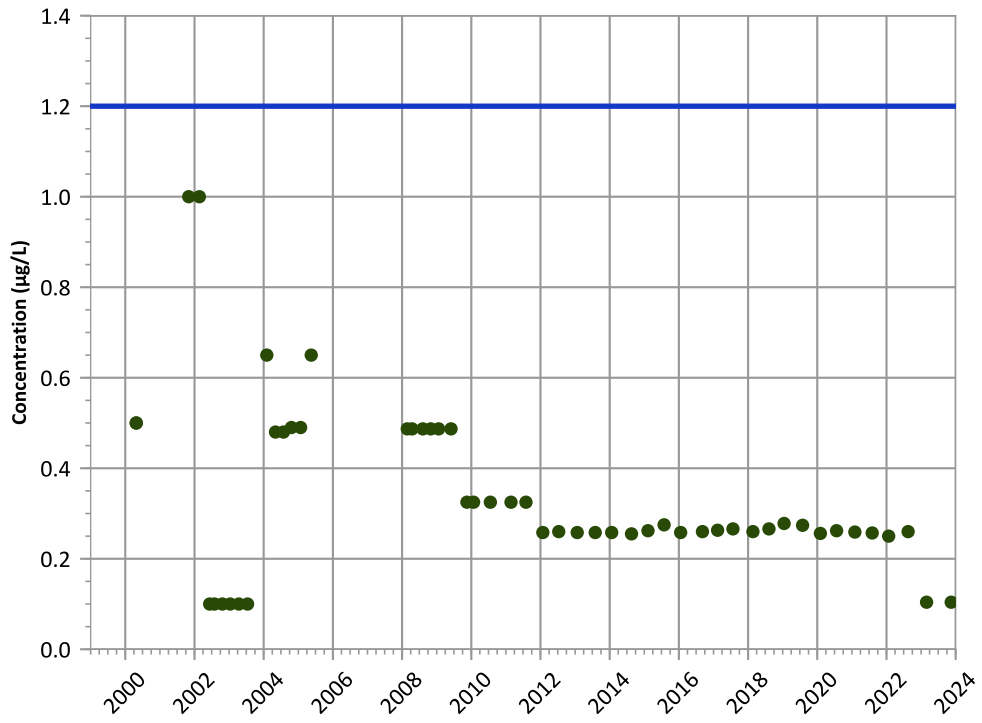
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

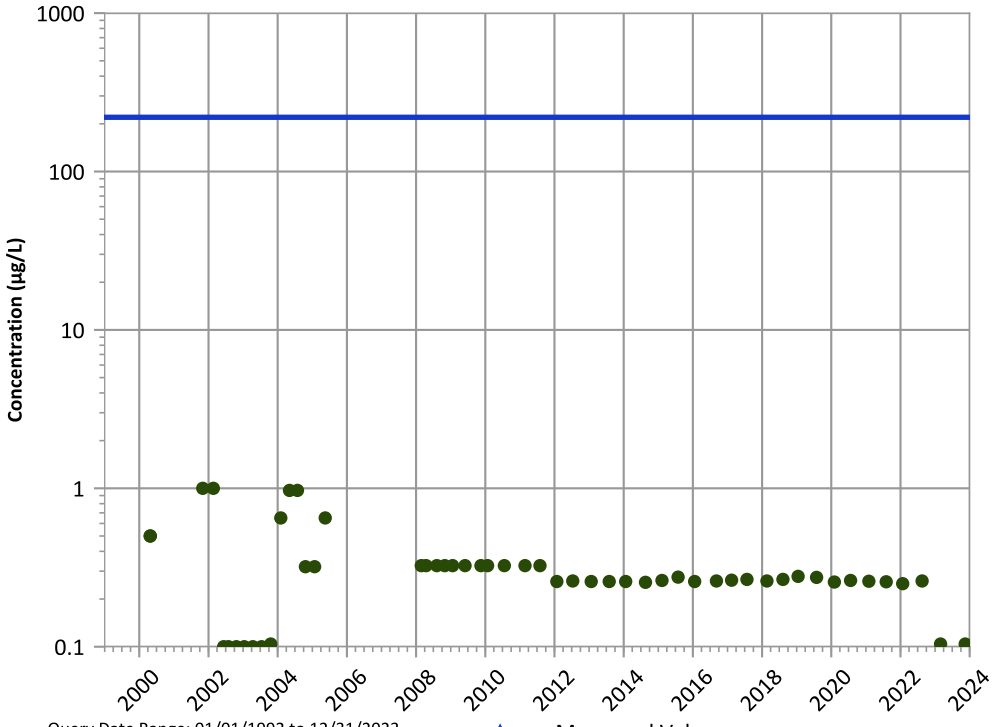


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

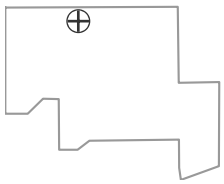
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

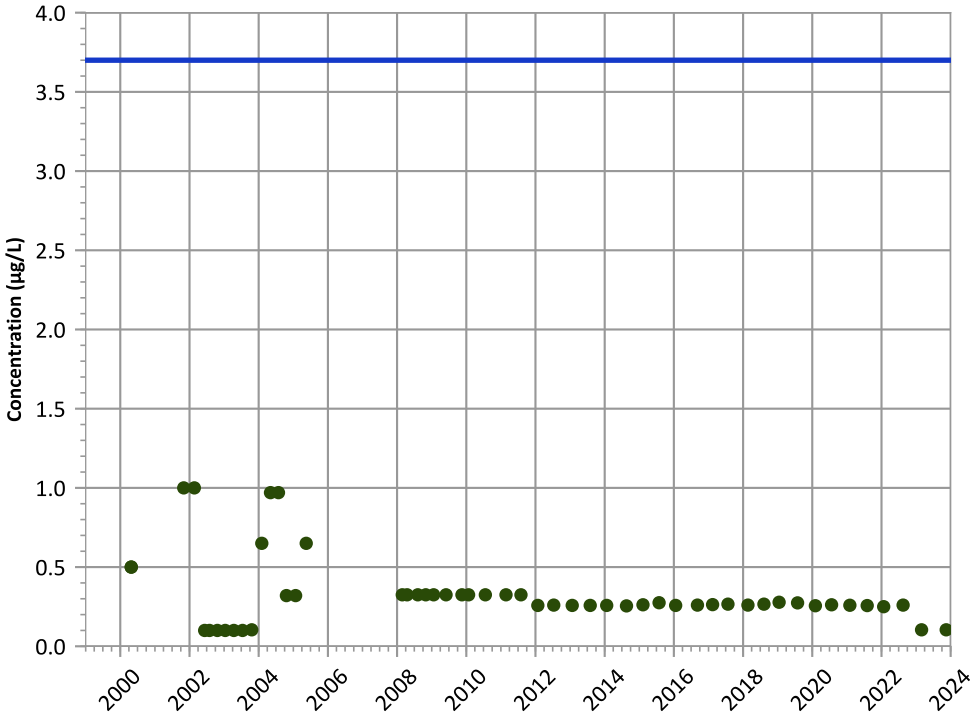
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

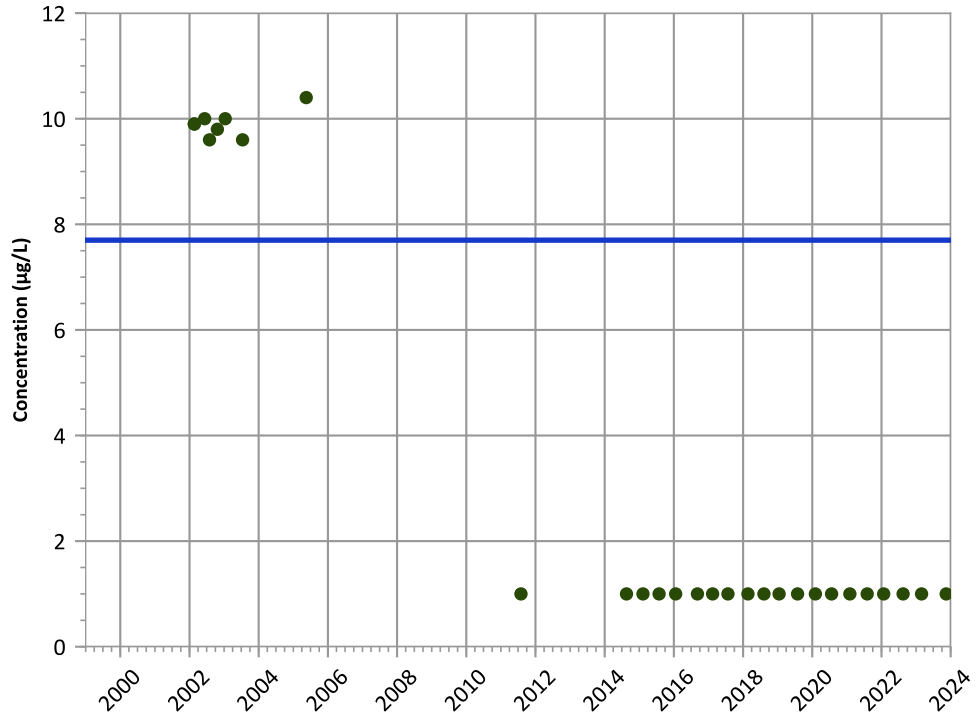


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

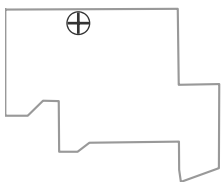


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

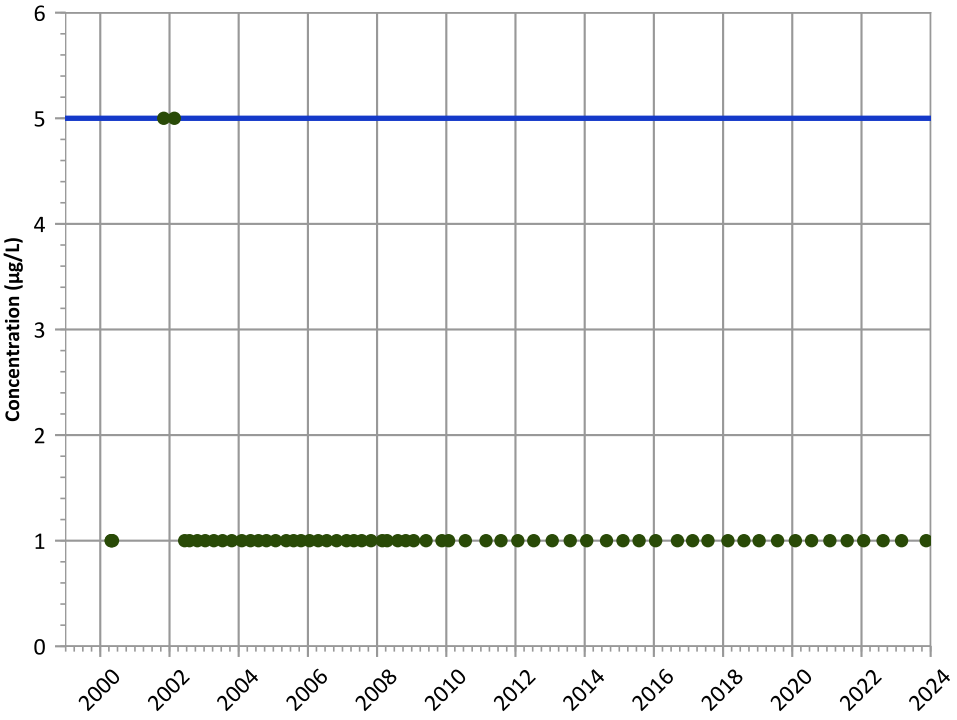


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

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

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

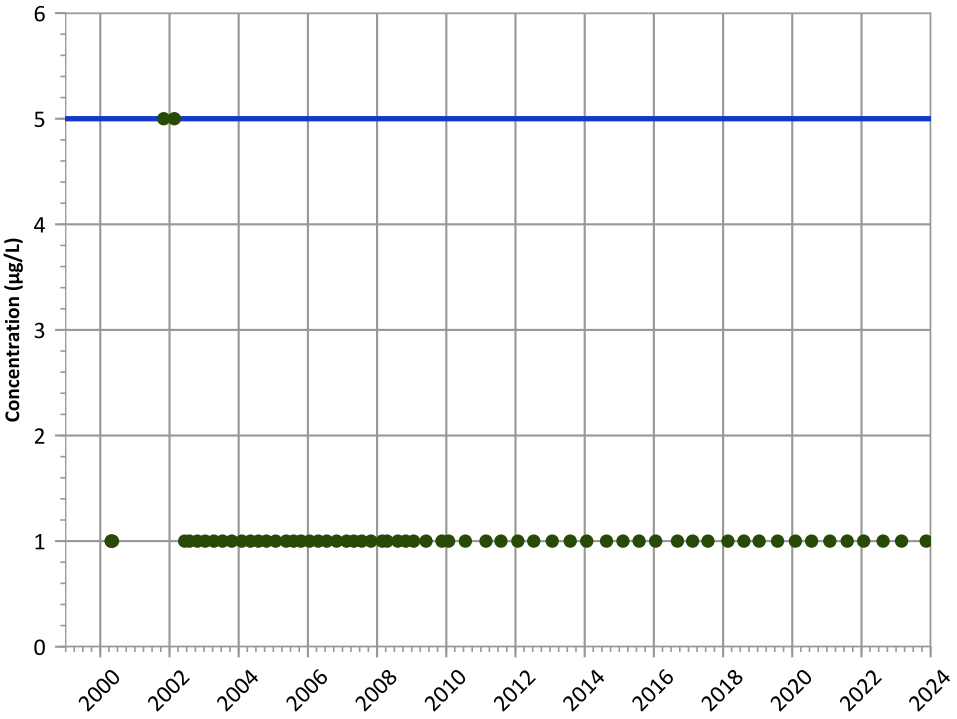
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



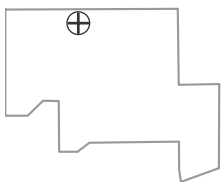
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

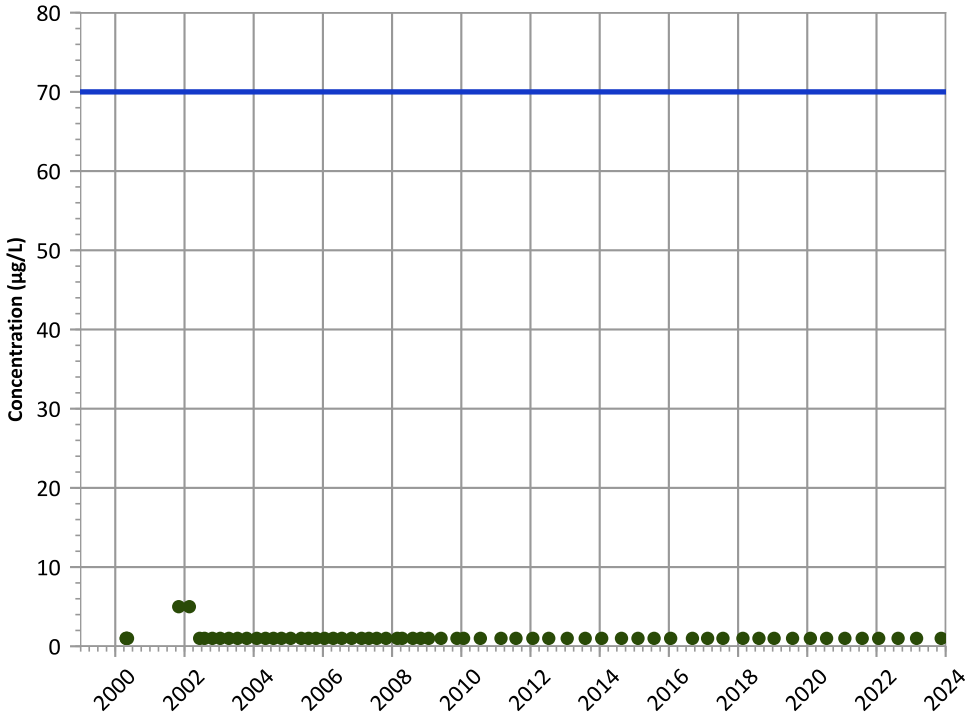
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

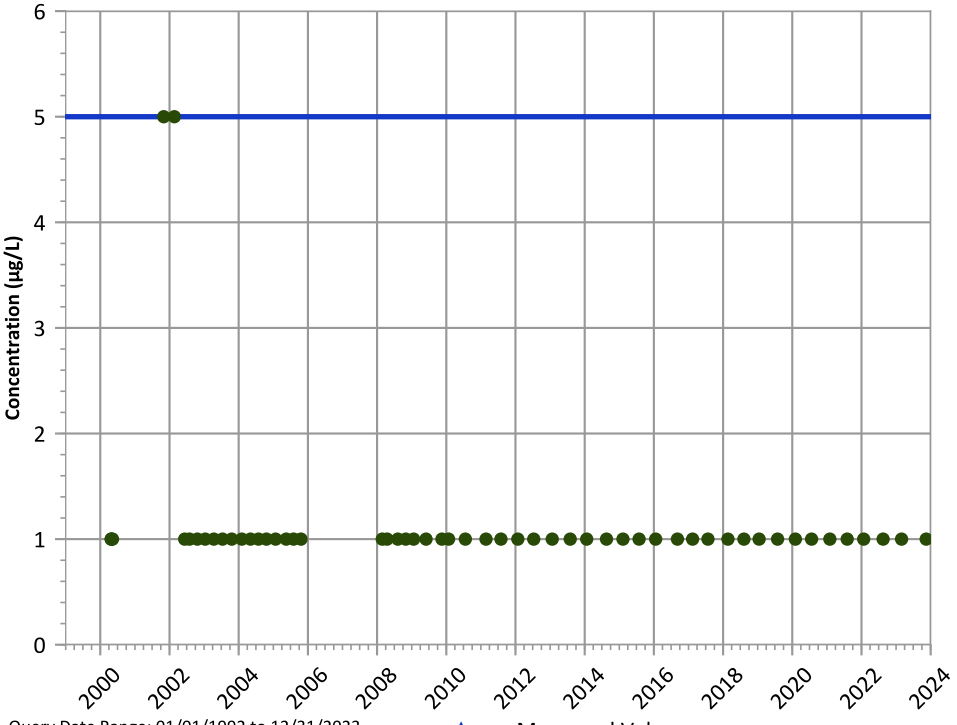


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

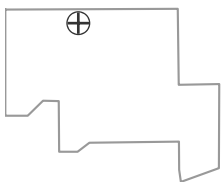
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

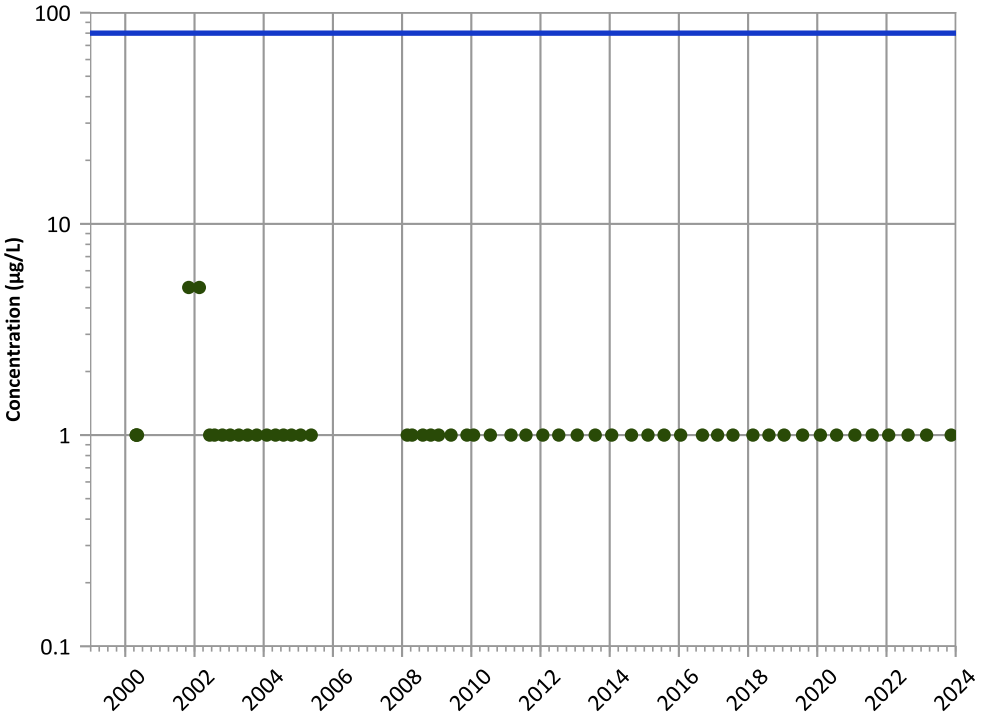
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

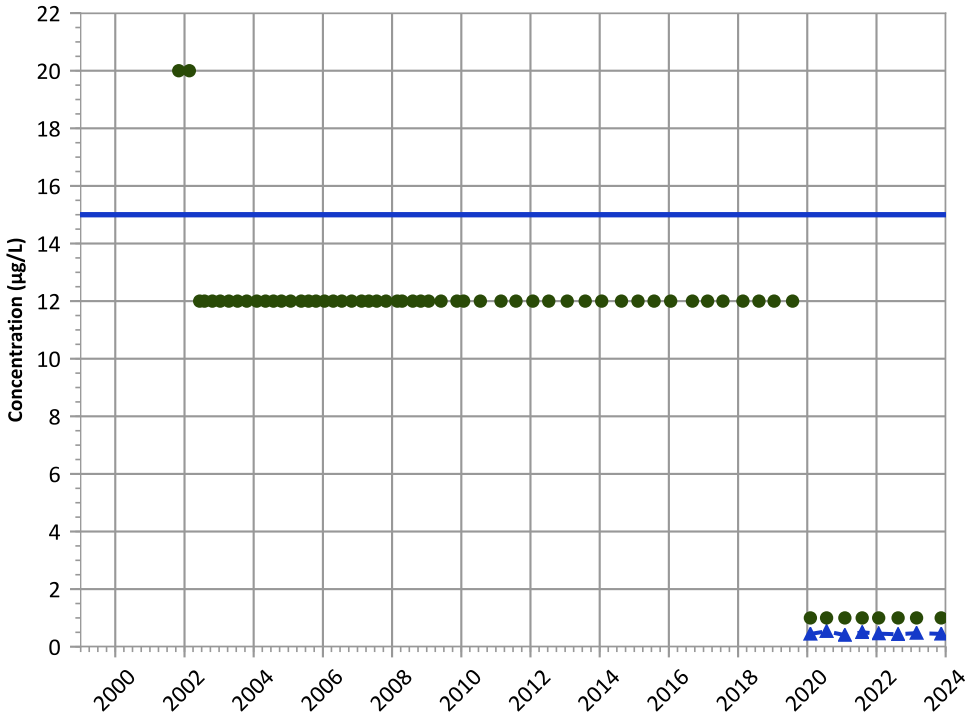
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

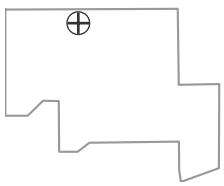
Perchlorate Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Well Location

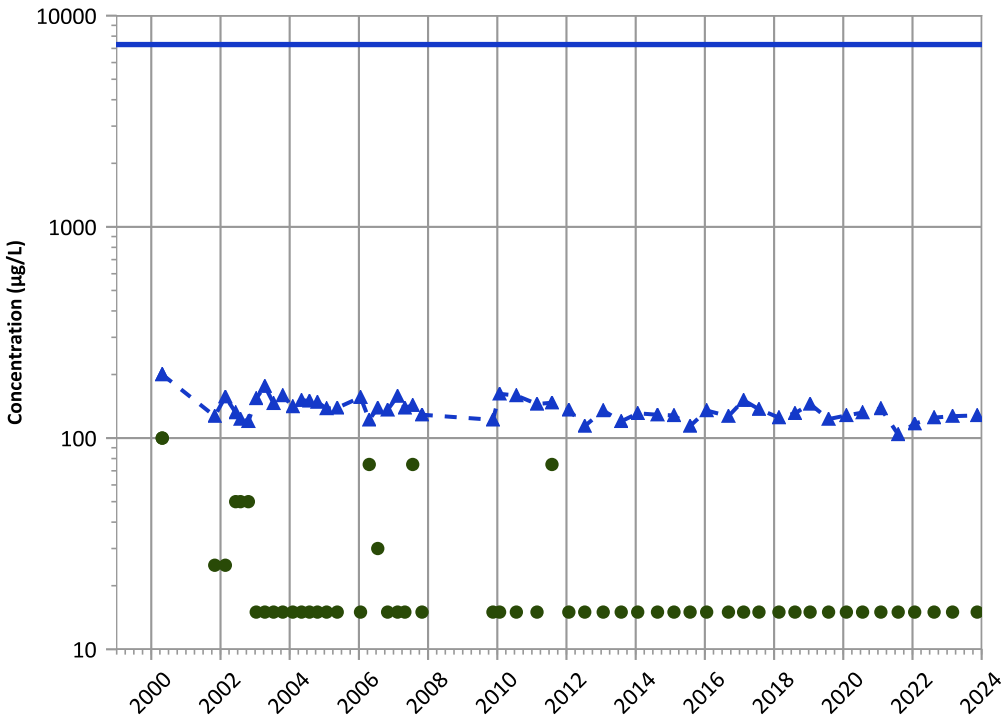


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

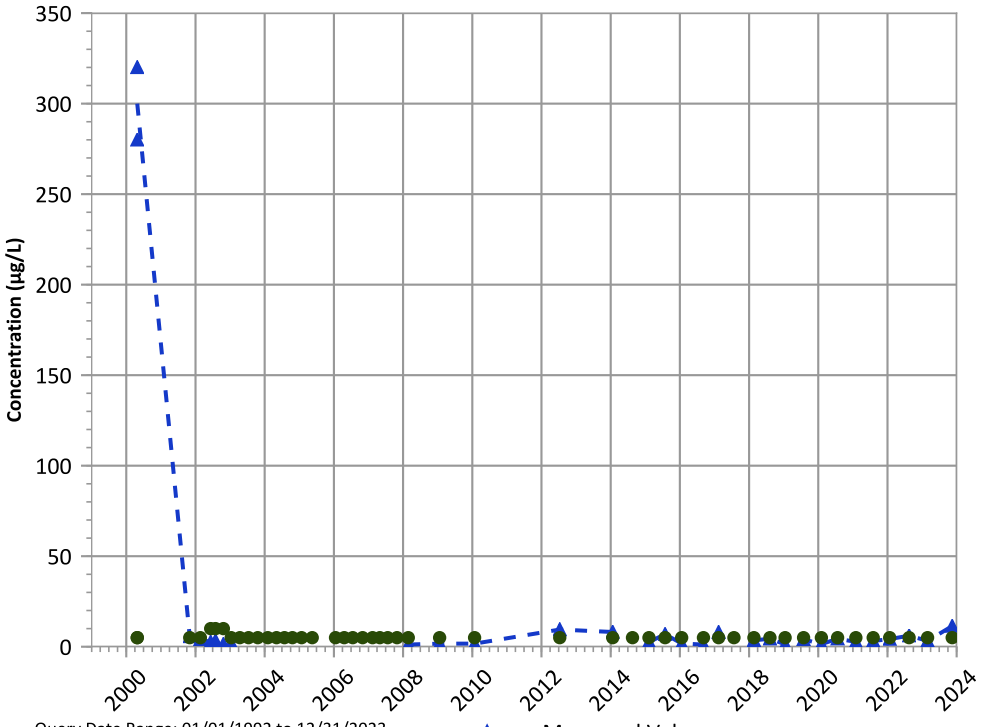


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

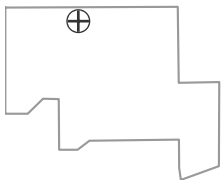
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

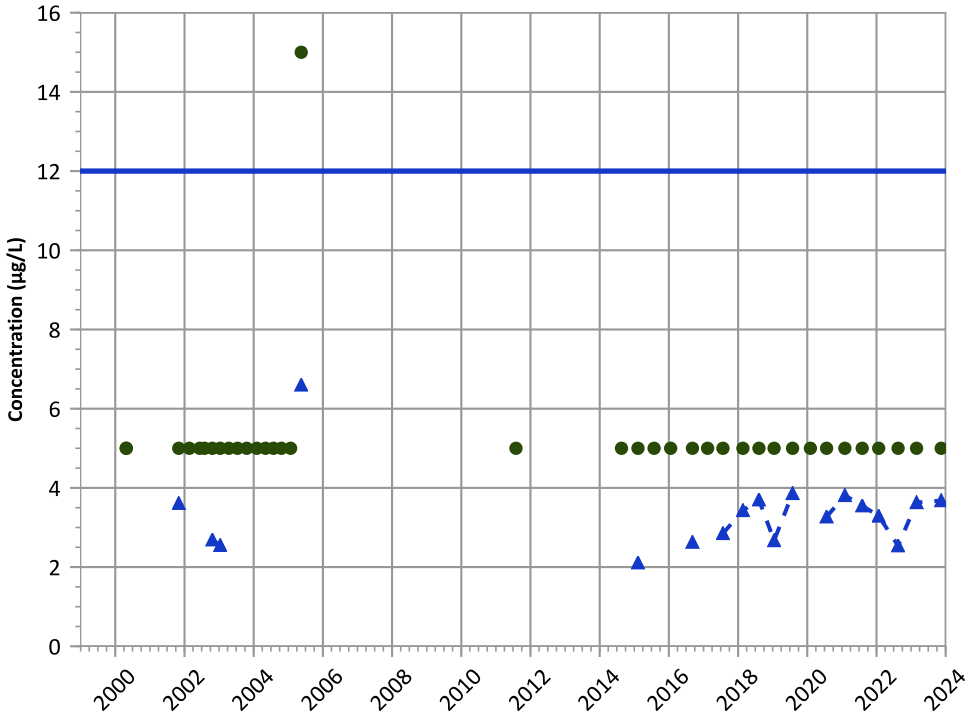
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

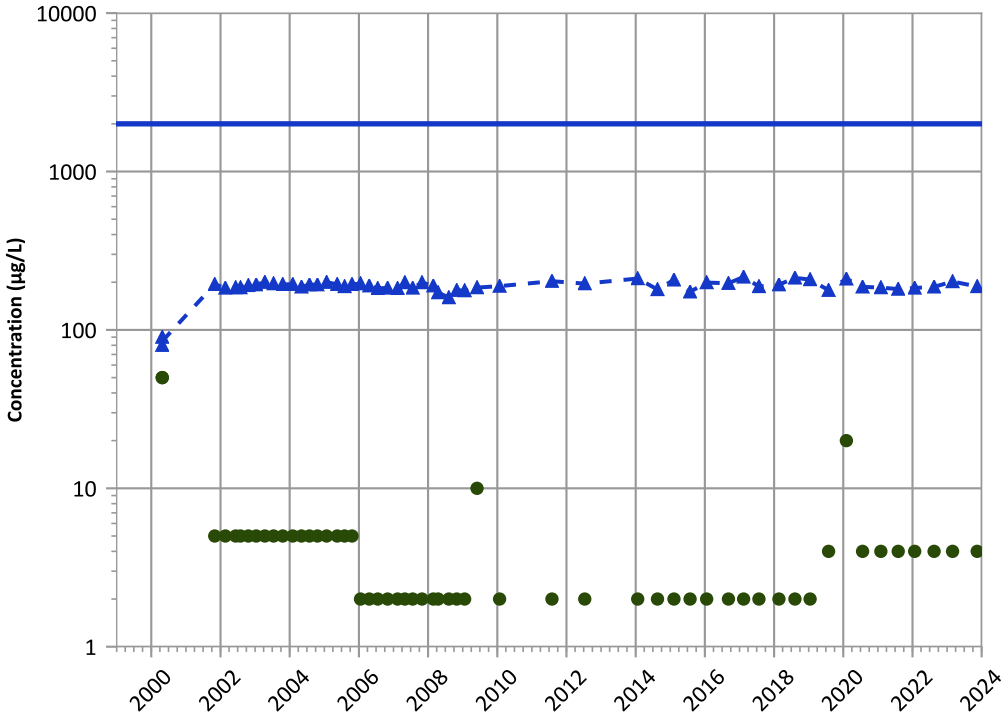


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Barium Trend



Concentration Trend

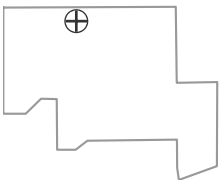
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

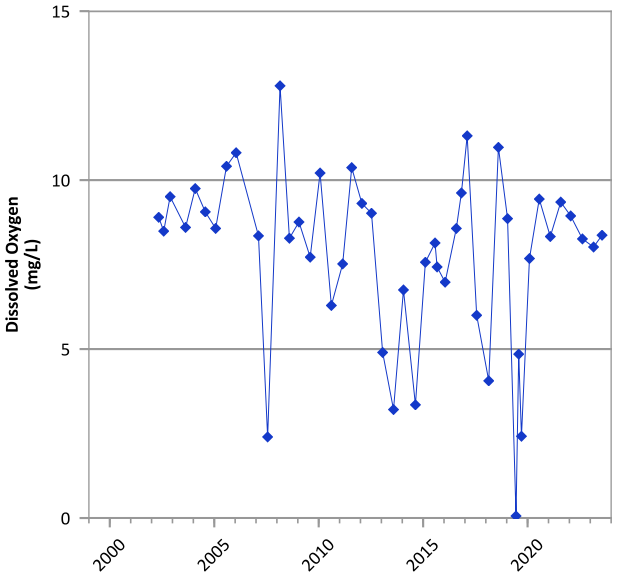
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/26/2000 to 11/15/2023
Analysis Date: 03/29/2024

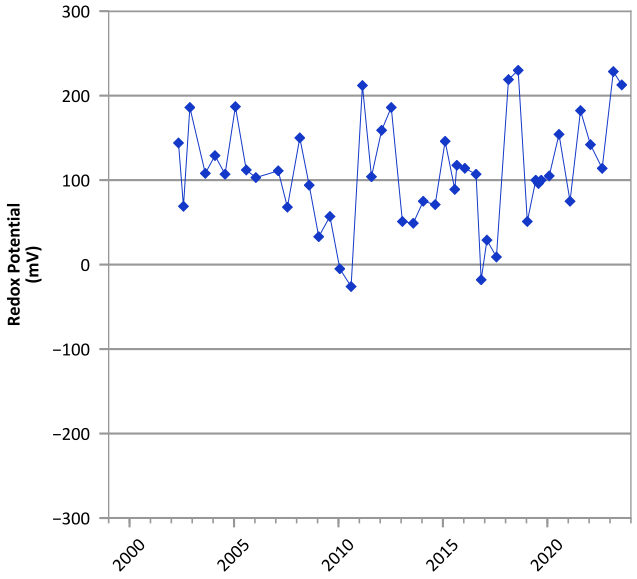
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

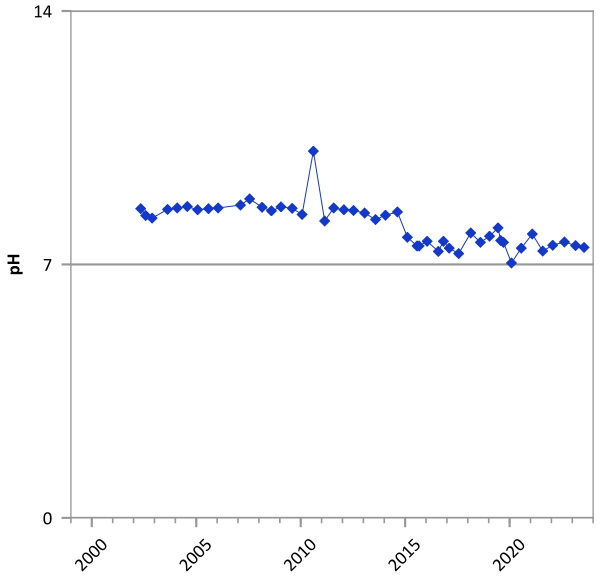
Well Location

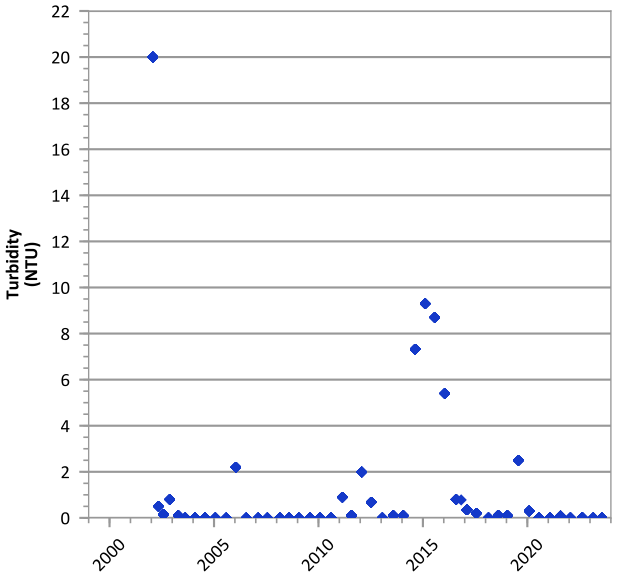


PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

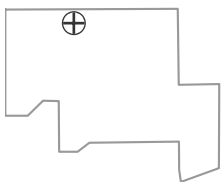






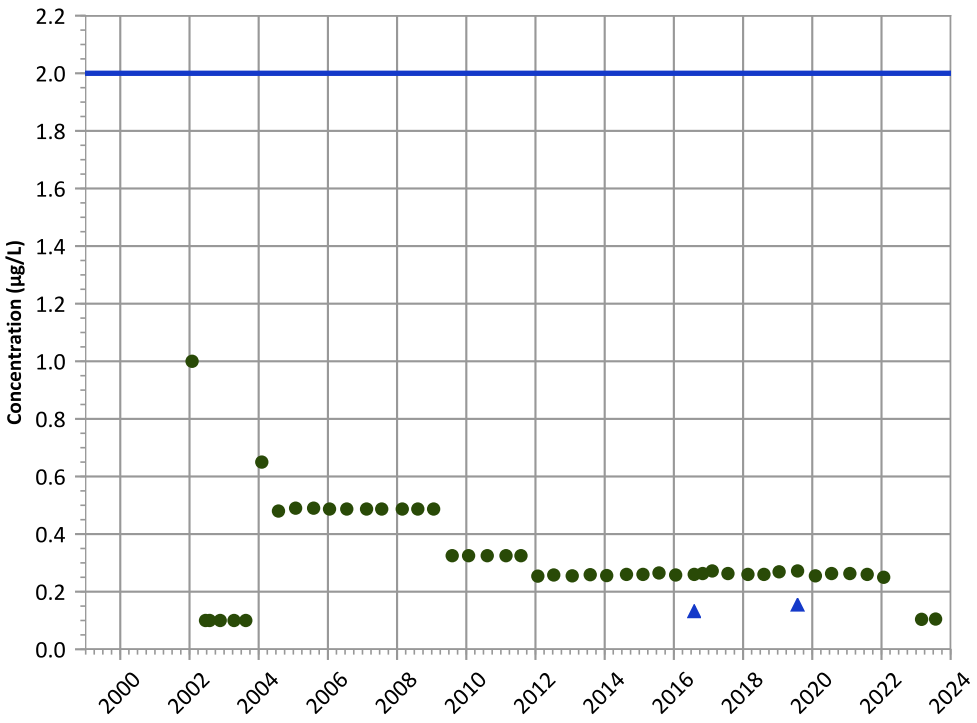


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

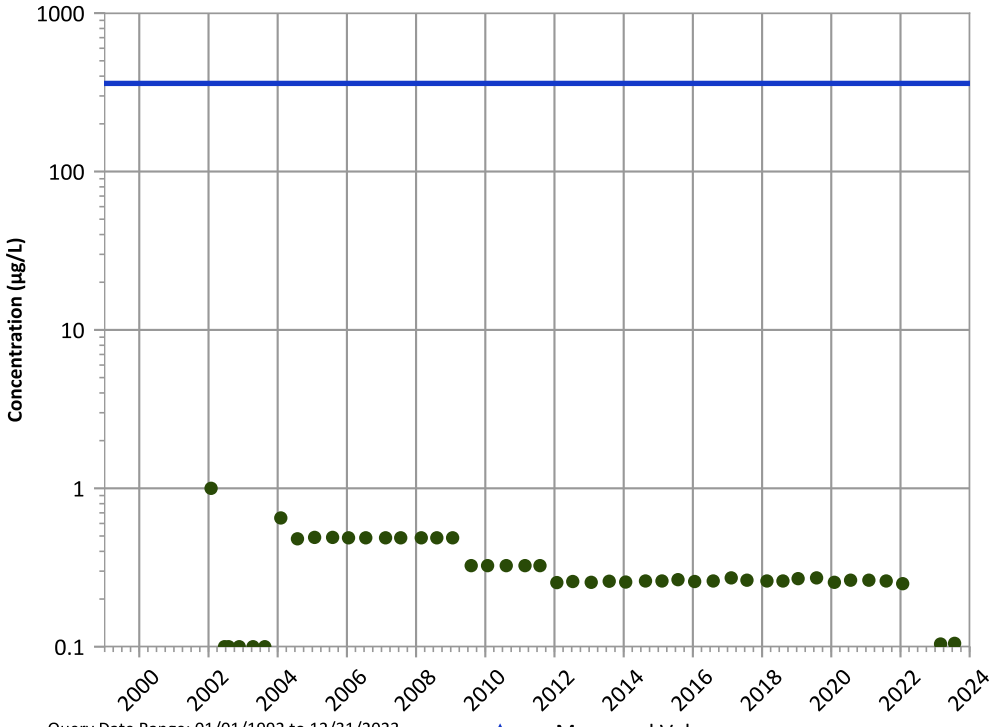


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

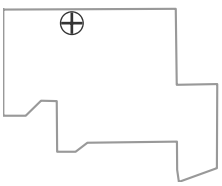


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

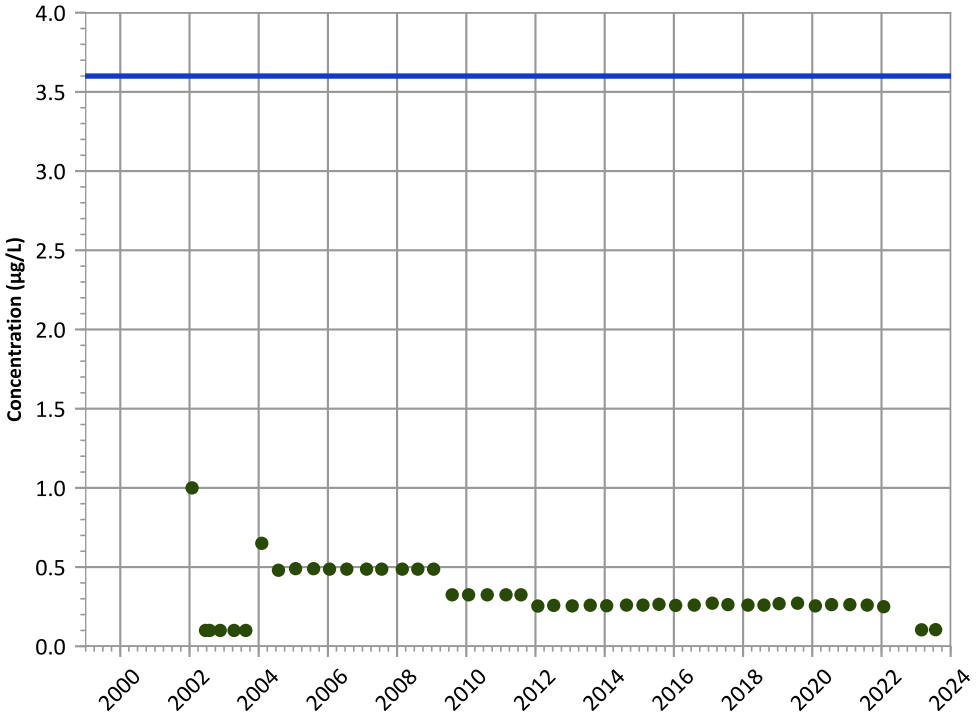


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

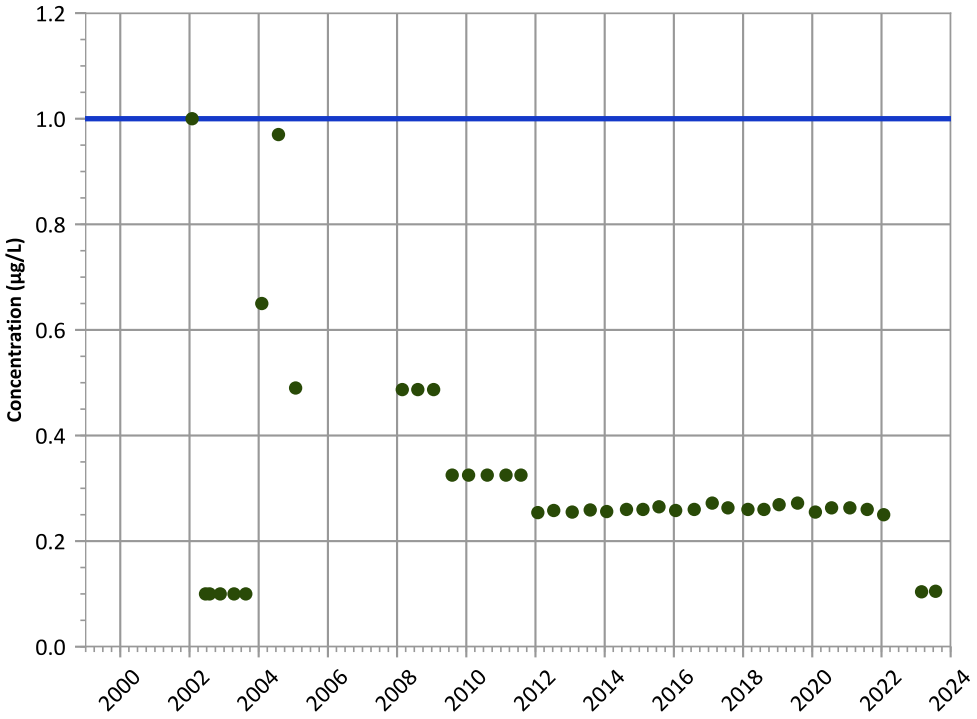


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

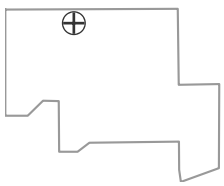
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

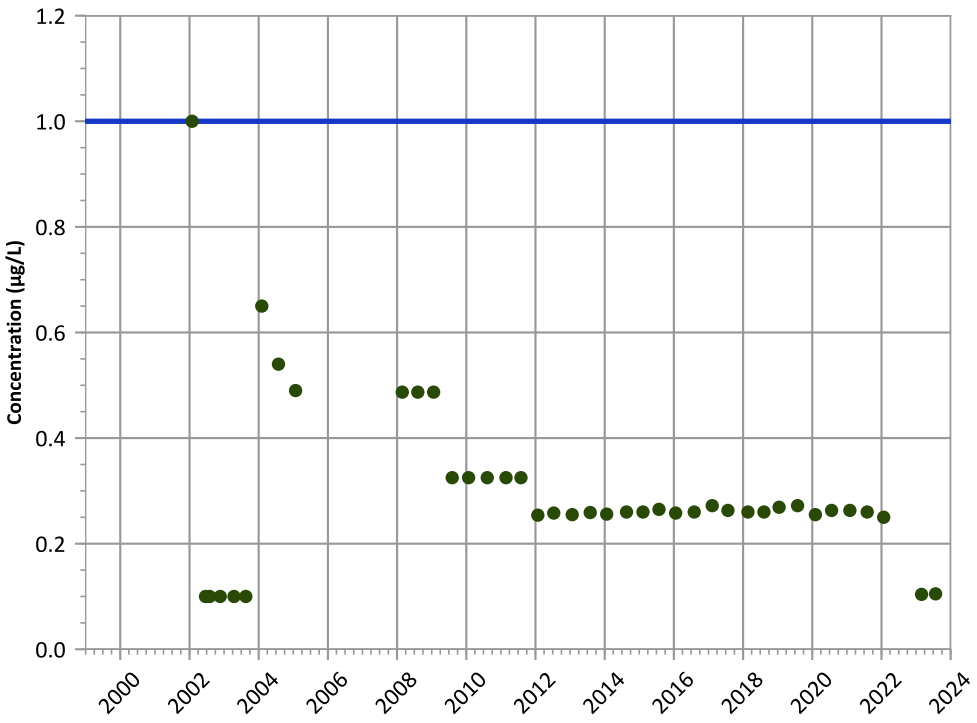
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
— Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

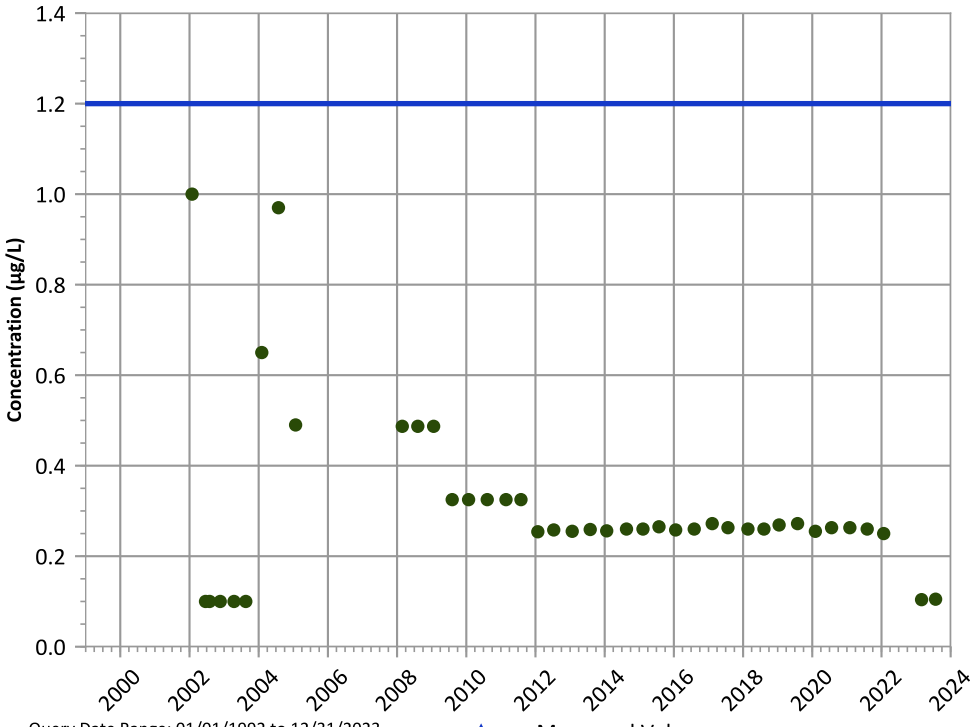
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



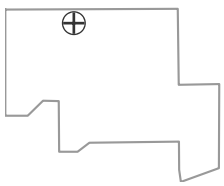
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

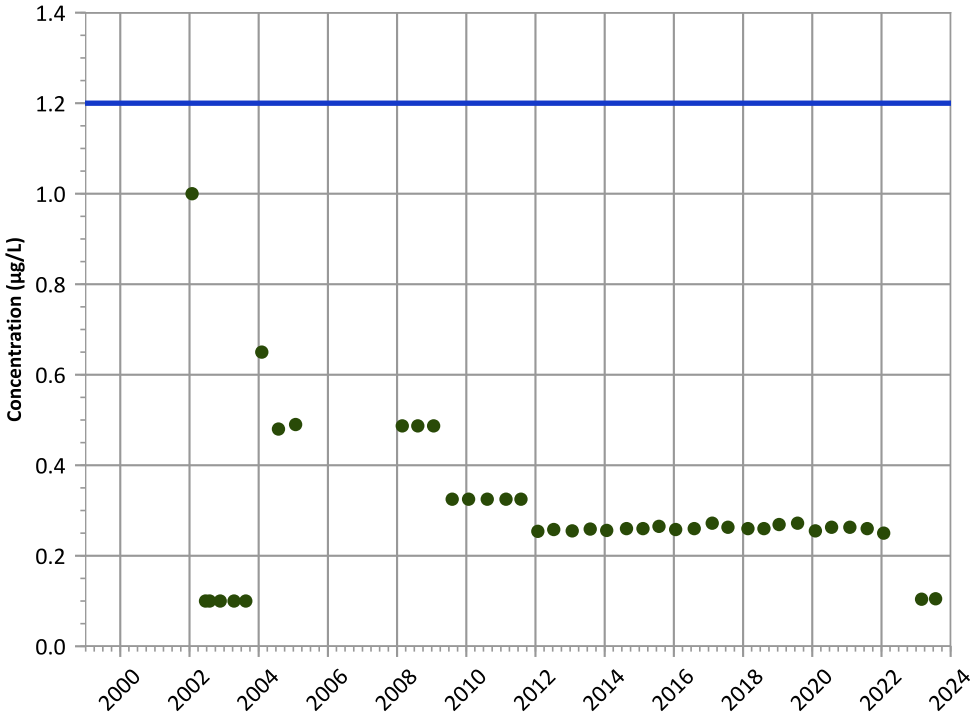
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

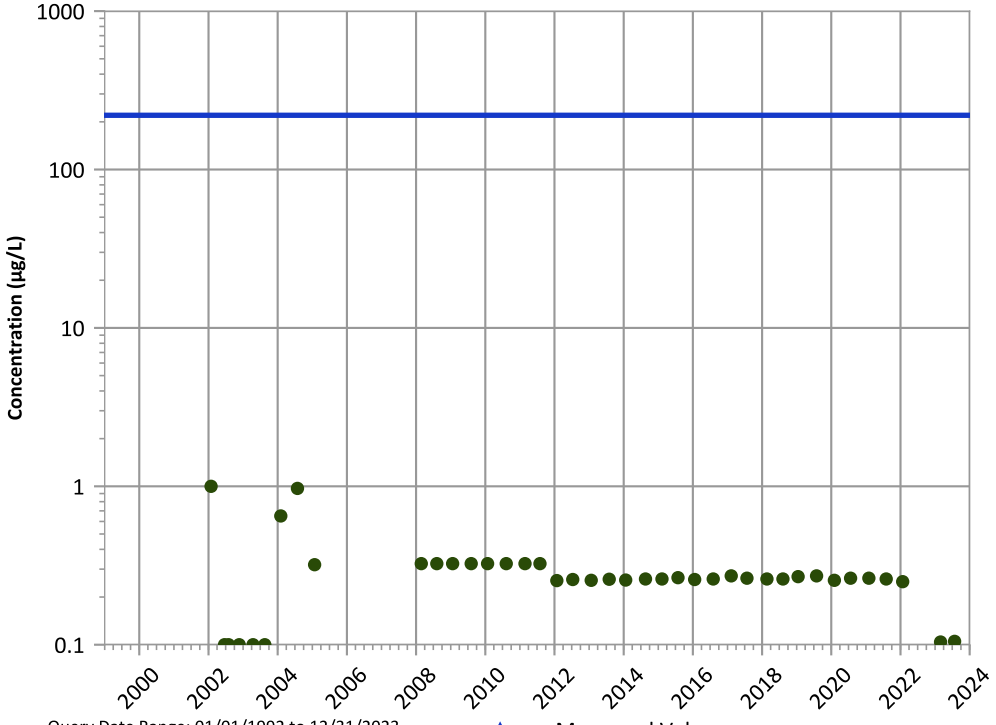


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

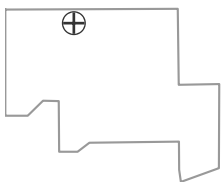
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

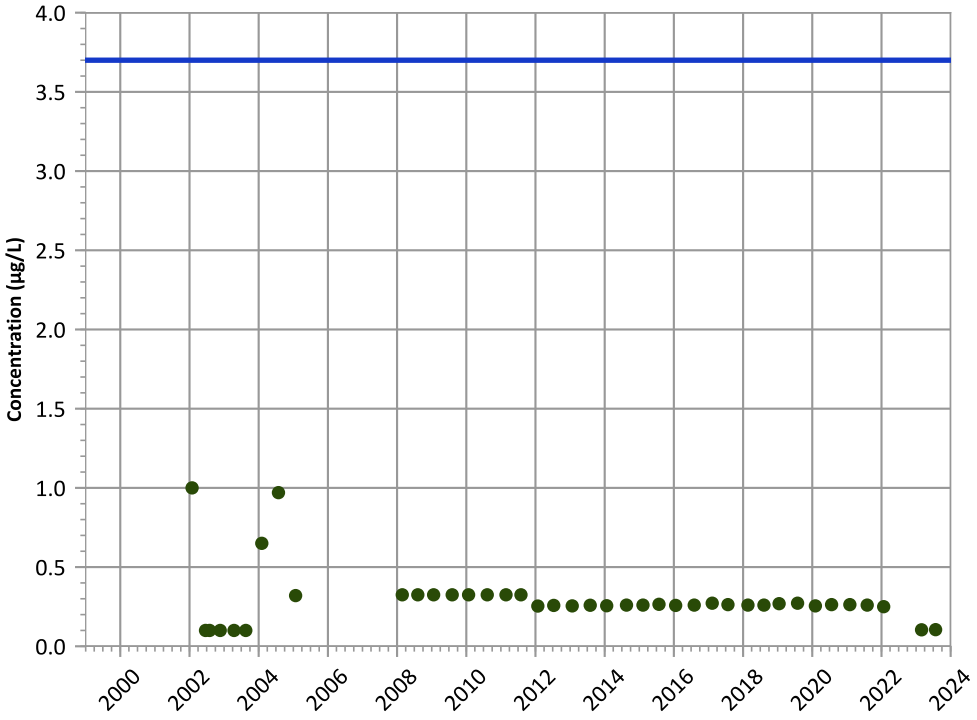
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

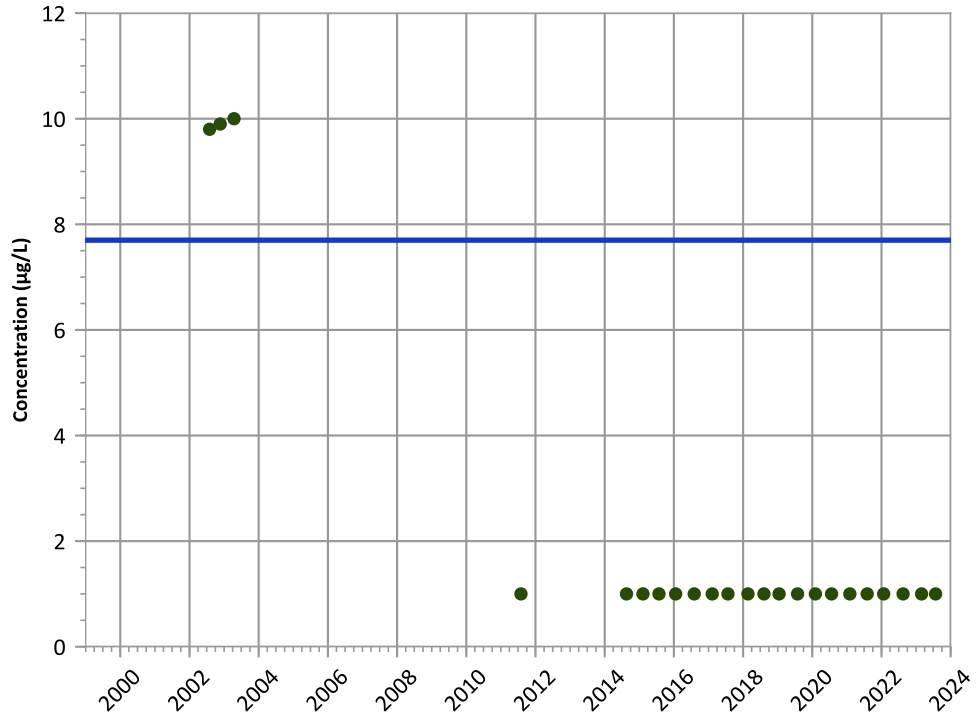


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

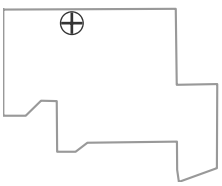


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

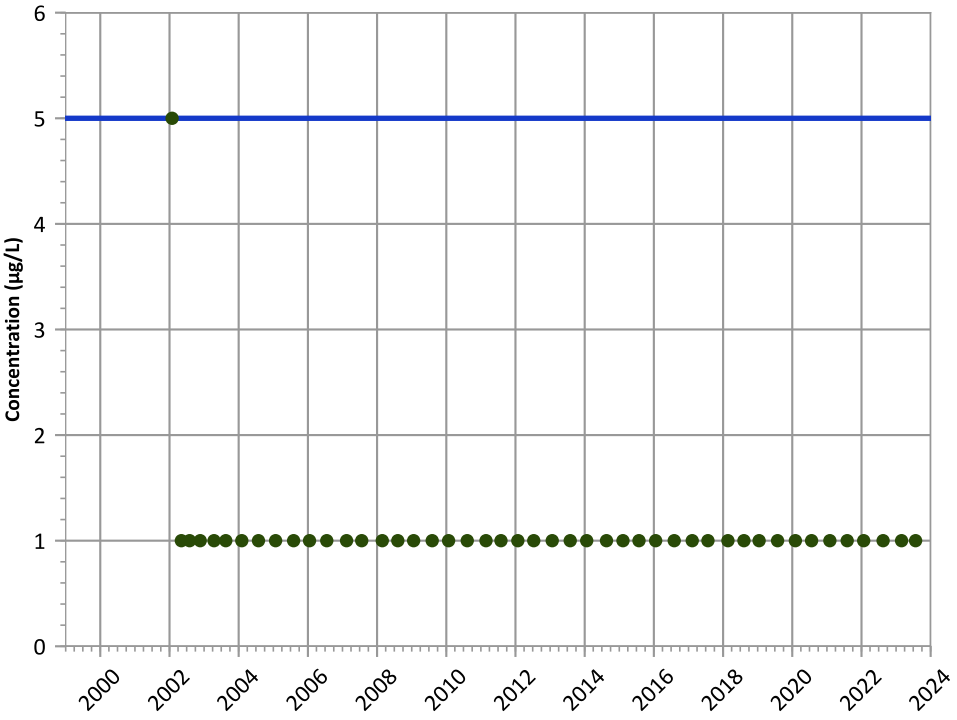


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

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

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

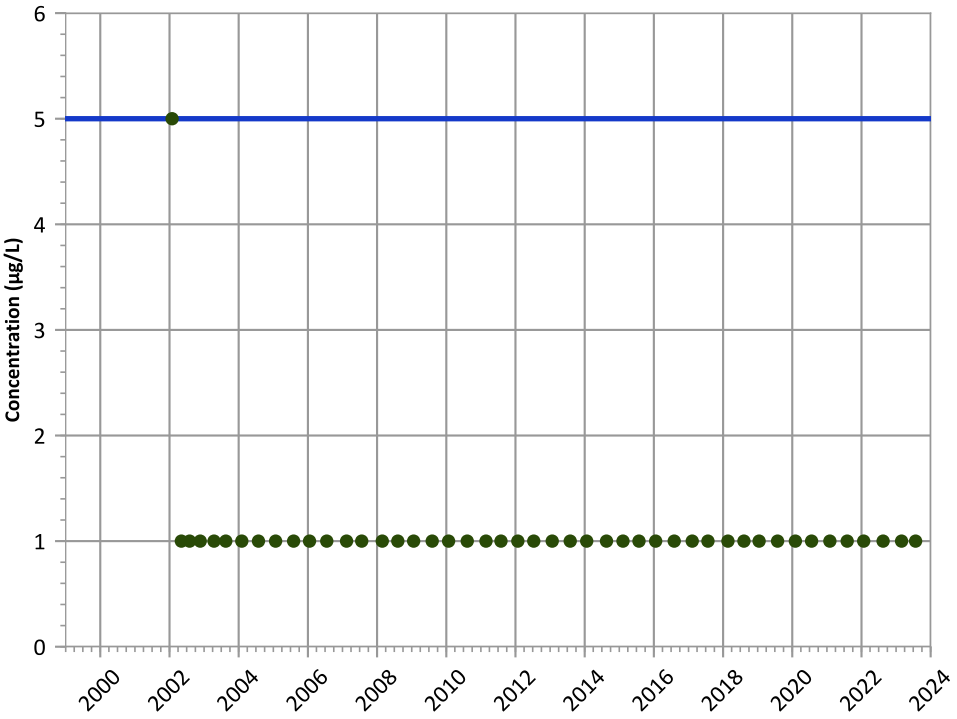
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



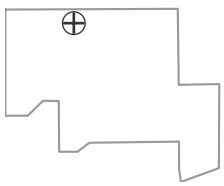
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

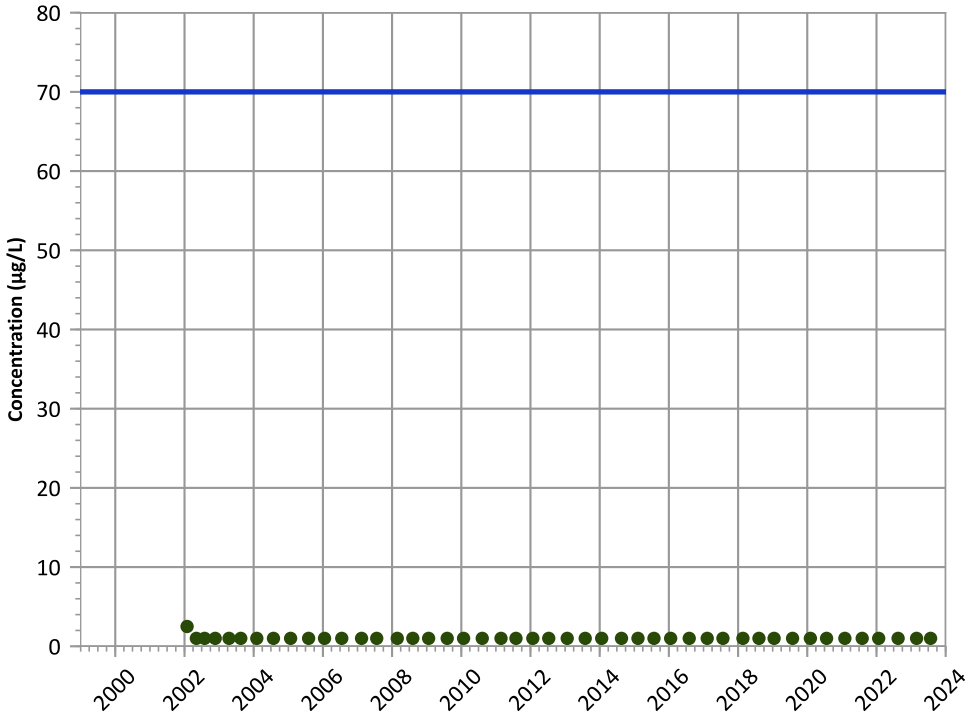
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

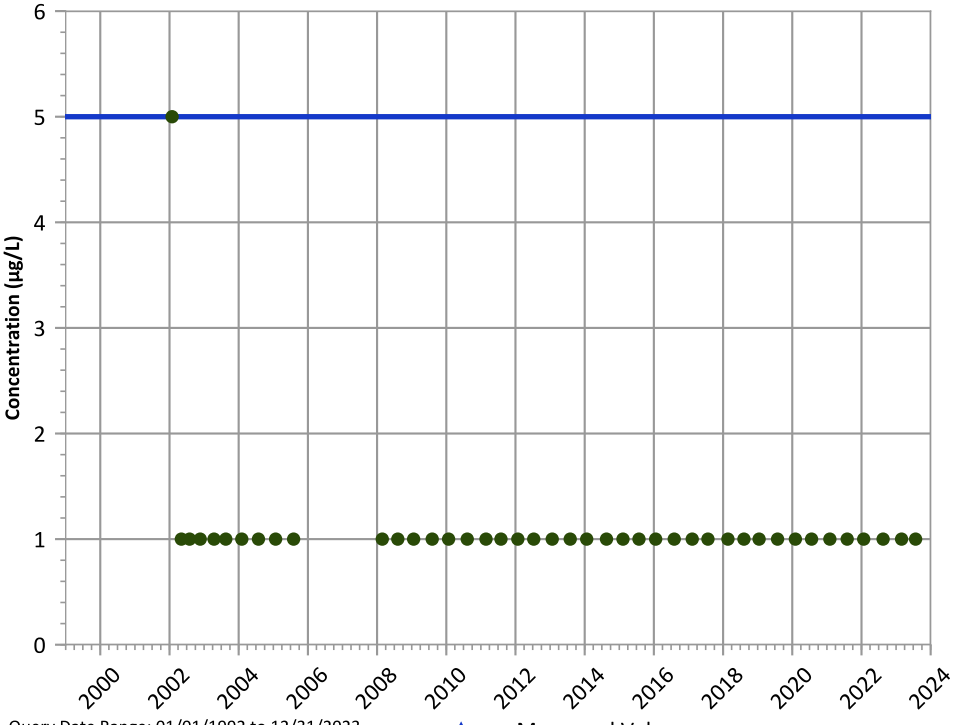


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

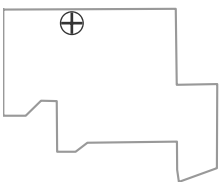


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

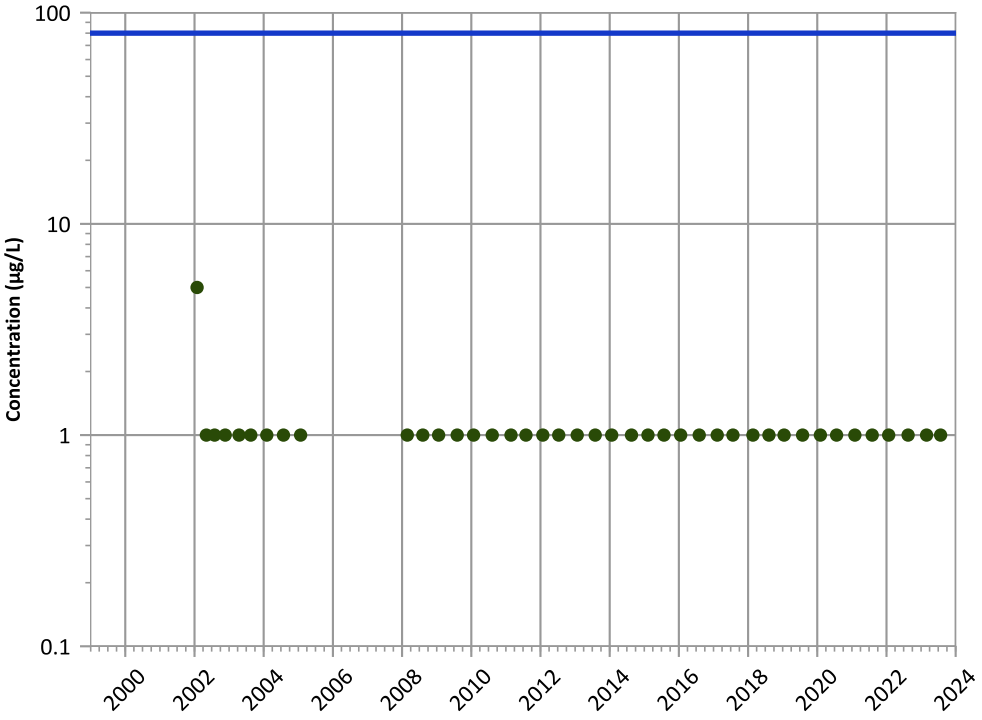


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

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

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

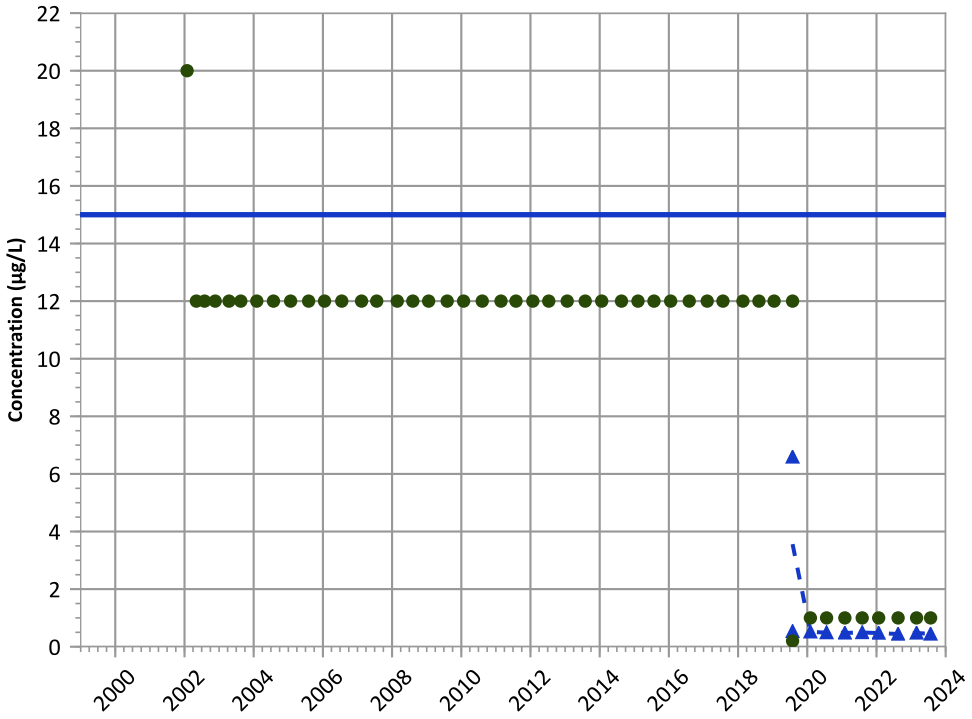


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

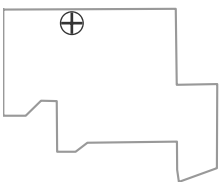
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

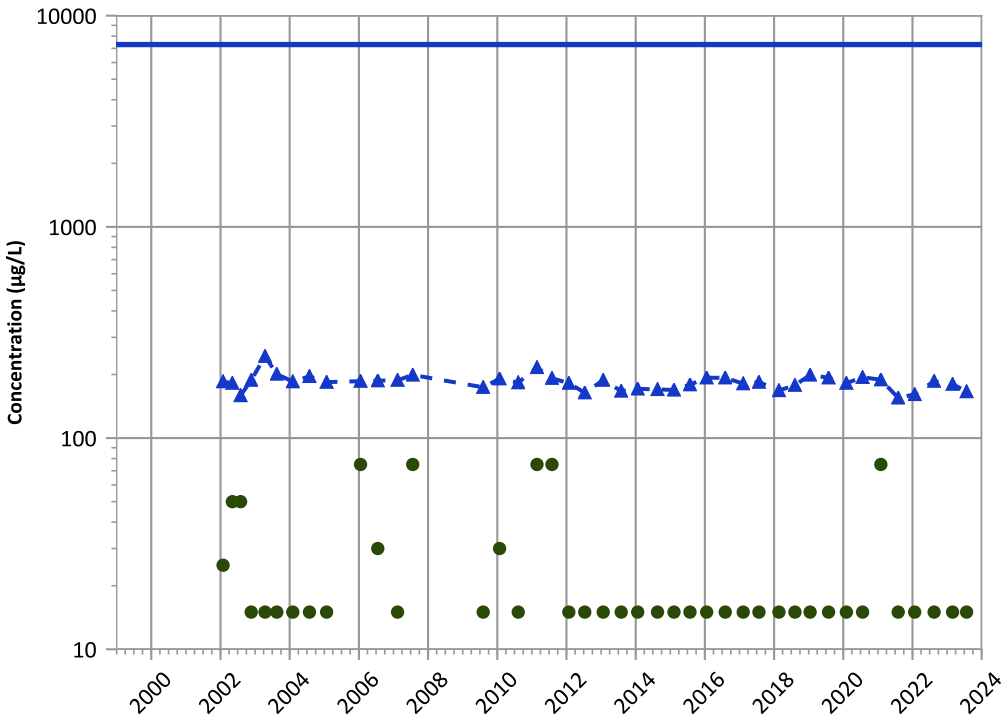
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

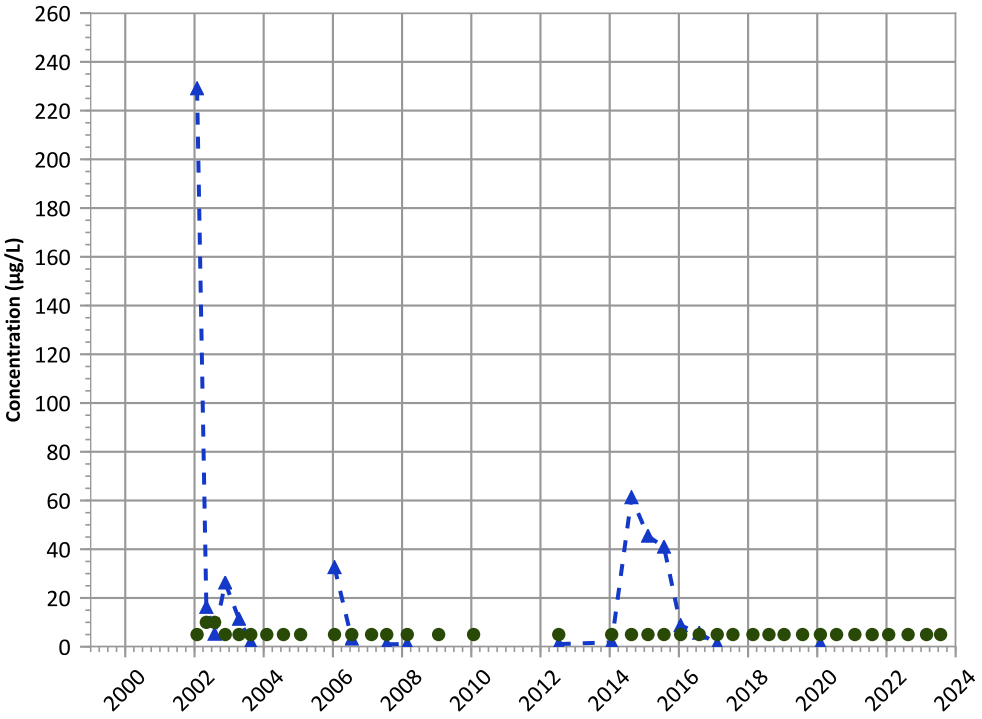


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

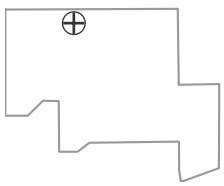
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

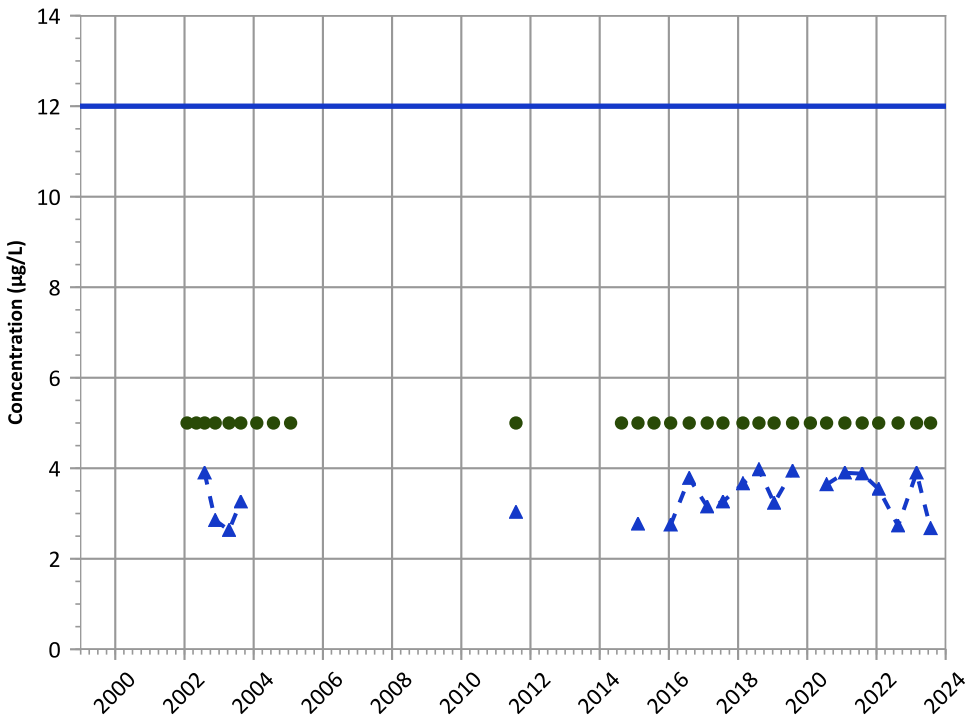
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

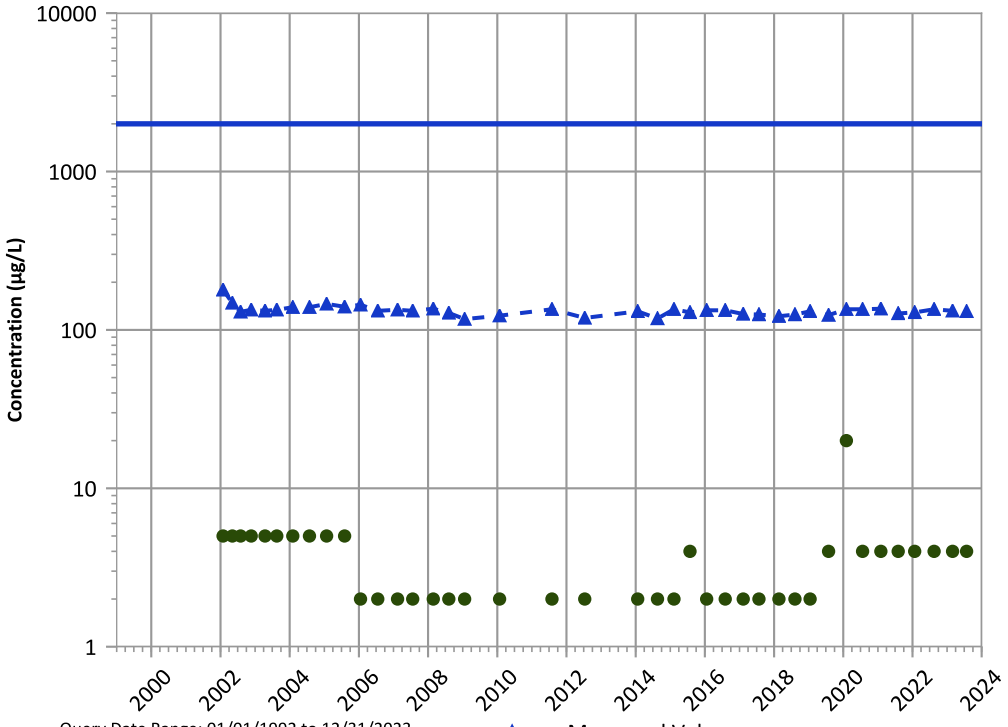
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Barium Trend



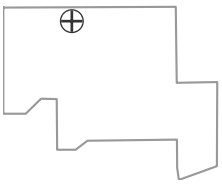
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

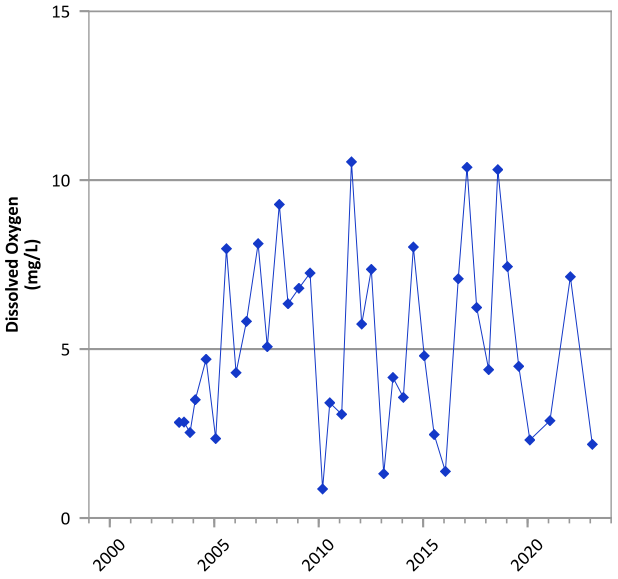
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 01/28/2002 to 07/26/2023
Analysis Date: 03/29/2024

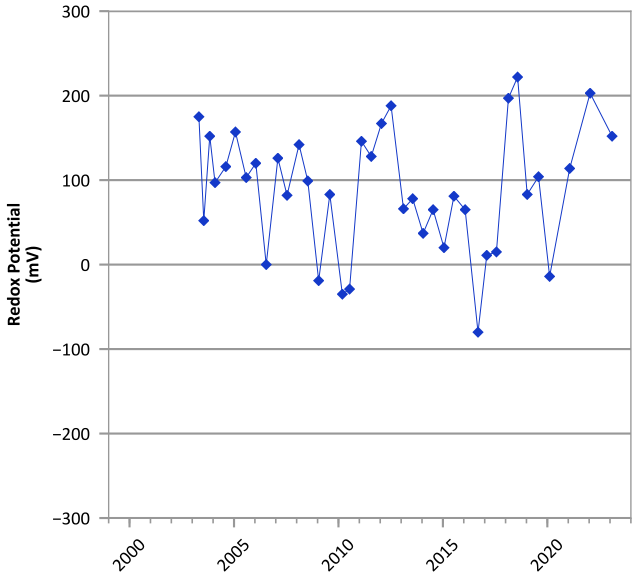
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

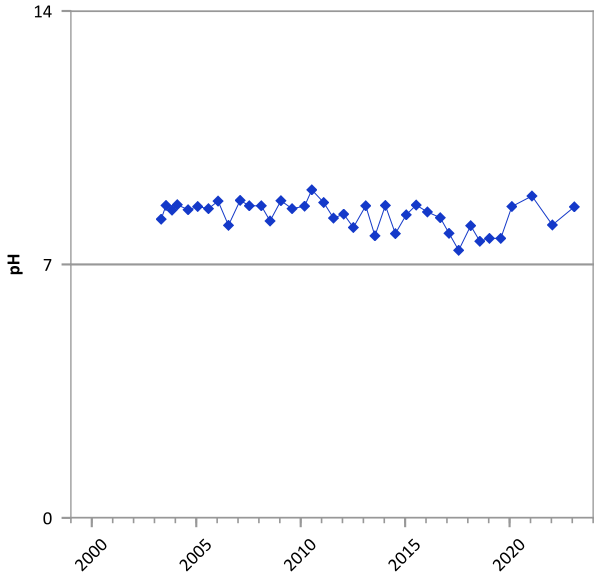
Well Location

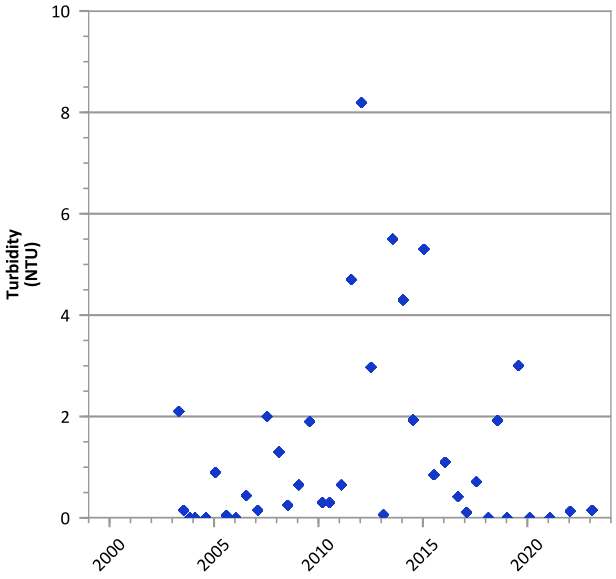


PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

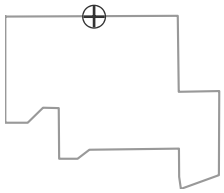






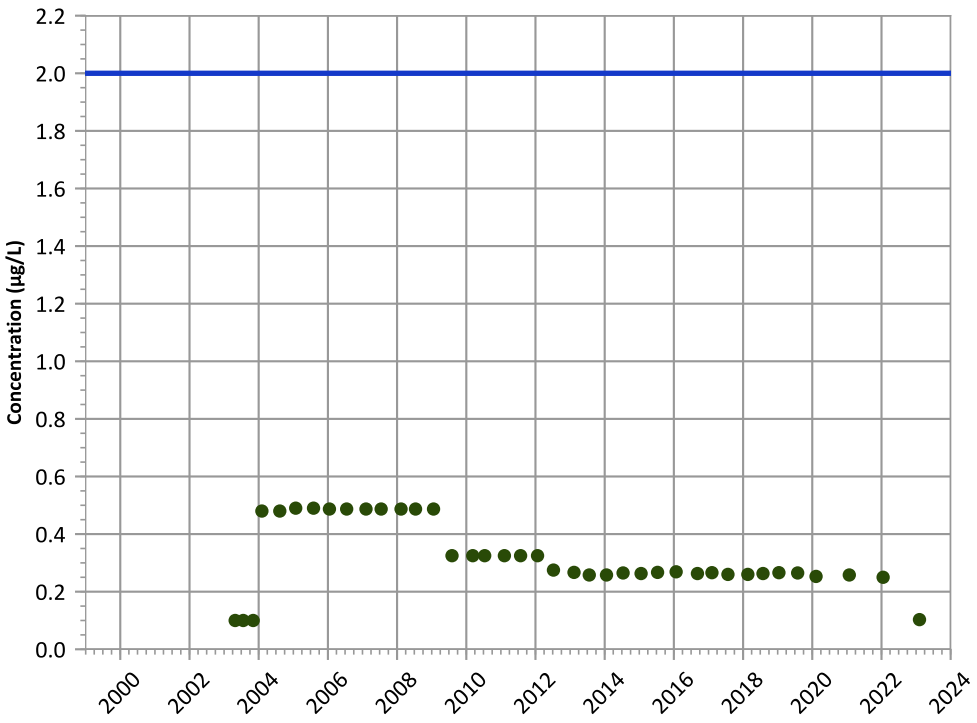


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

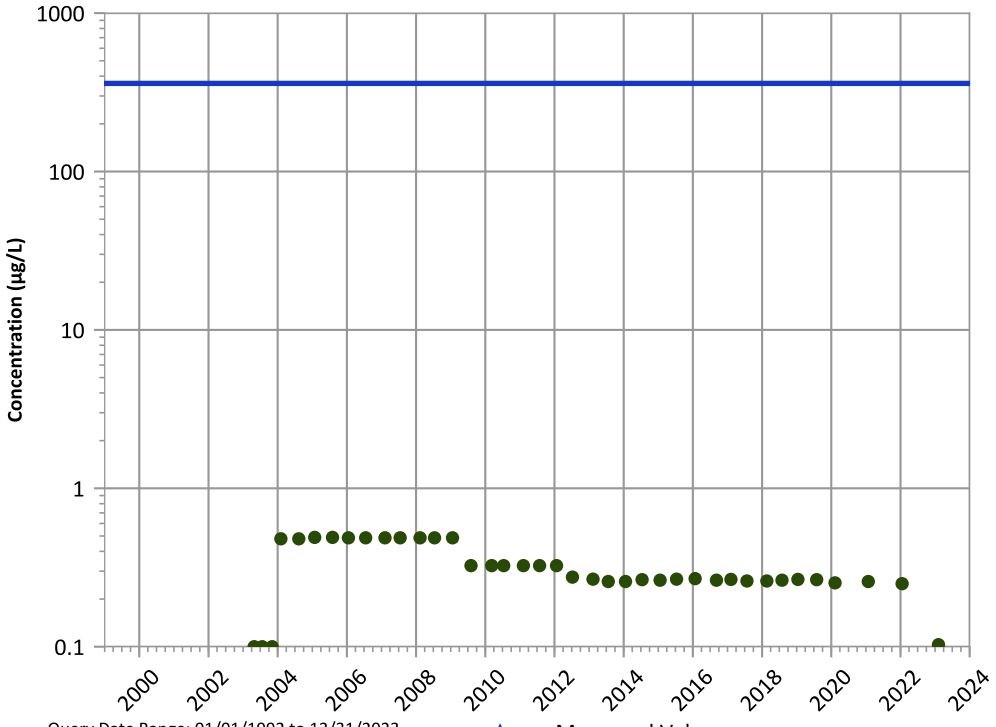


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

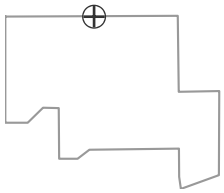
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

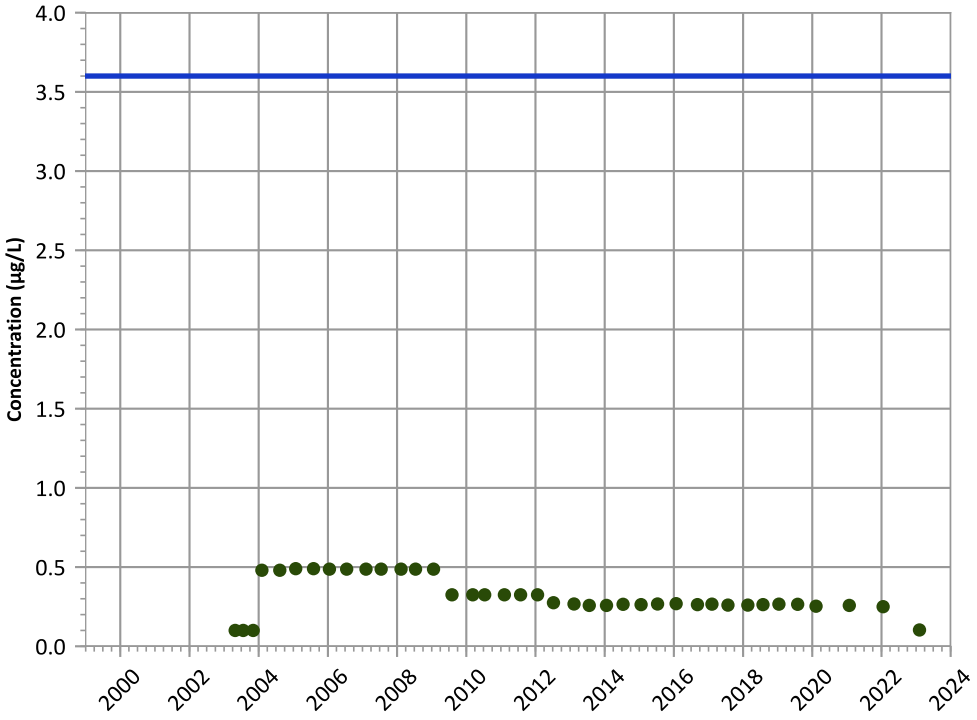
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

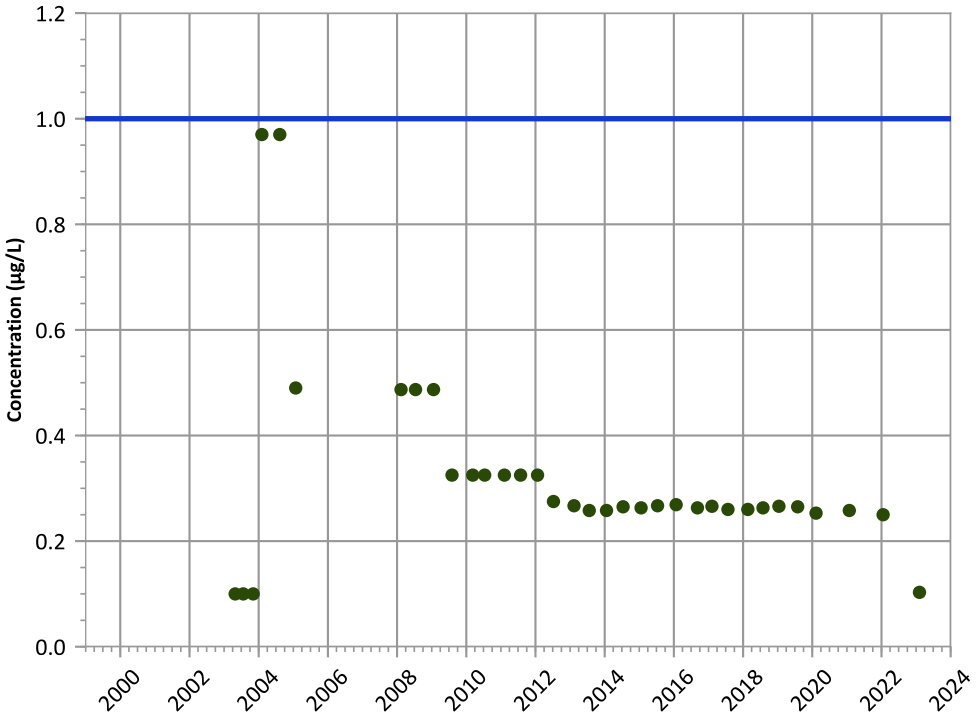


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

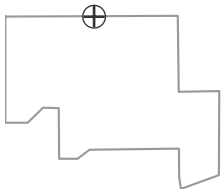
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

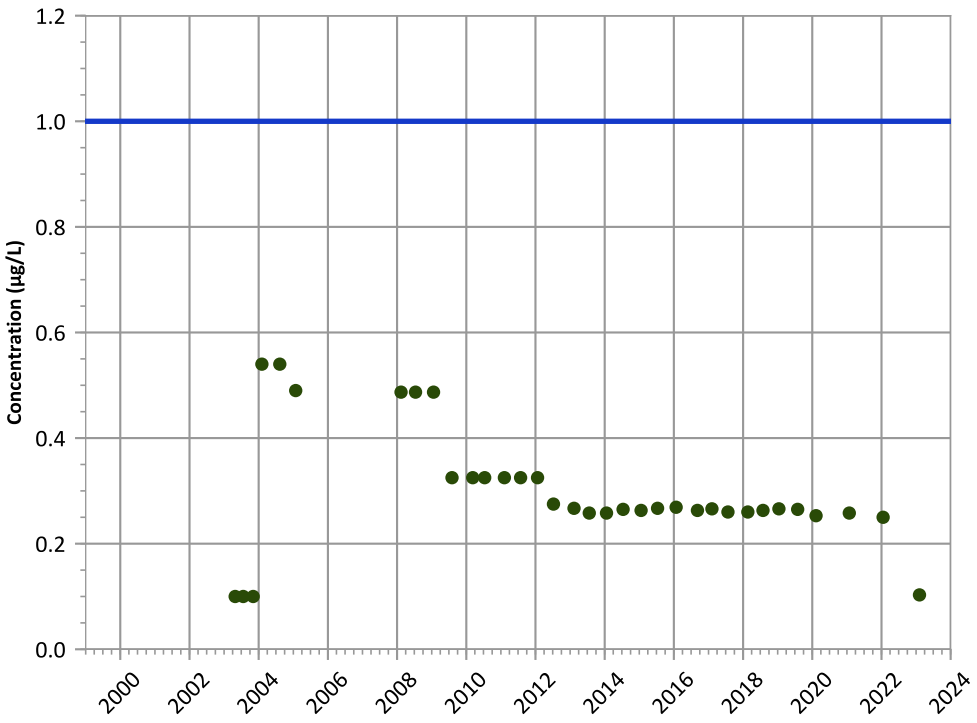
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

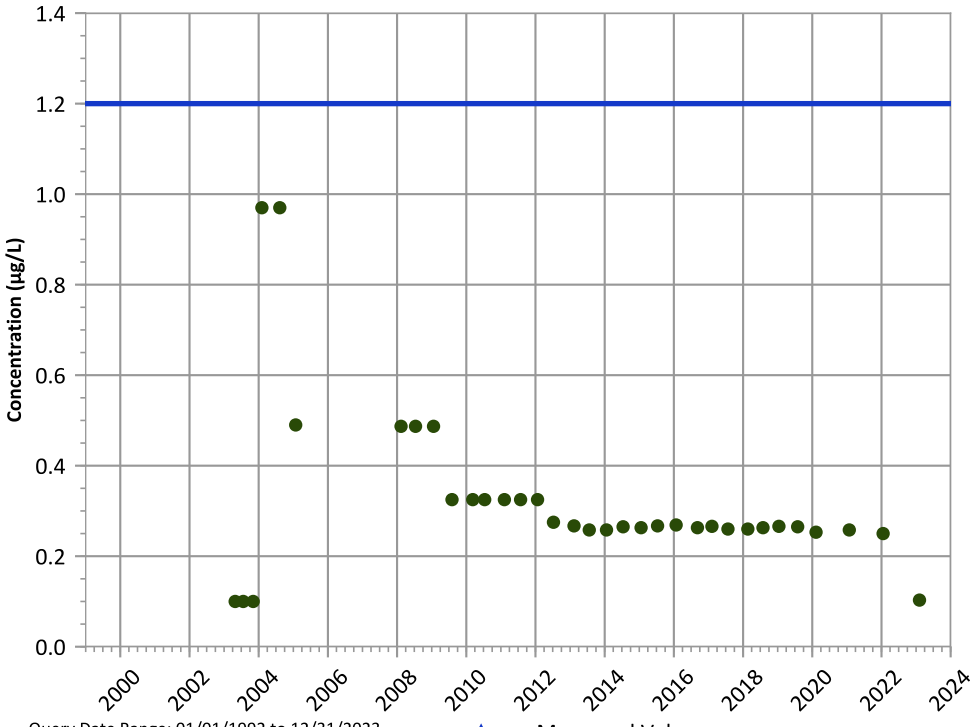


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

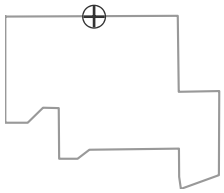
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

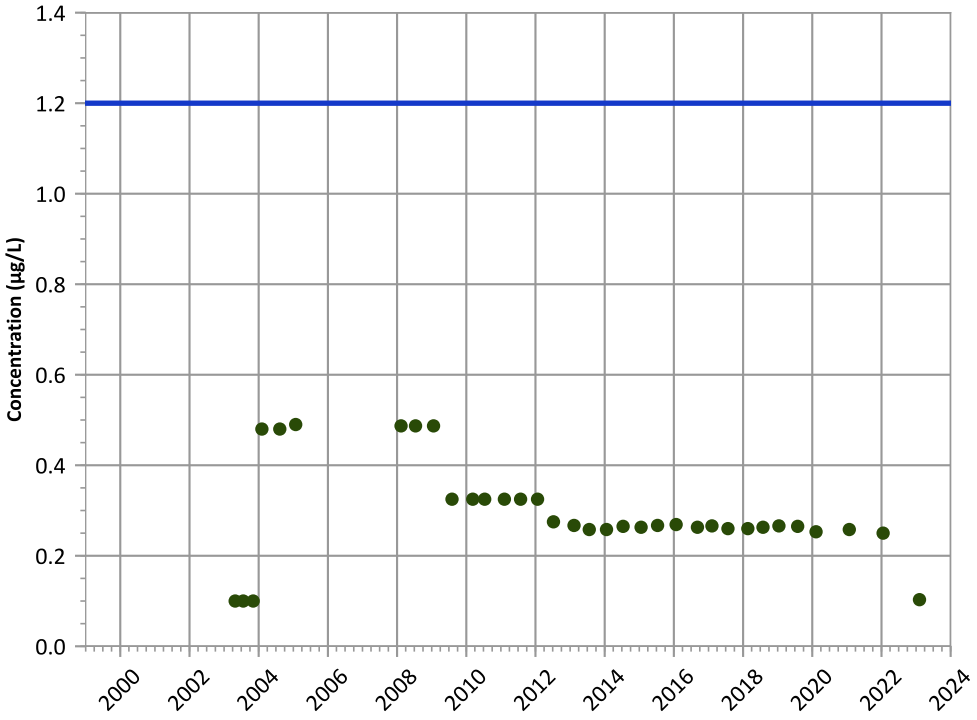
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

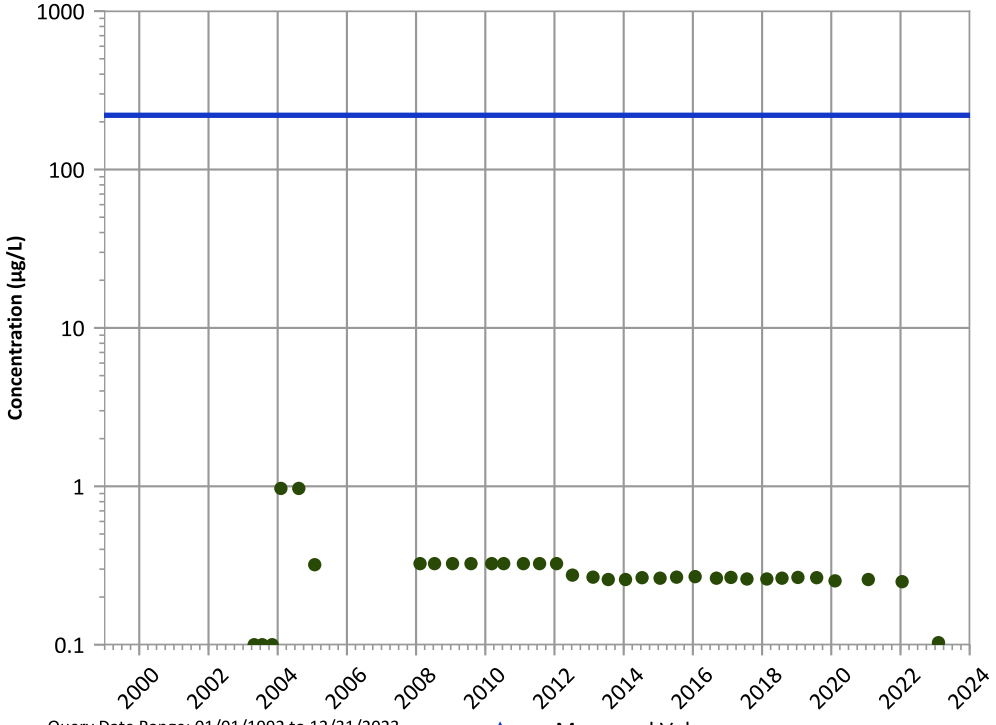
4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



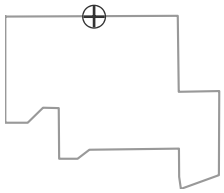
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

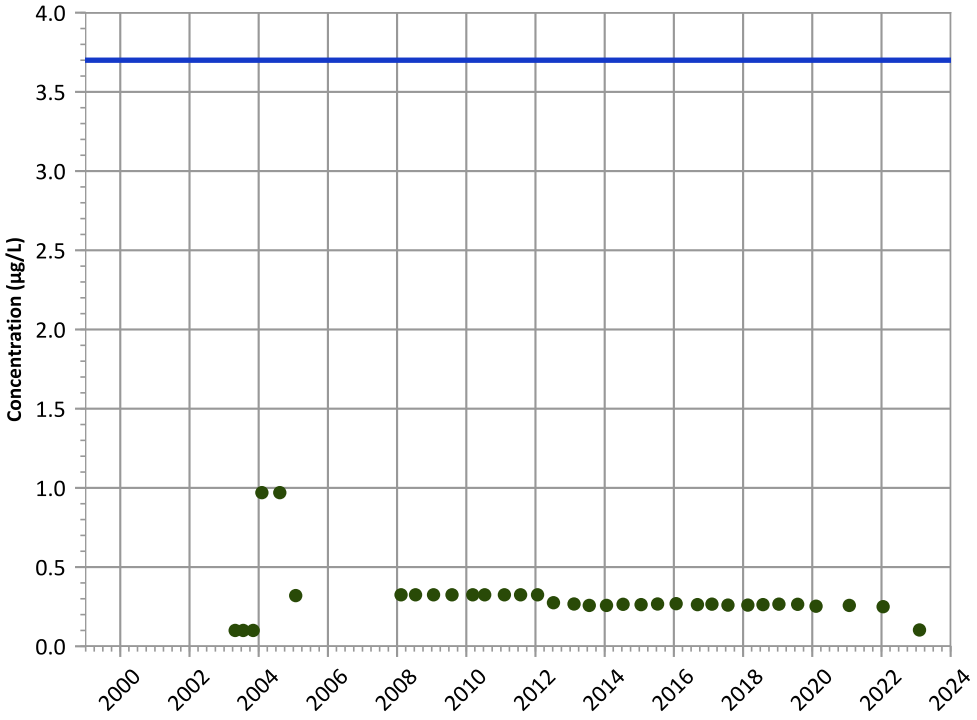
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

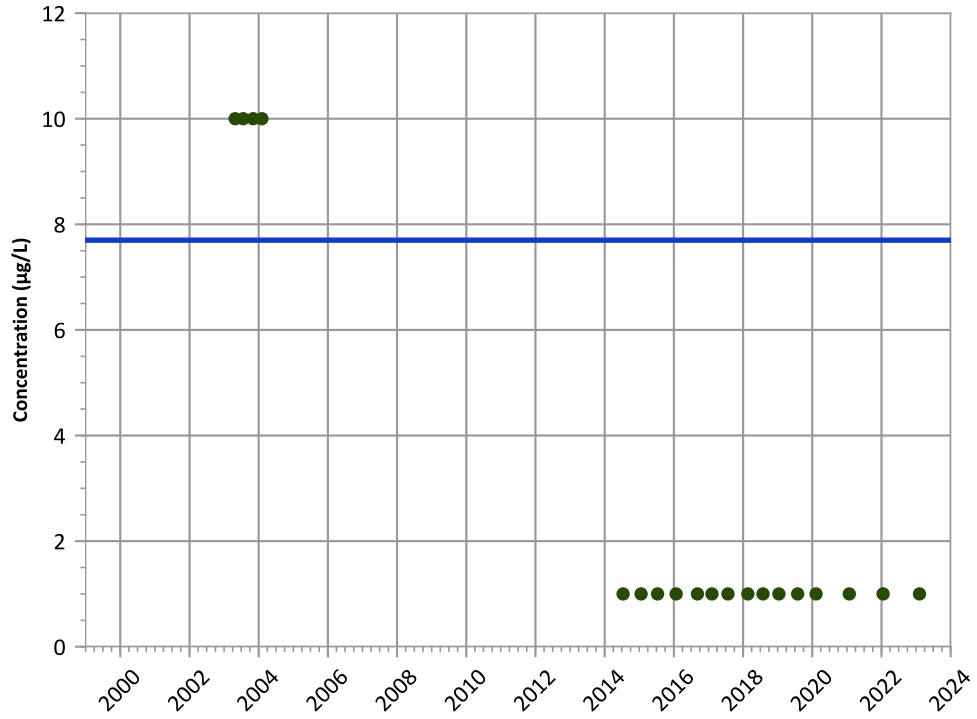


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

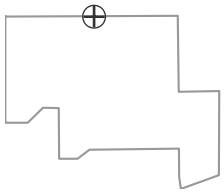


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

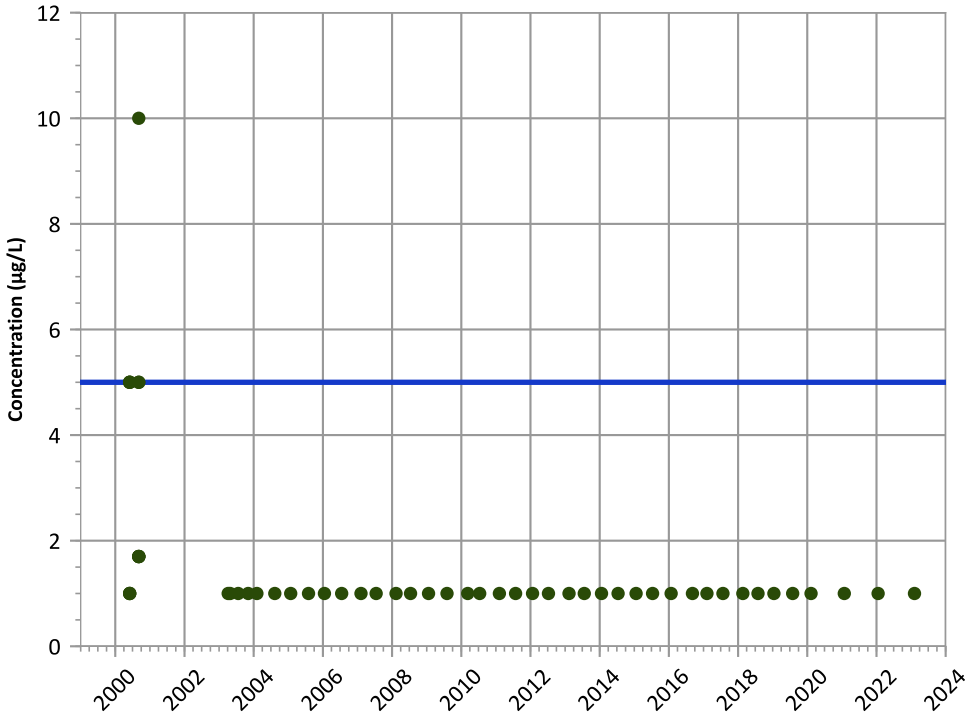


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

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

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

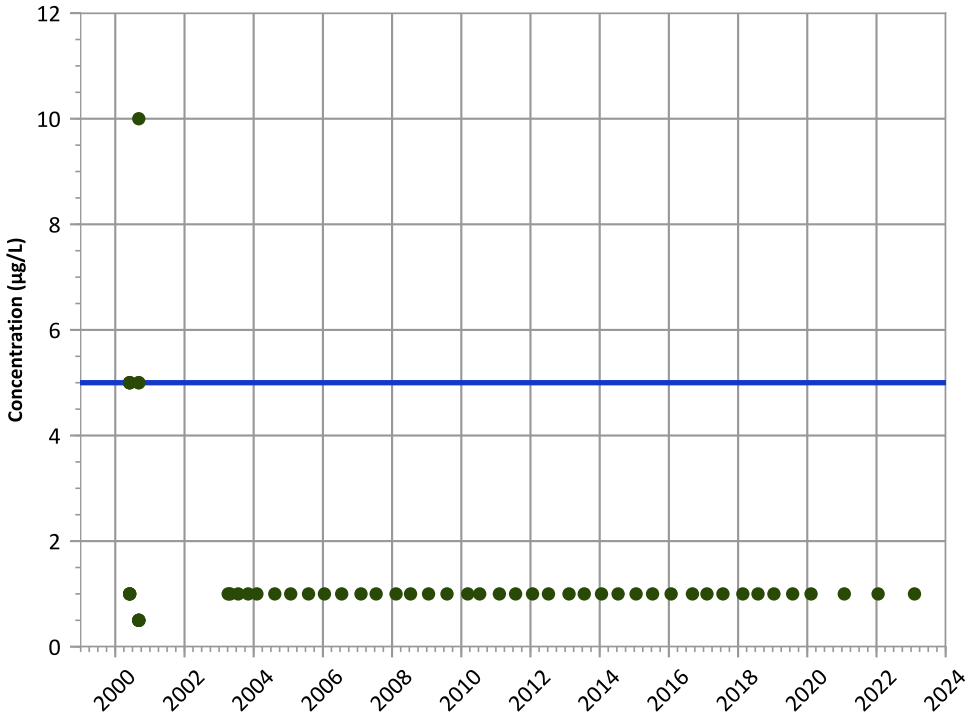


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



Concentration Trend

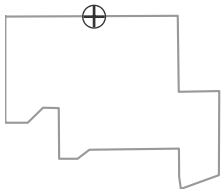
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

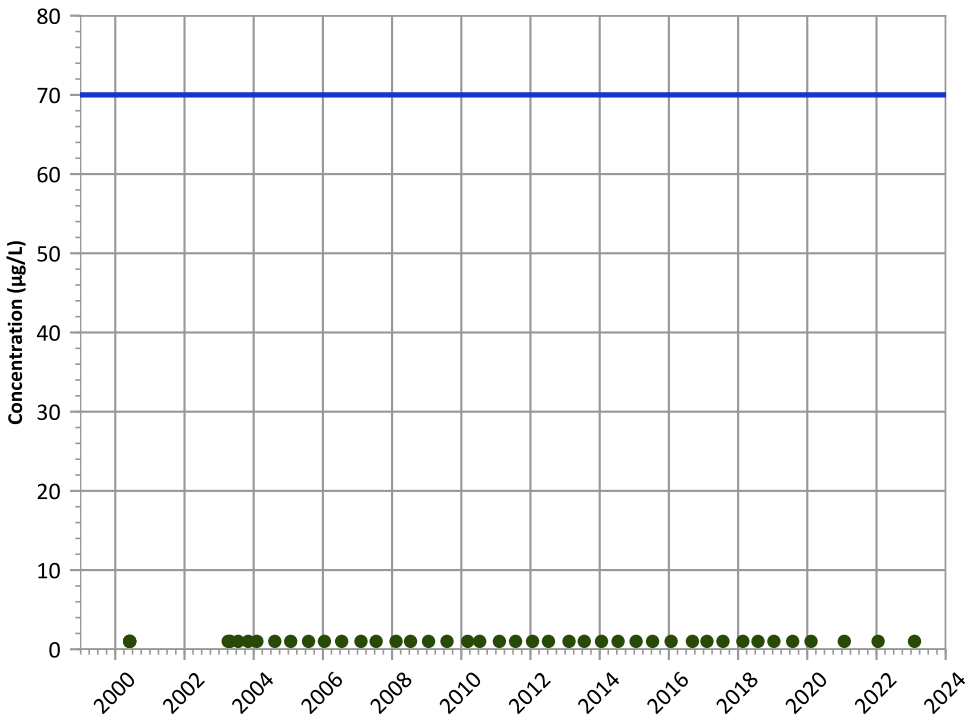
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

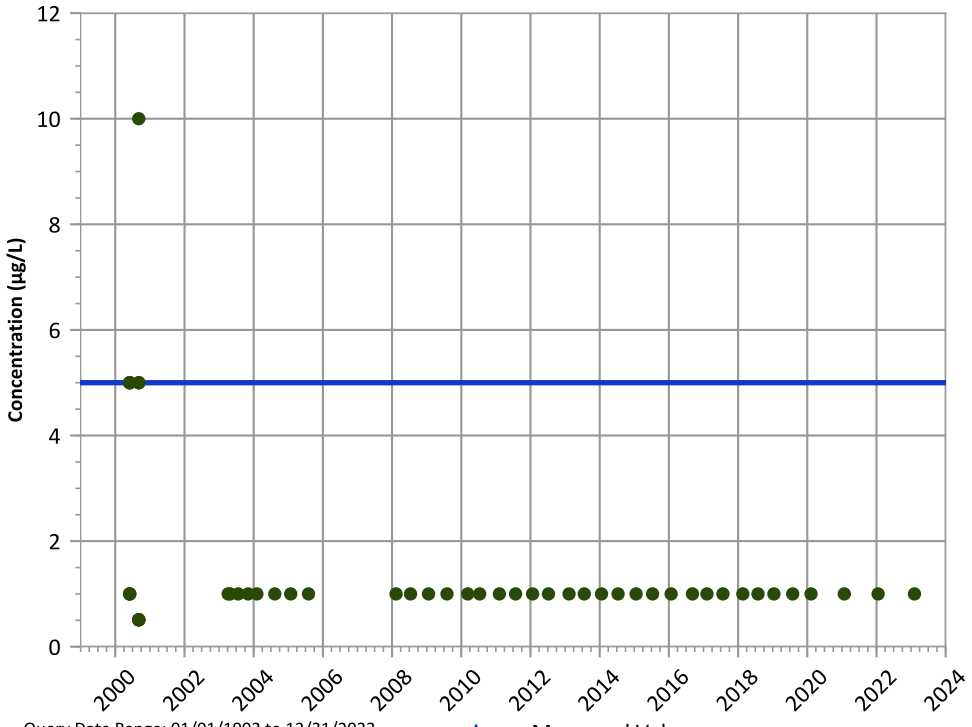


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

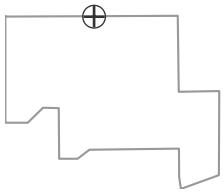
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

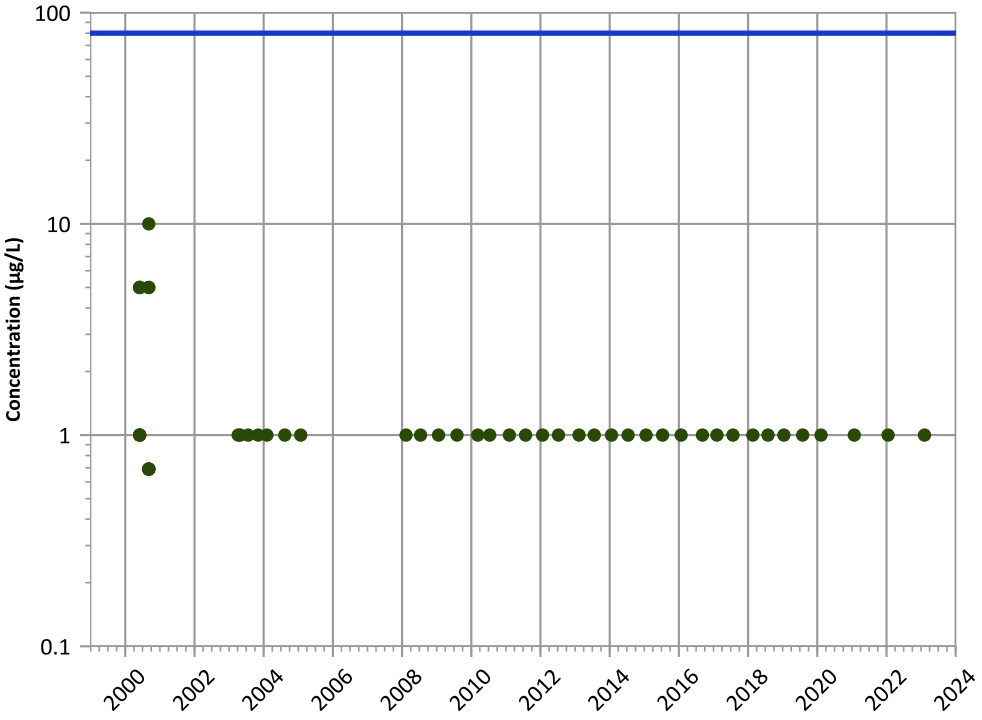
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

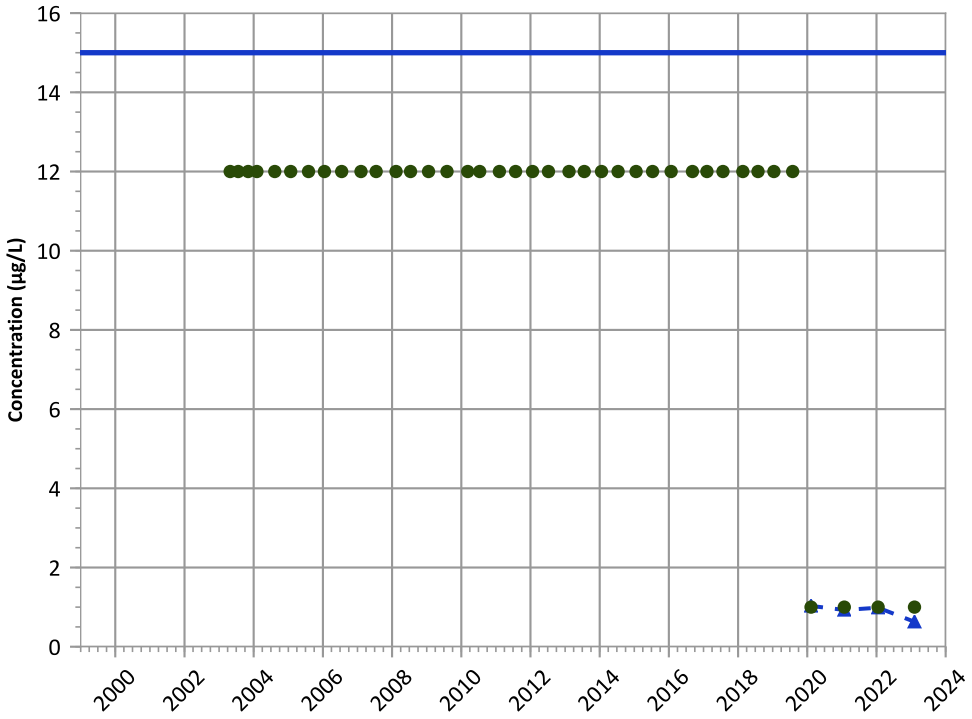
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



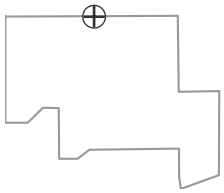
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

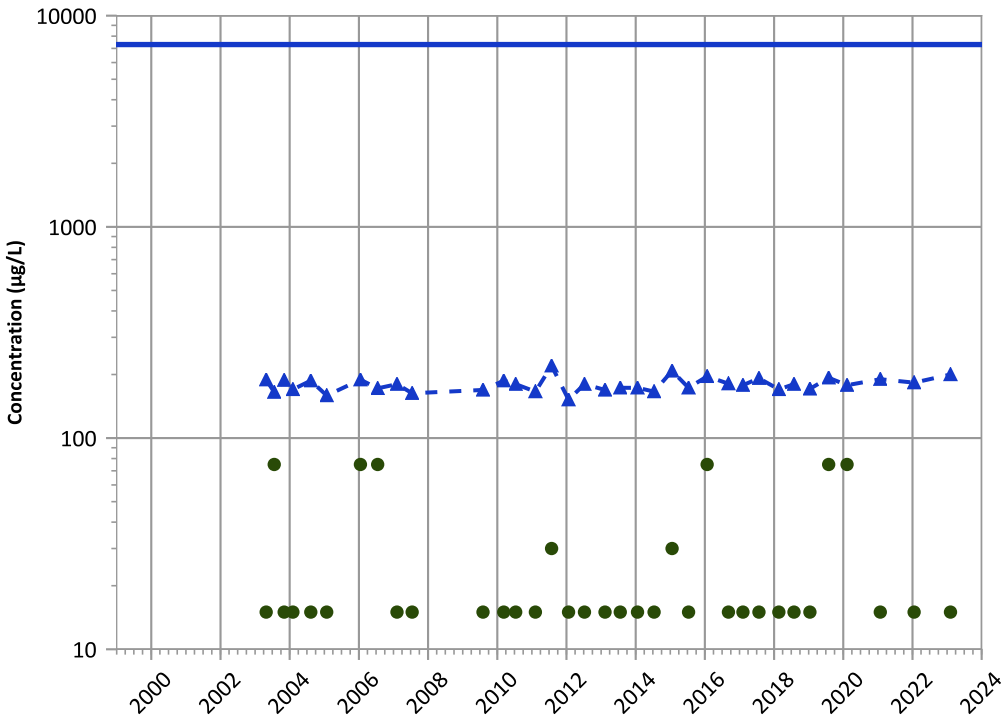
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

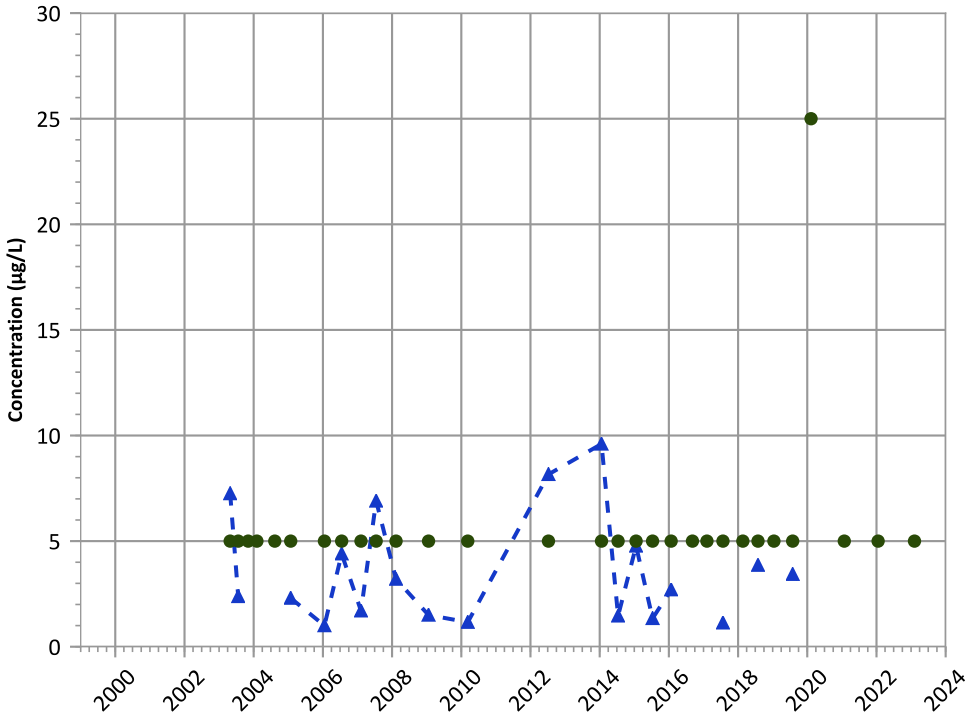


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Manganese Trend



Concentration Trend

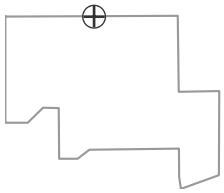
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

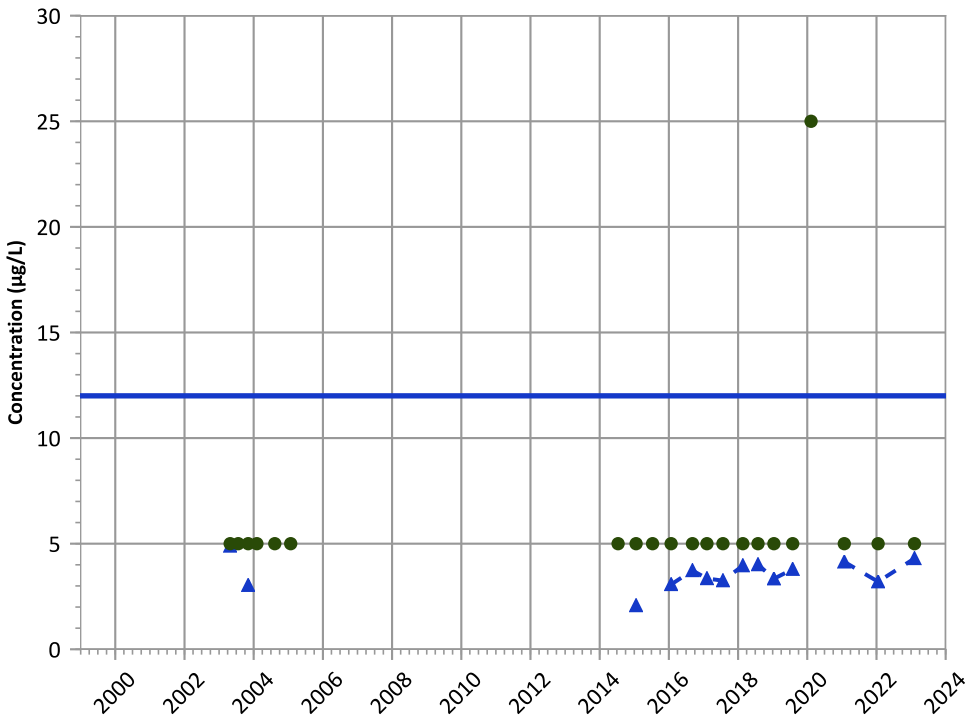
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

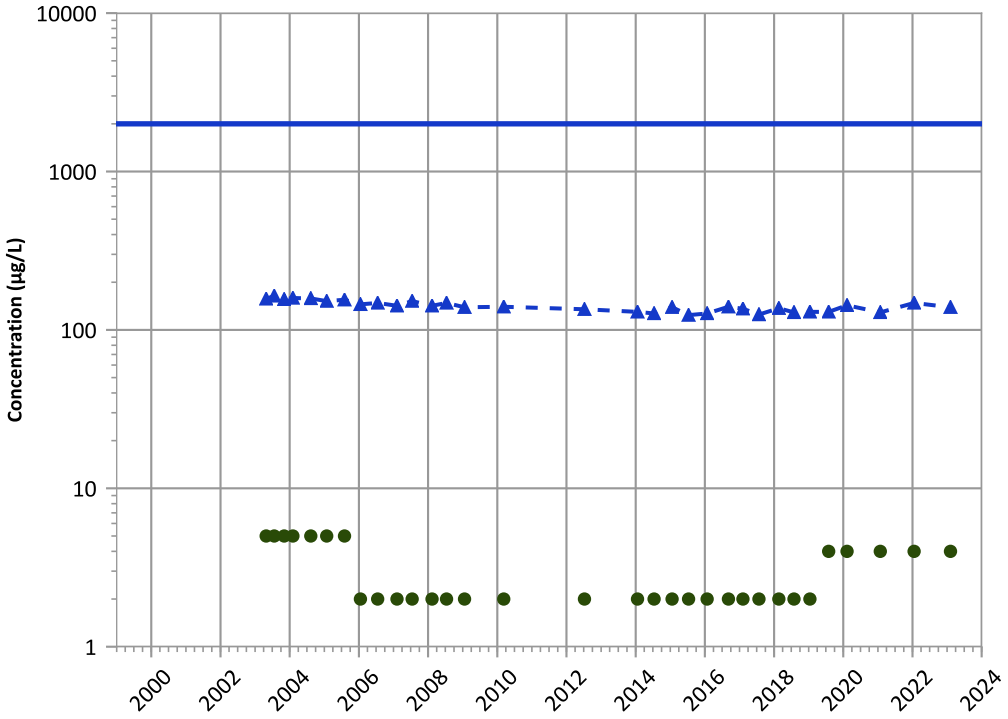


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Barium Trend



Concentration Trend

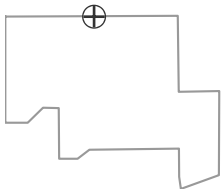
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

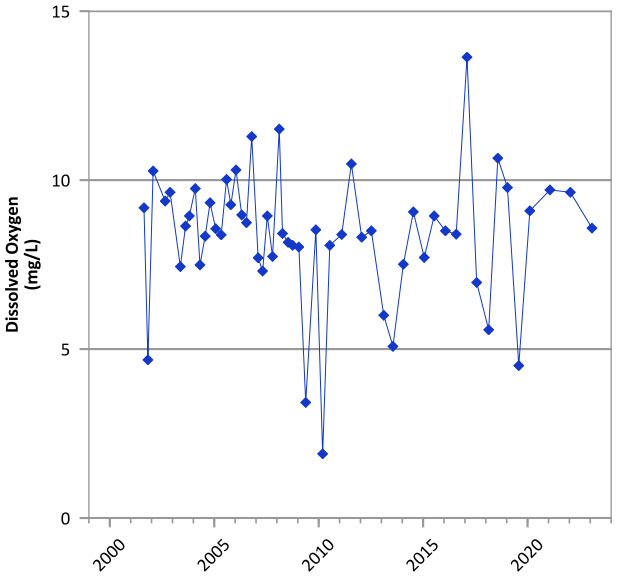
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 02/06/2023
Analysis Date: 03/29/2024

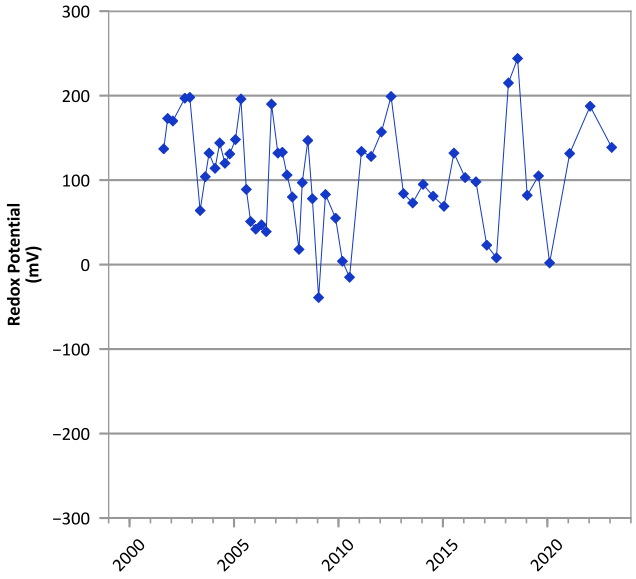
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

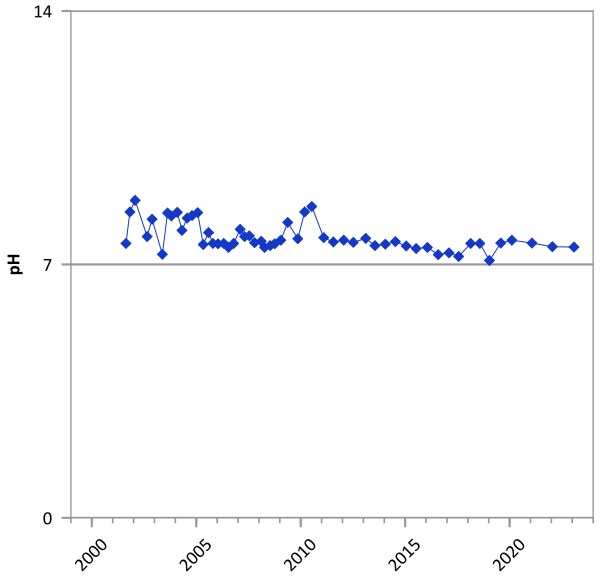
Well Location

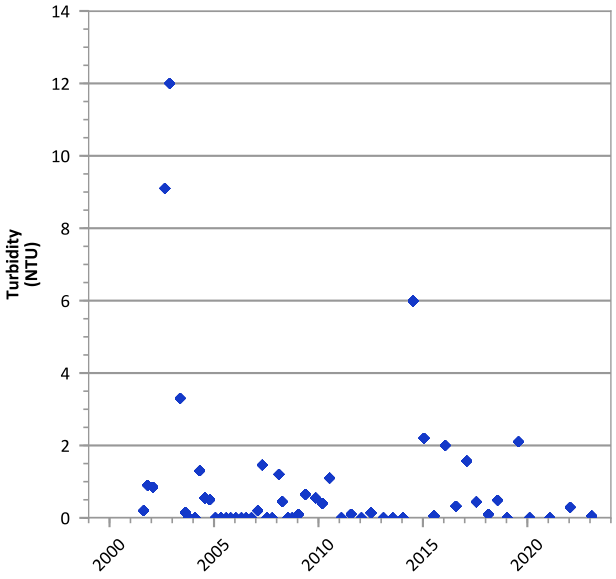


PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

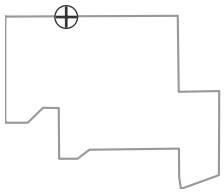






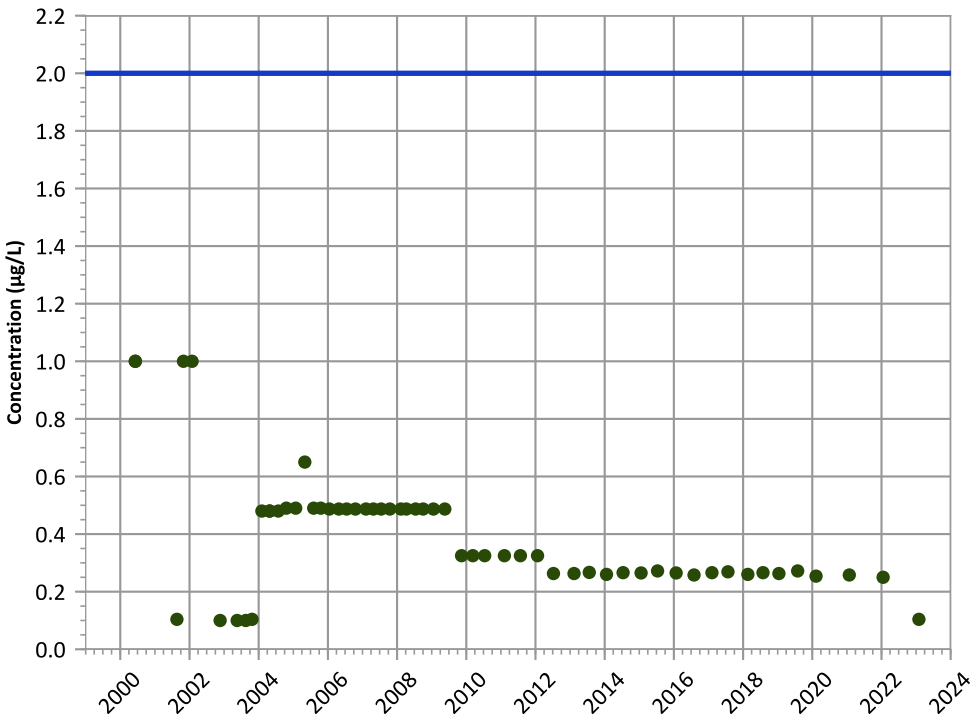


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

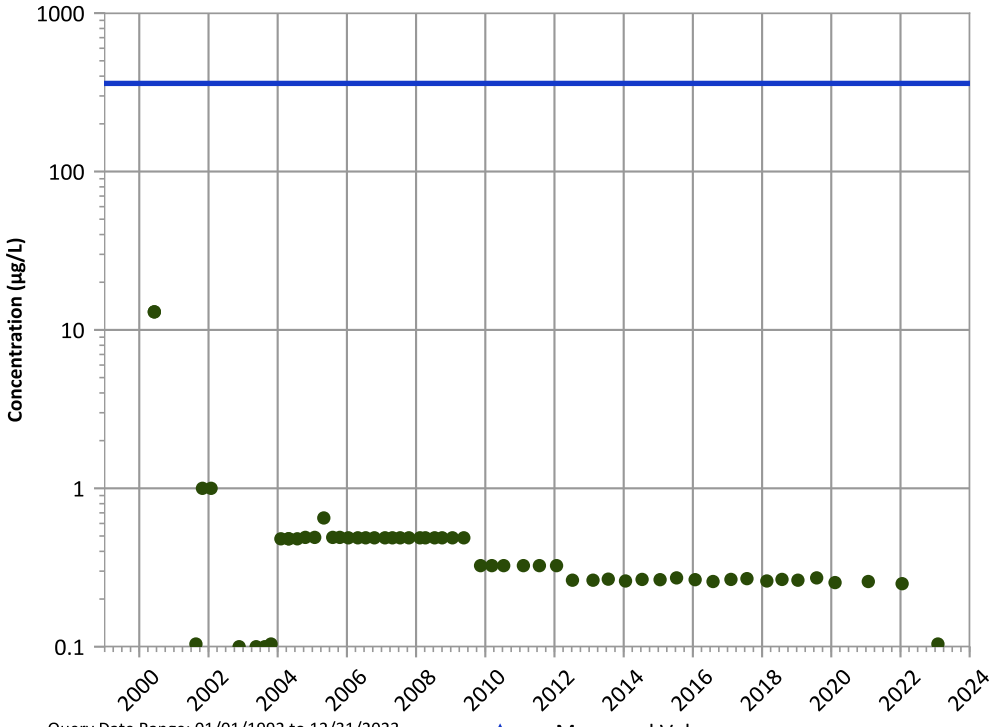


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

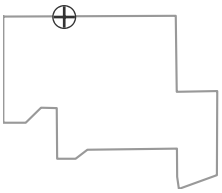


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

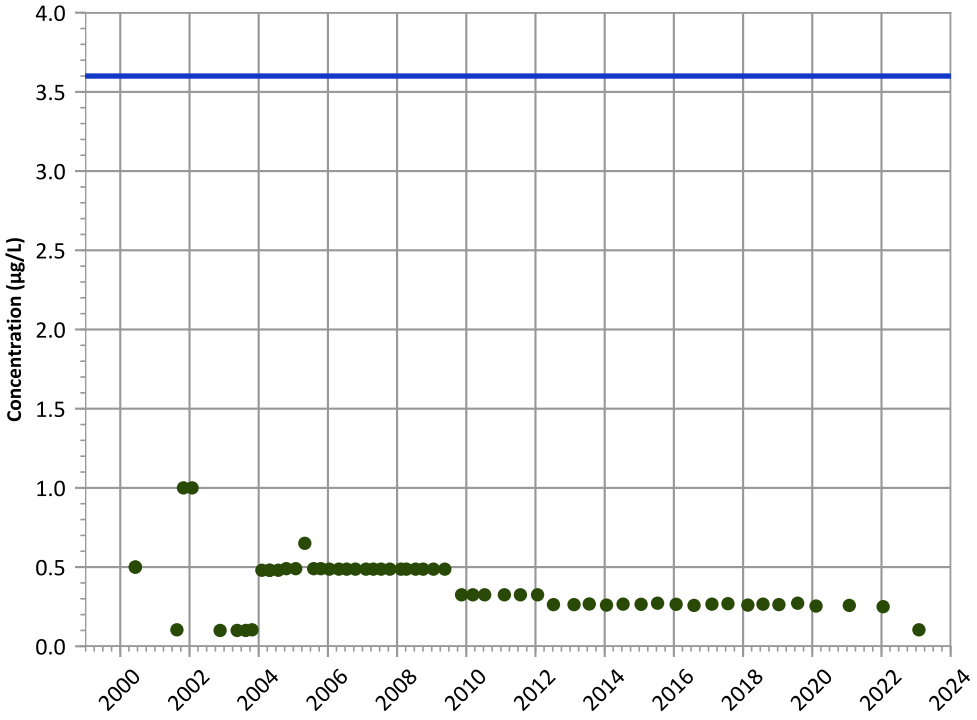


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

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

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

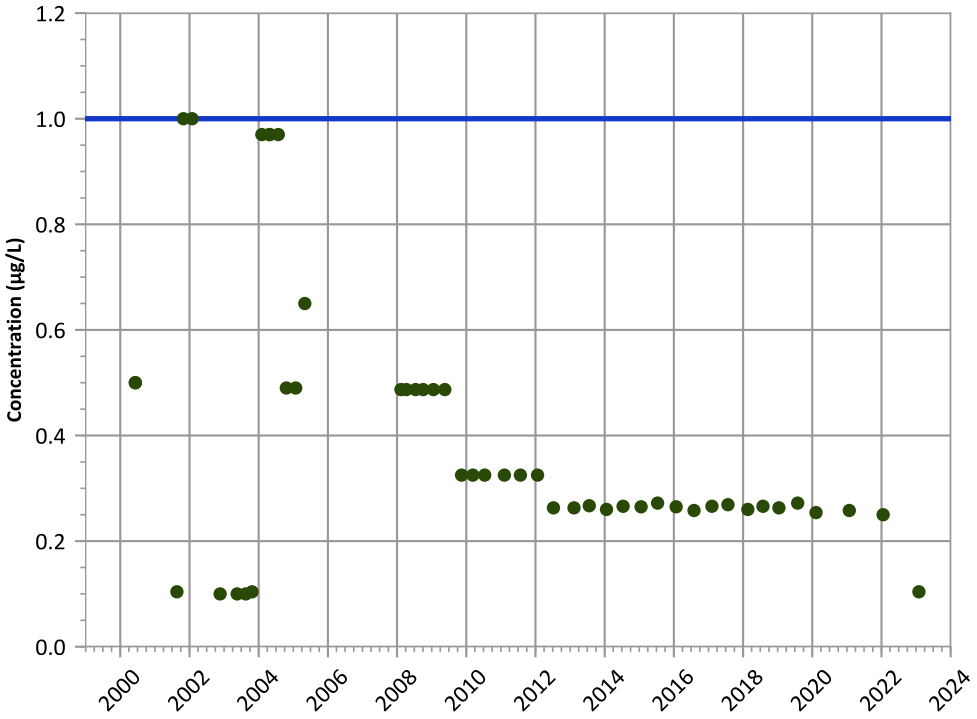
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



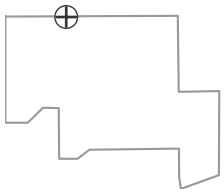
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

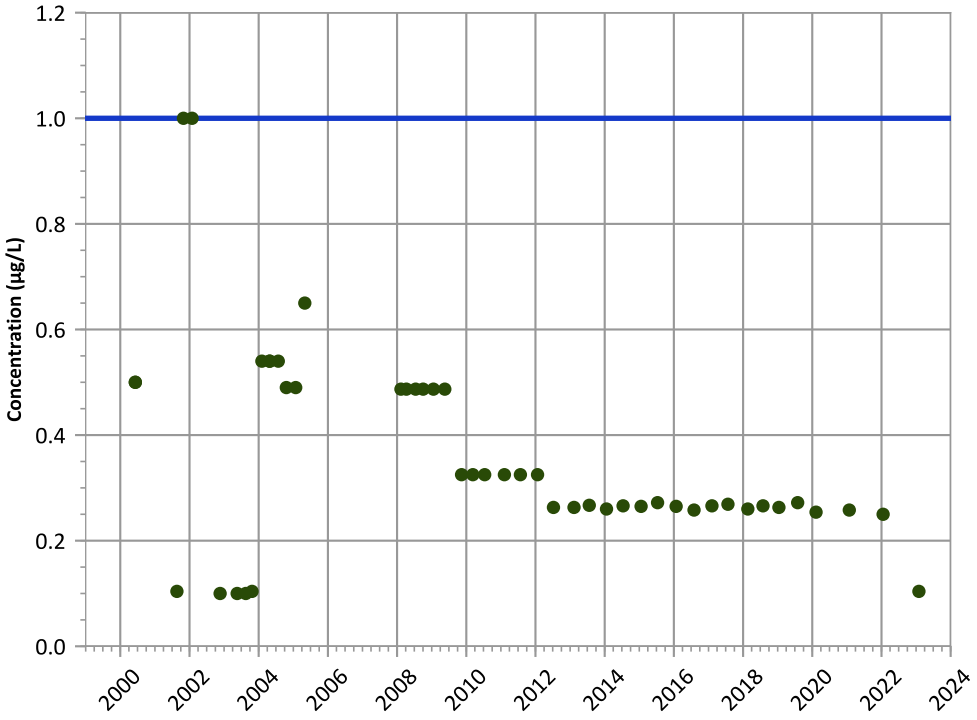
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

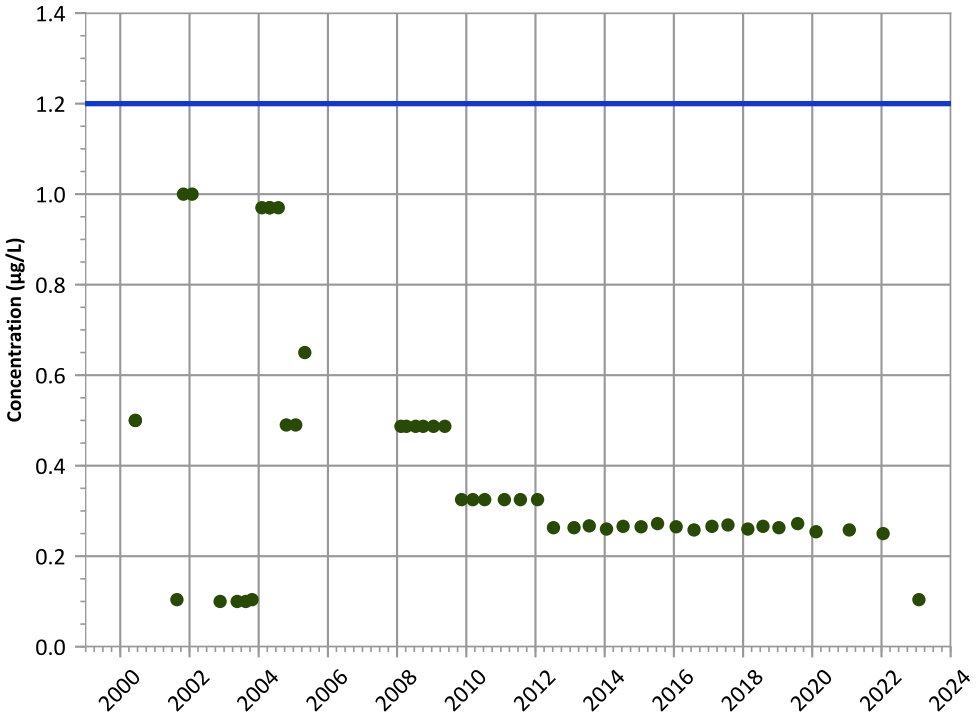
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



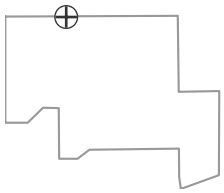
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

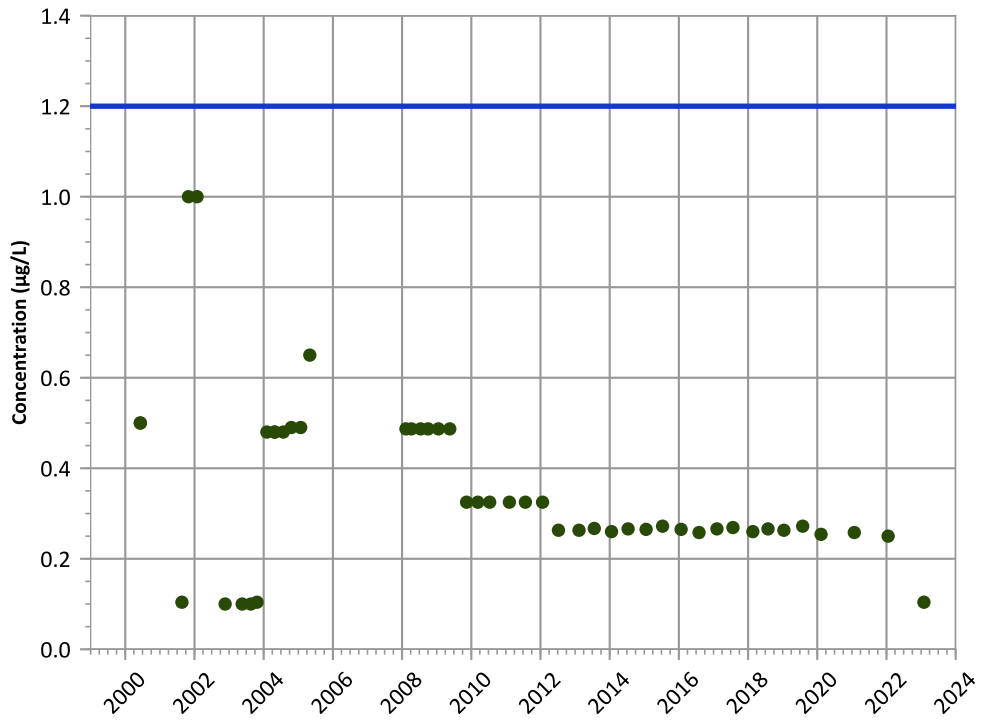
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

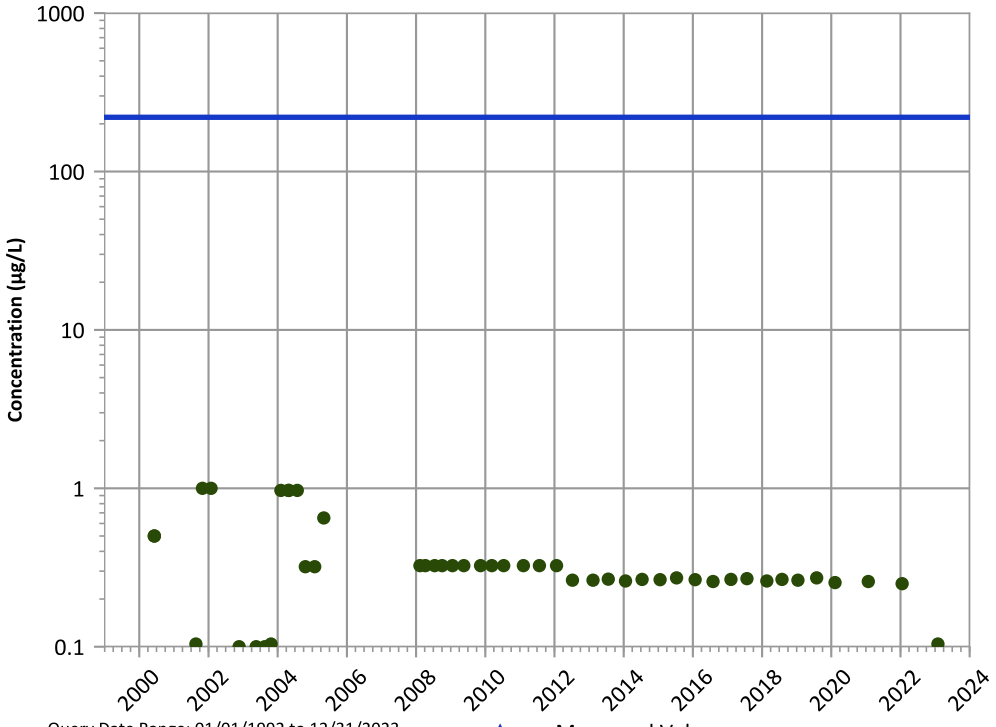


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

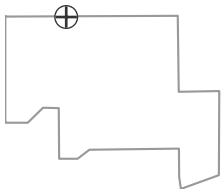
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

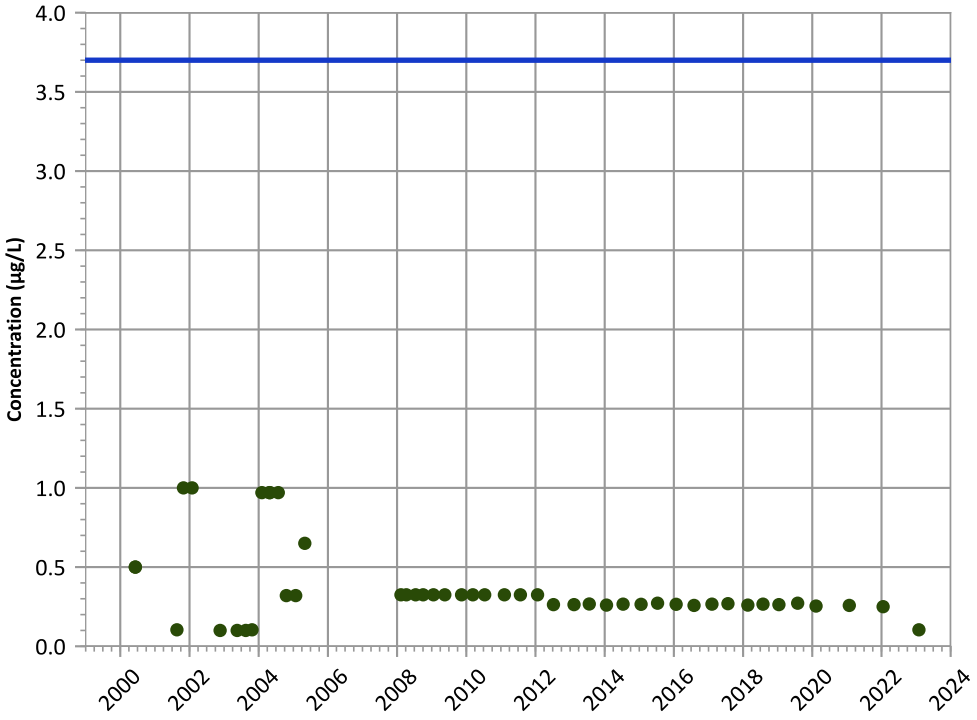
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

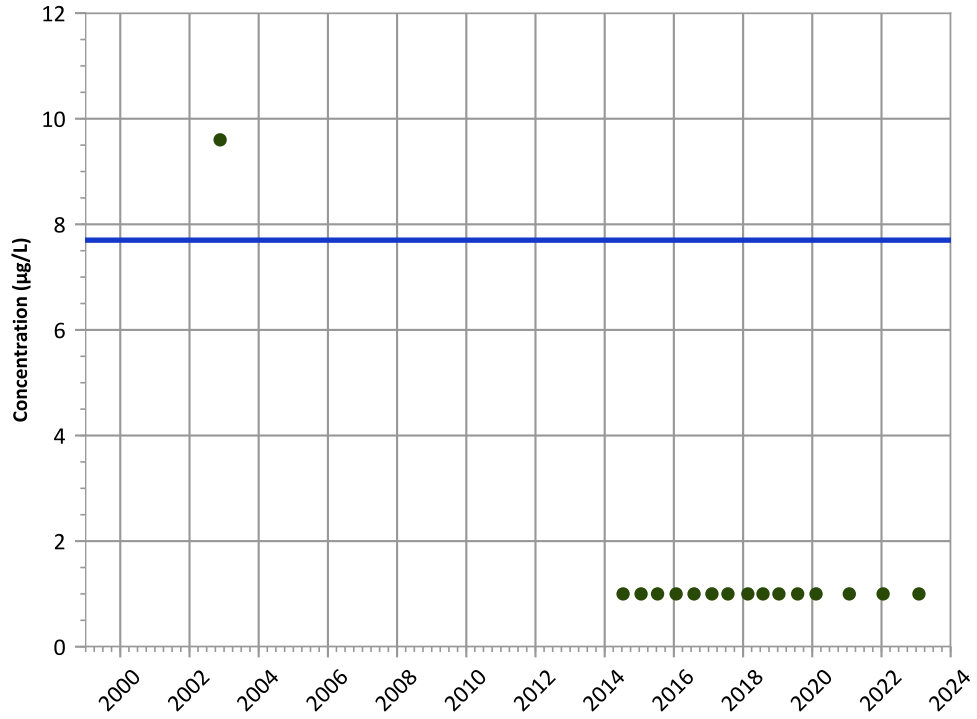


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

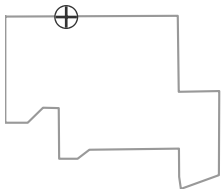


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

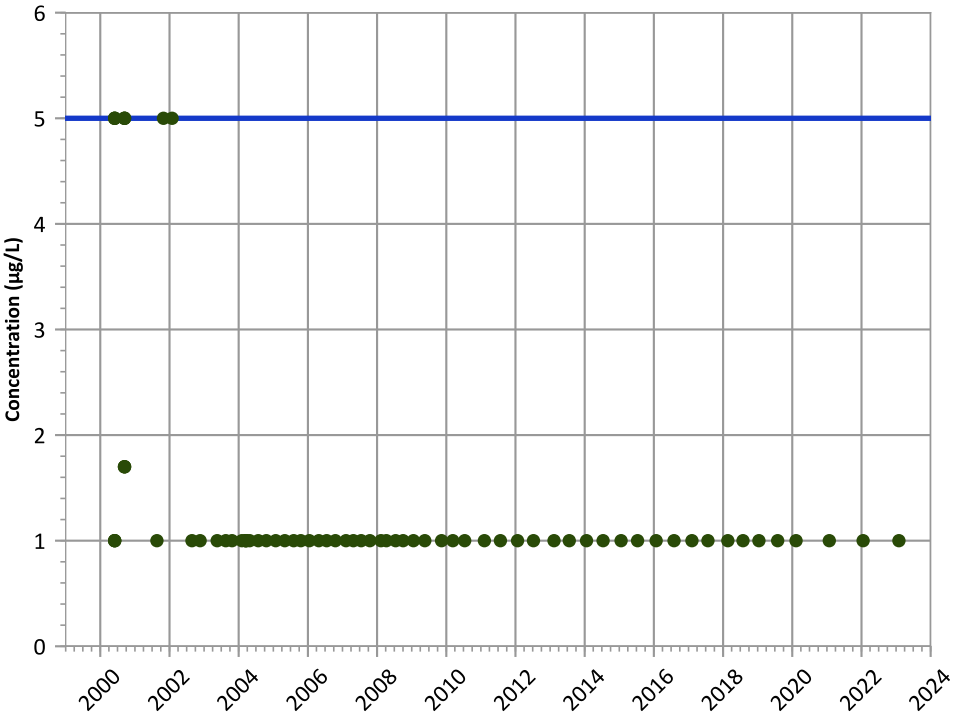


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

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

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

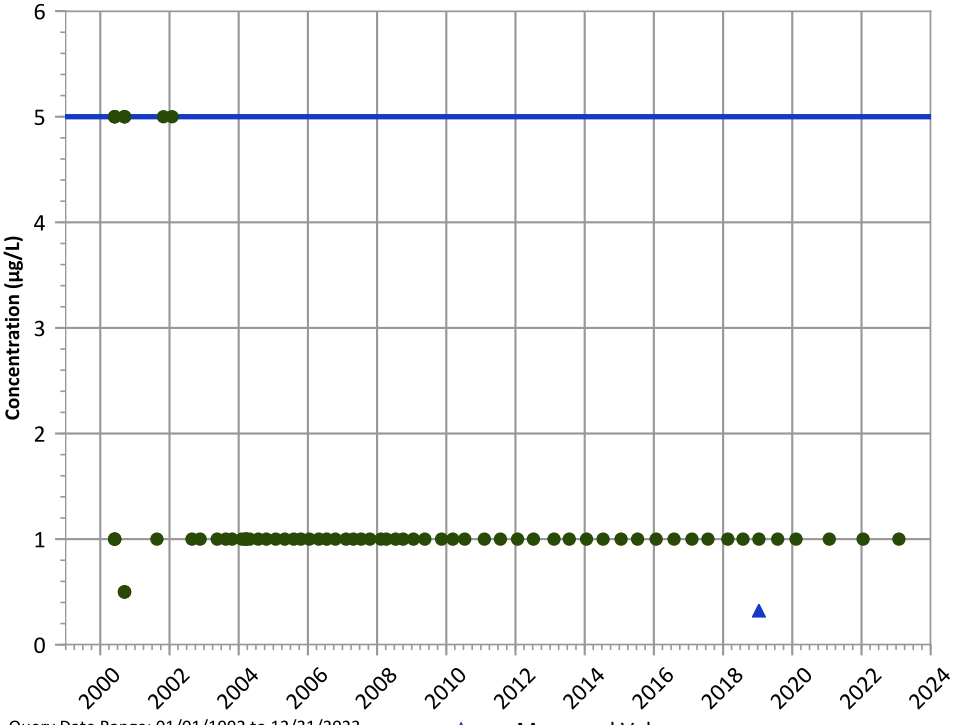
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



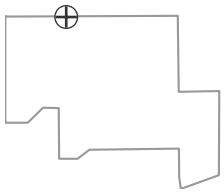
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

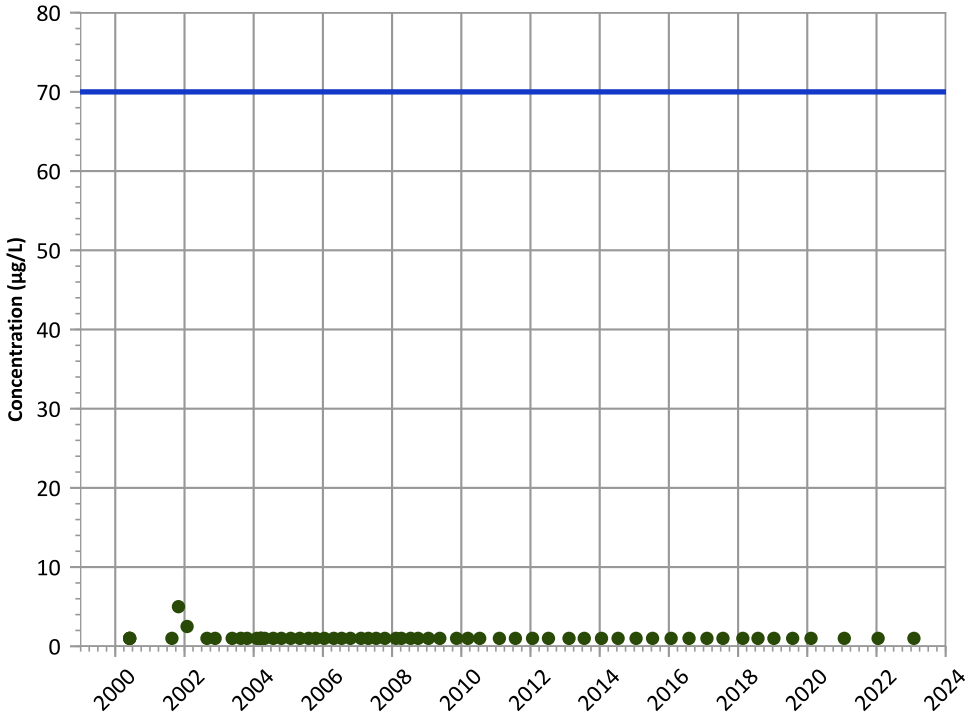
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

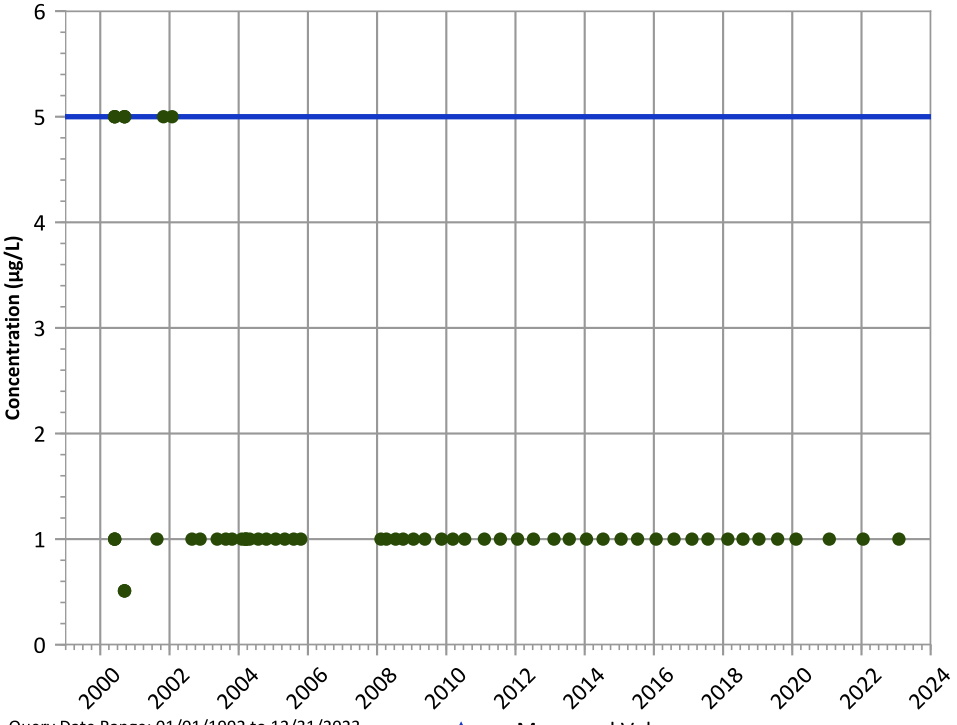


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

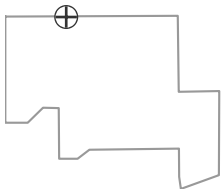


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

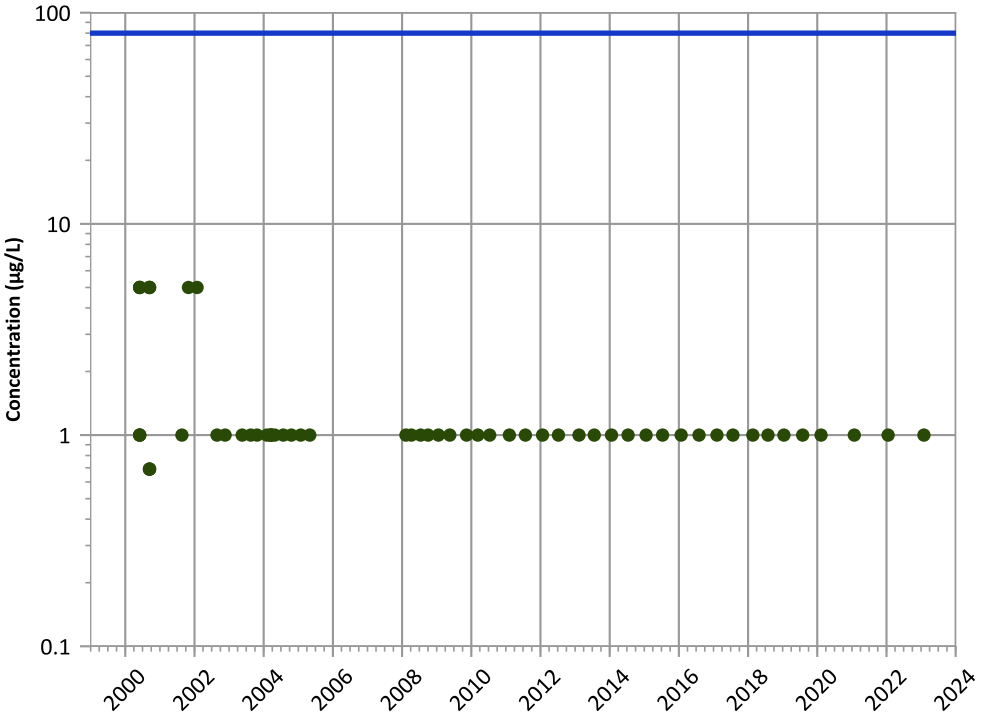


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

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

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

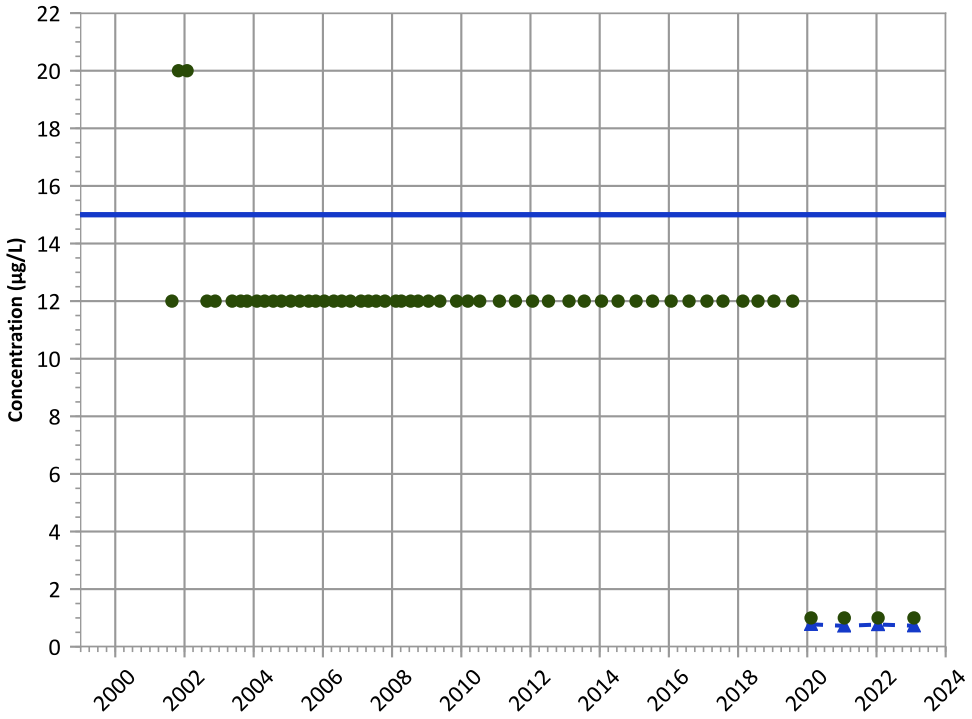


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

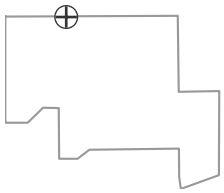
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

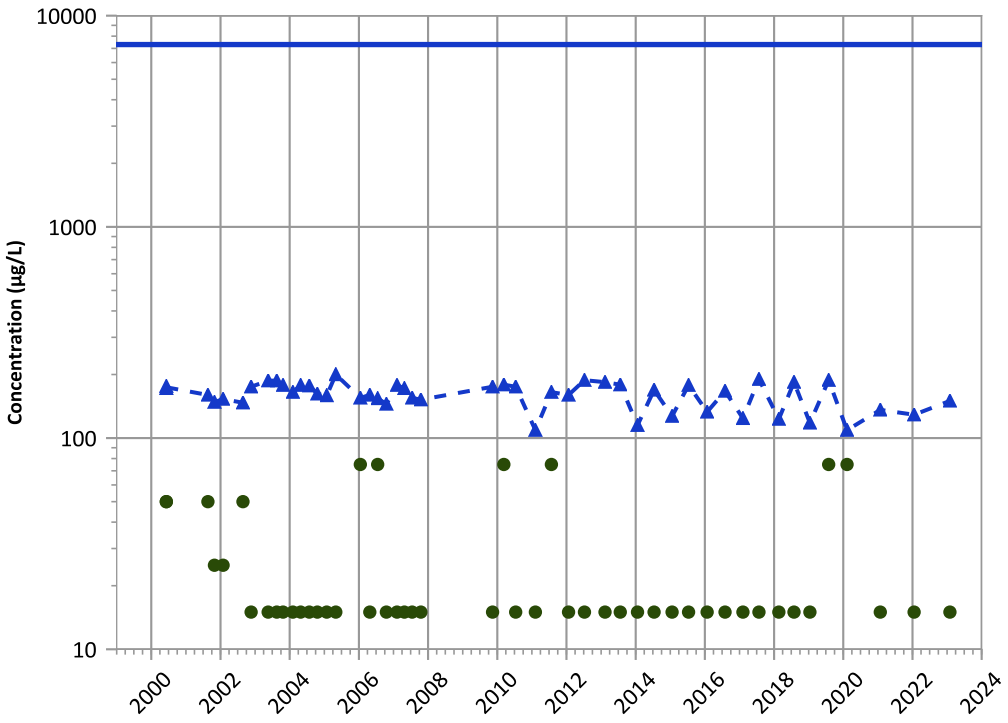
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

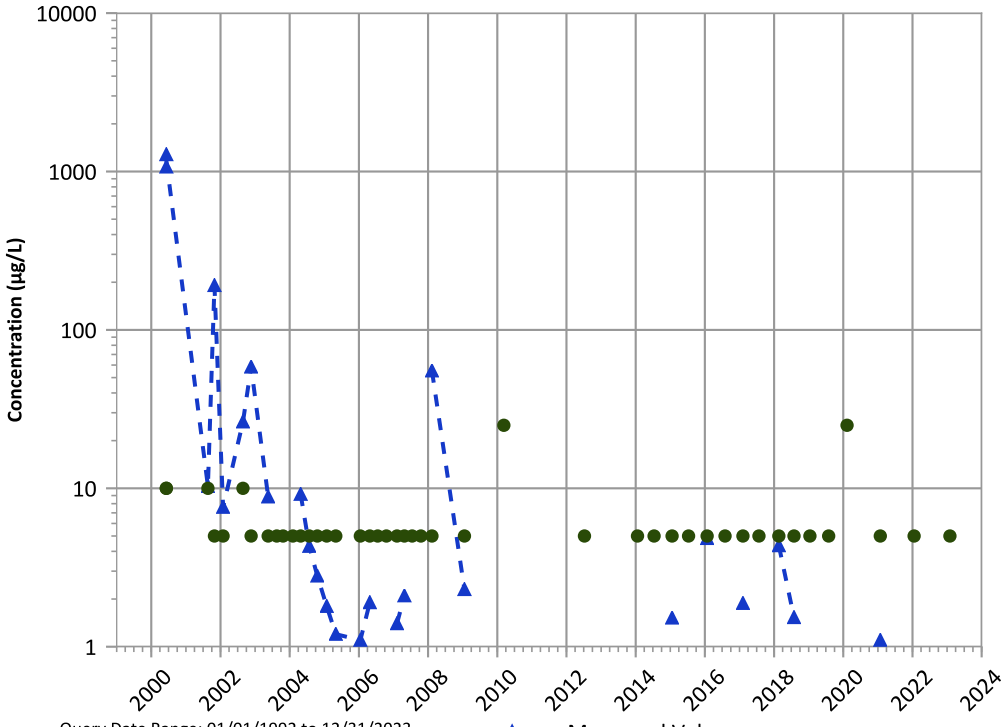


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Probably Decreasing

Manganese Trend



Concentration Trend

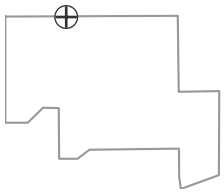
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

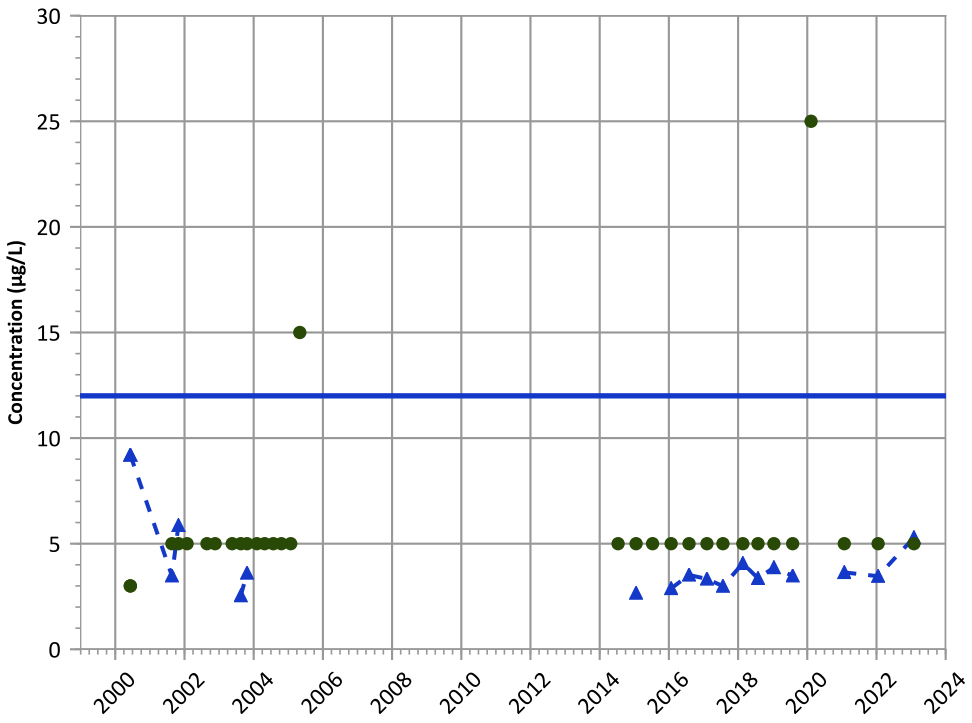
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

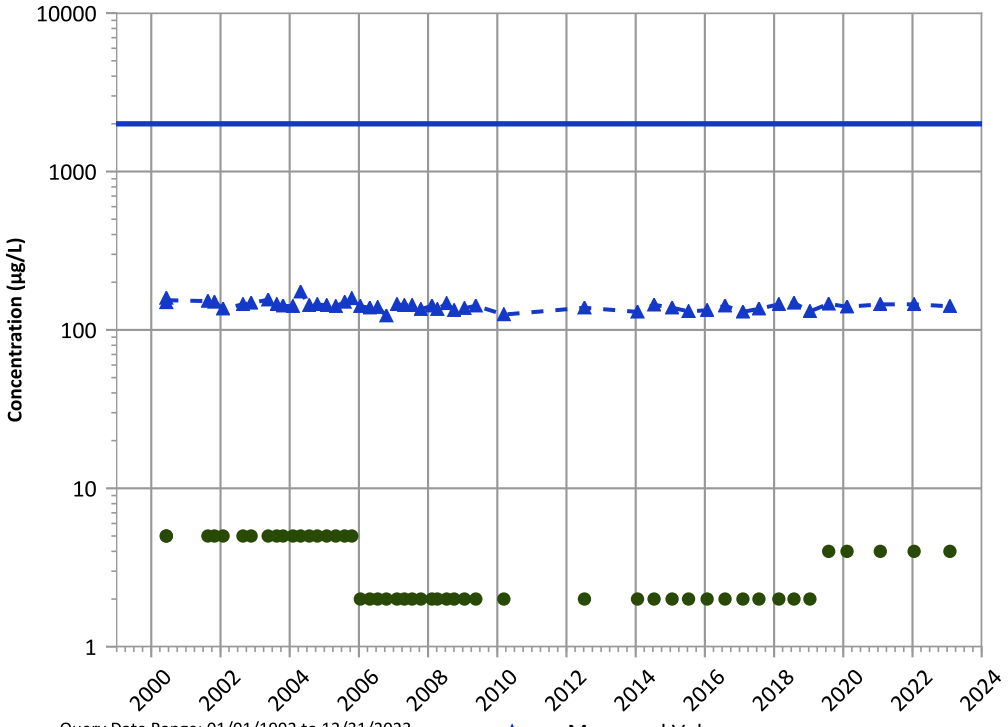


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Increasing

Barium Trend



Concentration Trend

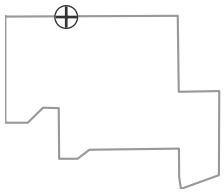
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

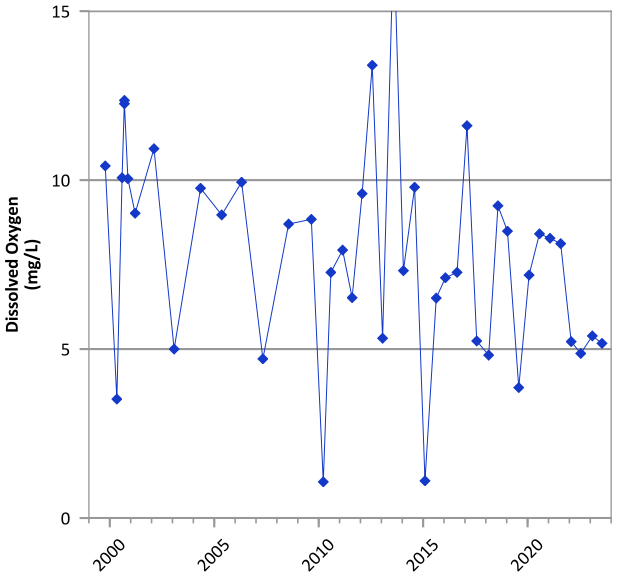
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/01/2000 to 01/31/2023
Analysis Date: 03/29/2024

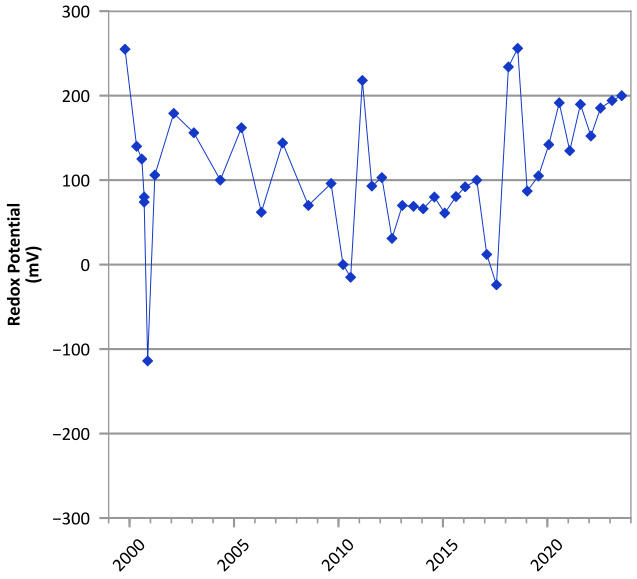
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

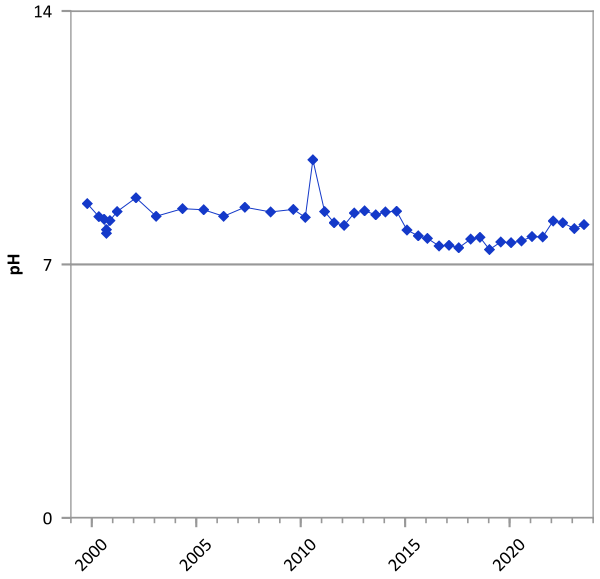
Well Location

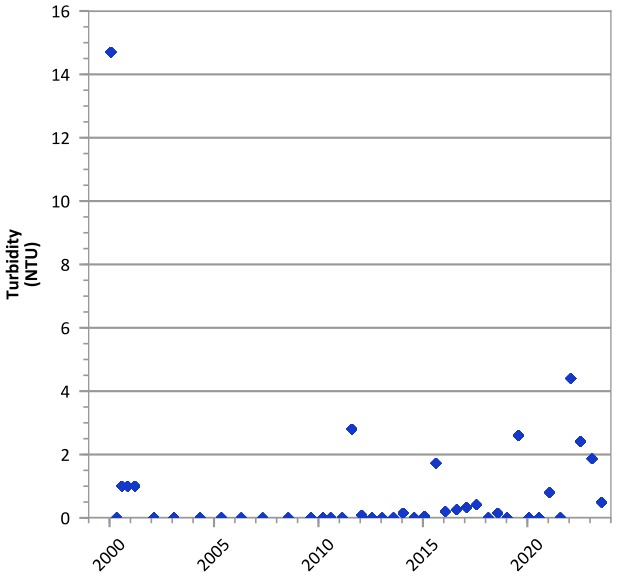


PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

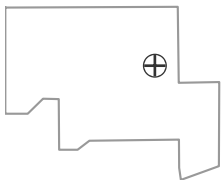






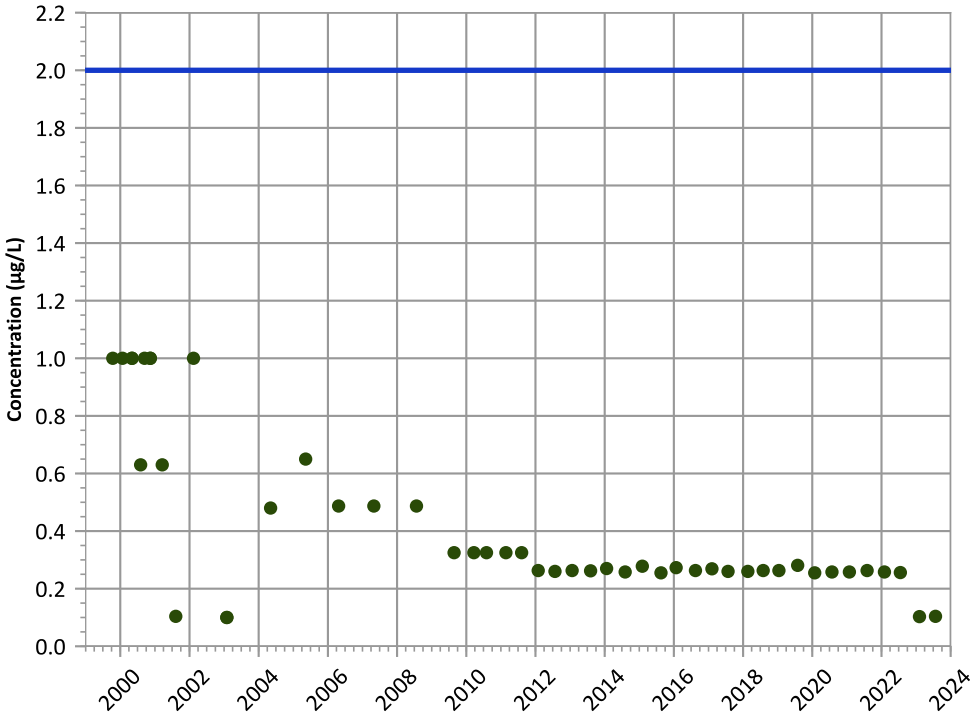


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

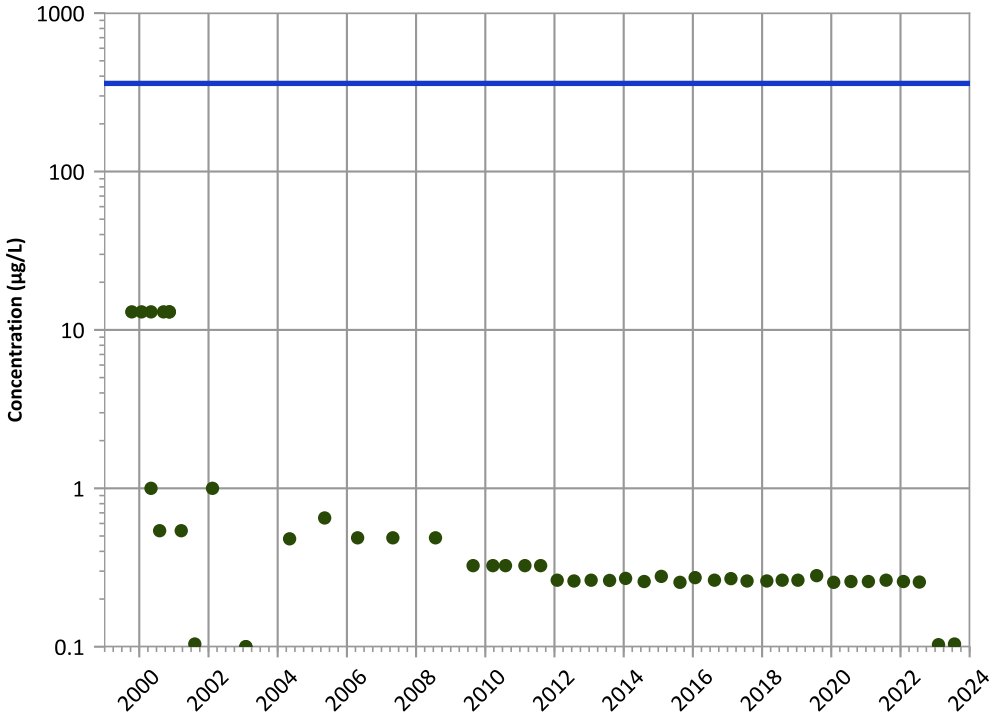


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

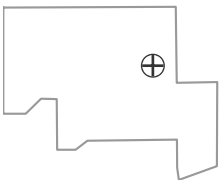


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

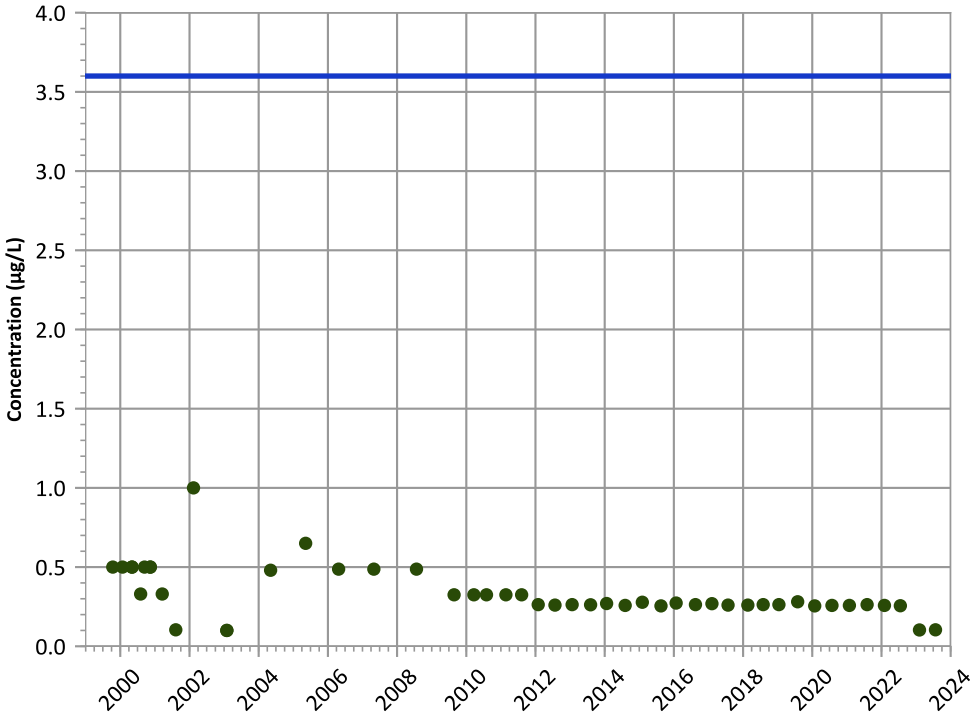


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

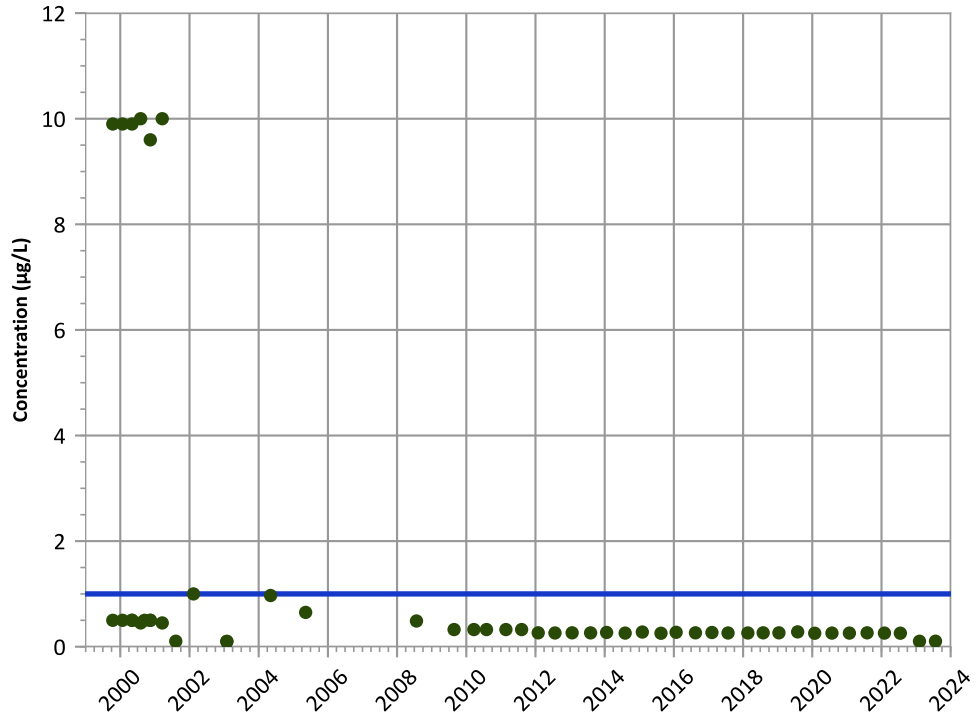


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

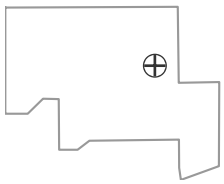
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

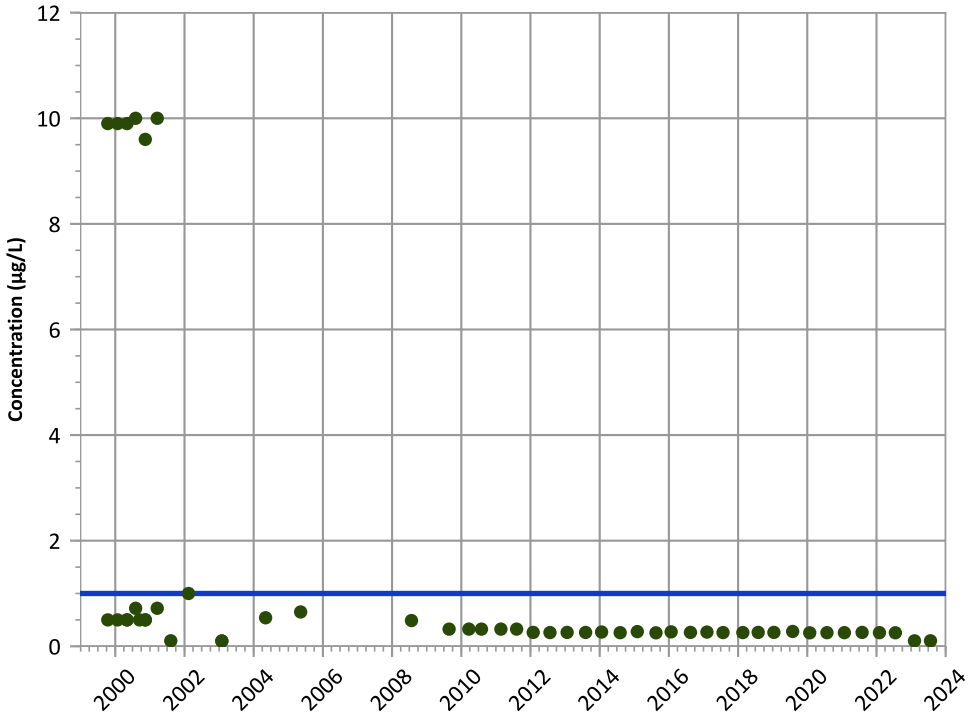
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

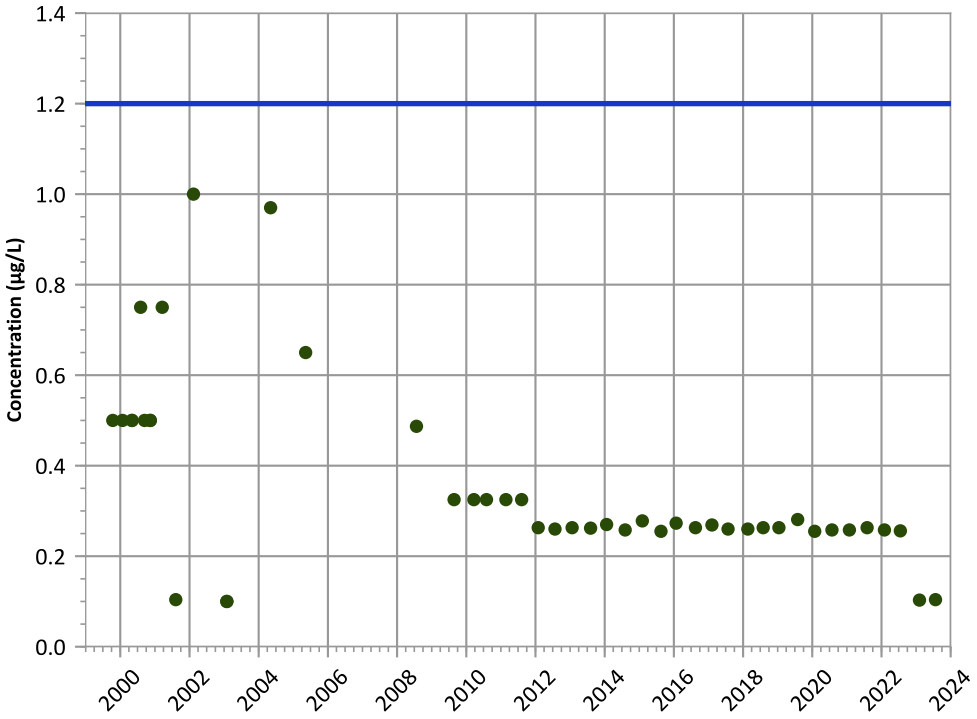
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



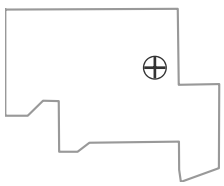
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

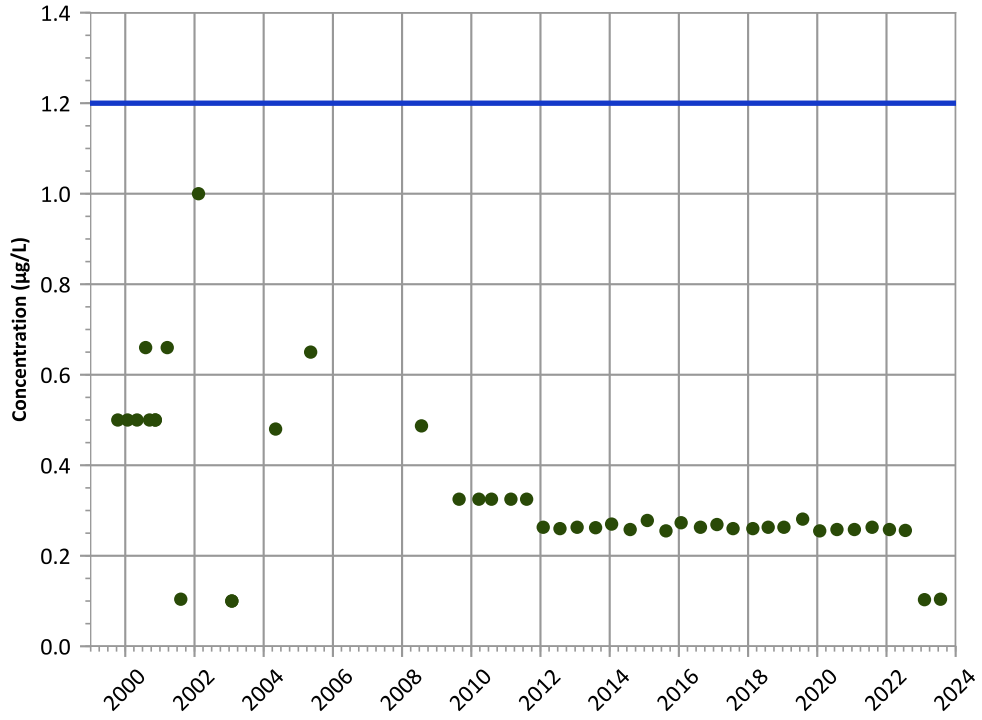
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

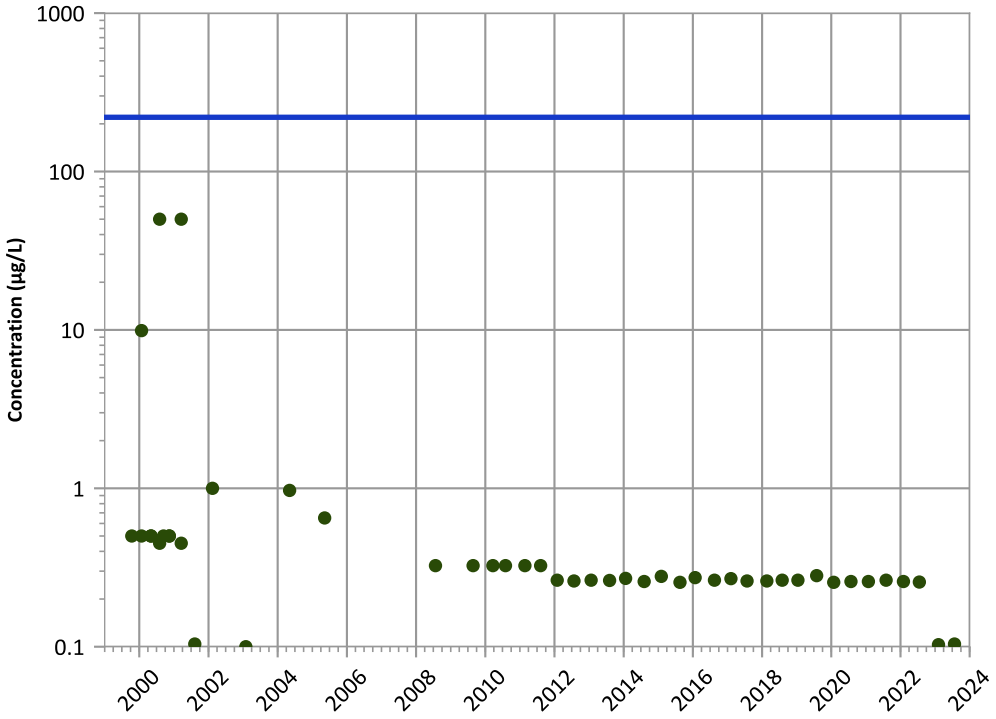
4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



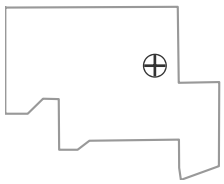
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

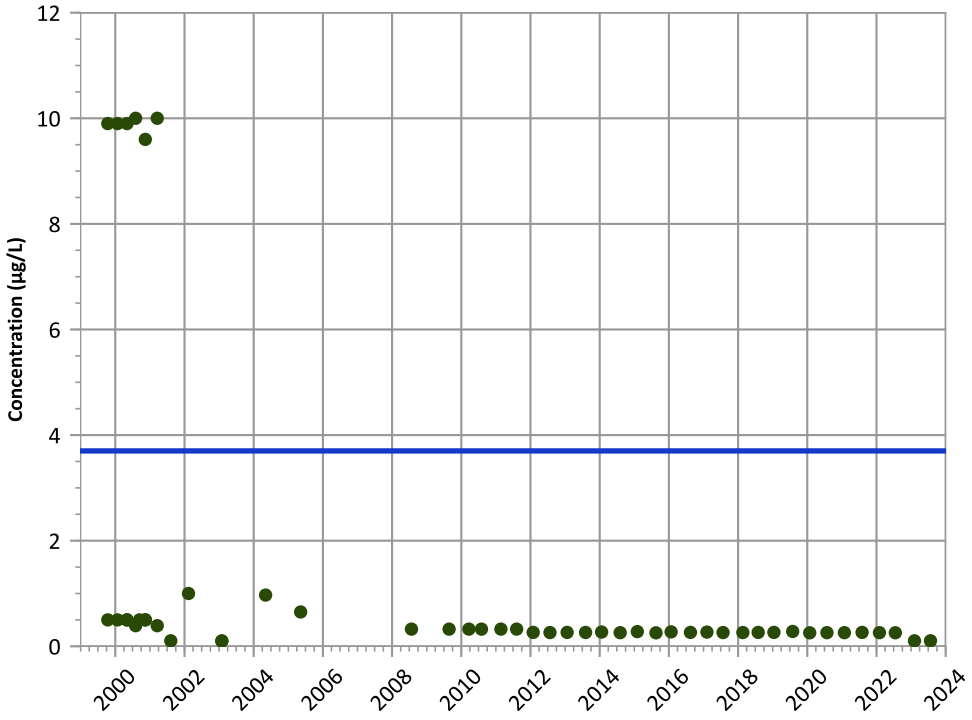
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

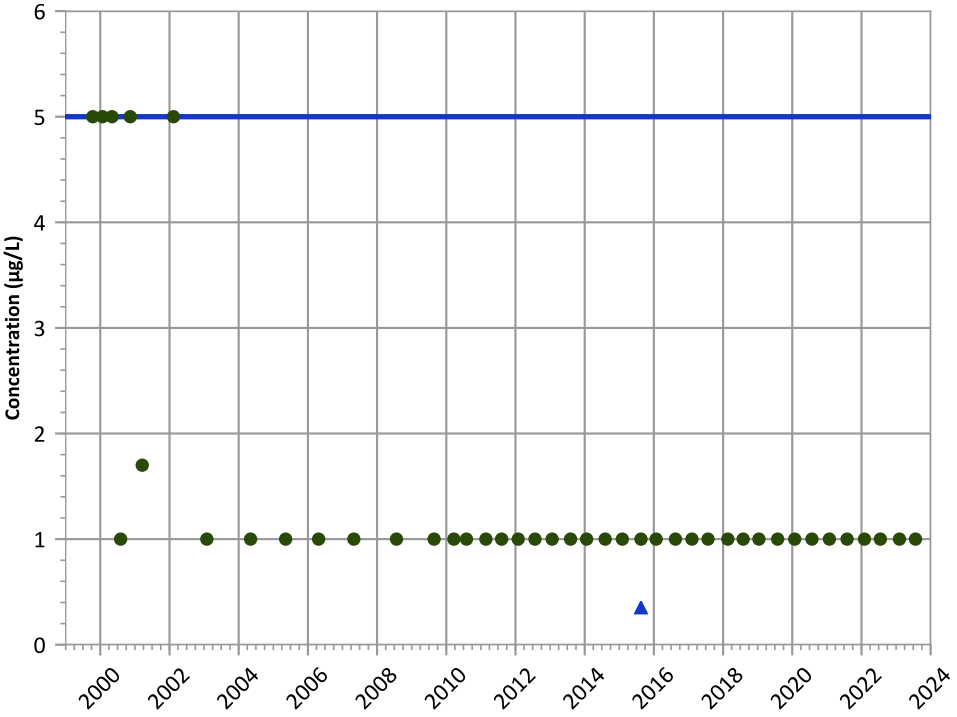


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

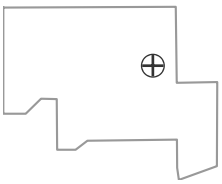
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

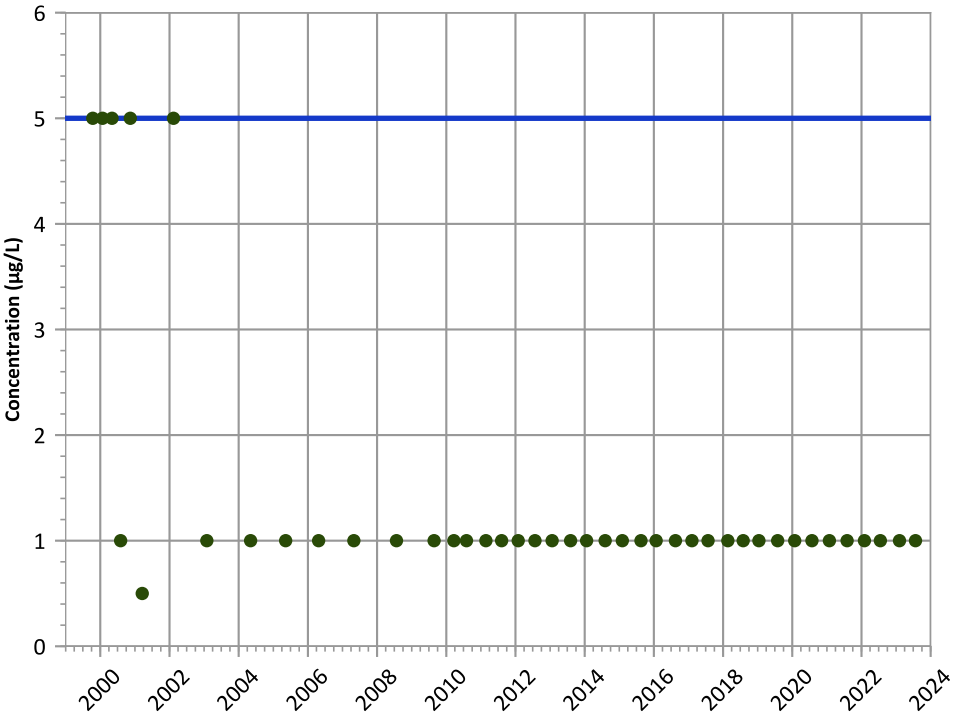
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

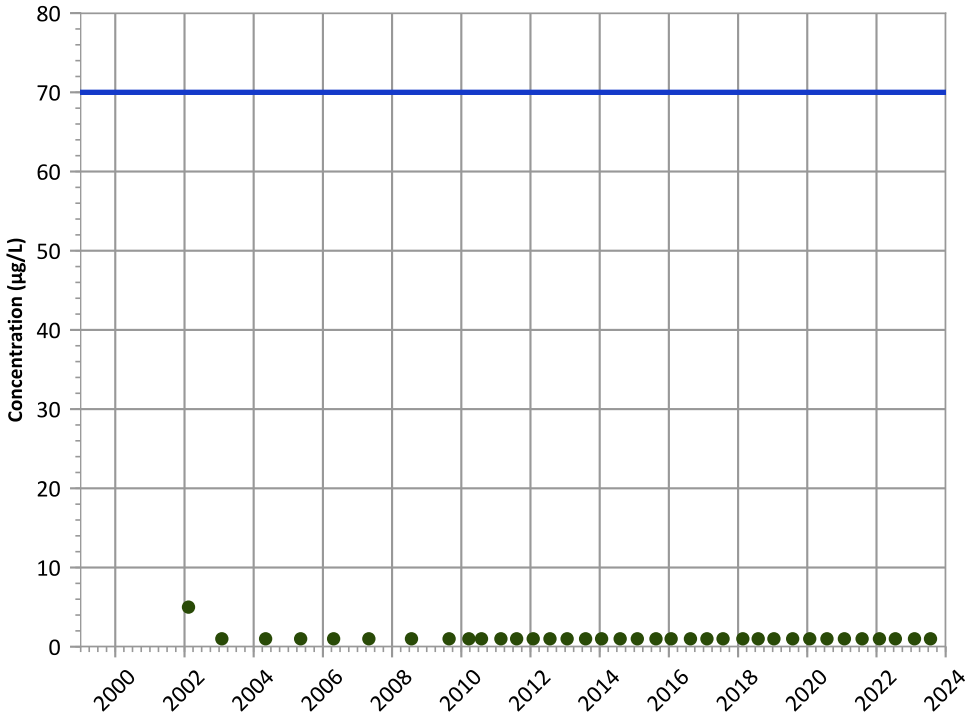
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



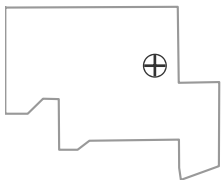
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

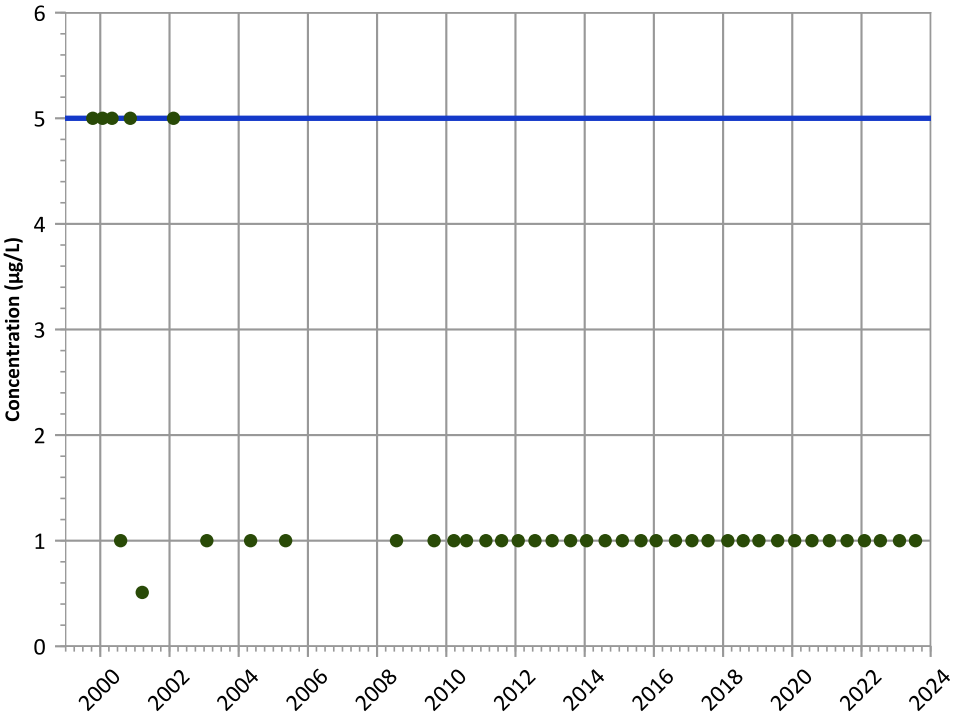
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

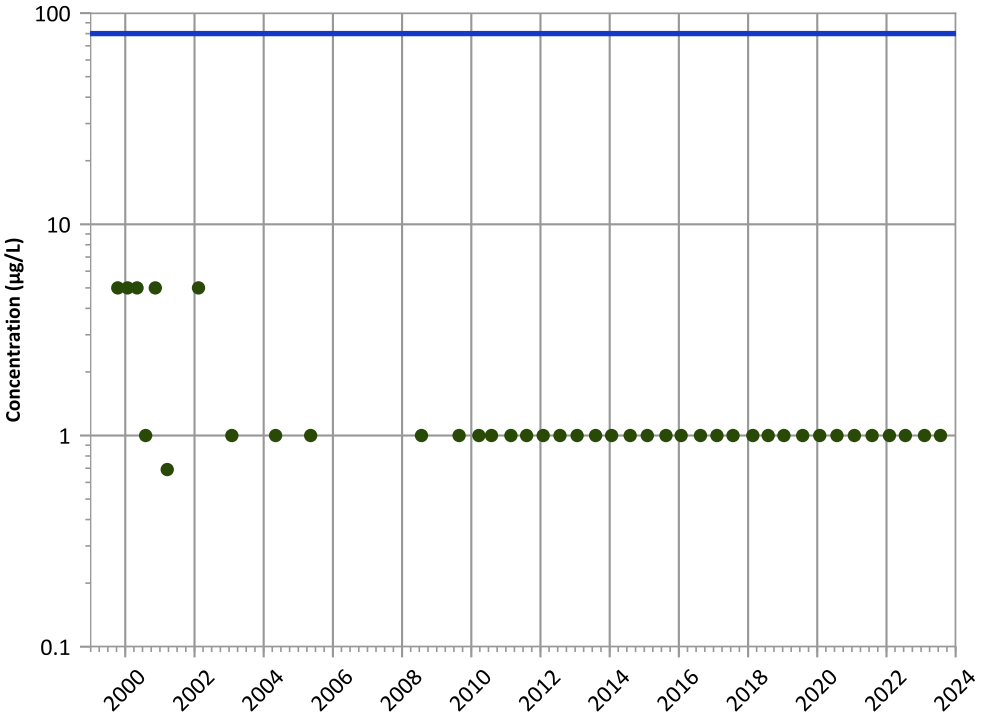


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Chloroform Trend



Concentration Trend

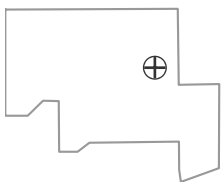
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

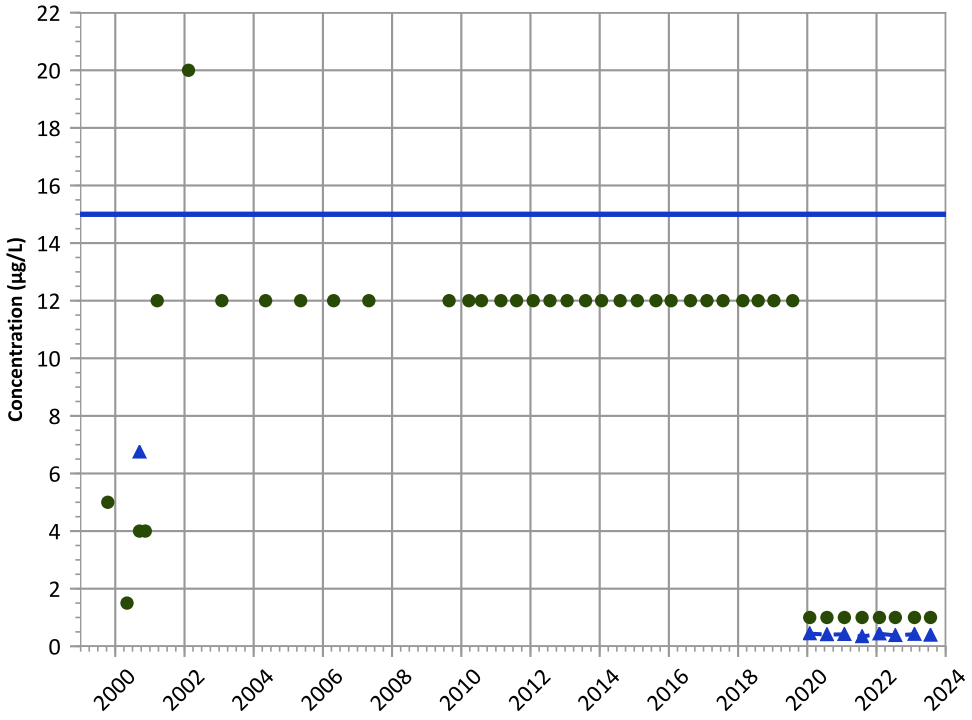
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

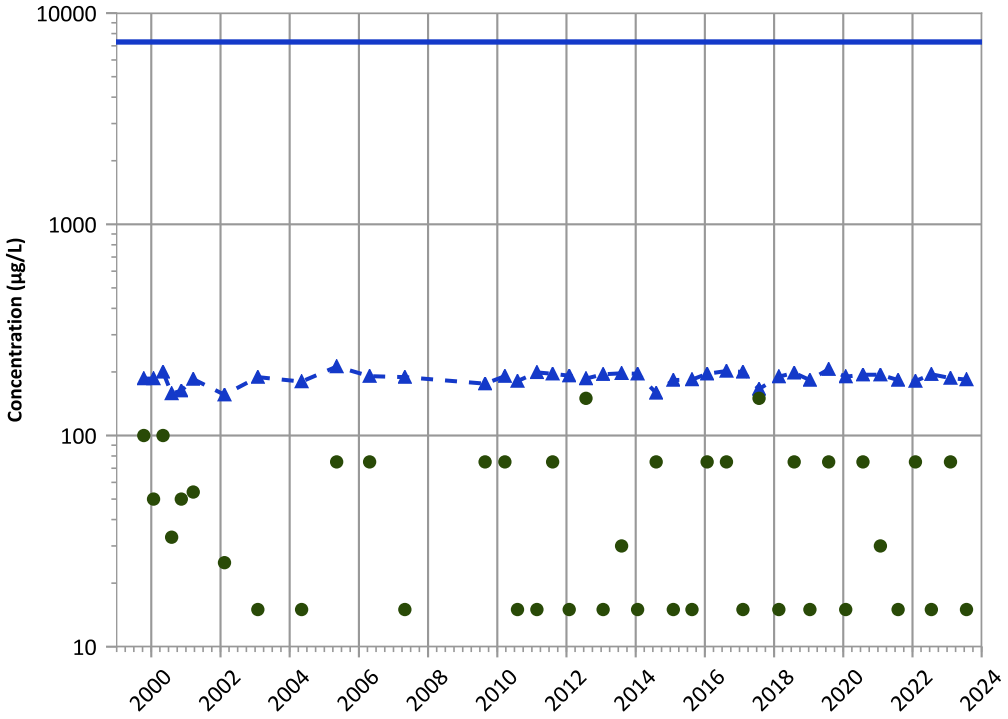


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Boron Trend



Concentration Trend

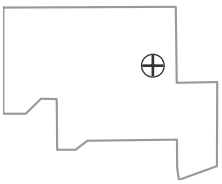
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

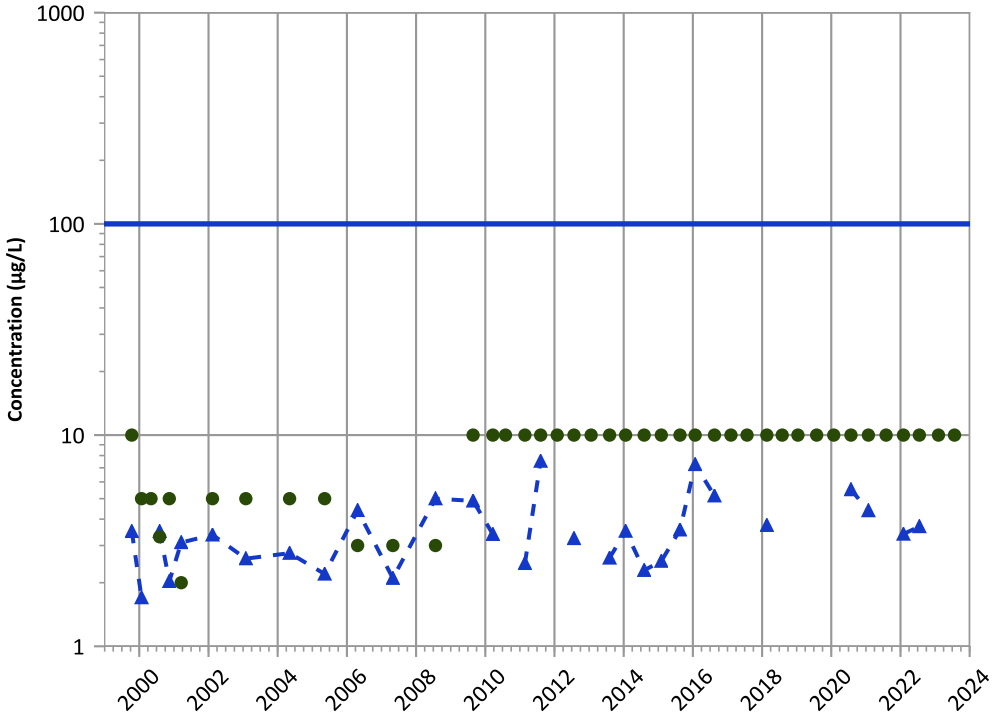
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

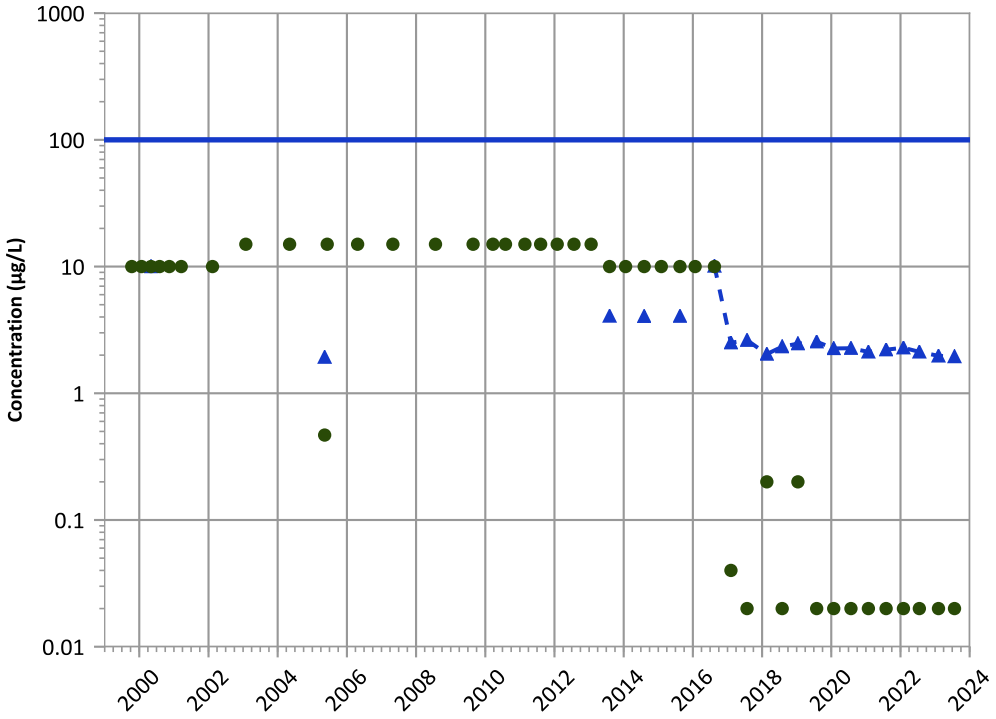


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

Chromium, Hexavalent Trend

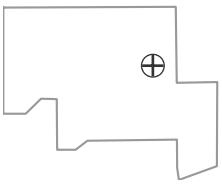


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Well Location

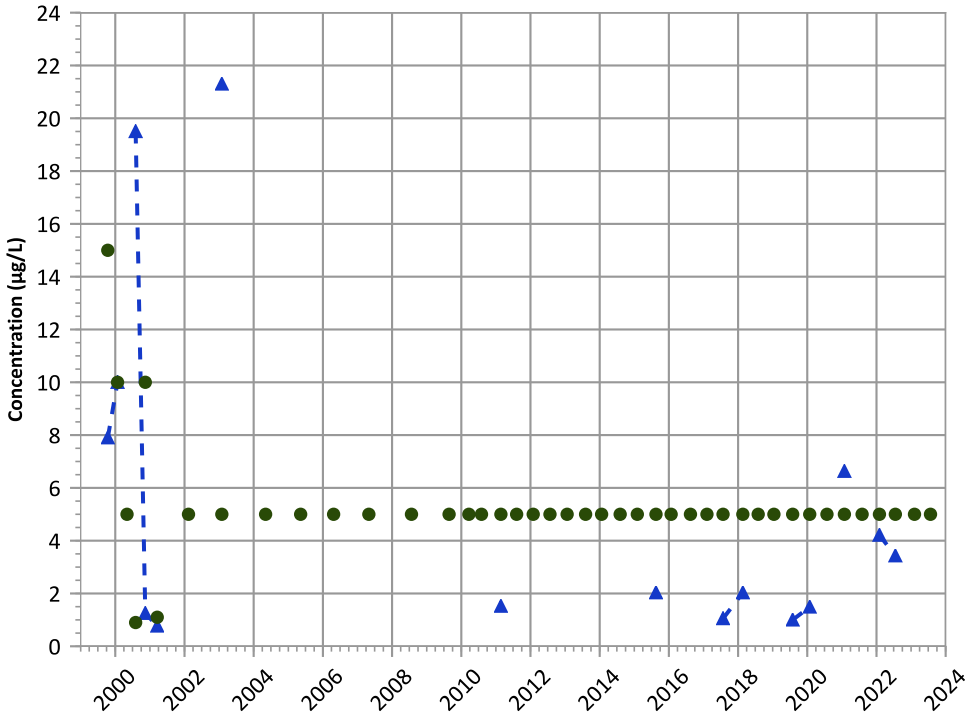


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

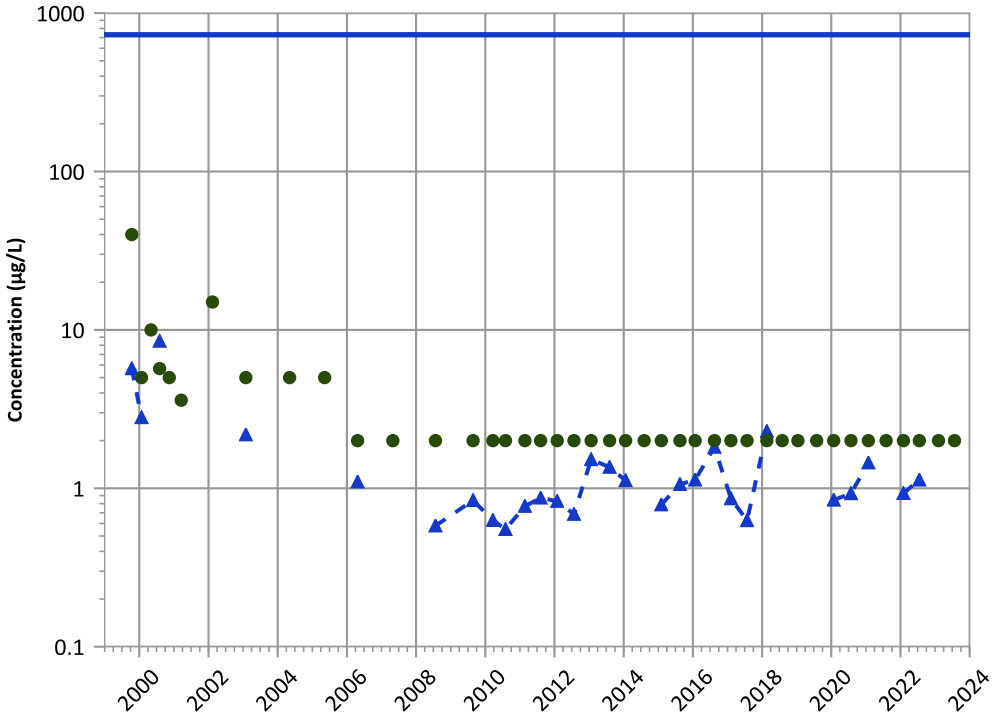


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Nickel Trend

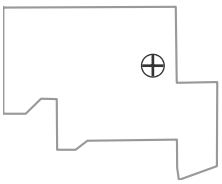


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Well Location

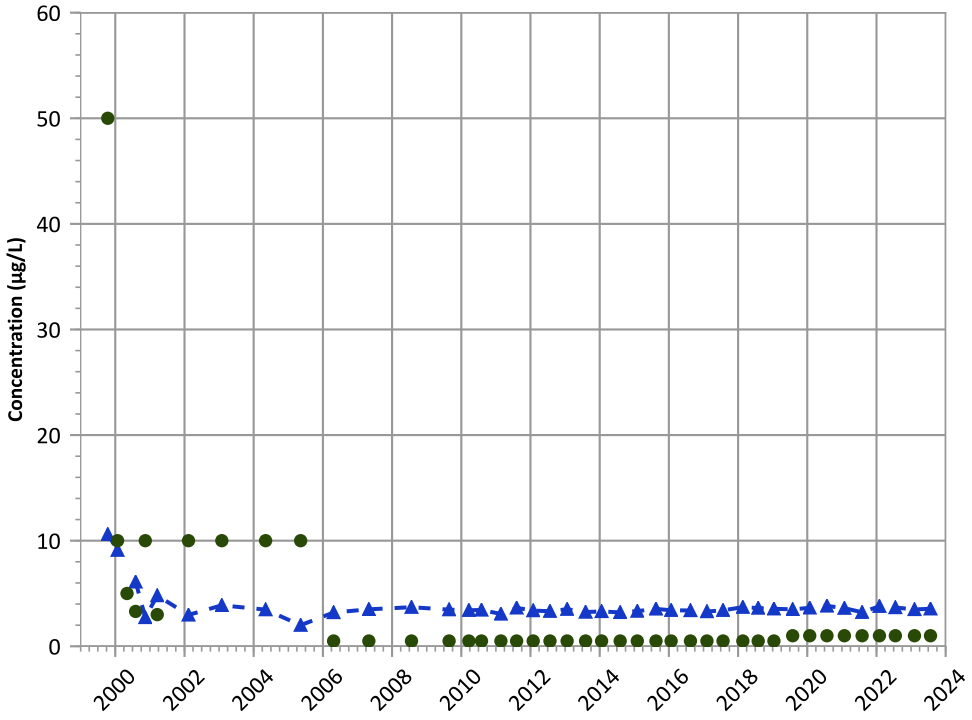


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

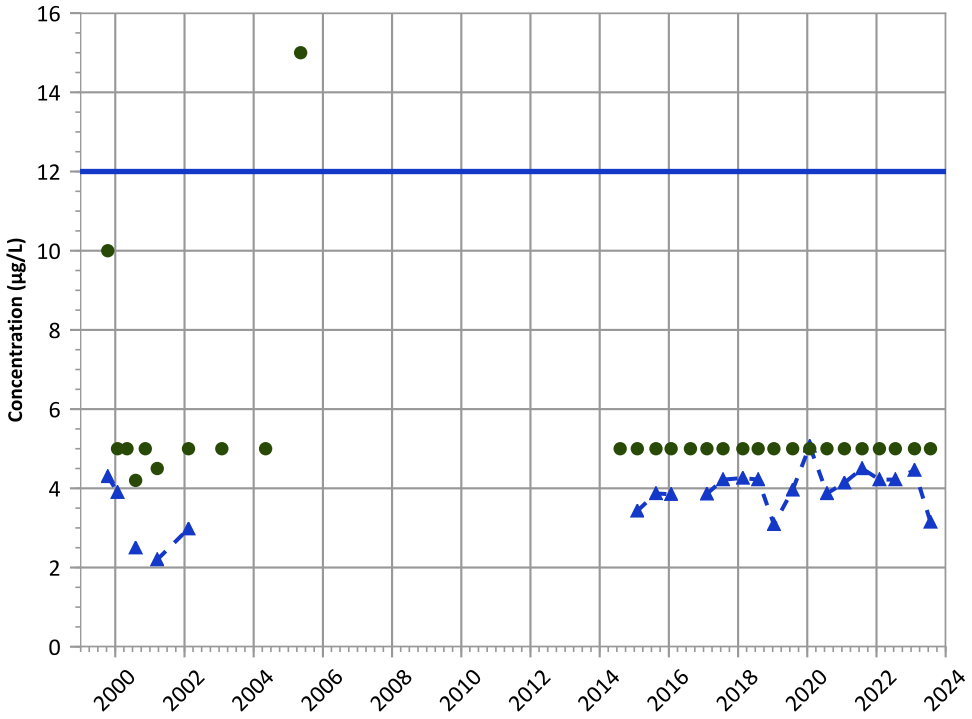


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Arsenic Trend



Concentration Trend

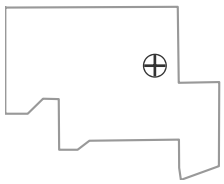
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

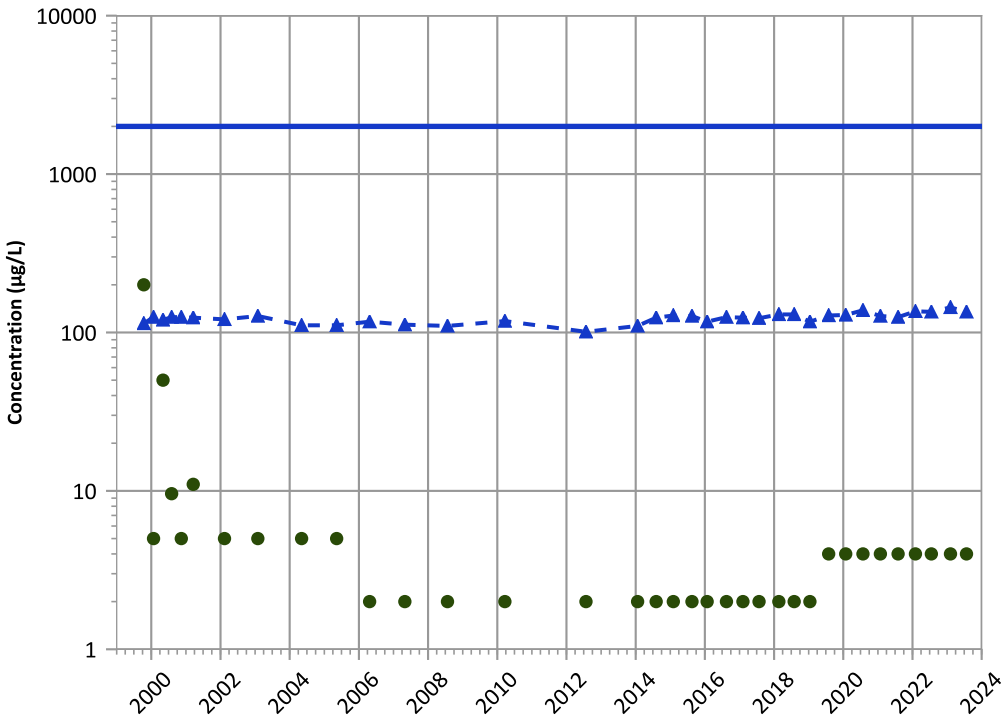
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

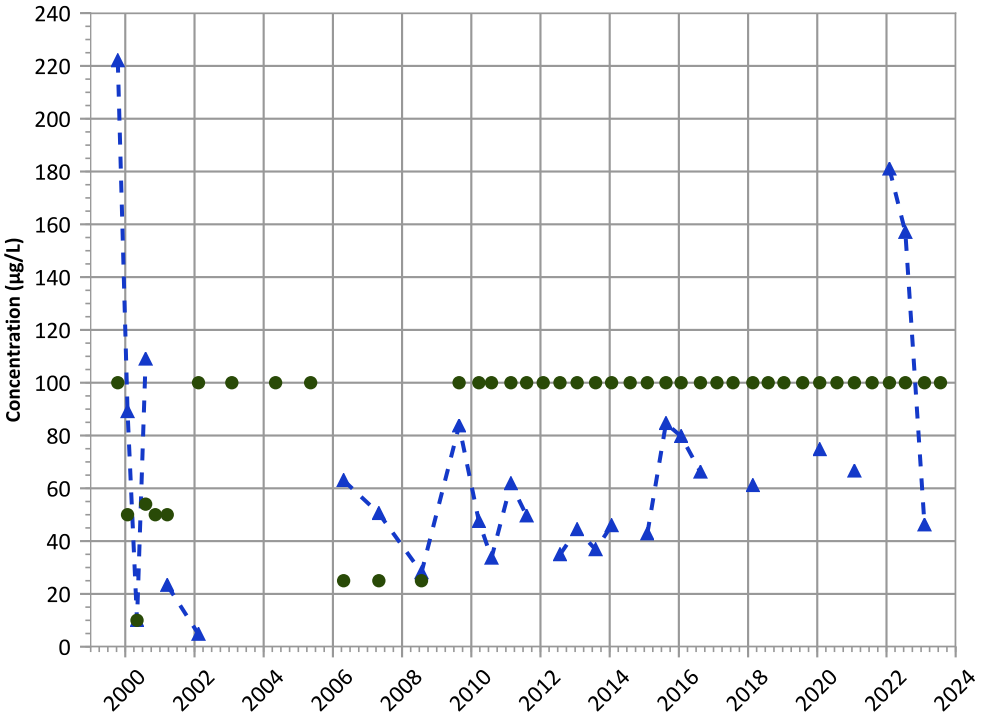


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Iron Trend



Concentration Trend

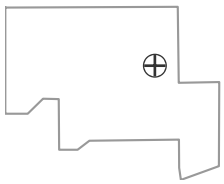
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

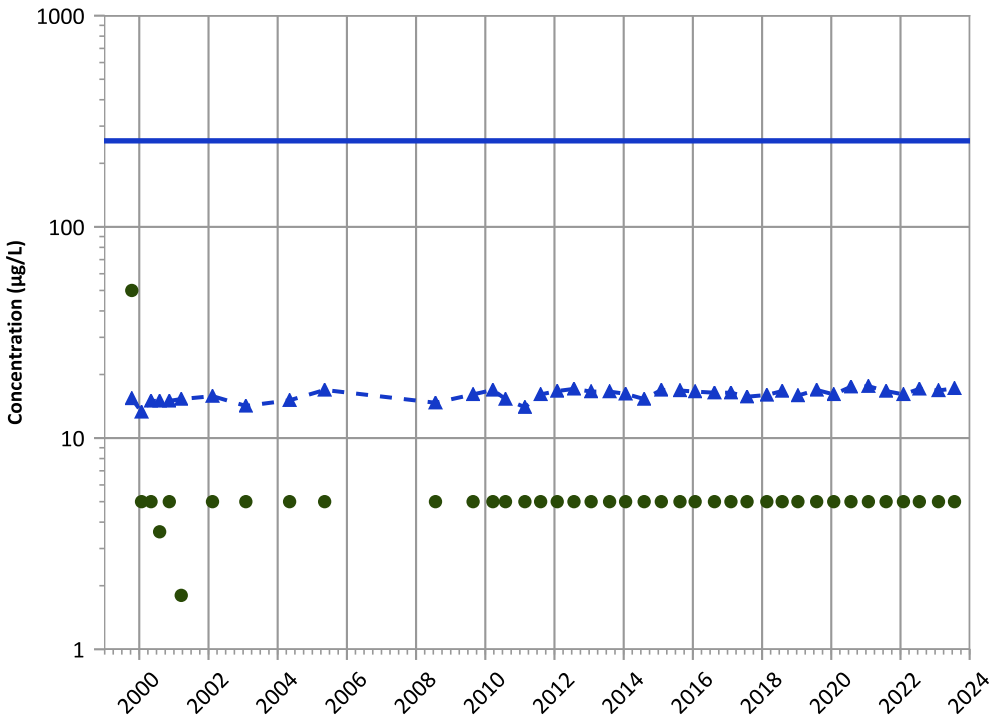
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

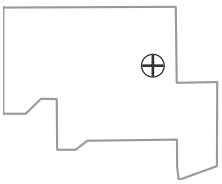
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

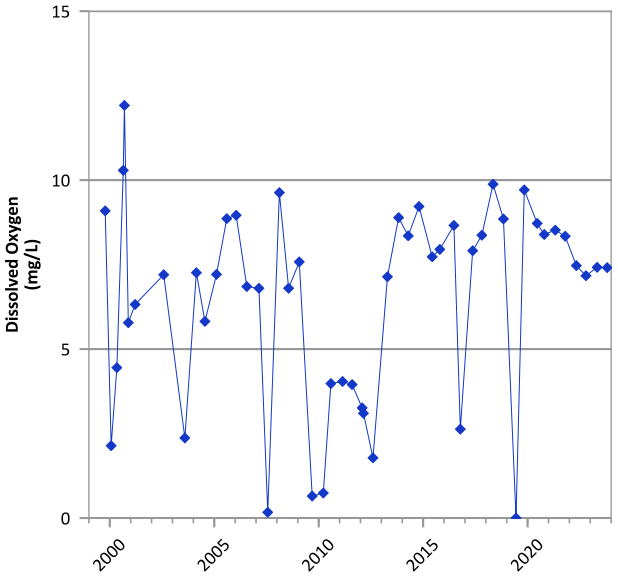
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/1999 to 07/25/2023
Analysis Date: 03/29/2024

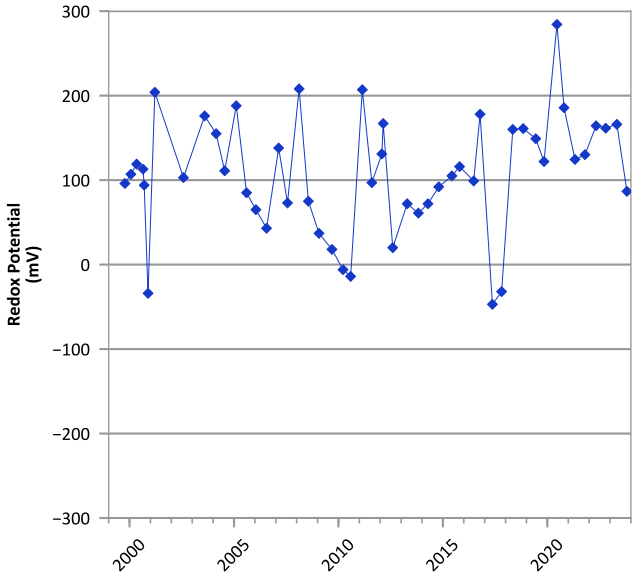
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

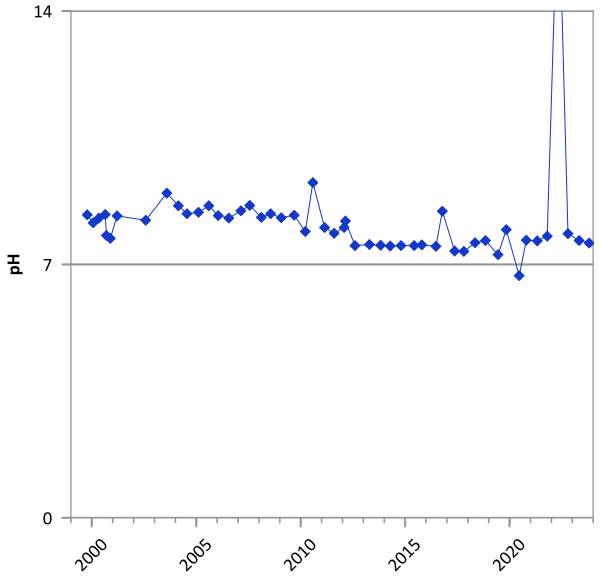
Well Location

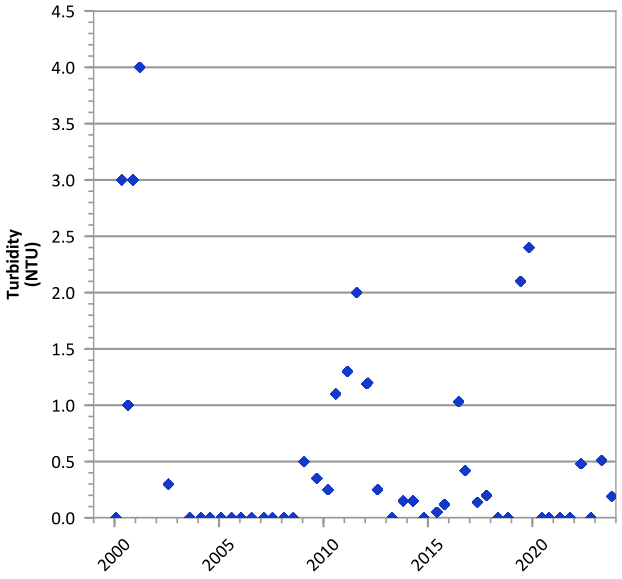


PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

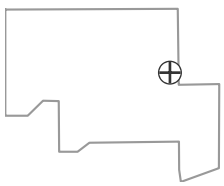






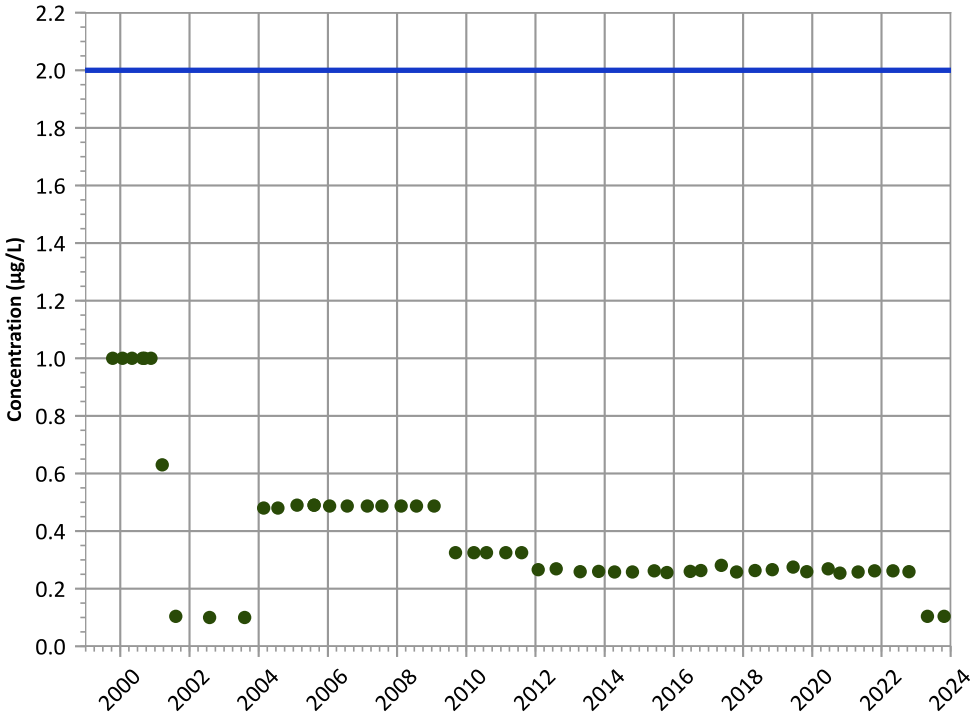


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

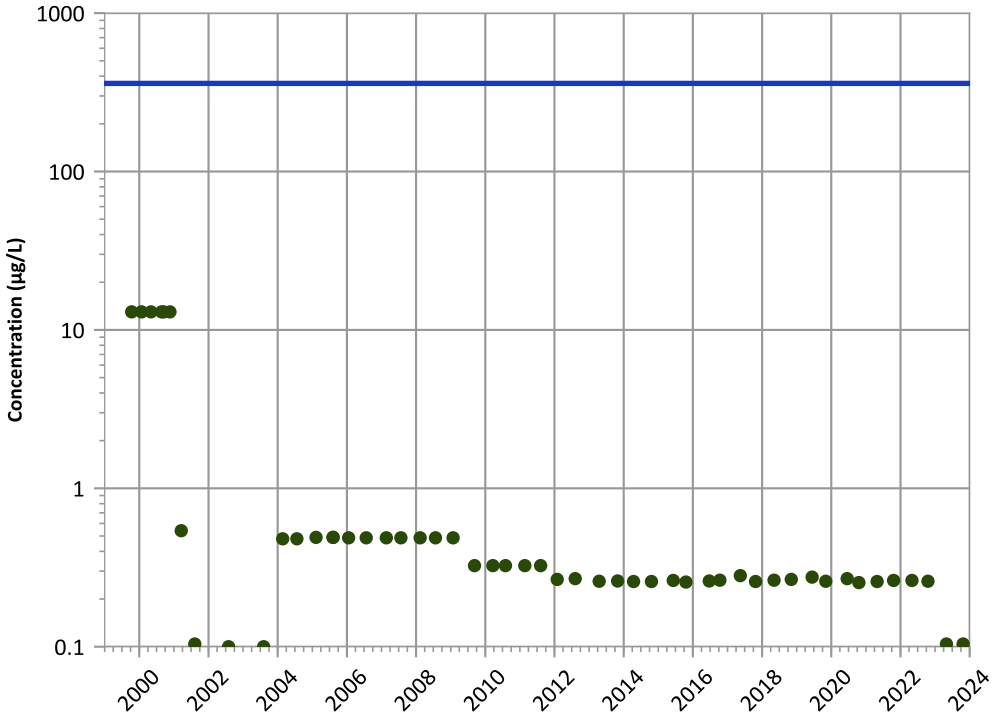


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

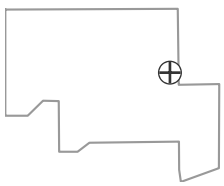


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

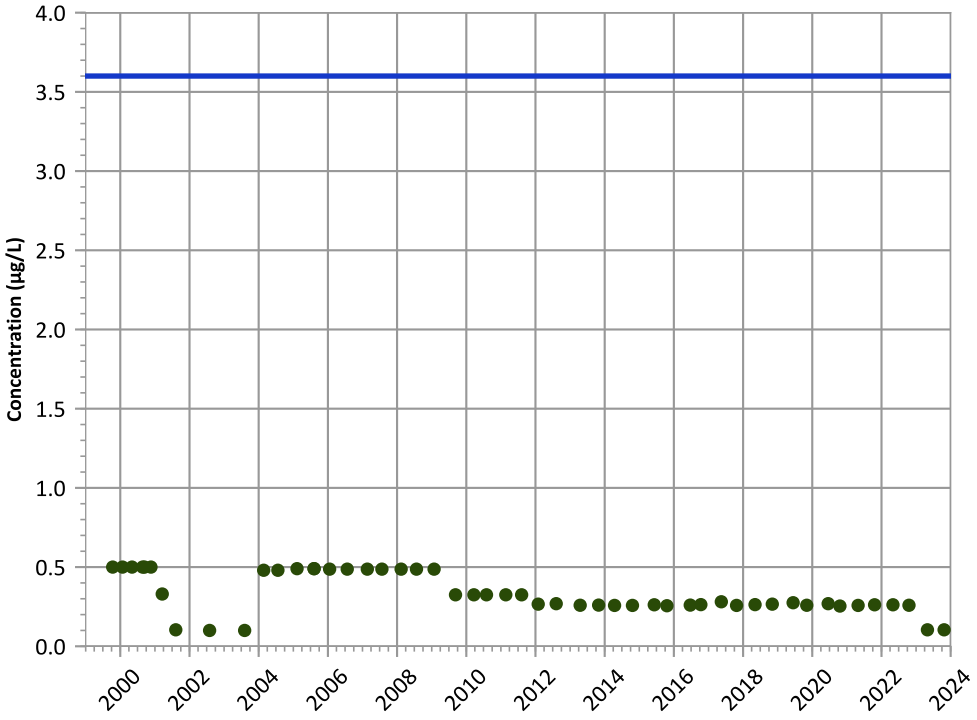


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

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

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

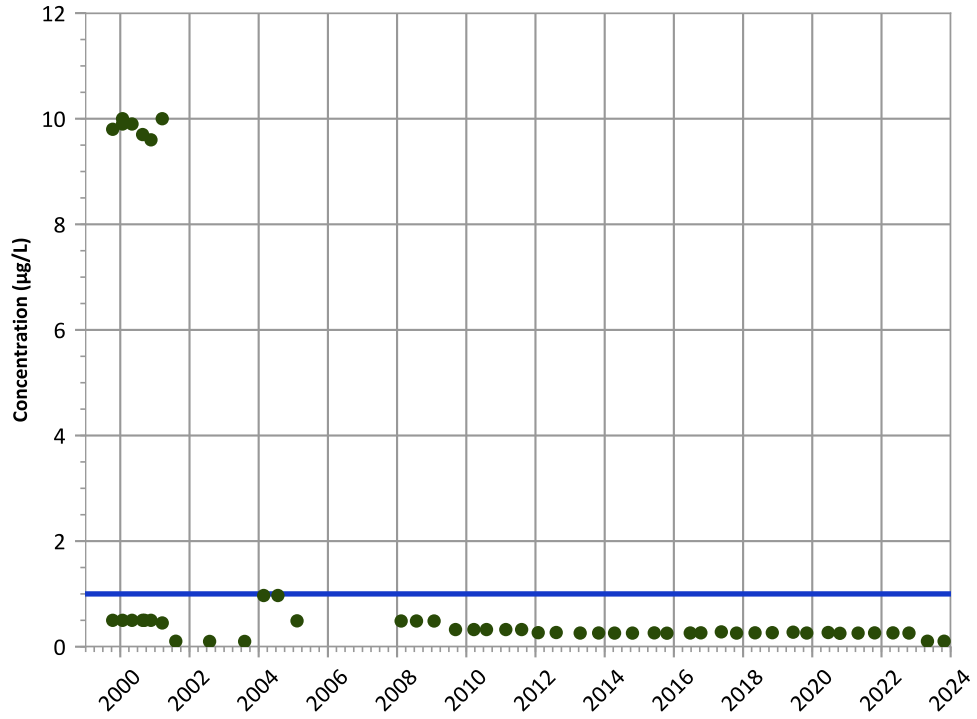
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



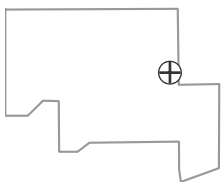
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

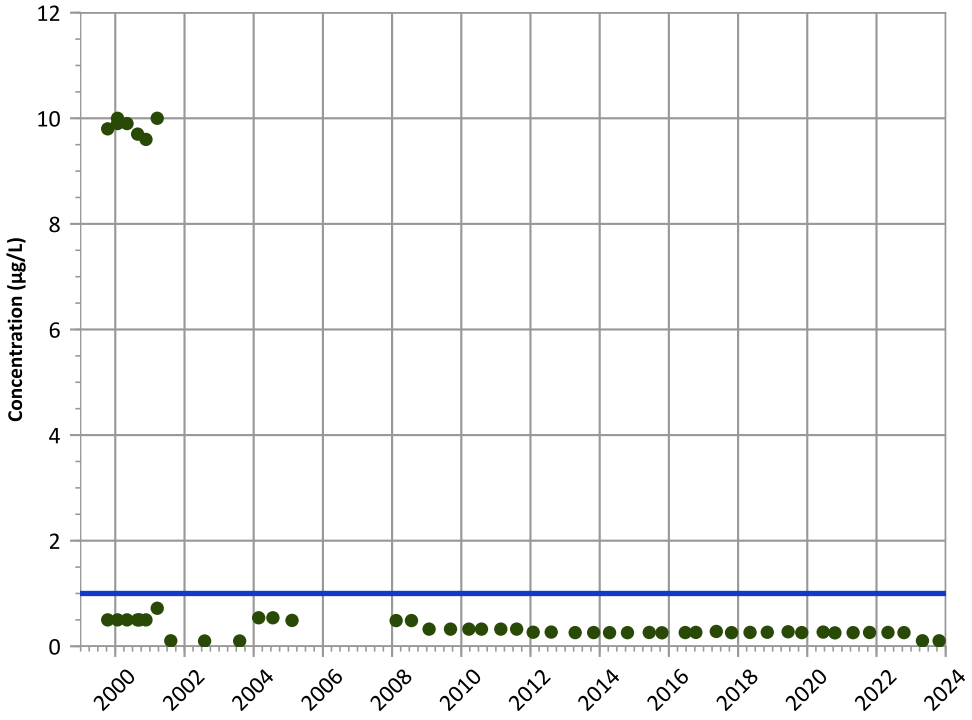
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

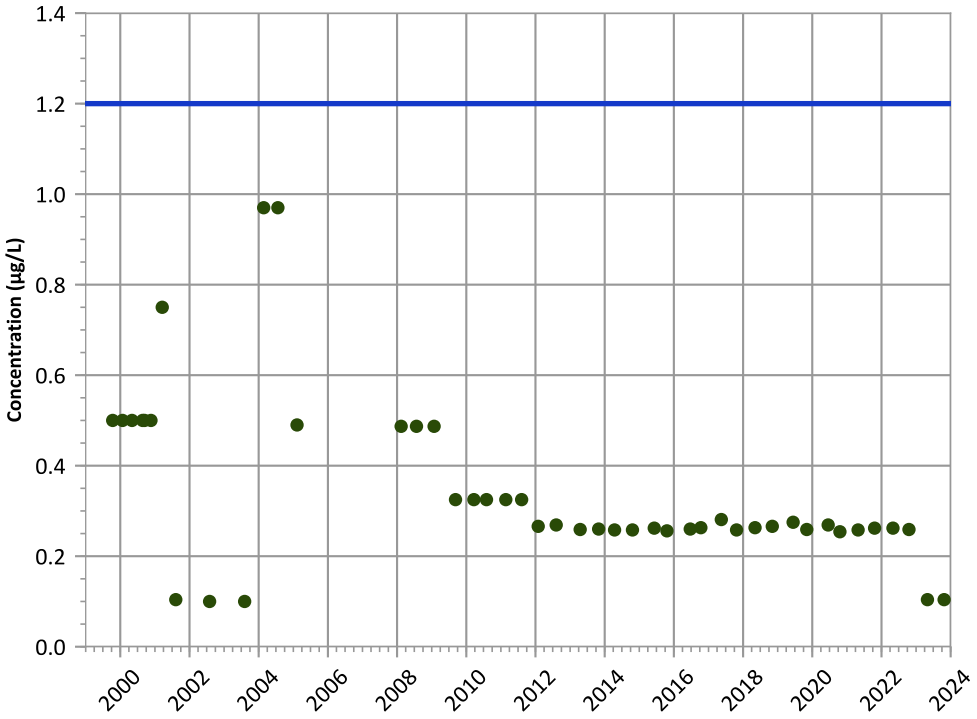
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



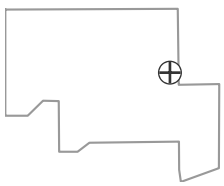
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

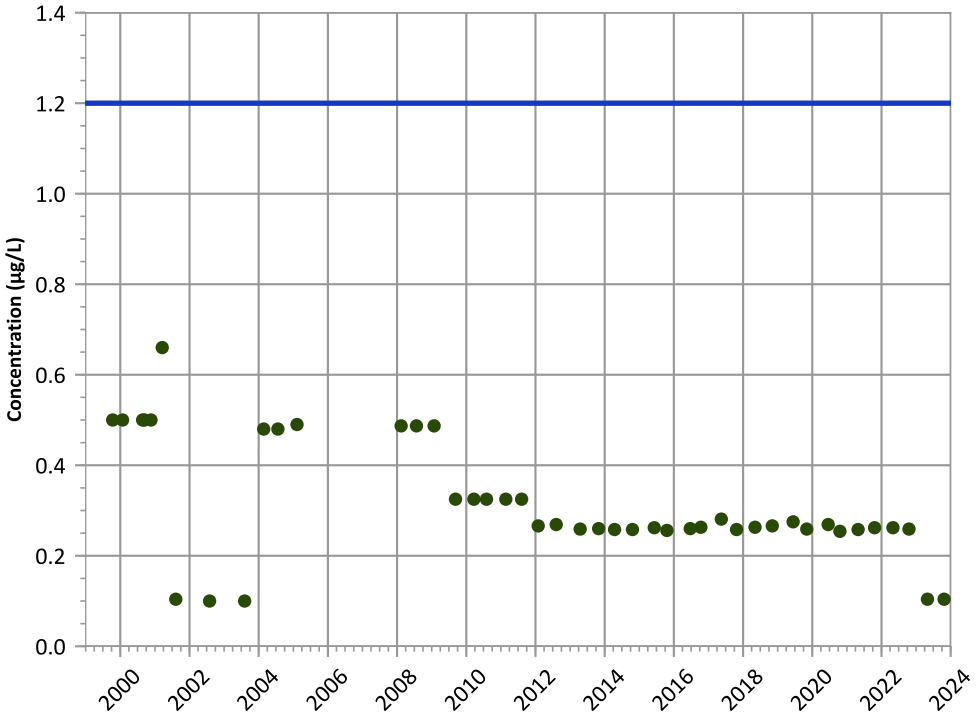
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

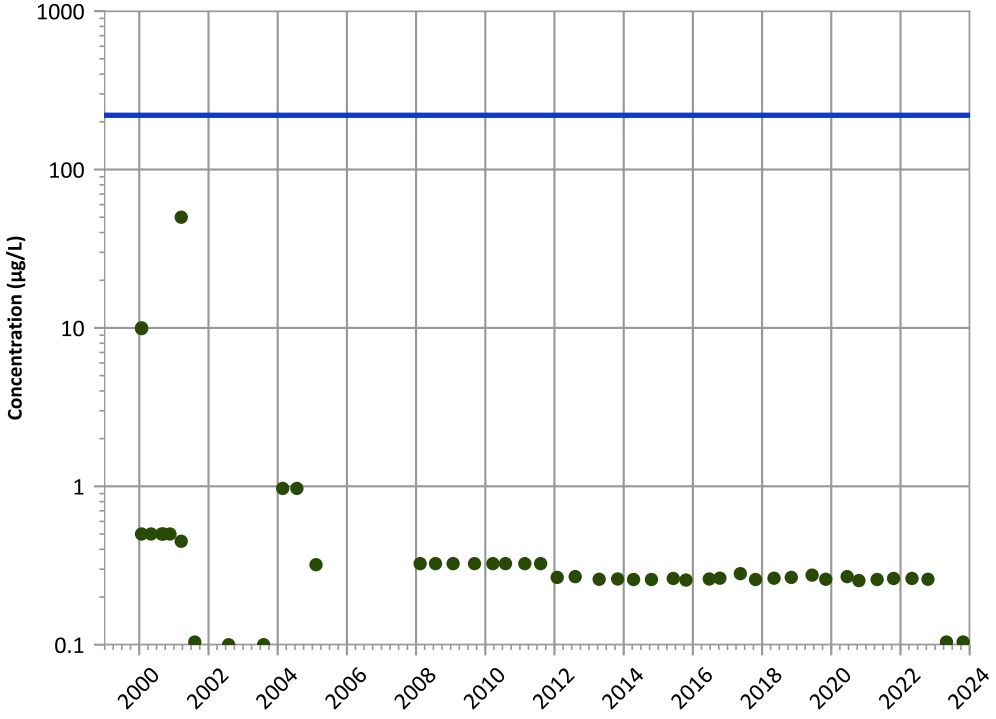
4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



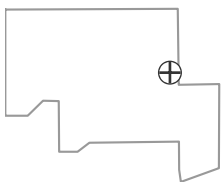
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

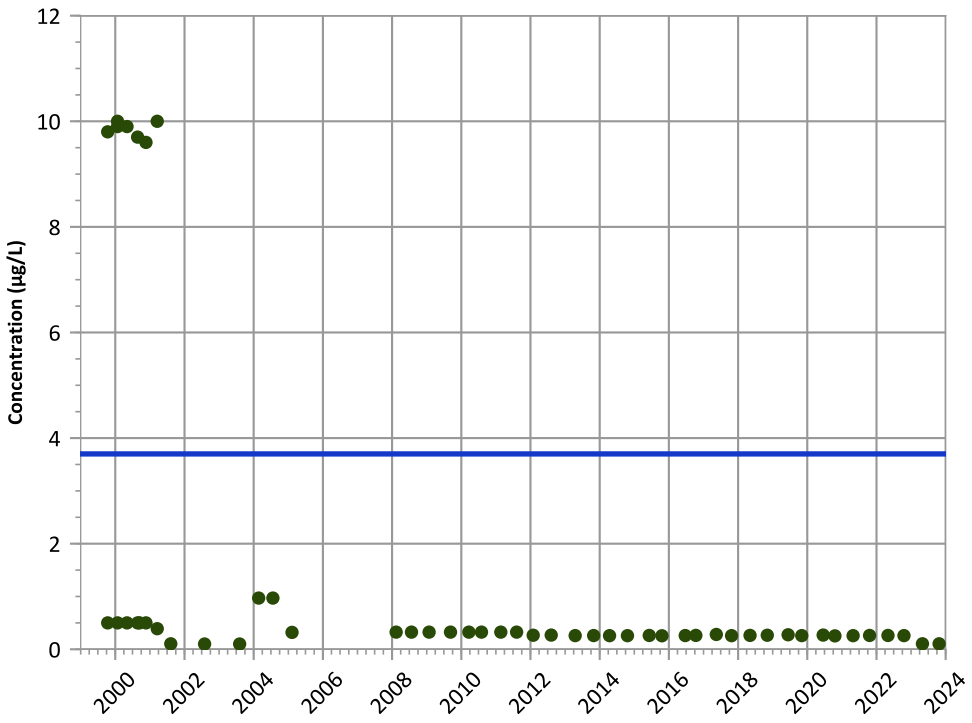
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

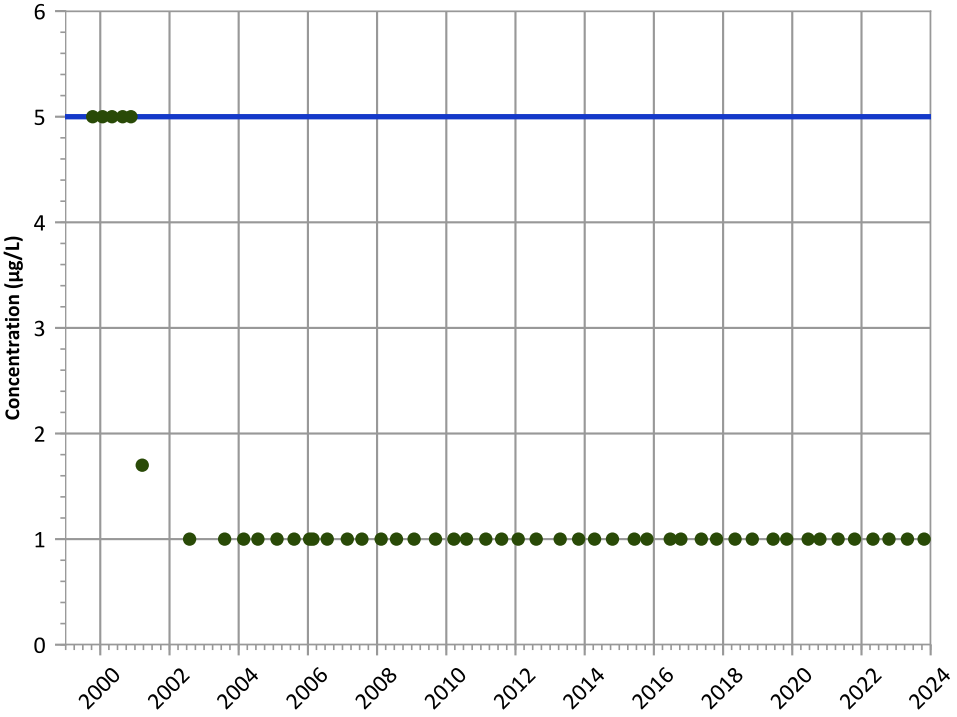
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



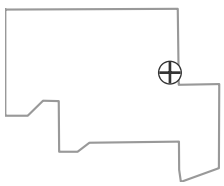
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

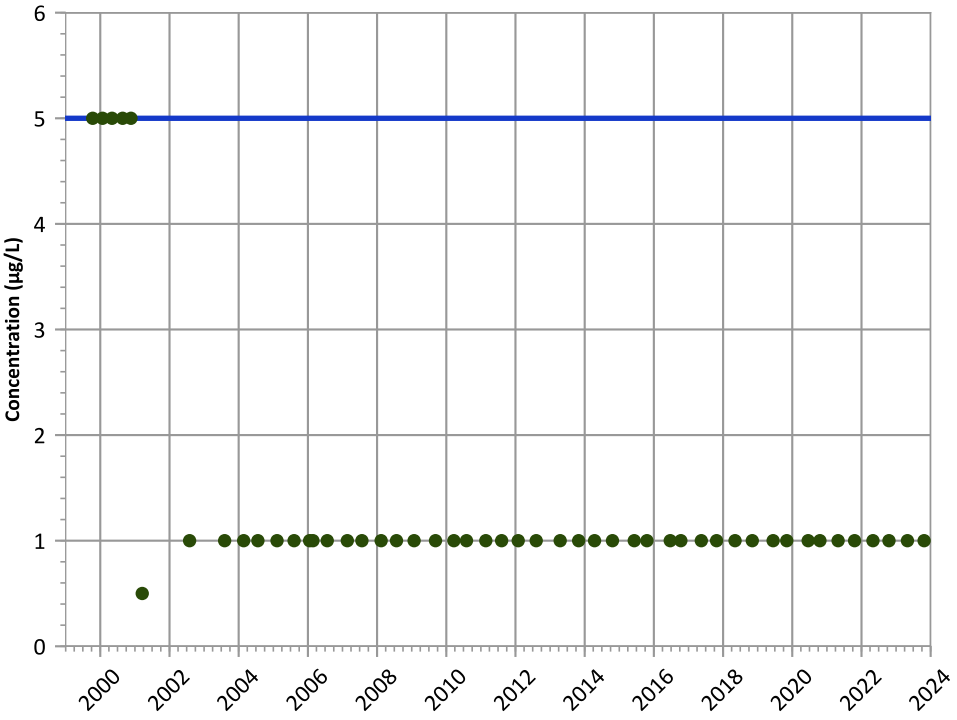
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

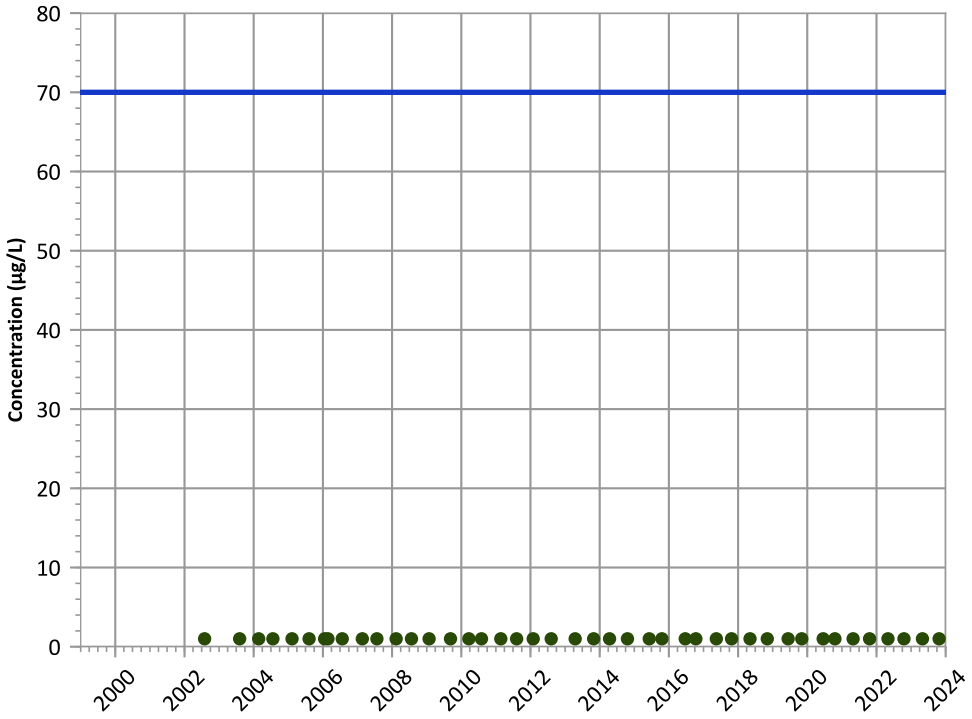
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



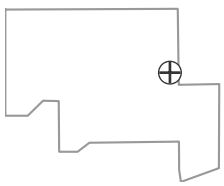
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

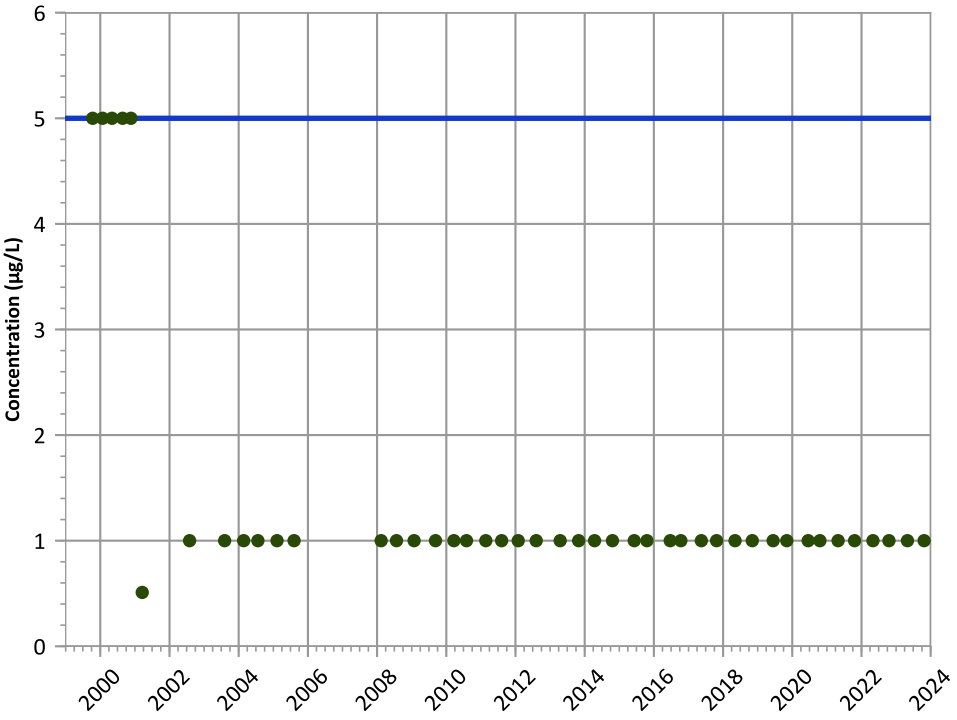
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

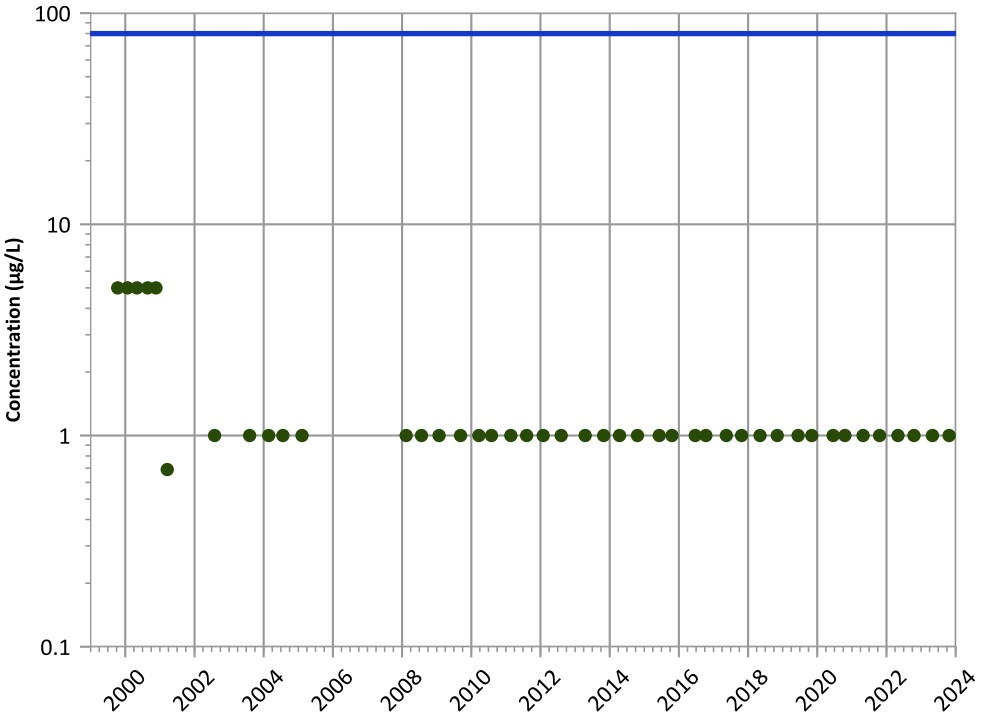
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Chloroform Trend



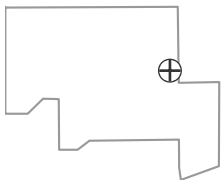
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

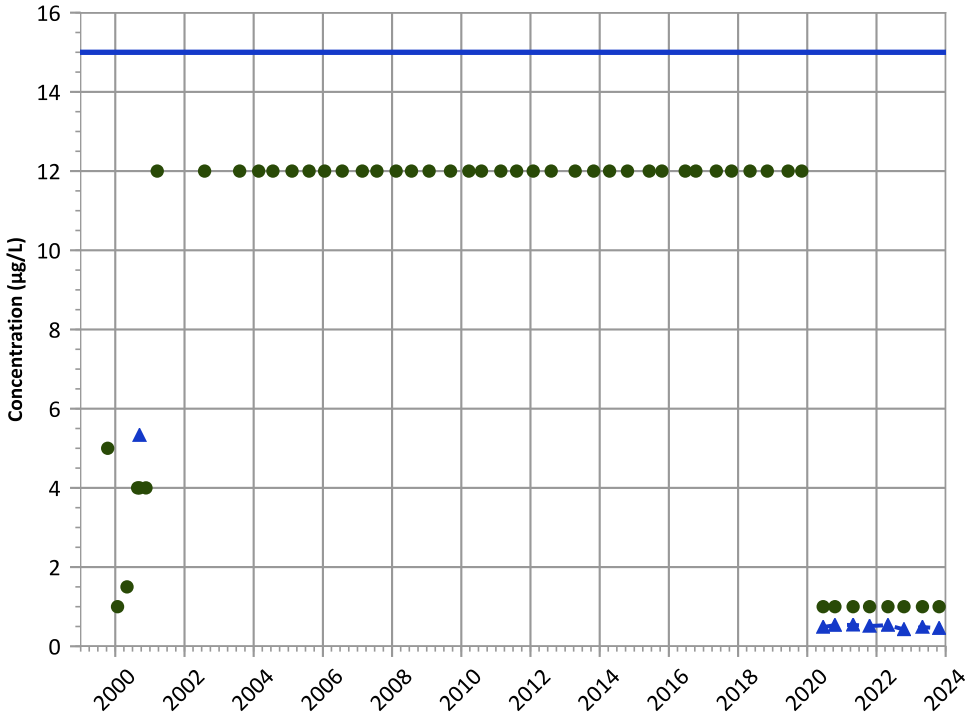
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

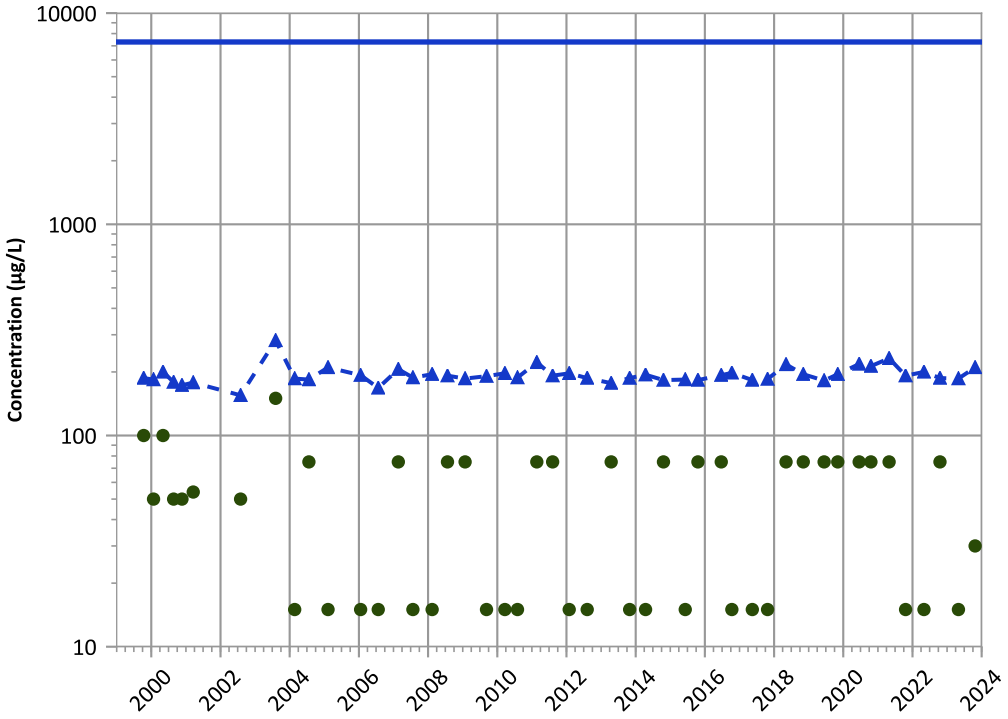


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Probably Decreasing

Boron Trend



Concentration Trend

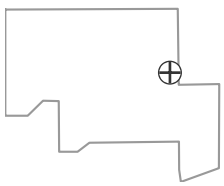
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

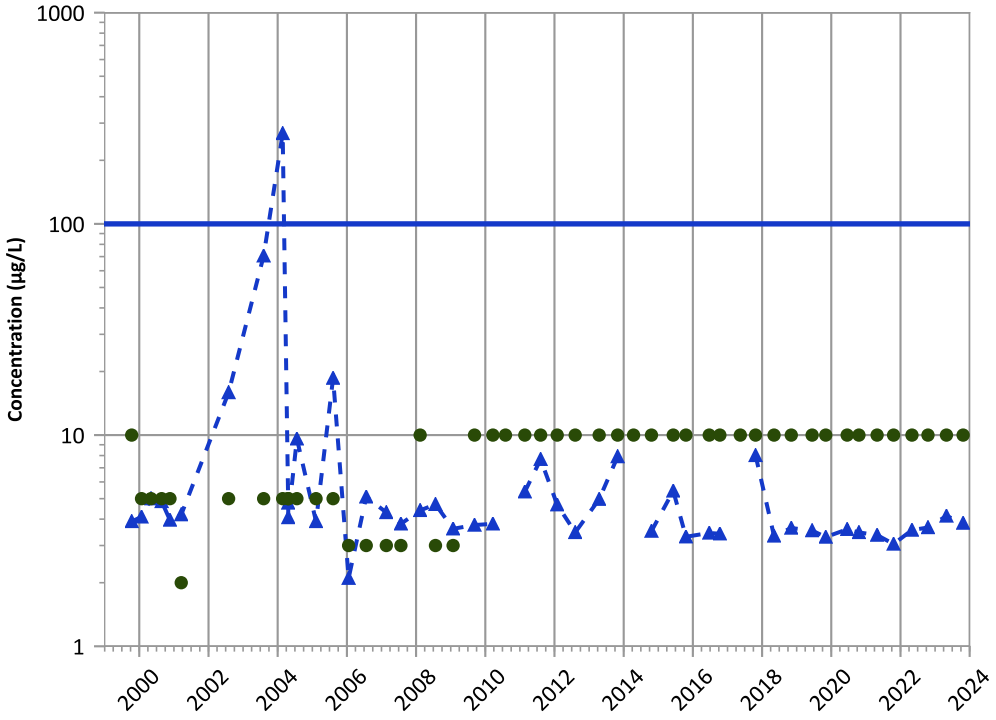
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

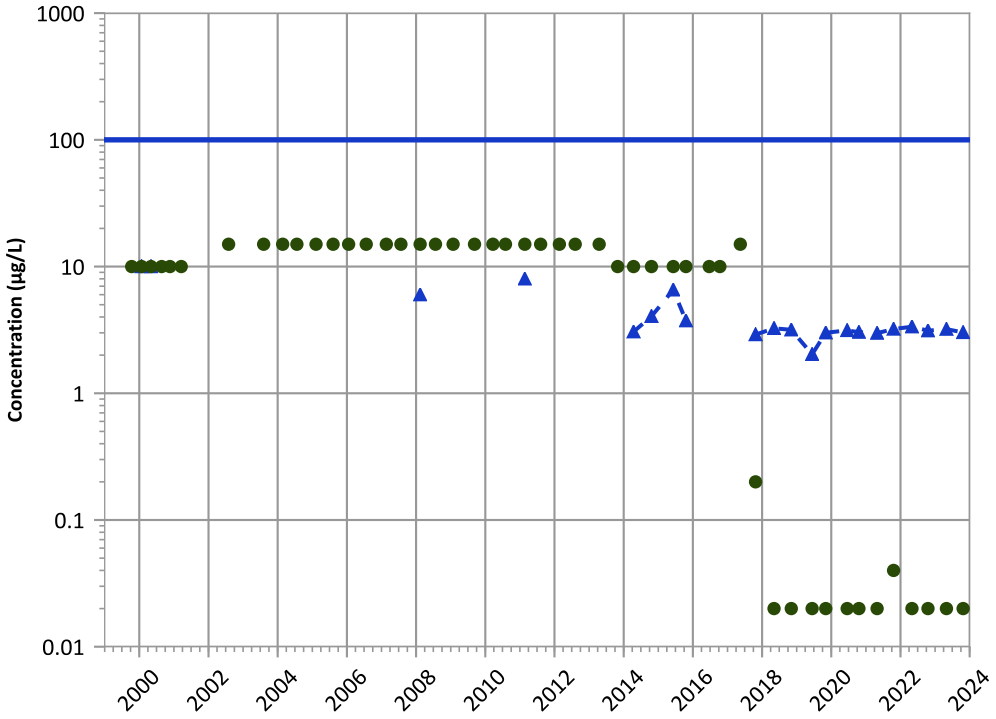
Chromium, Total Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Chromium, Hexavalent Trend



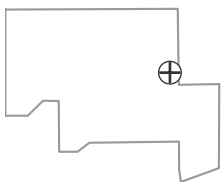
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

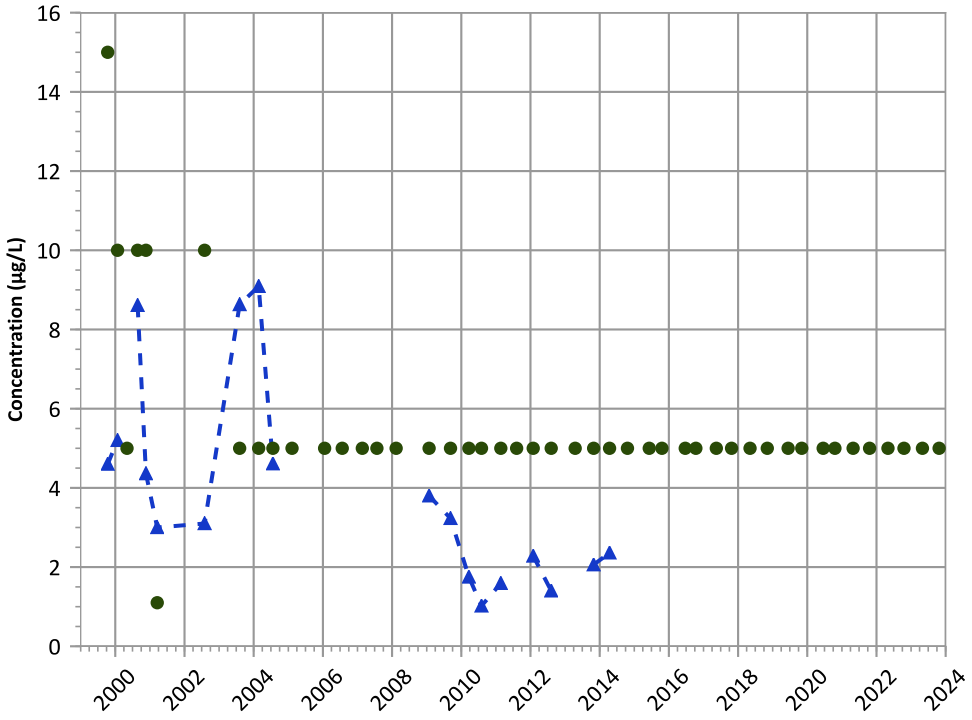
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

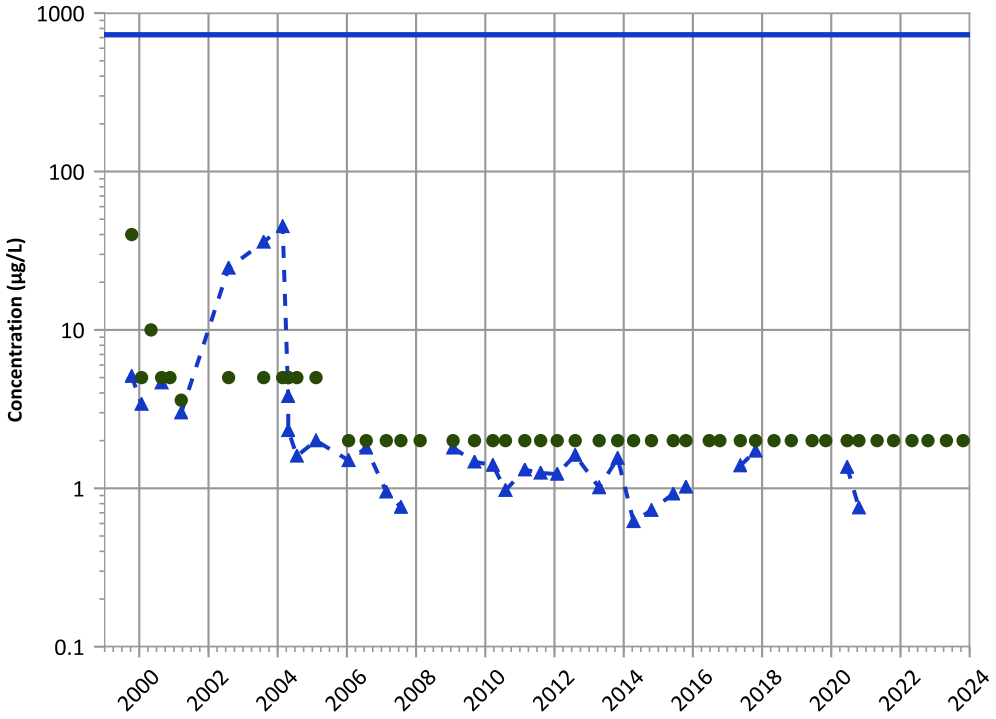


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Nickel Trend



Concentration Trend

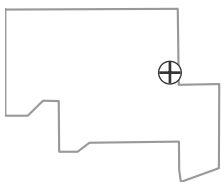
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

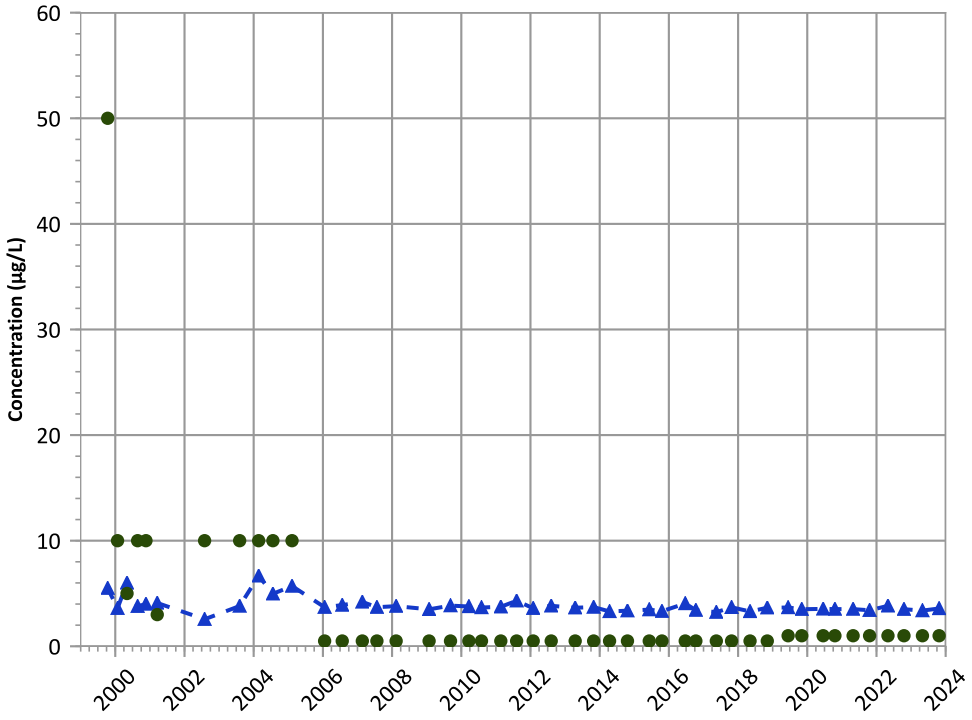
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

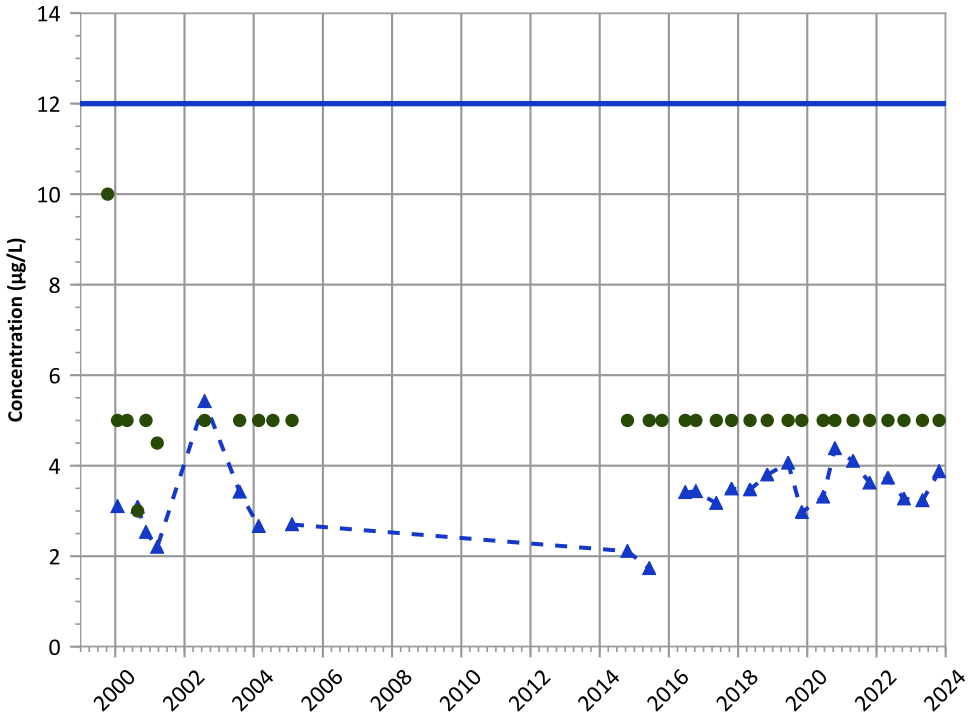
Molybdenum Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Arsenic Trend



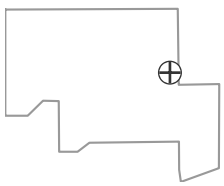
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

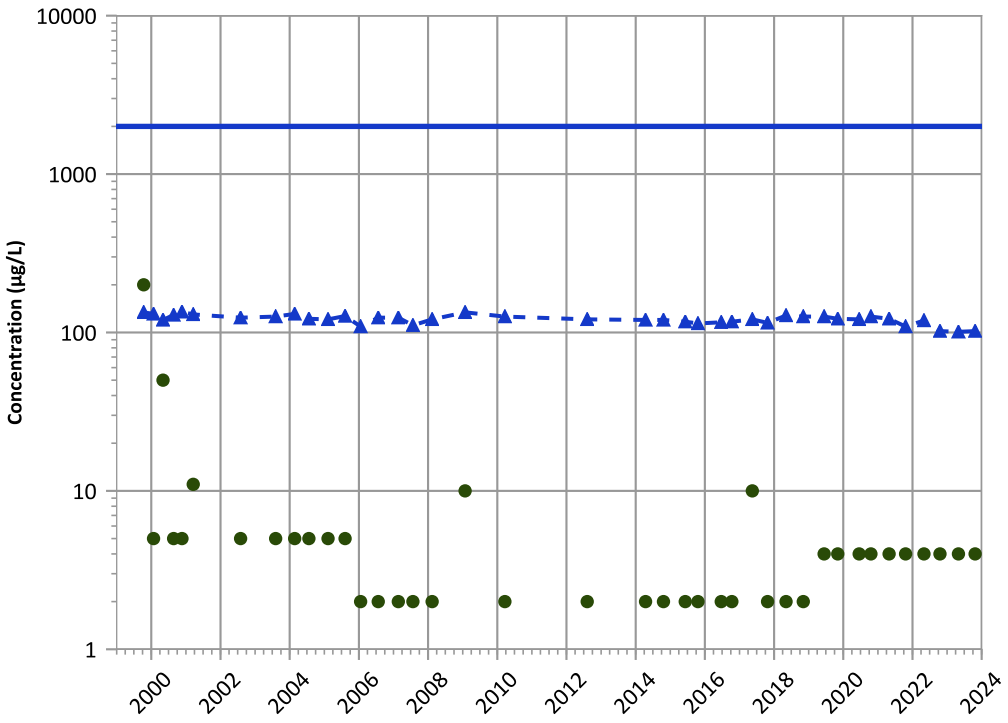
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

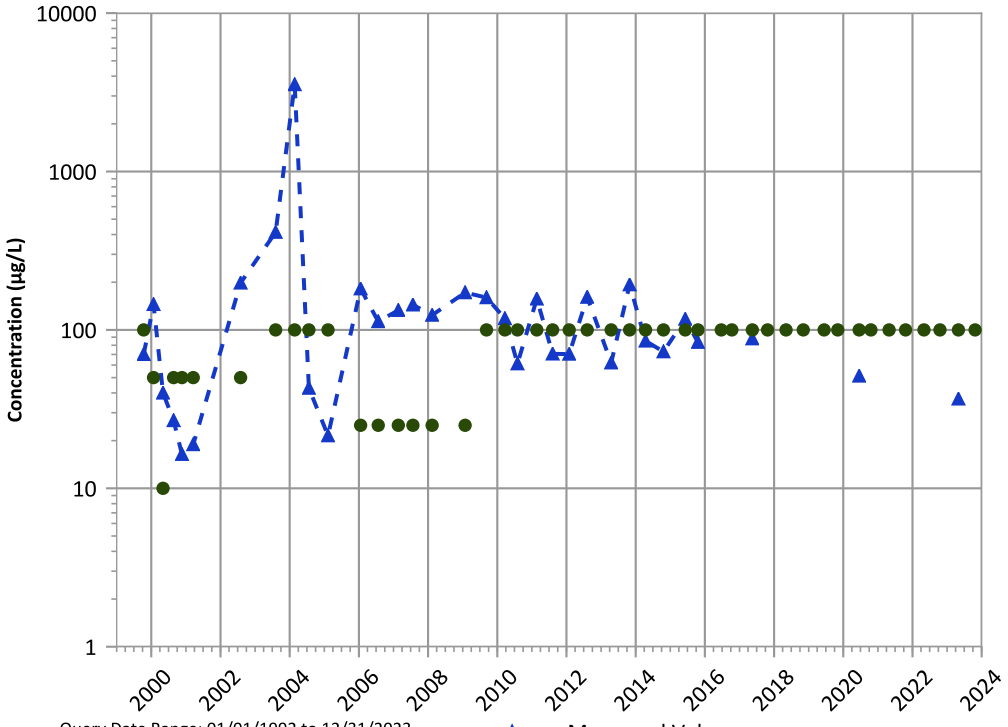


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Iron Trend



Concentration Trend

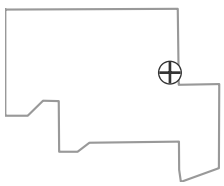
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

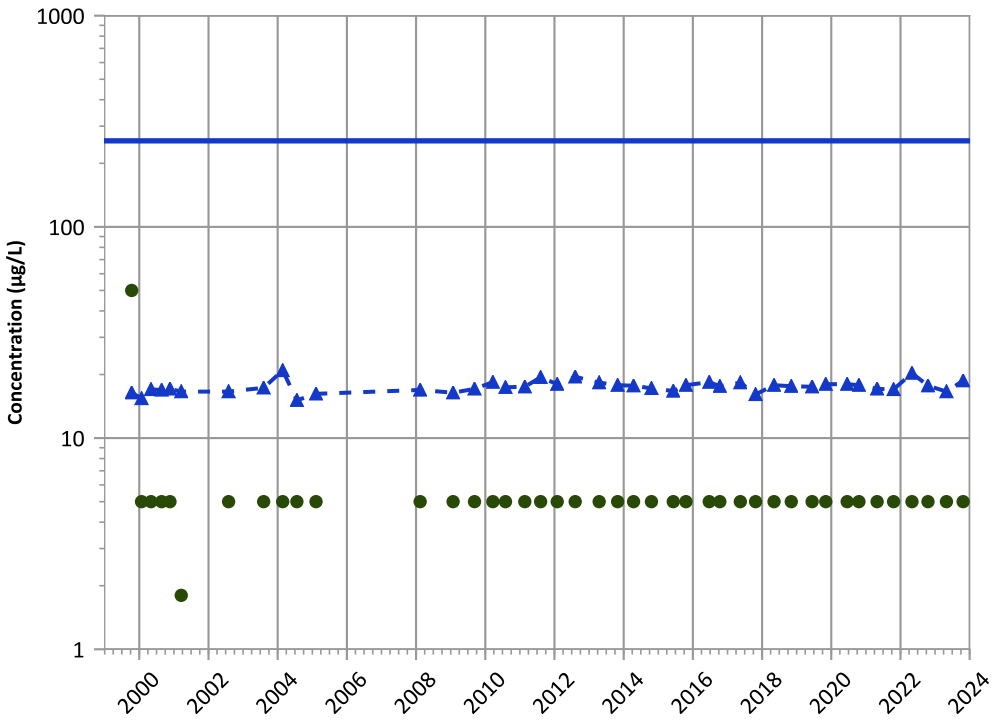
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

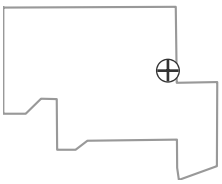
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

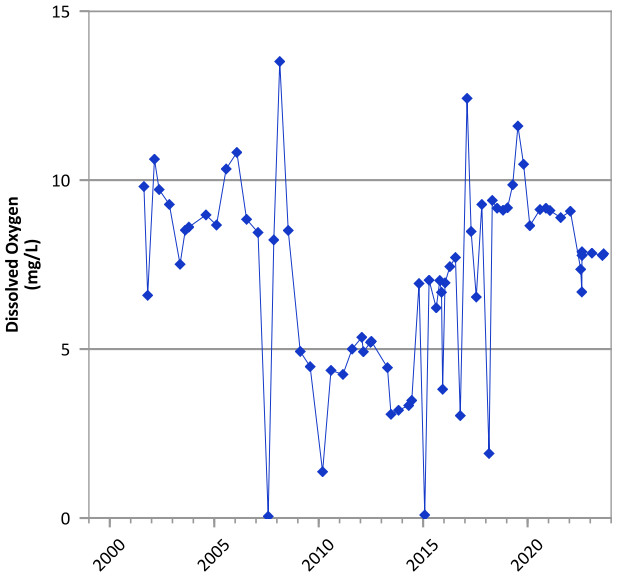
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/13/1999 to 10/24/2023
Analysis Date: 03/29/2024

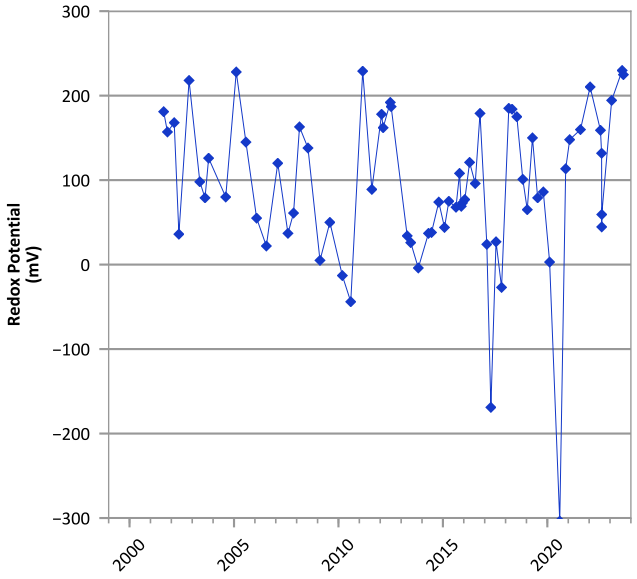
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

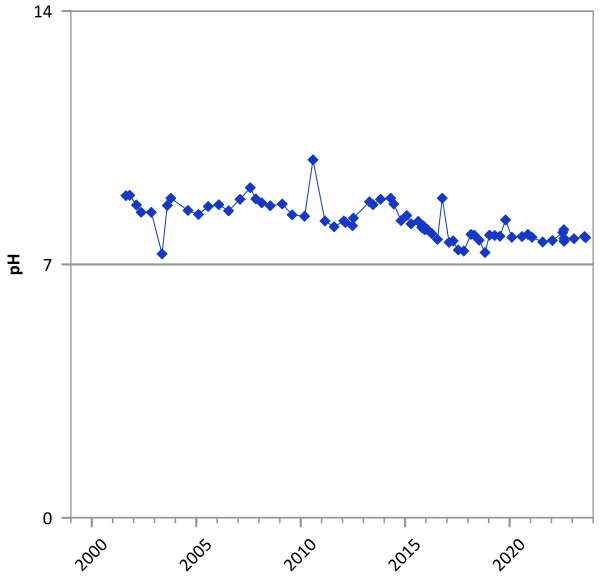
Well Location

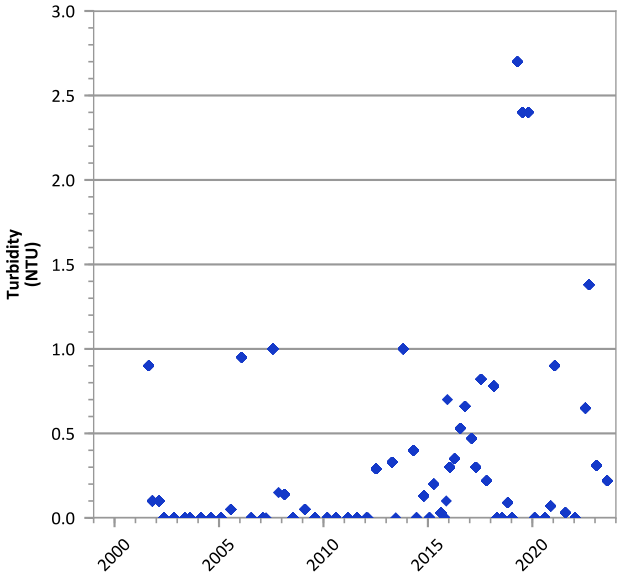


PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

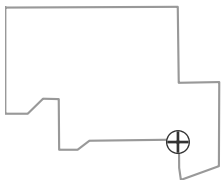






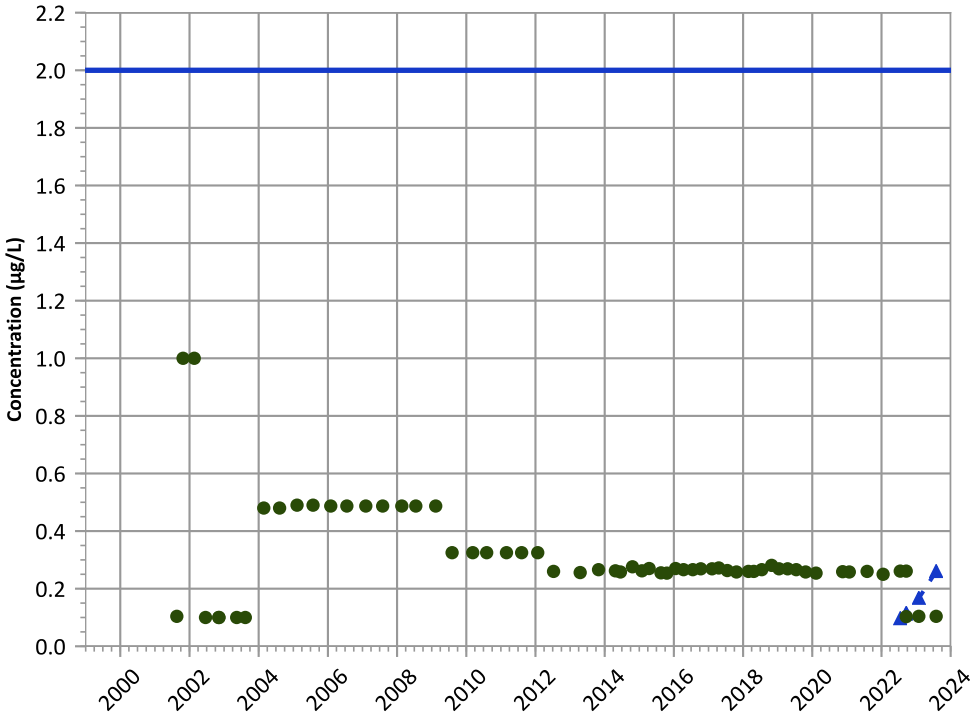


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

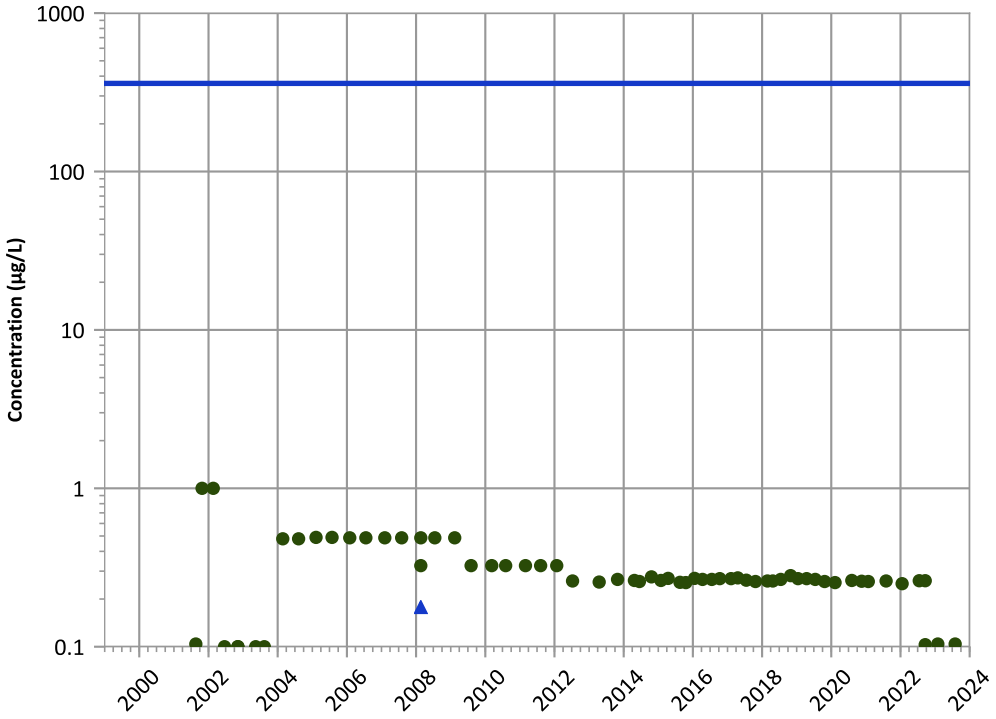


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

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



Concentration Trend

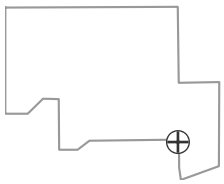
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

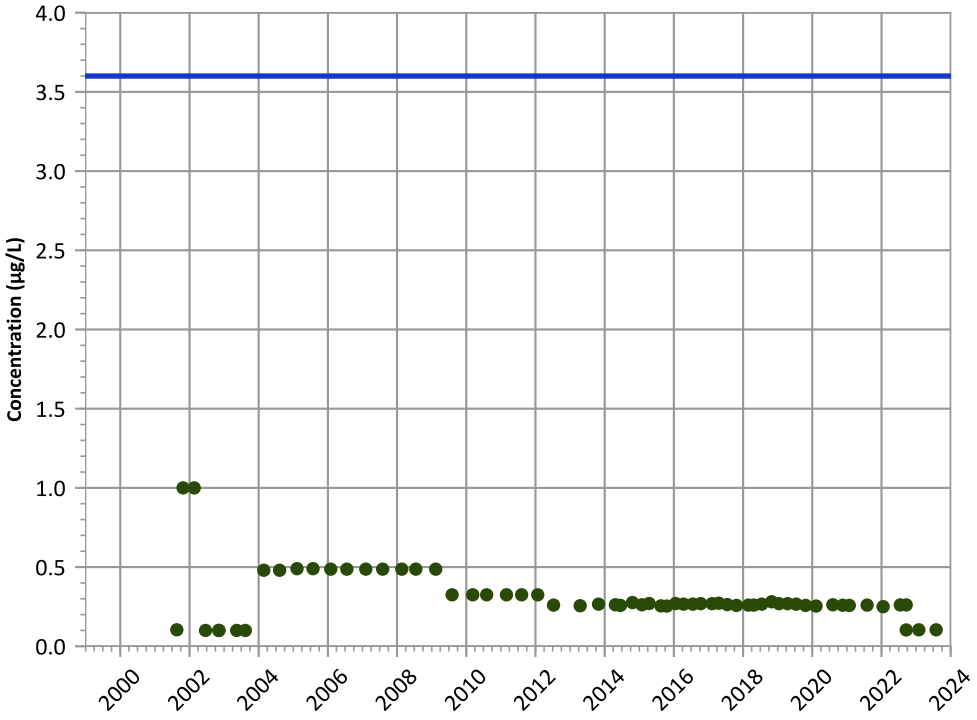
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

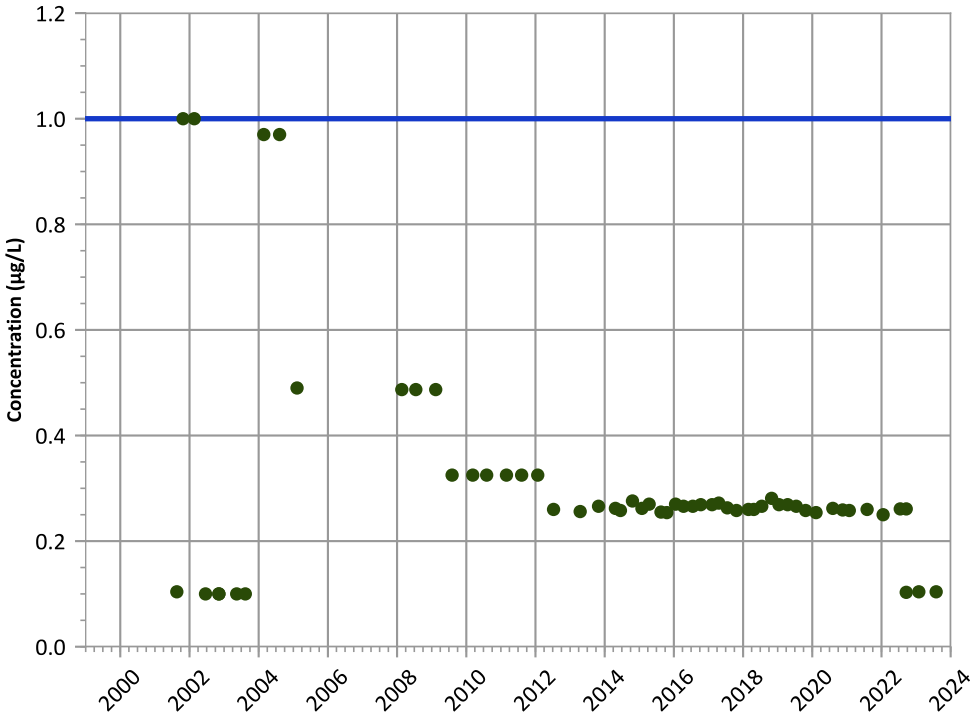
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



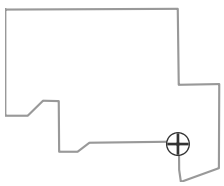
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

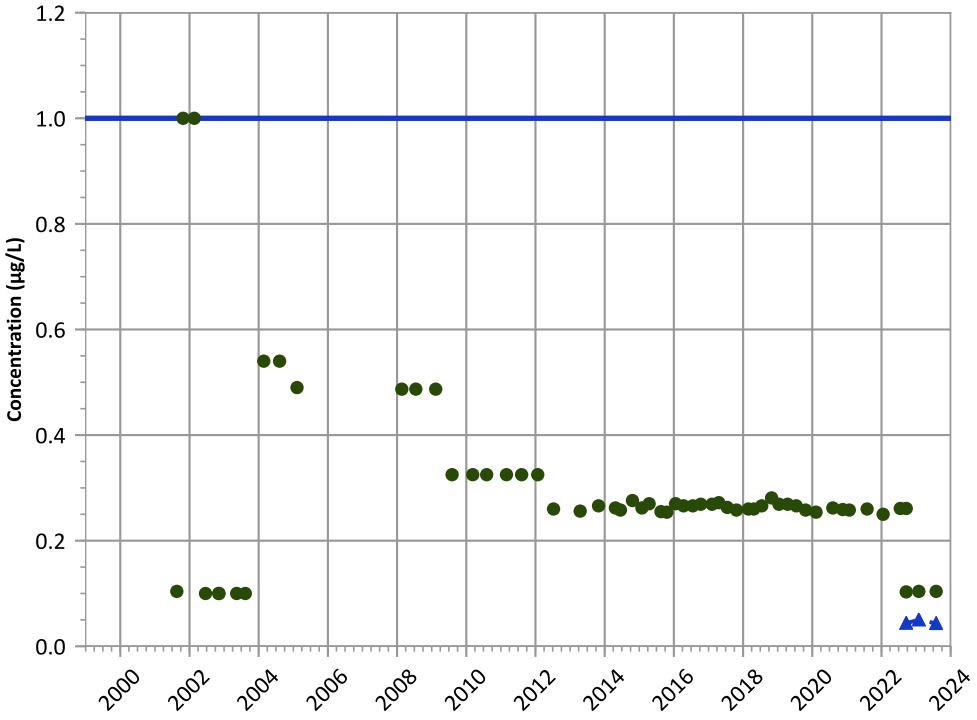
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

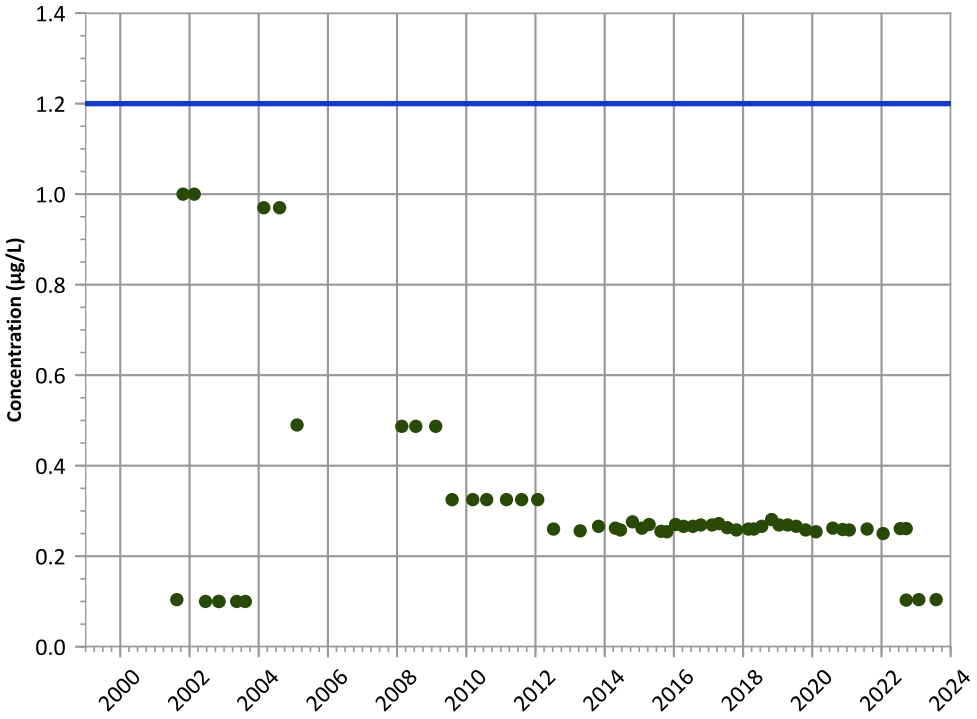


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

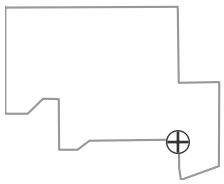
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

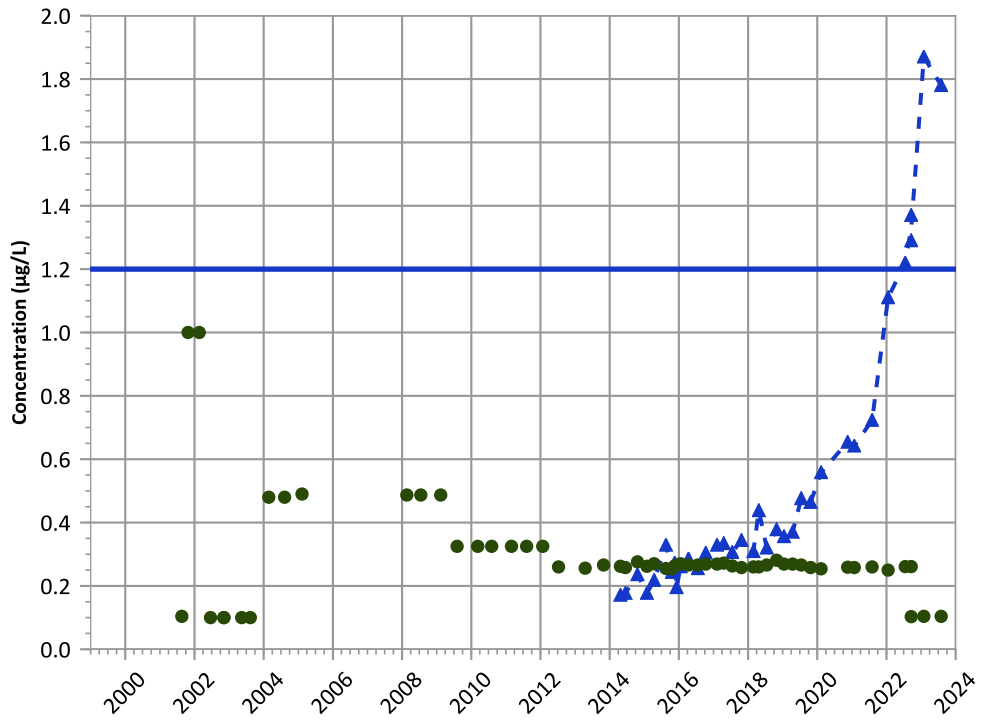
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

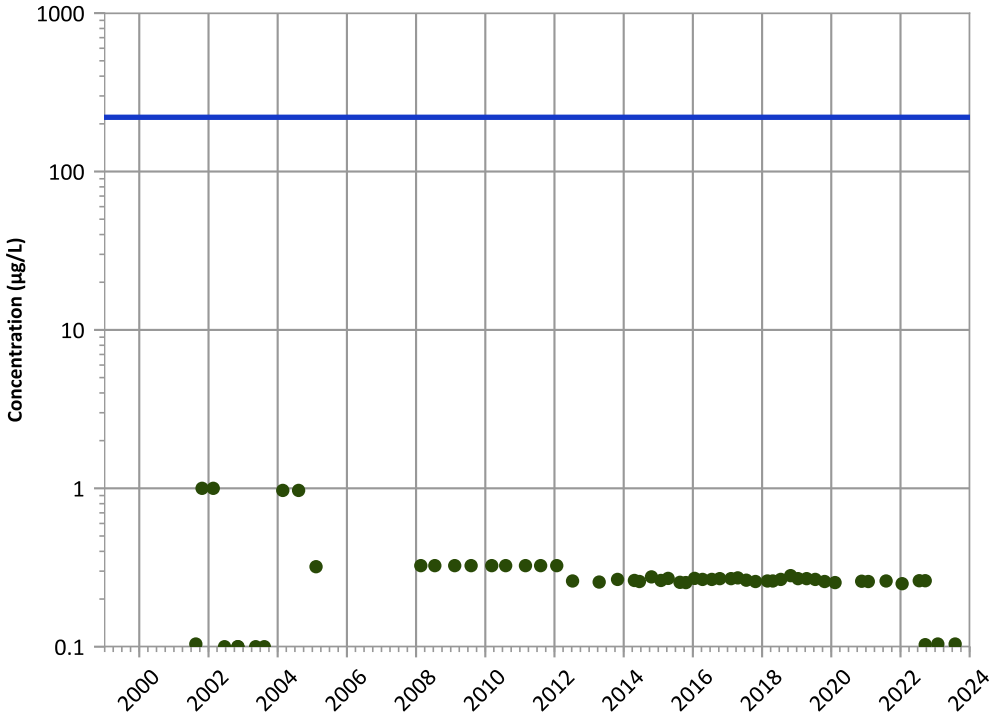


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

1,3,5-Trinitrobenzene Trend

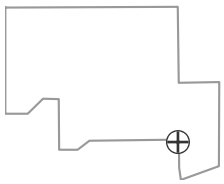


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

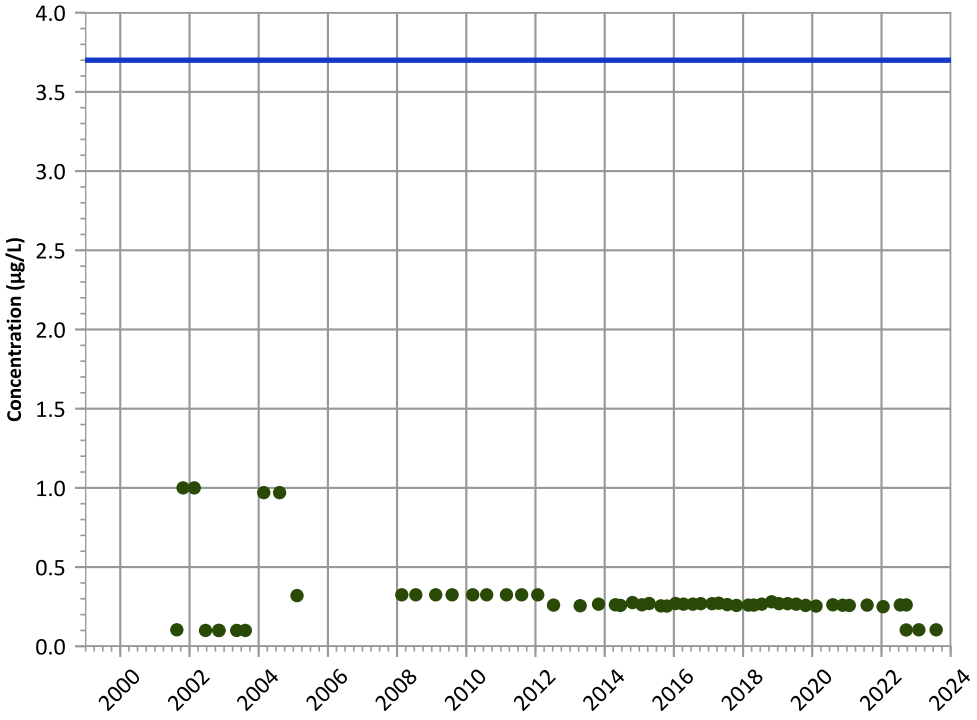


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

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

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

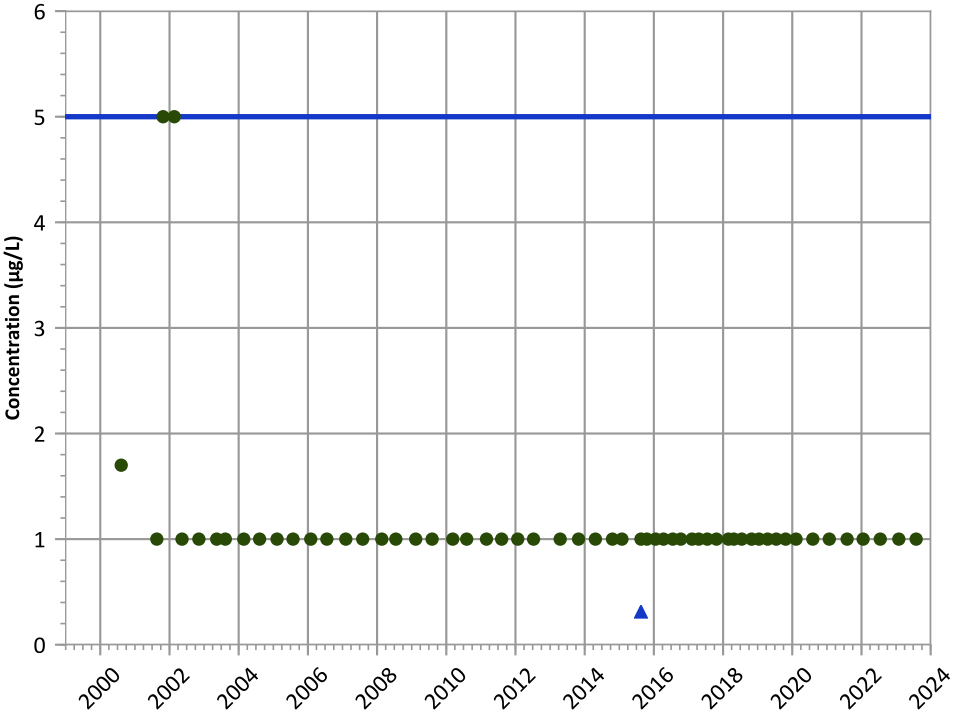


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

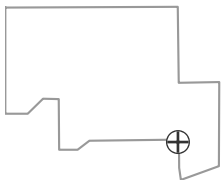
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

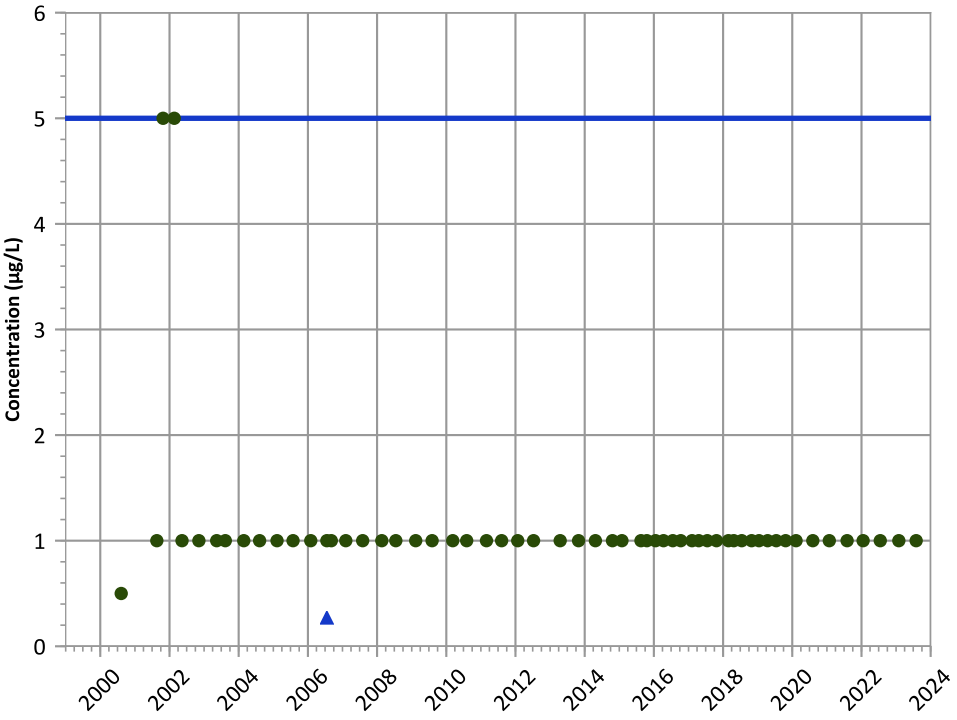
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

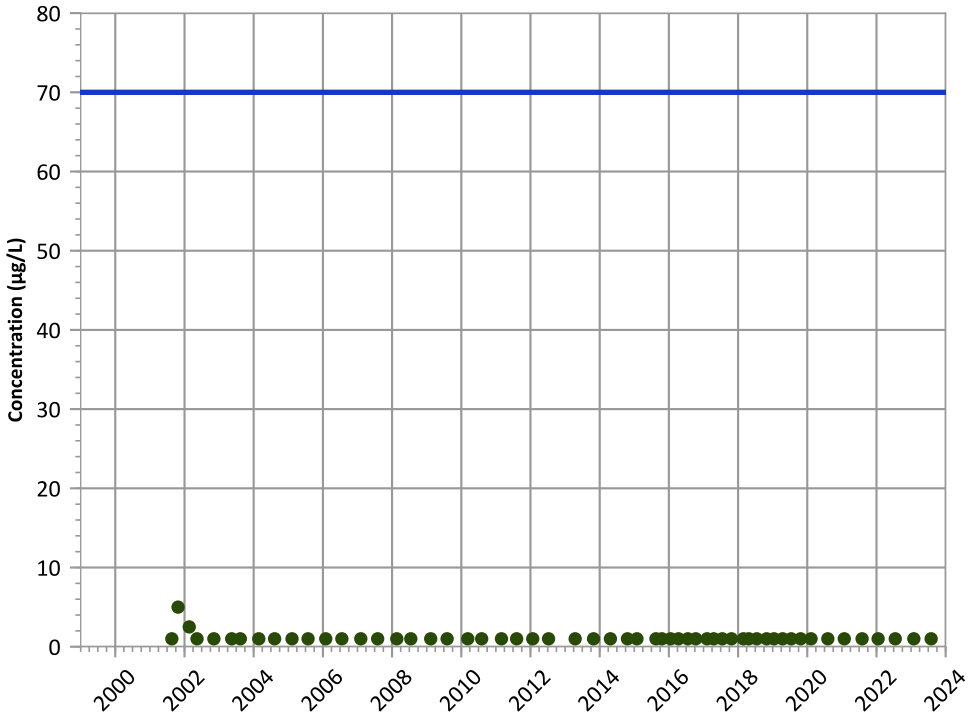
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



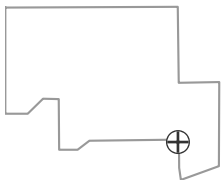
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

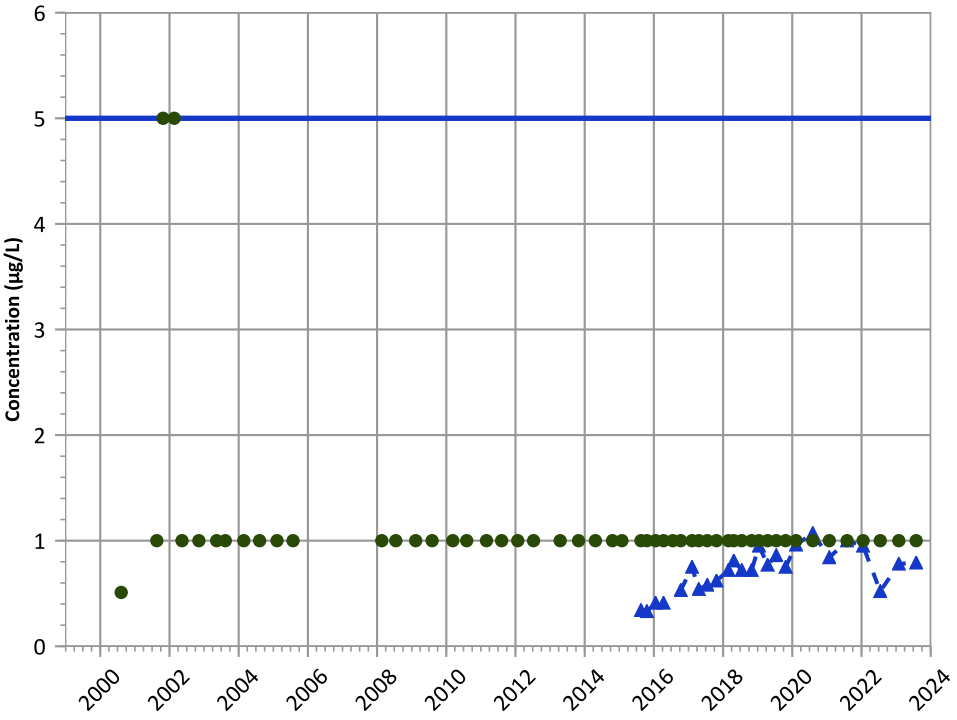
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

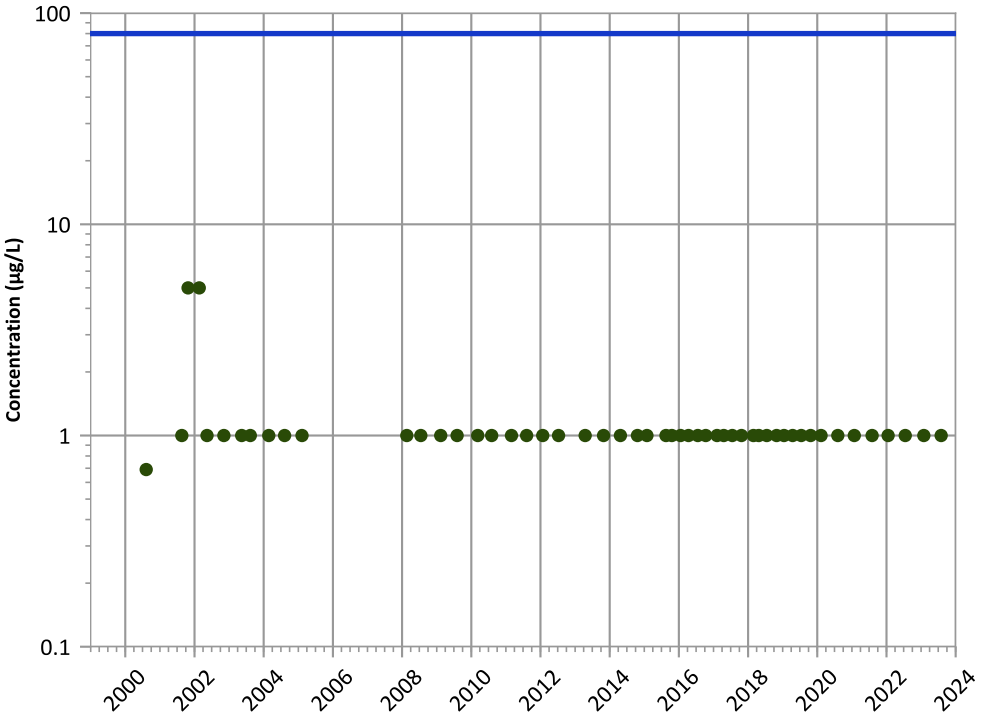


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

Chloroform Trend



Concentration Trend

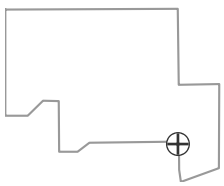
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

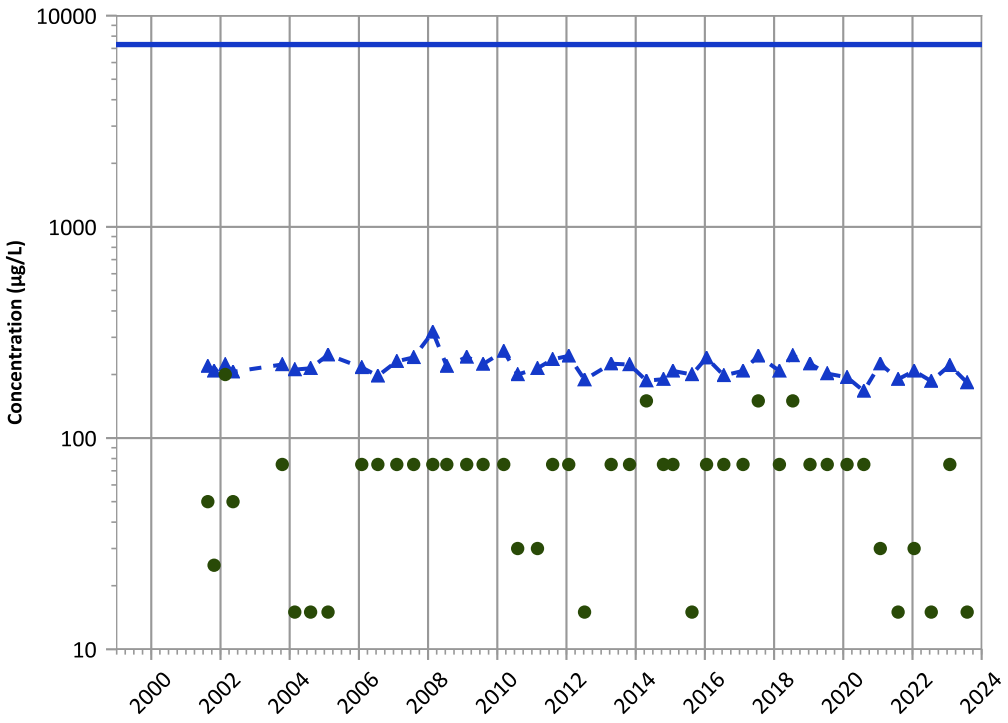
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

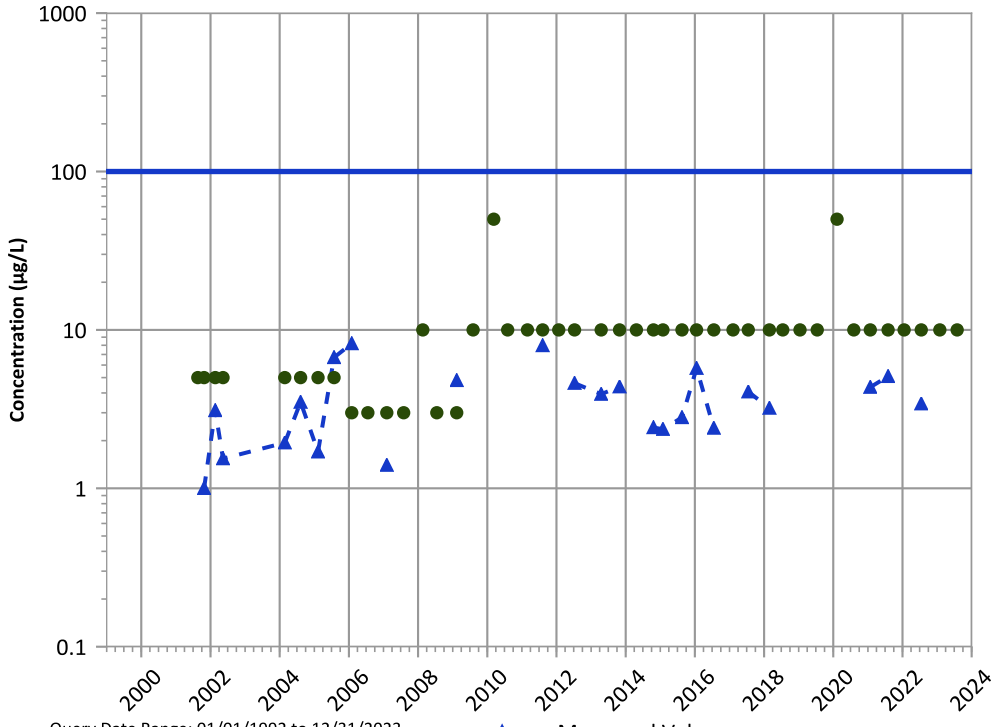


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Chromium, Total Trend



Concentration Trend

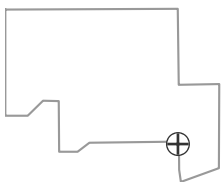
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

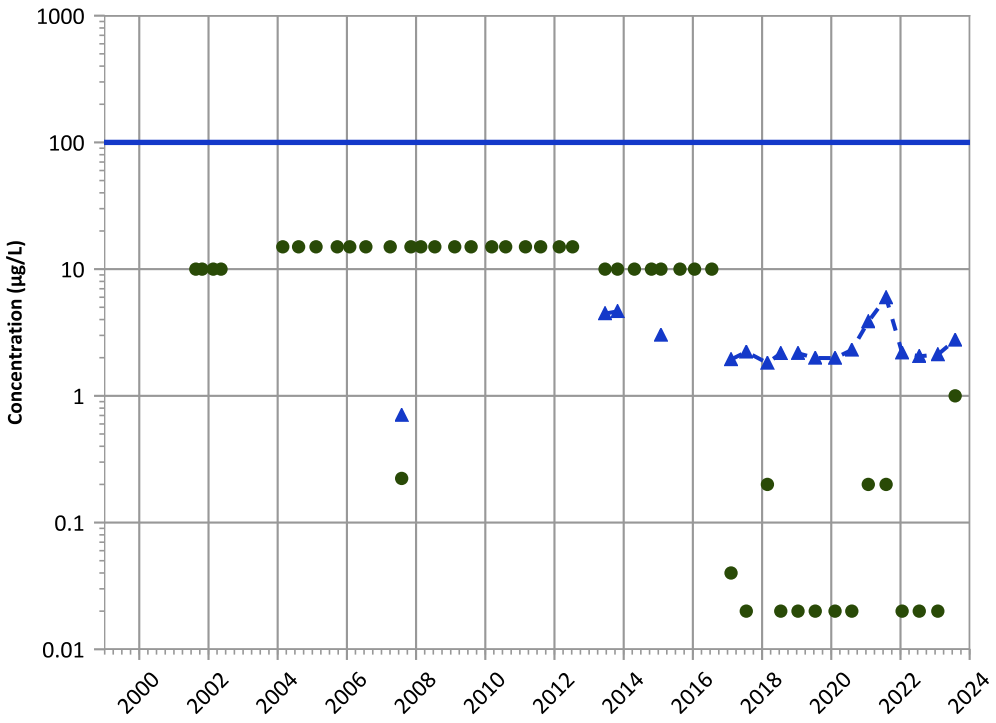
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

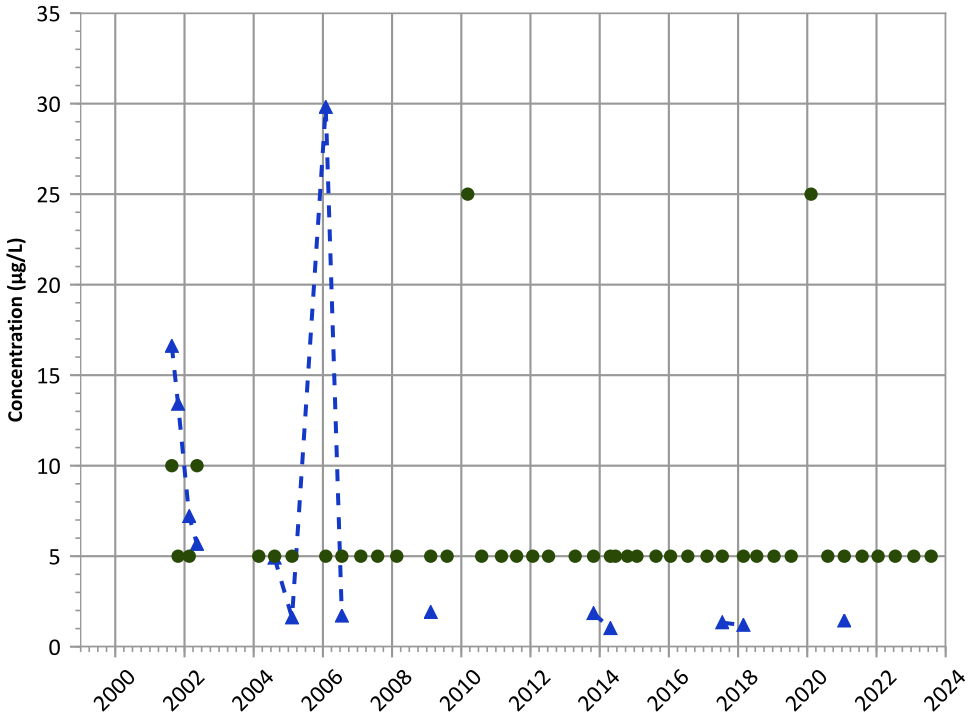


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Manganese Trend



Concentration Trend

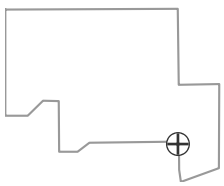
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

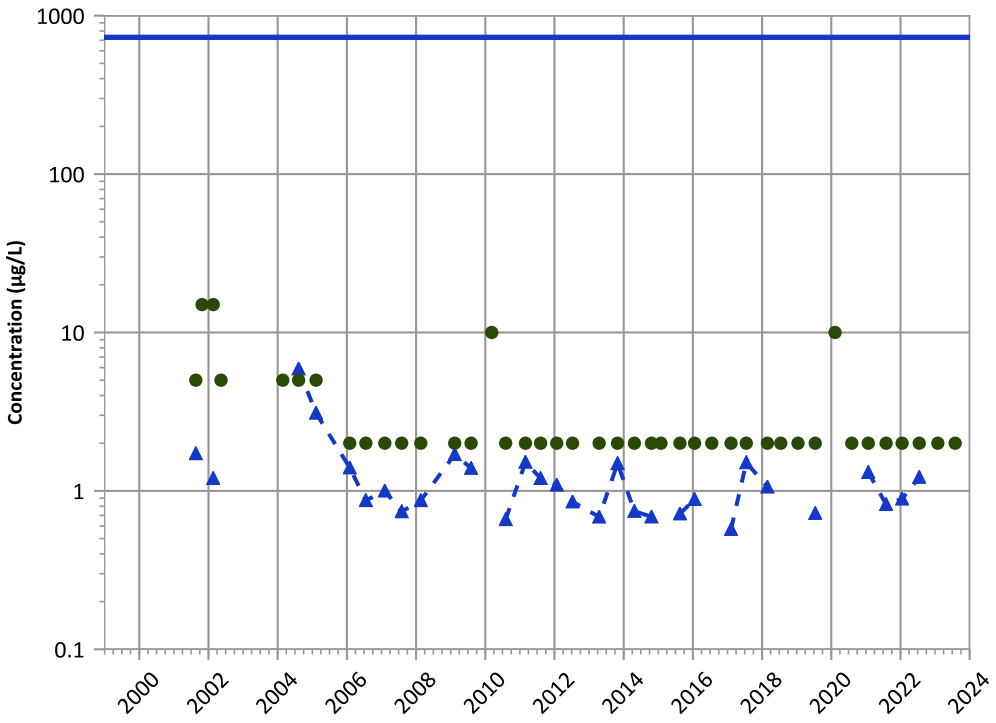
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

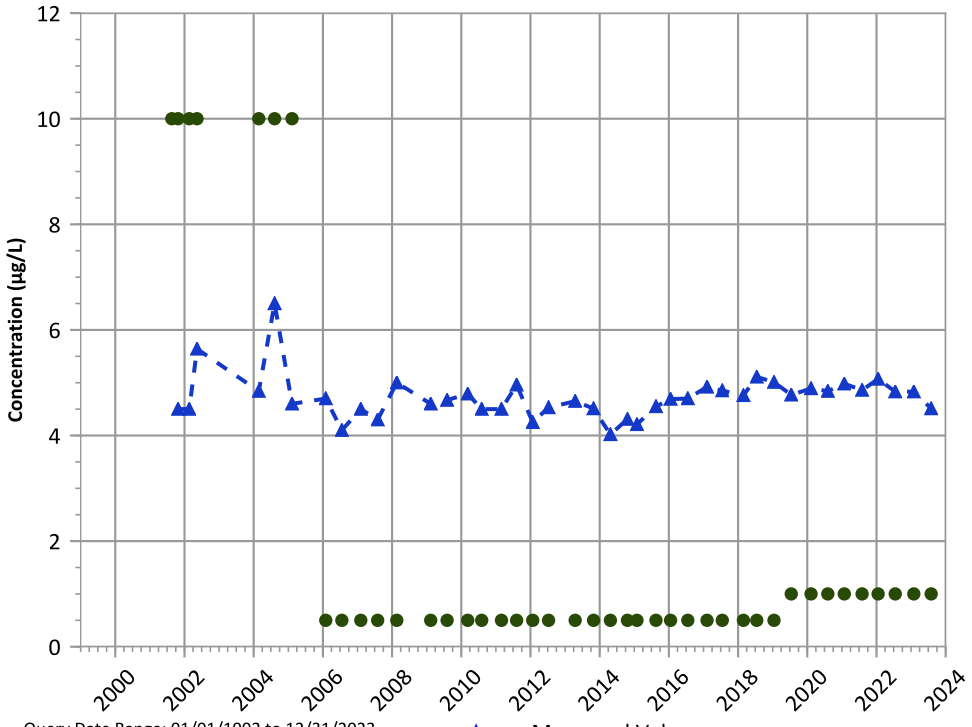


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Stable

Molybdenum Trend



Concentration Trend

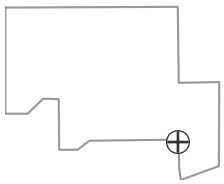
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

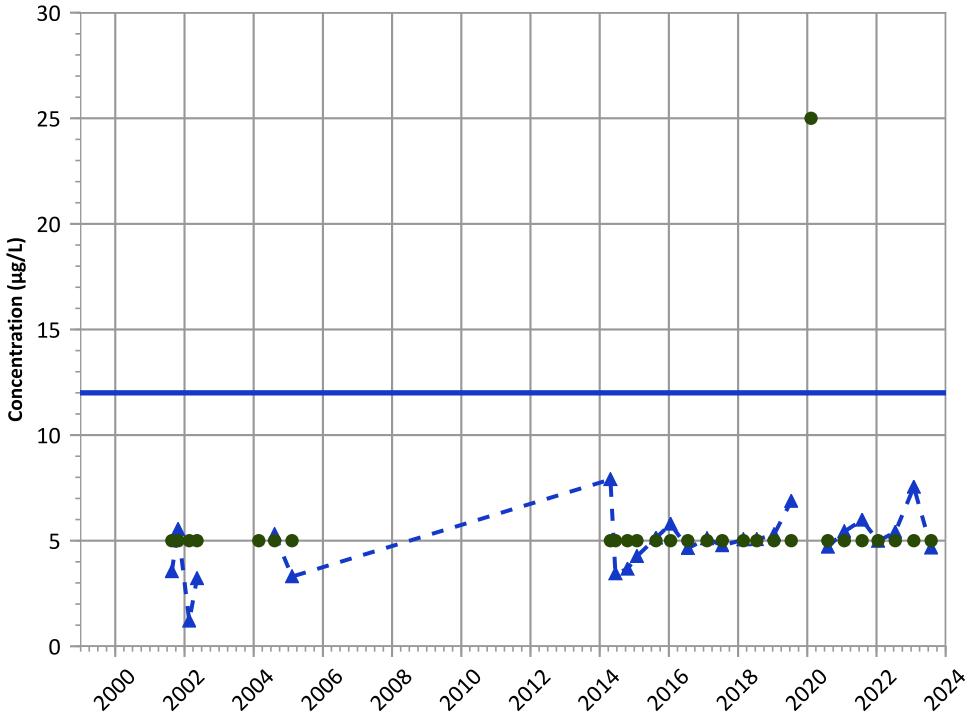
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

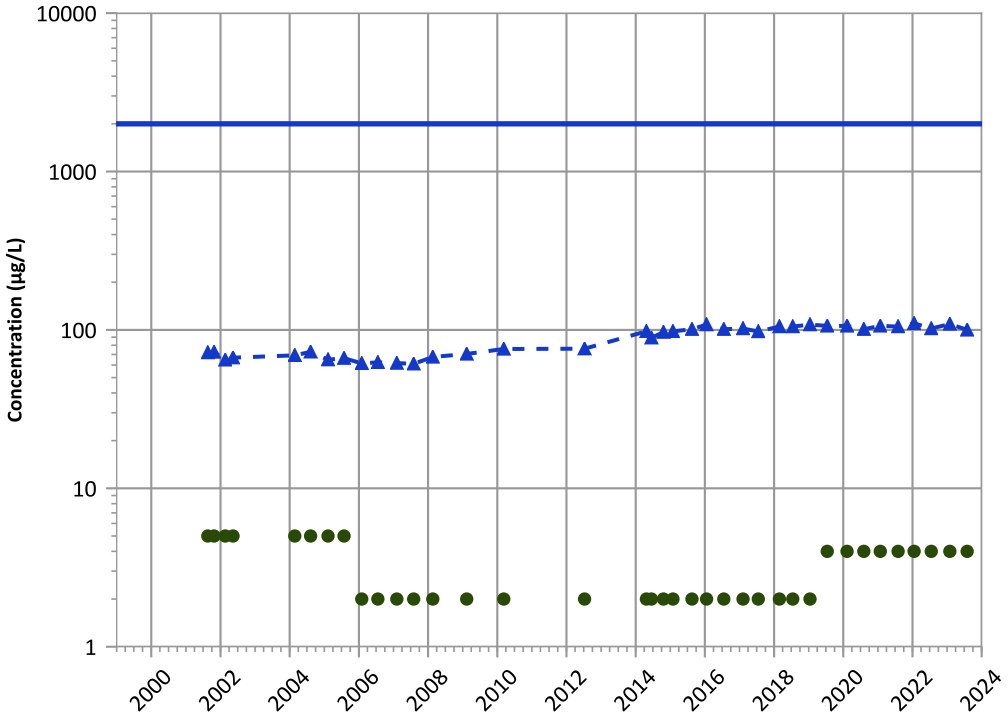


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Barium Trend



Concentration Trend

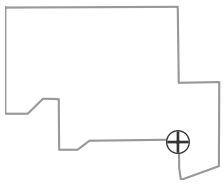
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

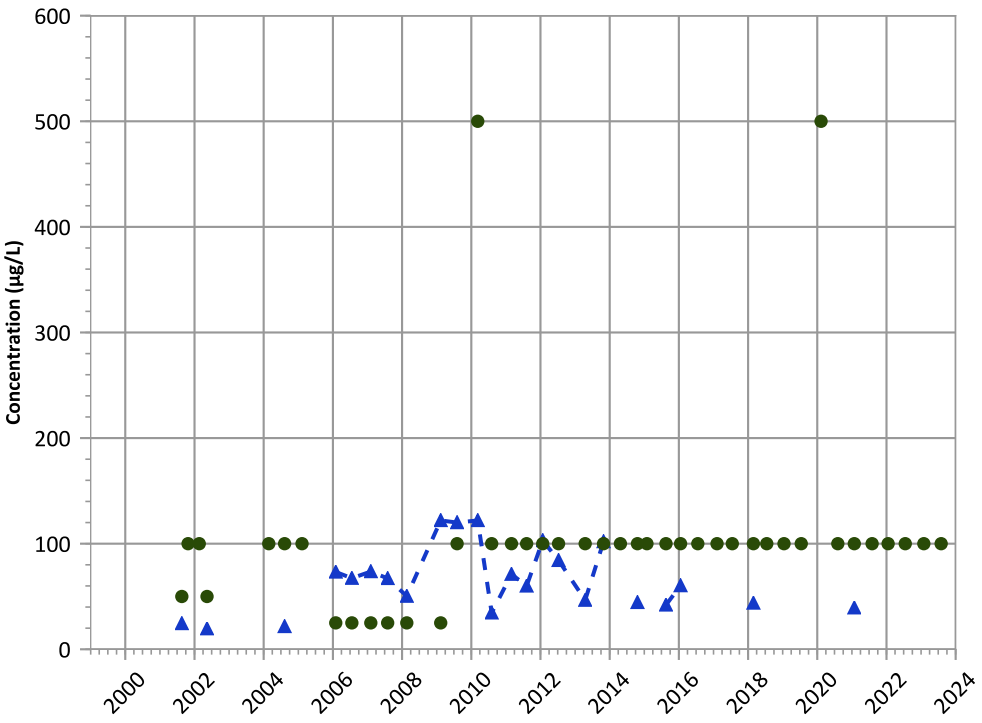
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

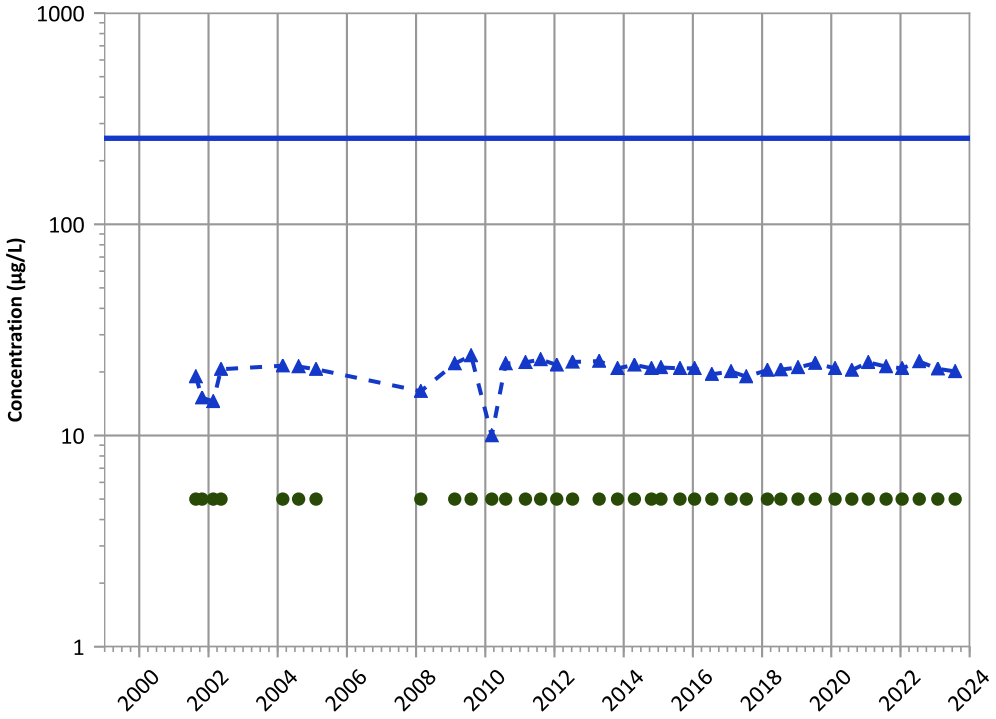


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Vanadium Trend



Concentration Trend

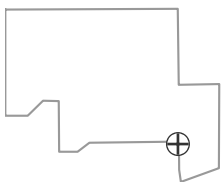
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

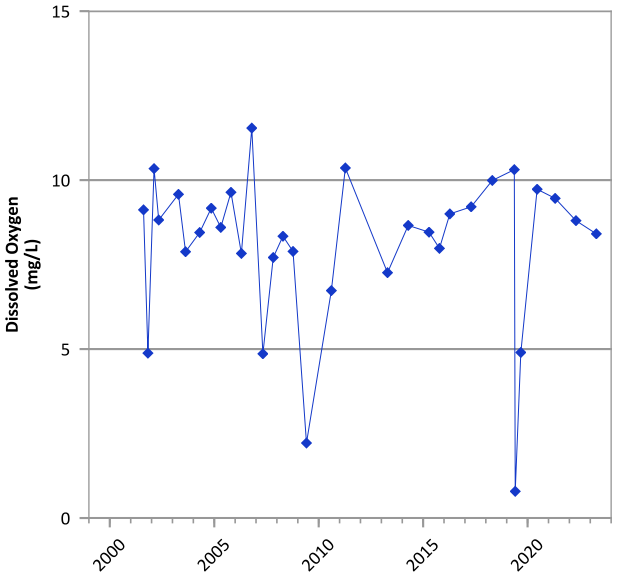
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/09/2000 to 08/01/2023
Analysis Date: 03/29/2024

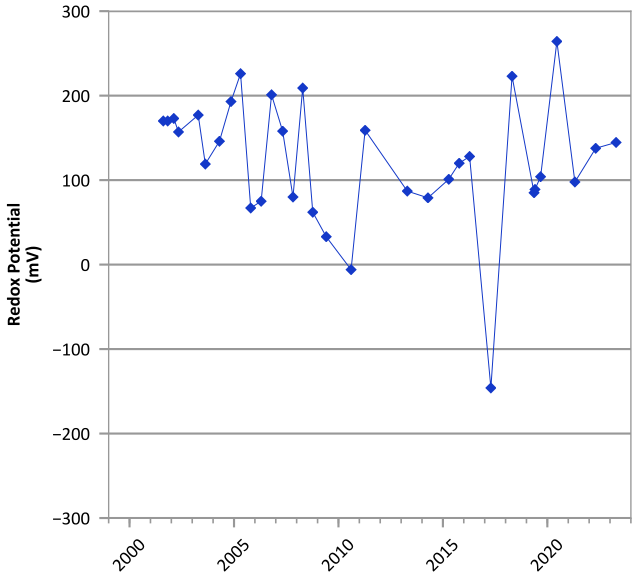
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

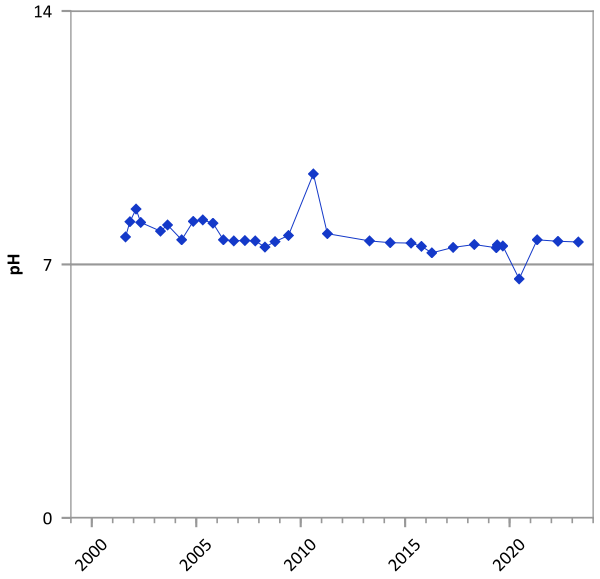
Well Location

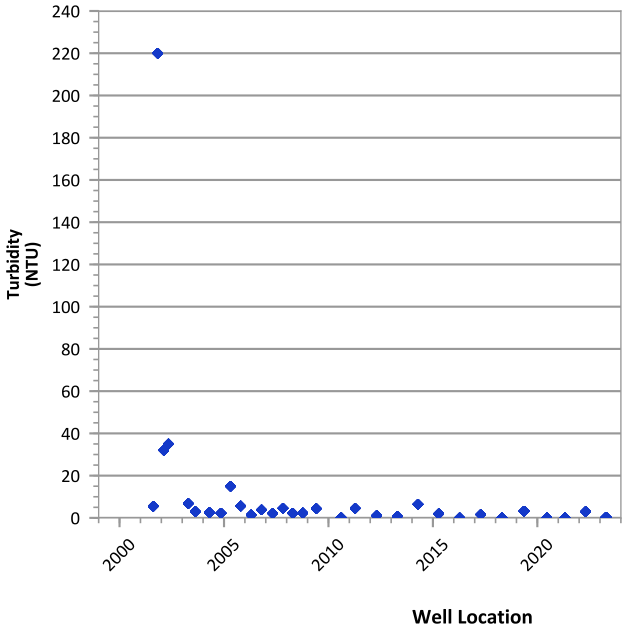


PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

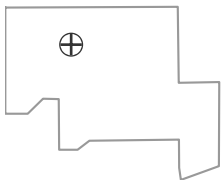






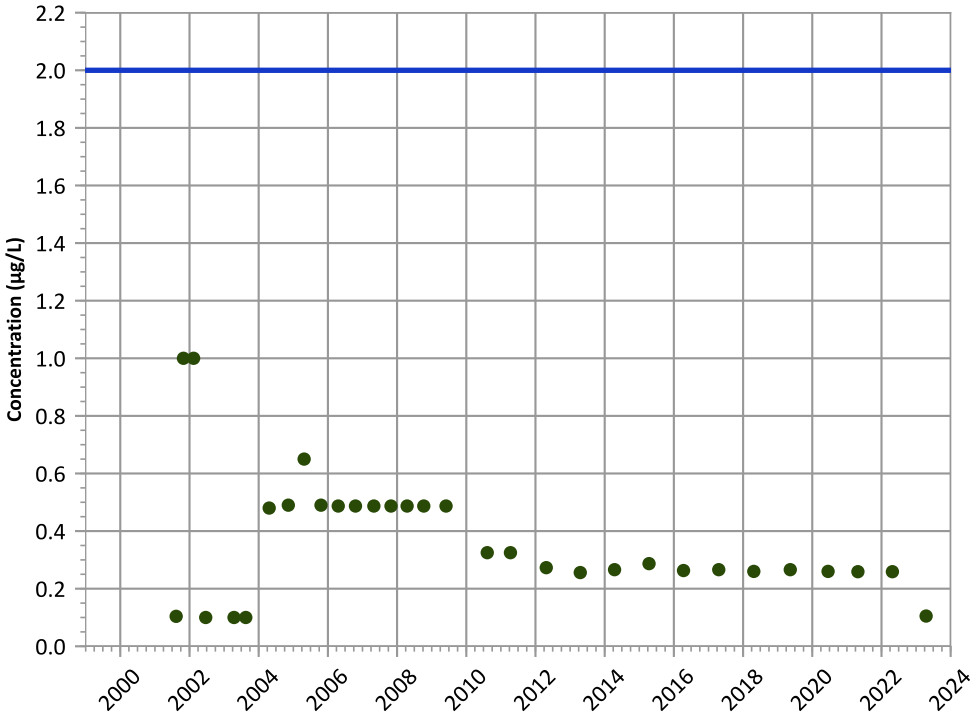


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2024
Analysis Date: 03/29/2024



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

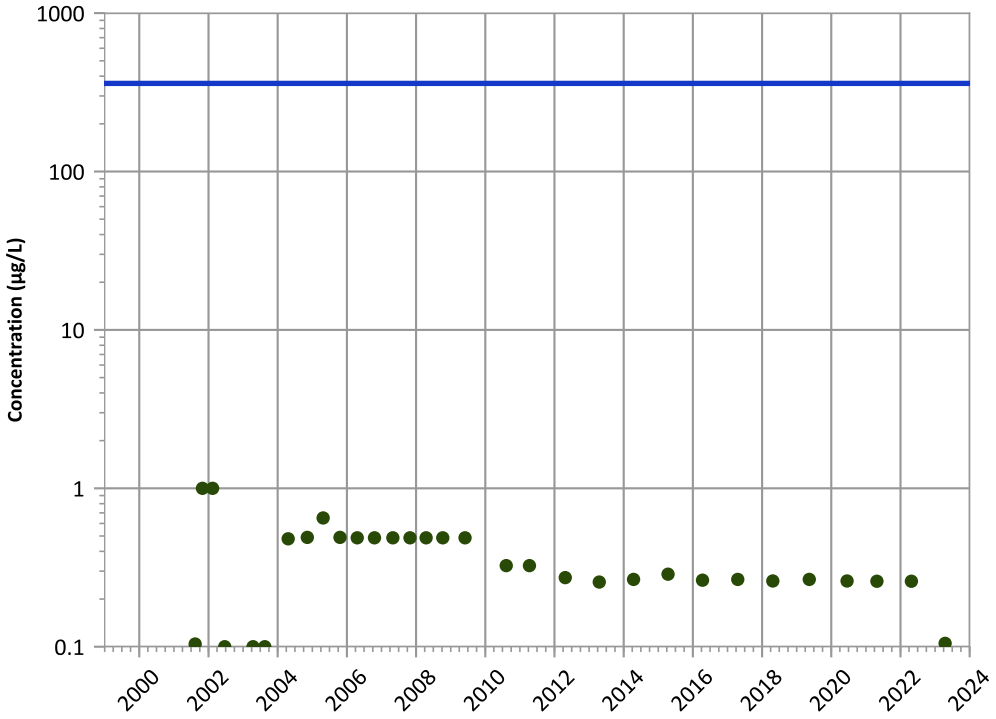


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

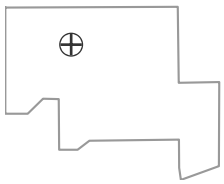
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

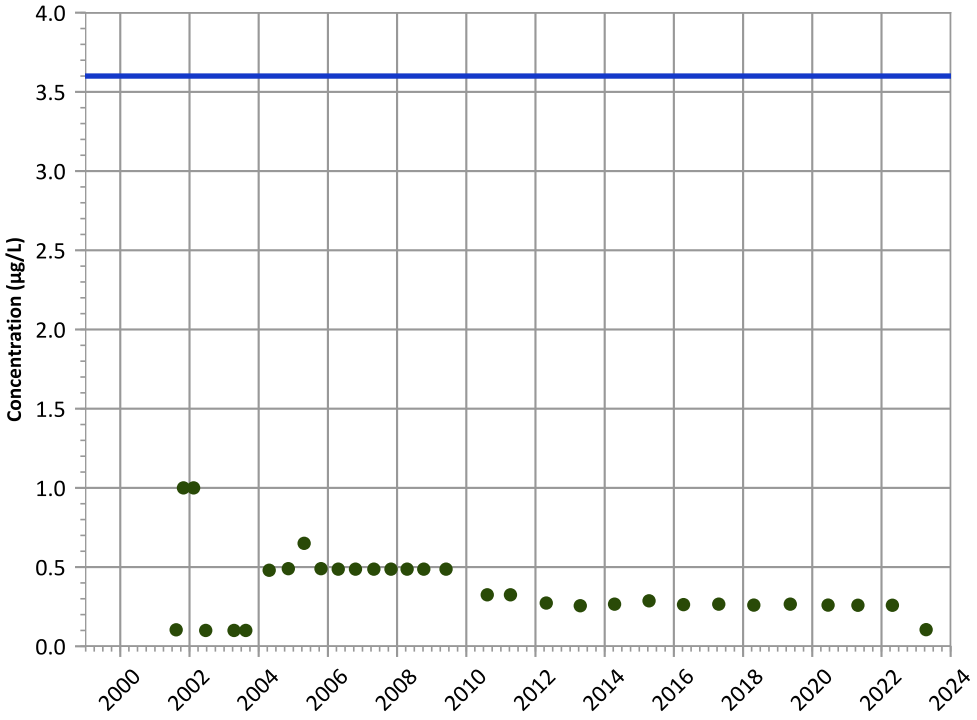
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

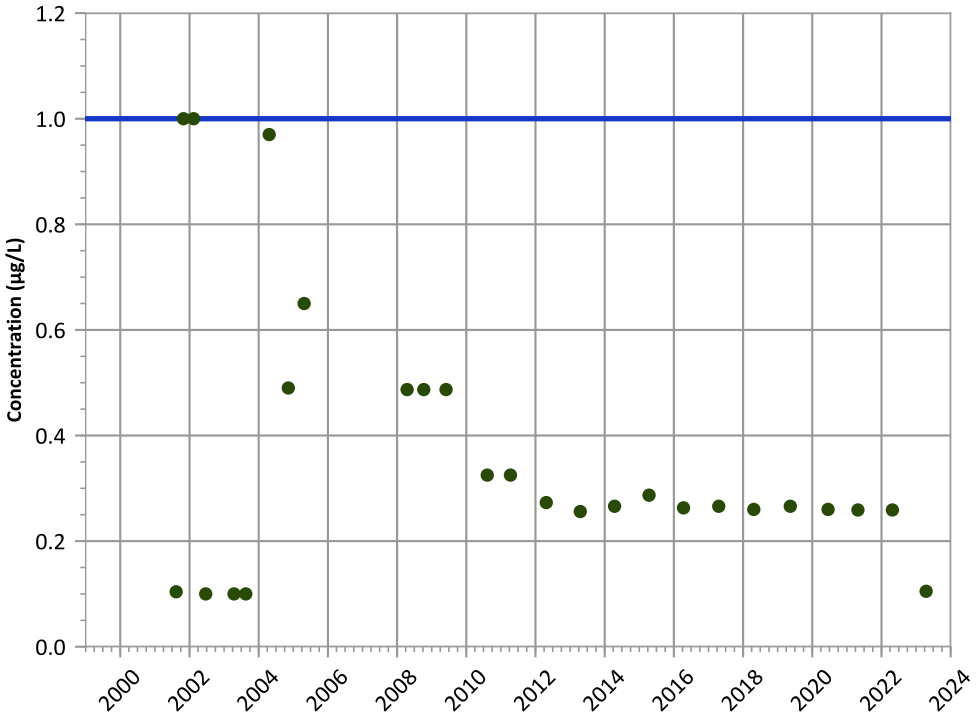
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

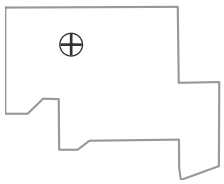
2,4-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

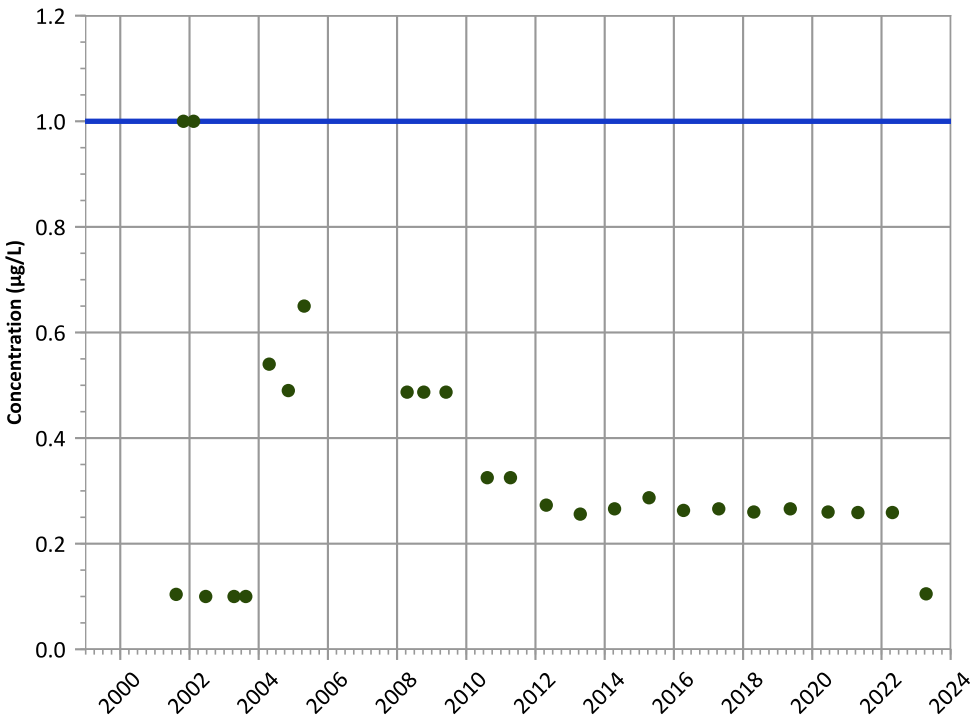


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

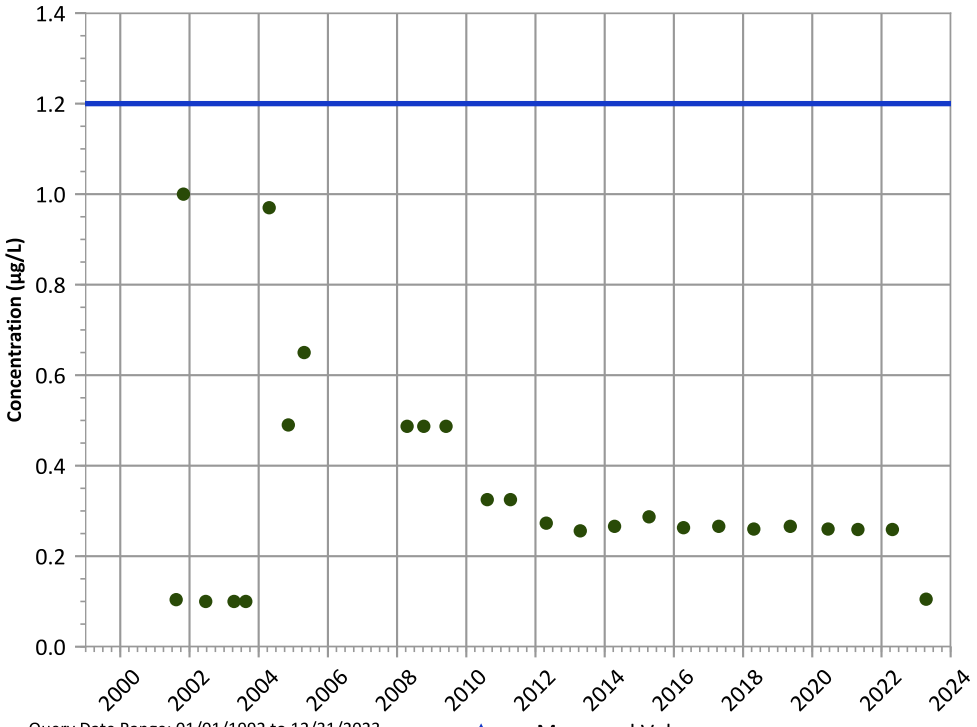
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



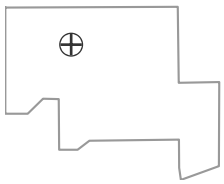
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

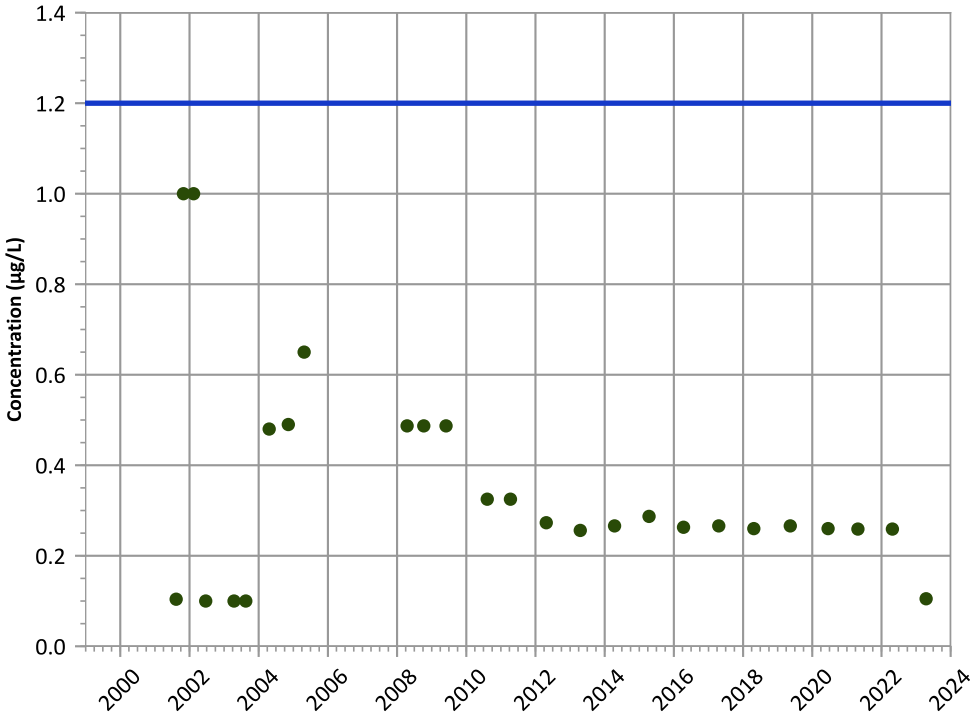
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

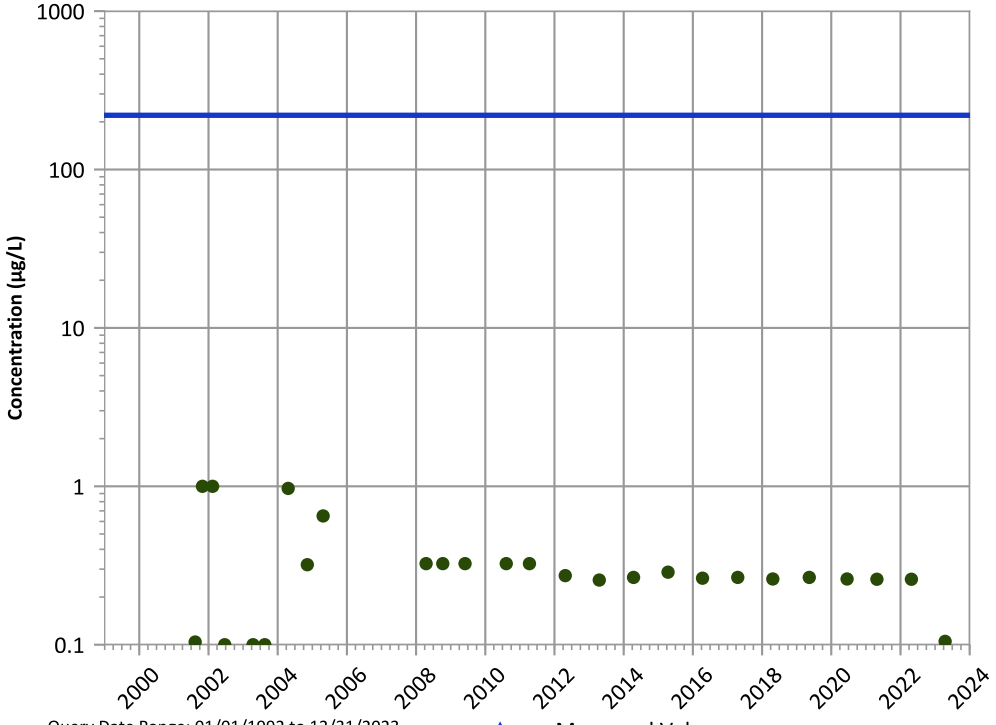


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

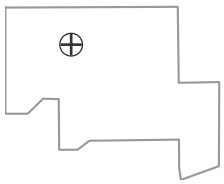
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

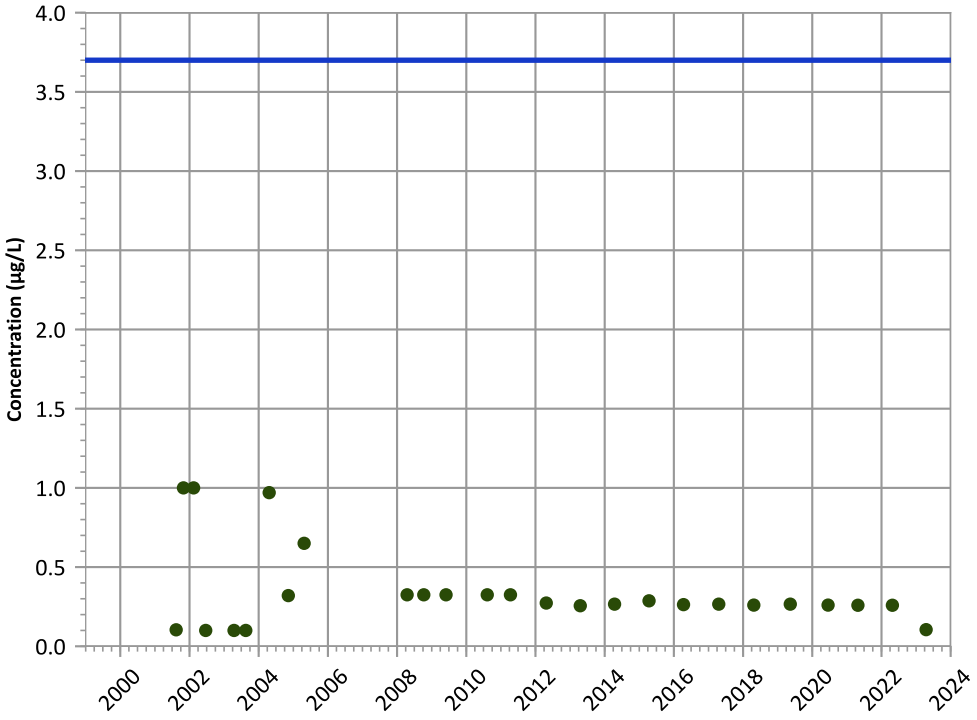
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

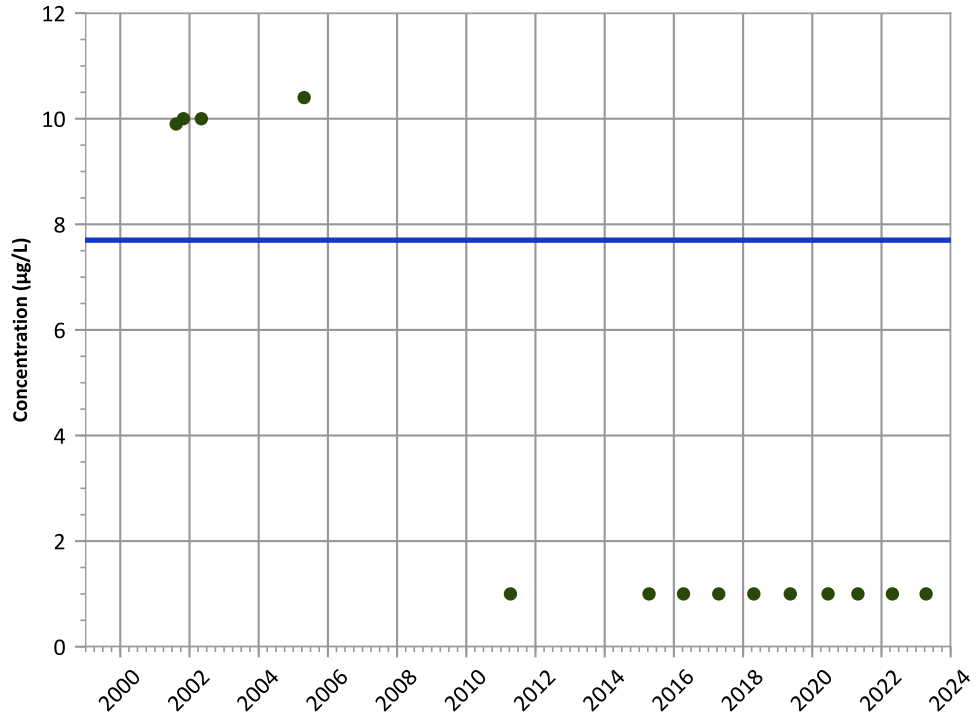


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

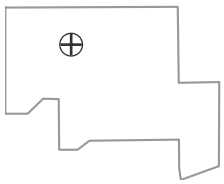


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

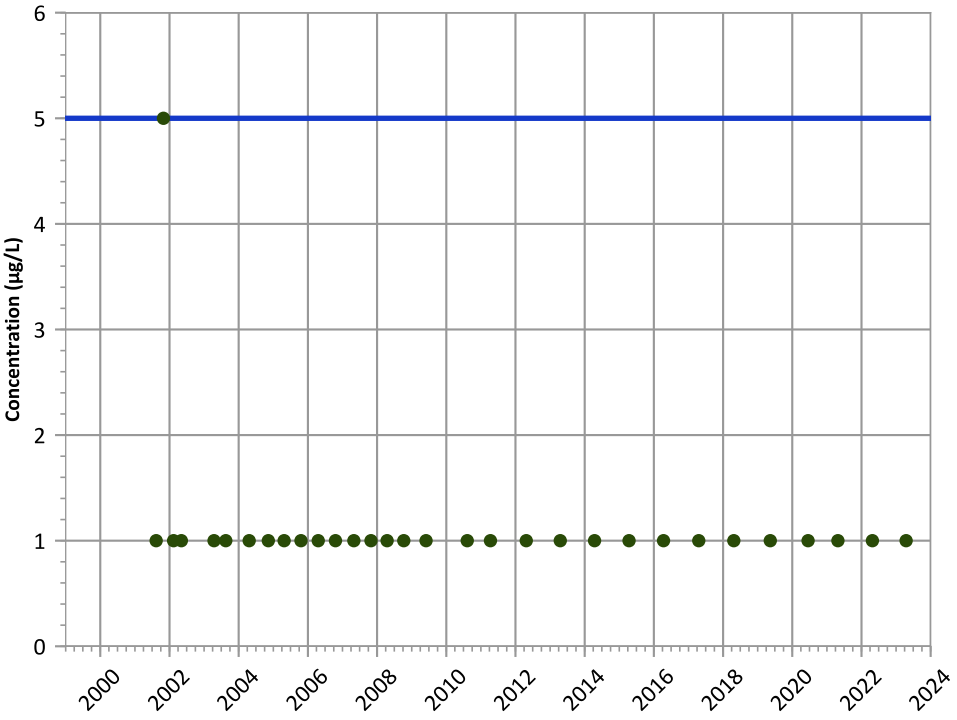


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

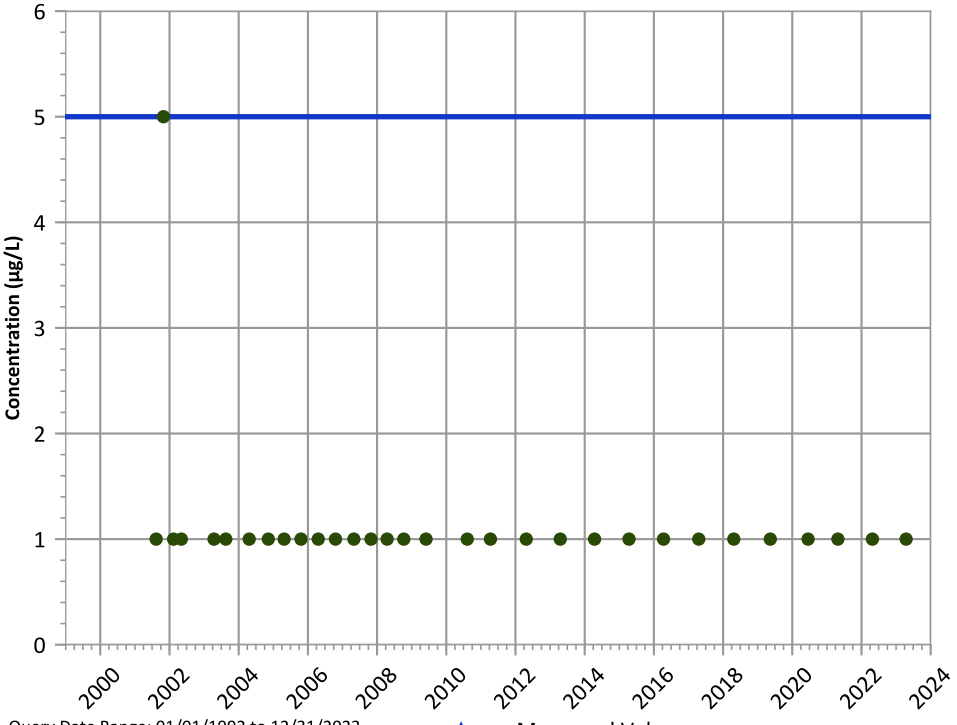


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend

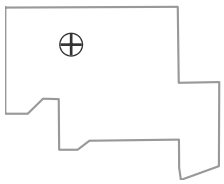


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

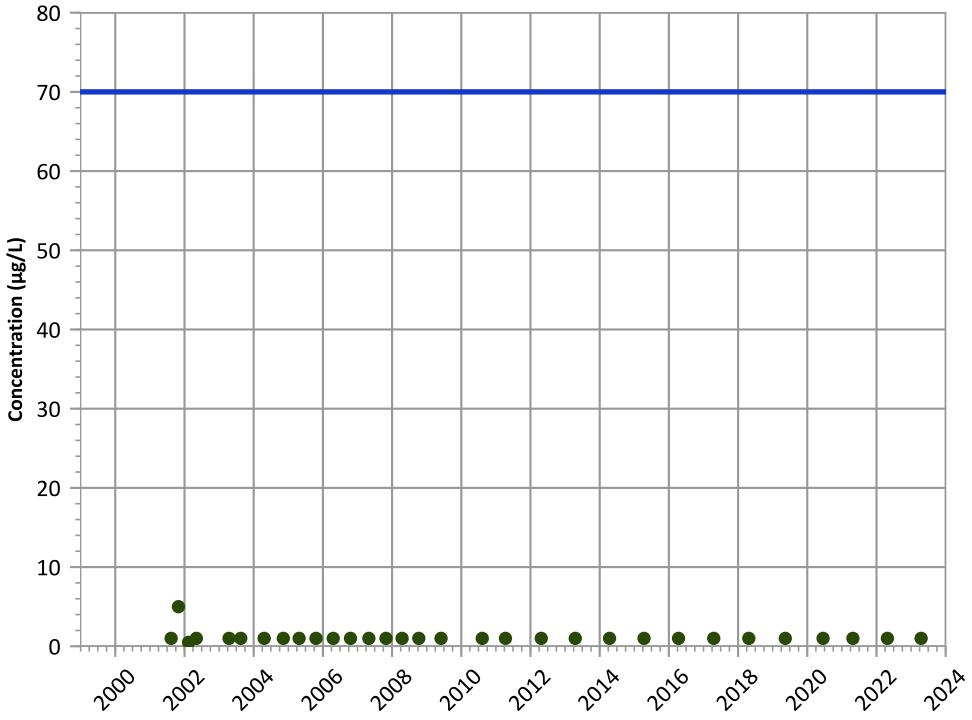


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

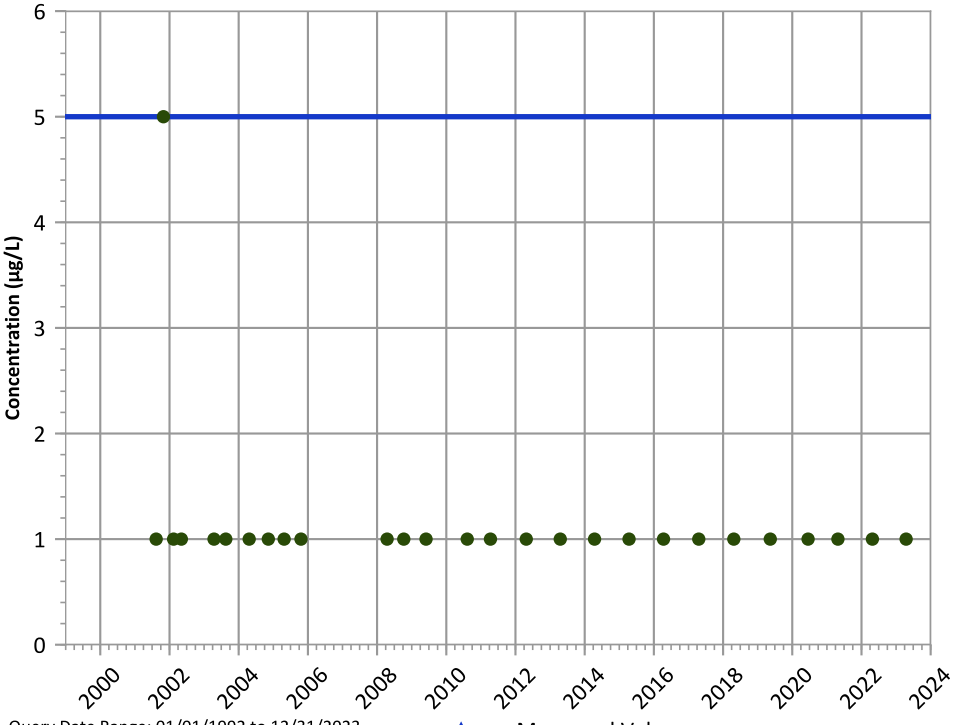


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

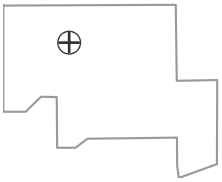


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

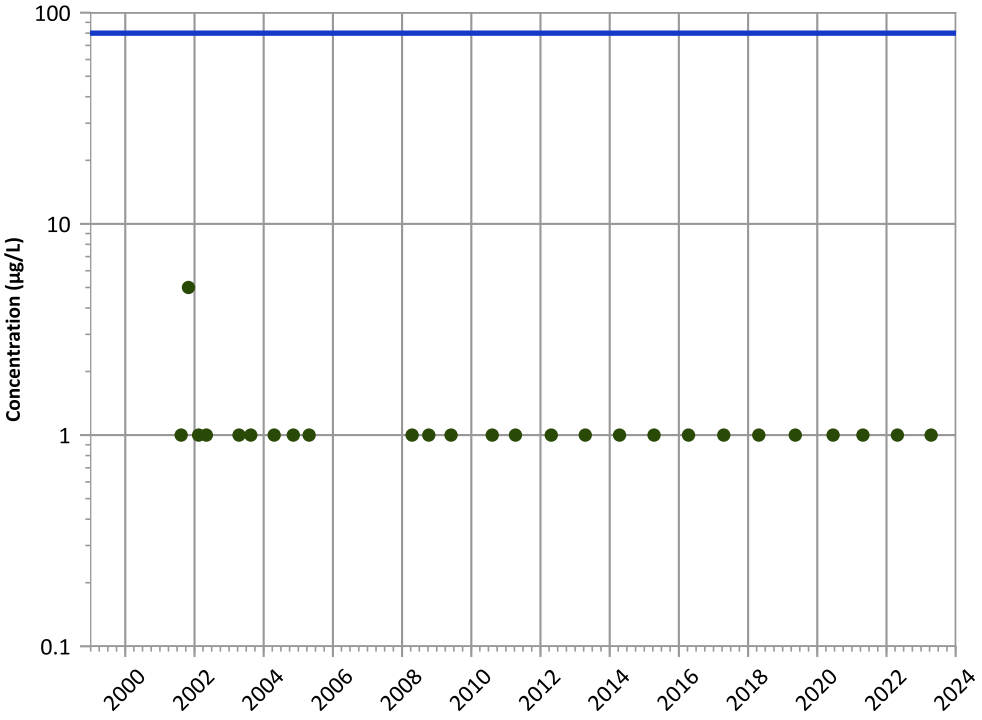


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

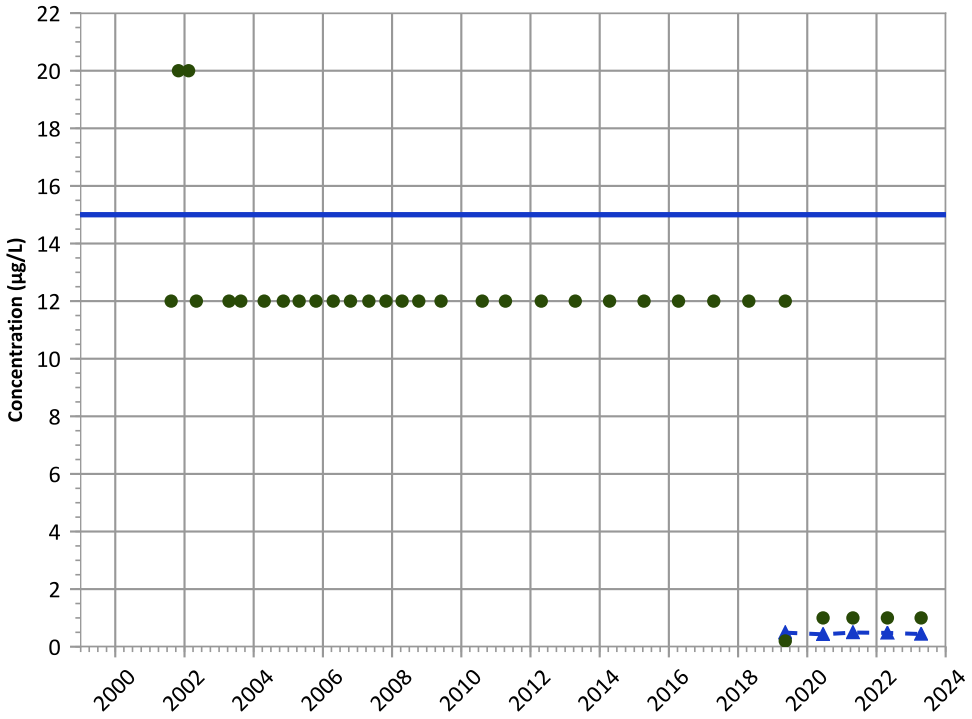


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

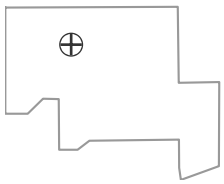
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

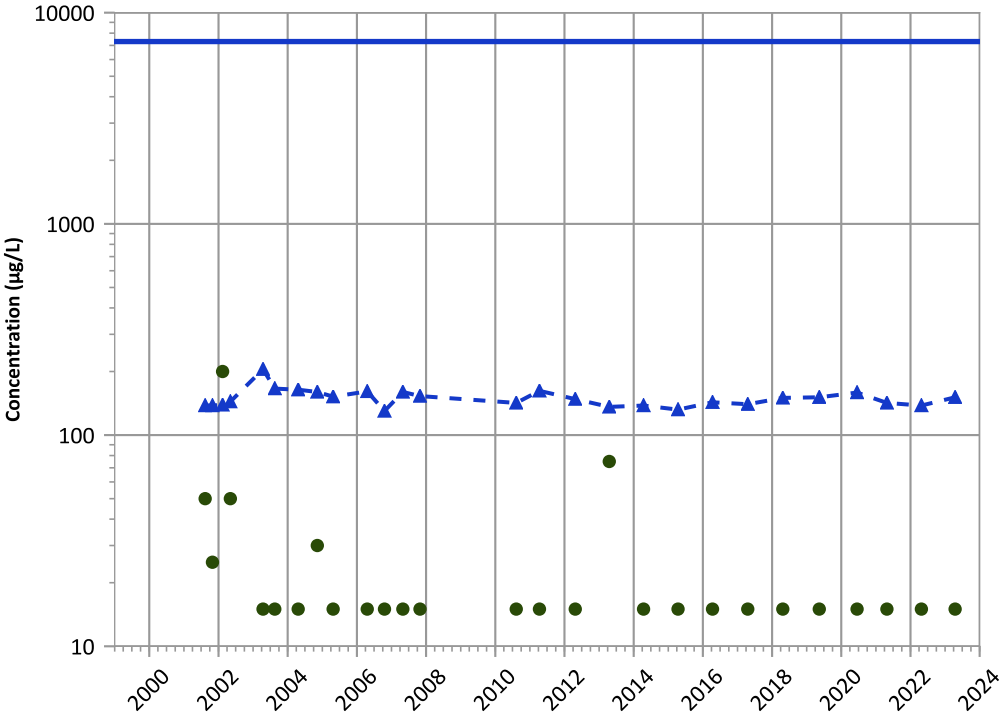
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

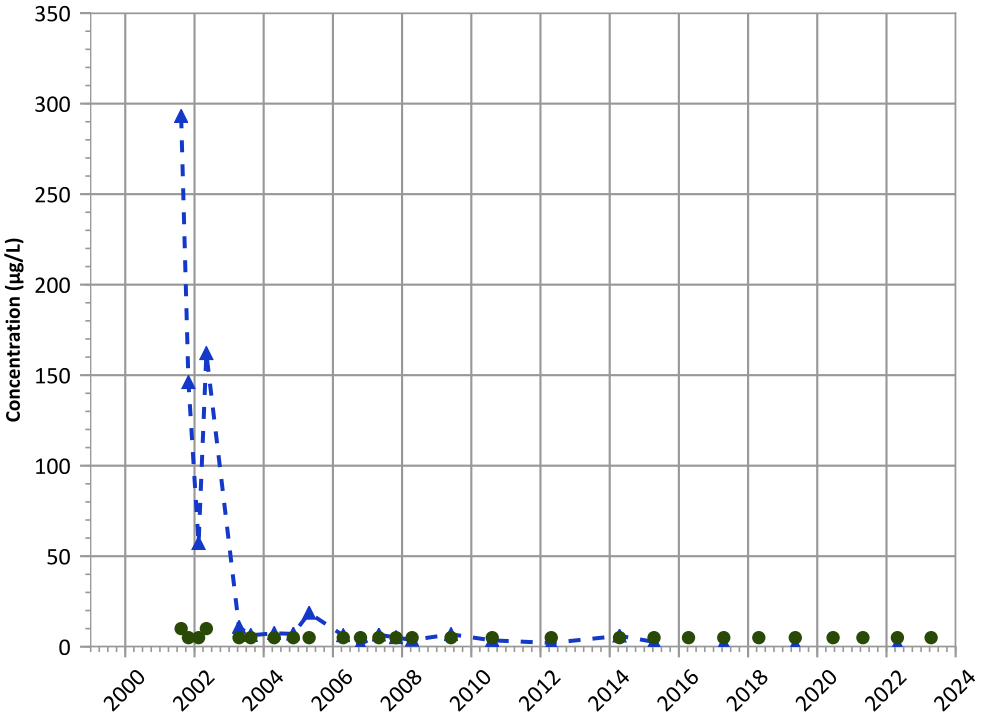


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Manganese Trend



Concentration Trend

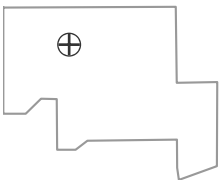
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

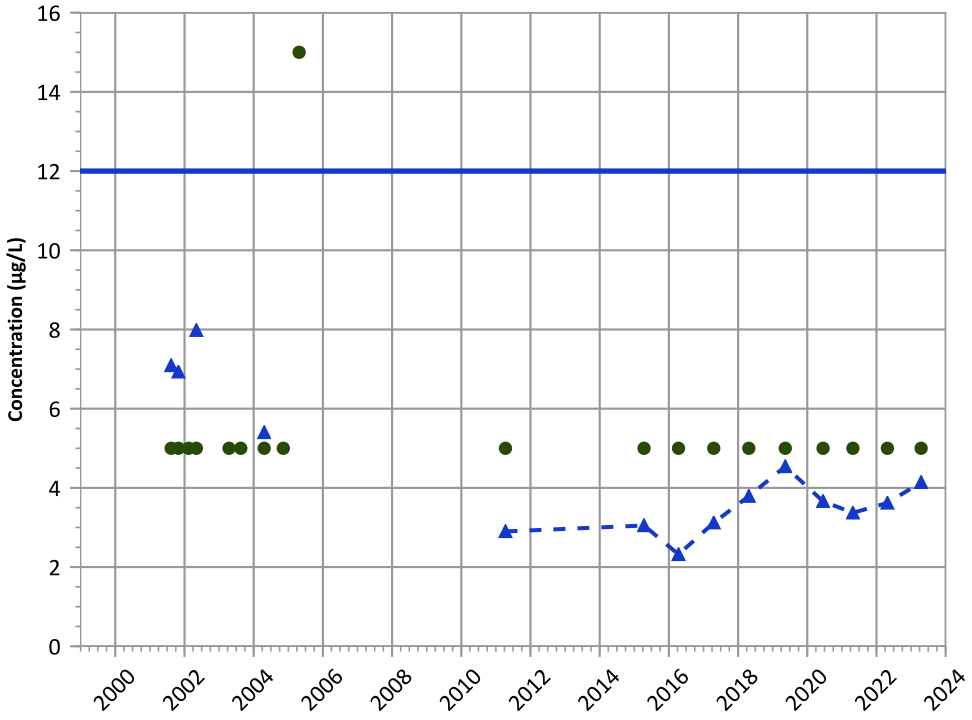
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

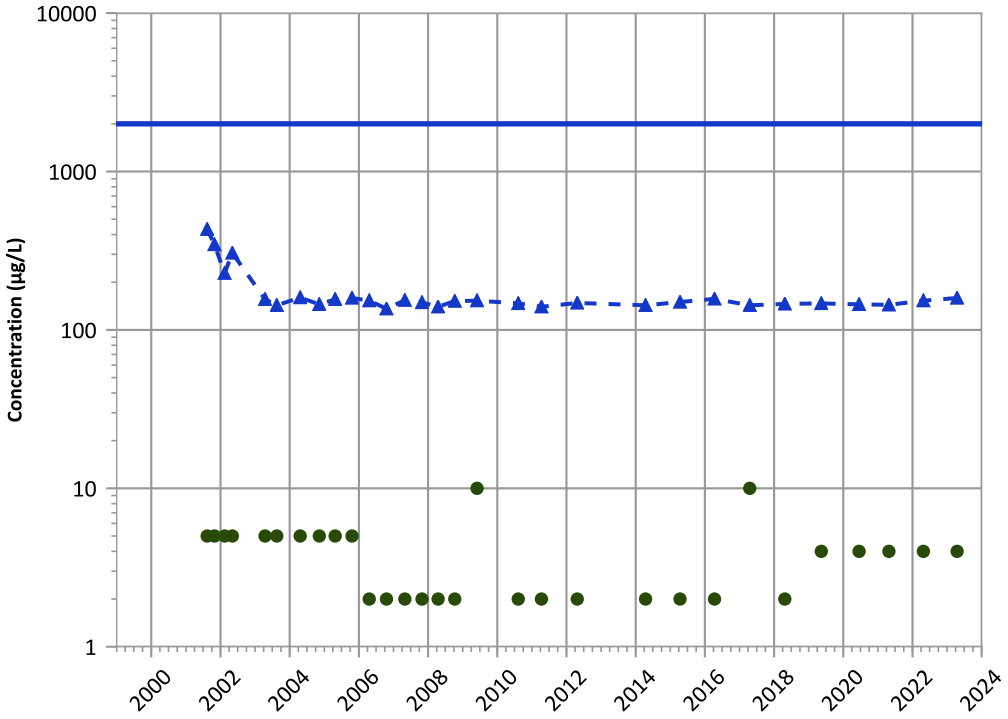


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Increasing

Barium Trend



Concentration Trend

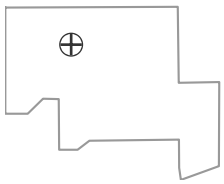
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Probably Increasing

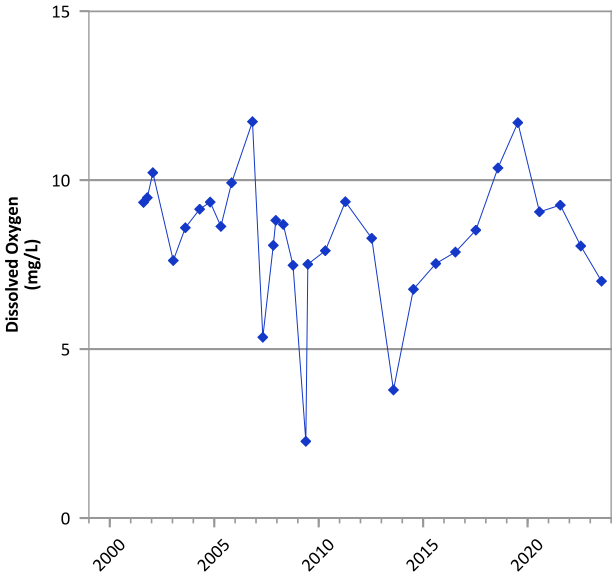
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/13/2001 to 04/17/2023
Analysis Date: 03/29/2024

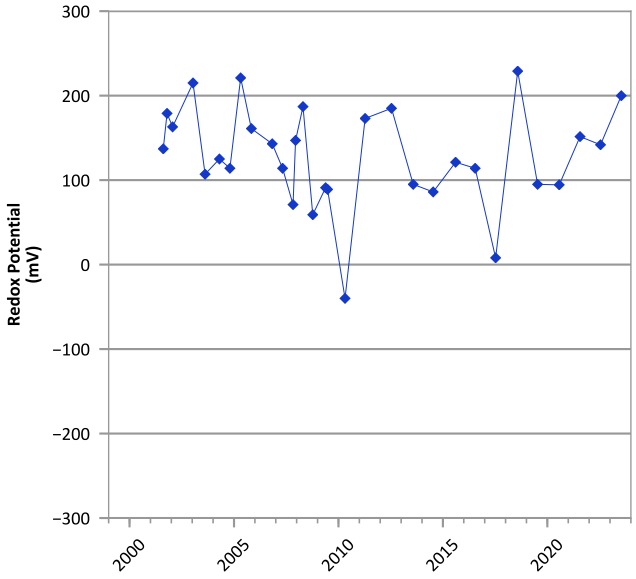
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

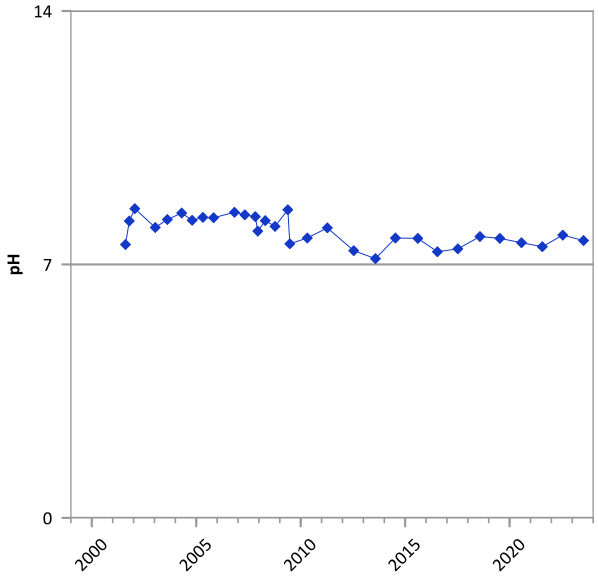
Well Location

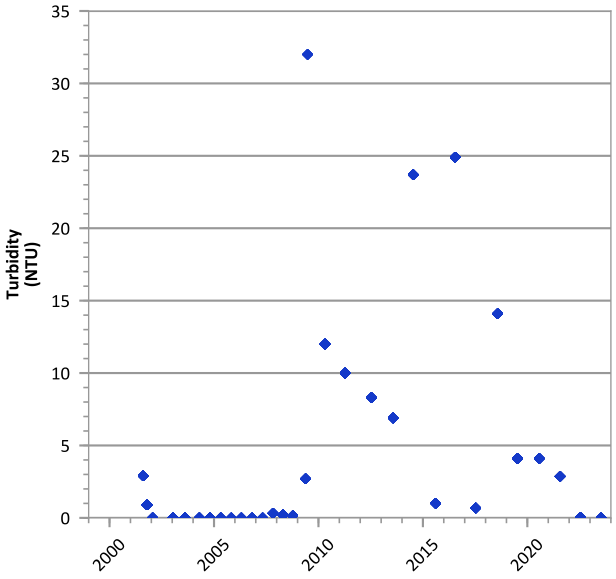


PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

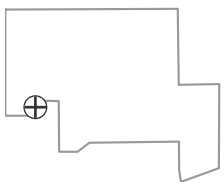






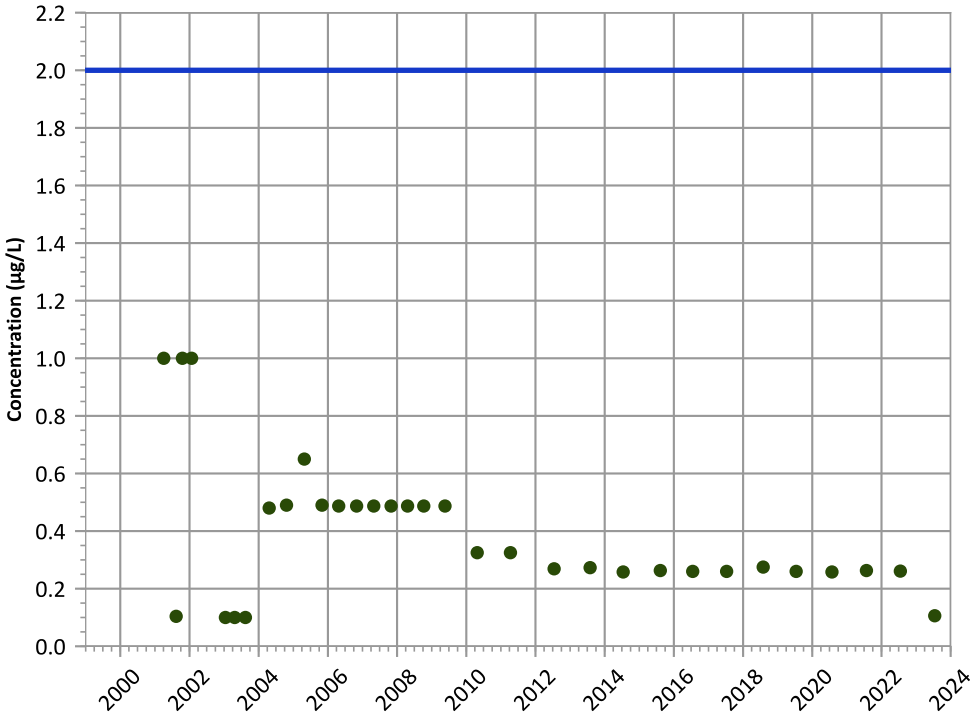


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

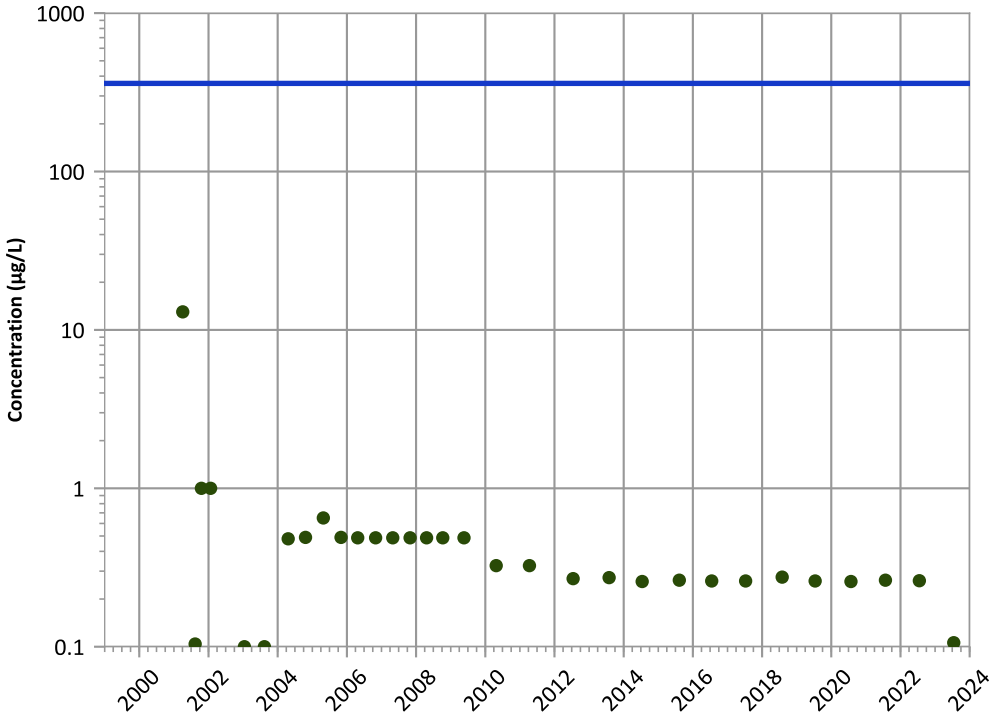


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

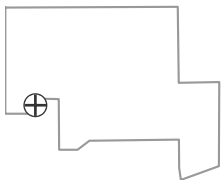
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

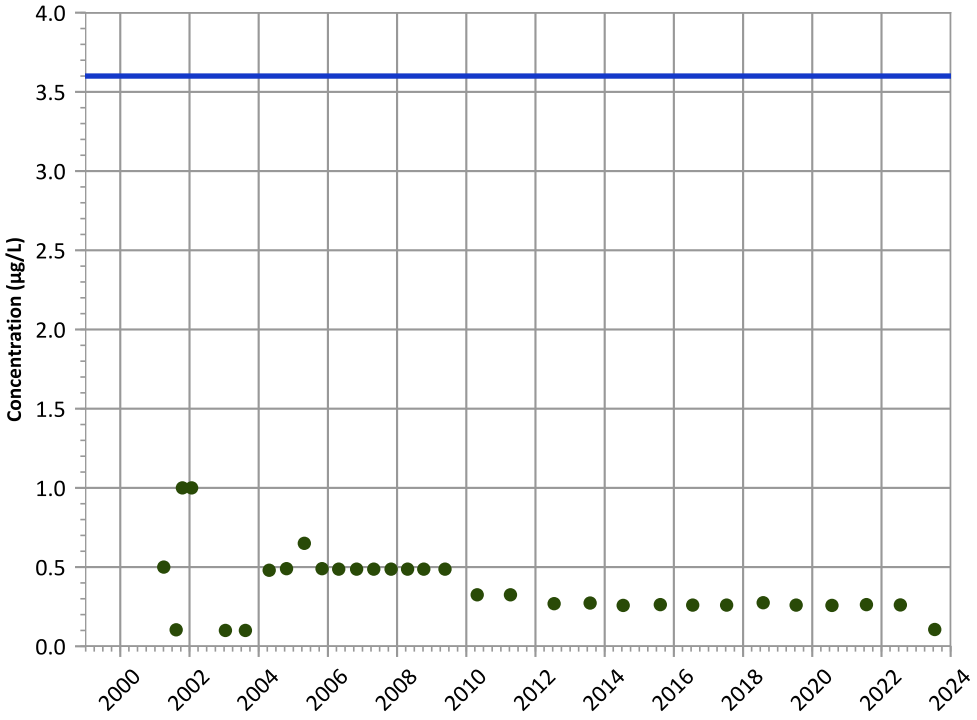
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

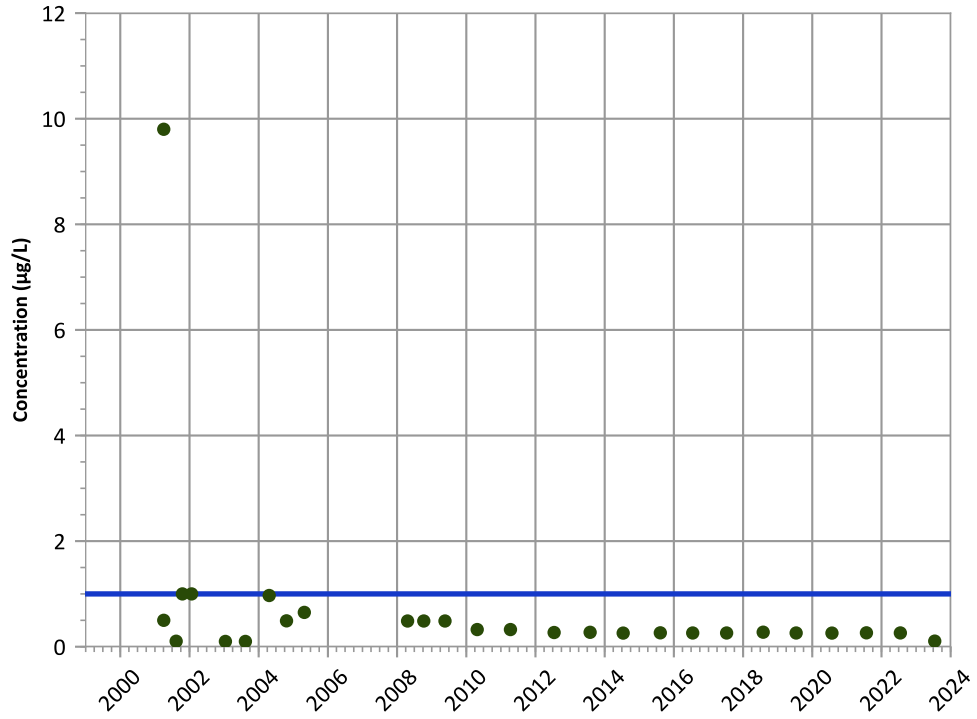


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

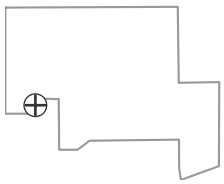
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

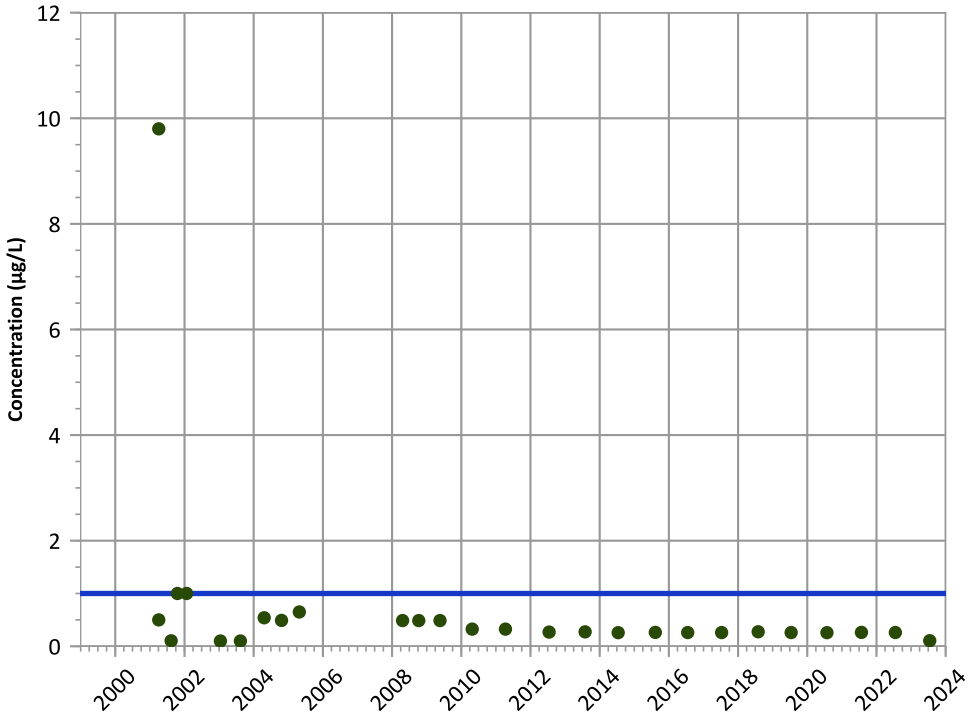
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

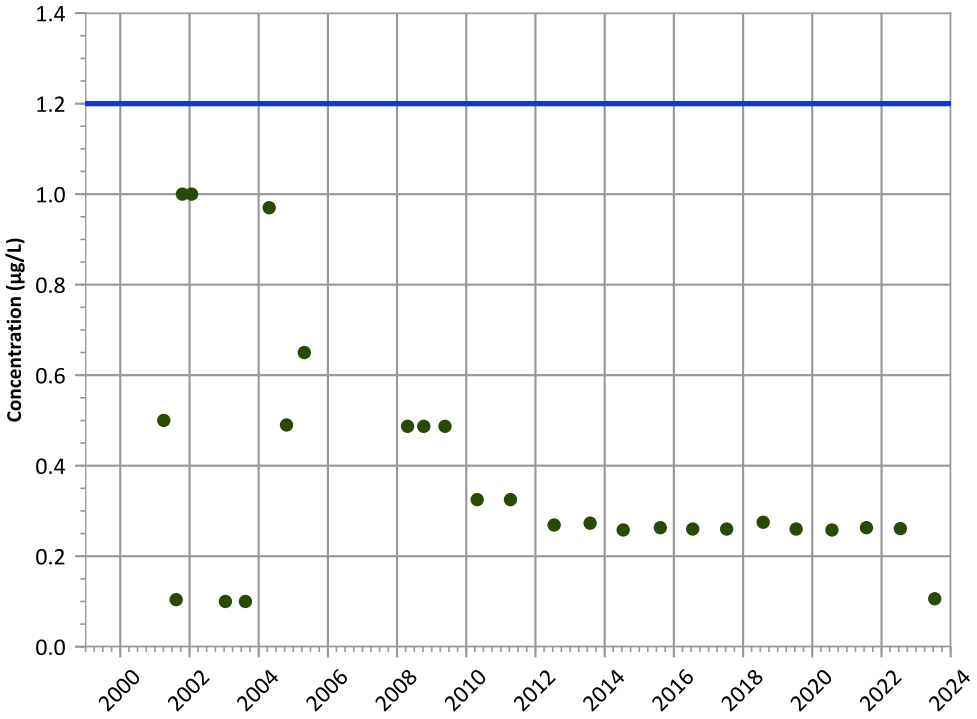
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



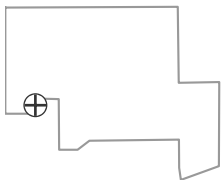
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

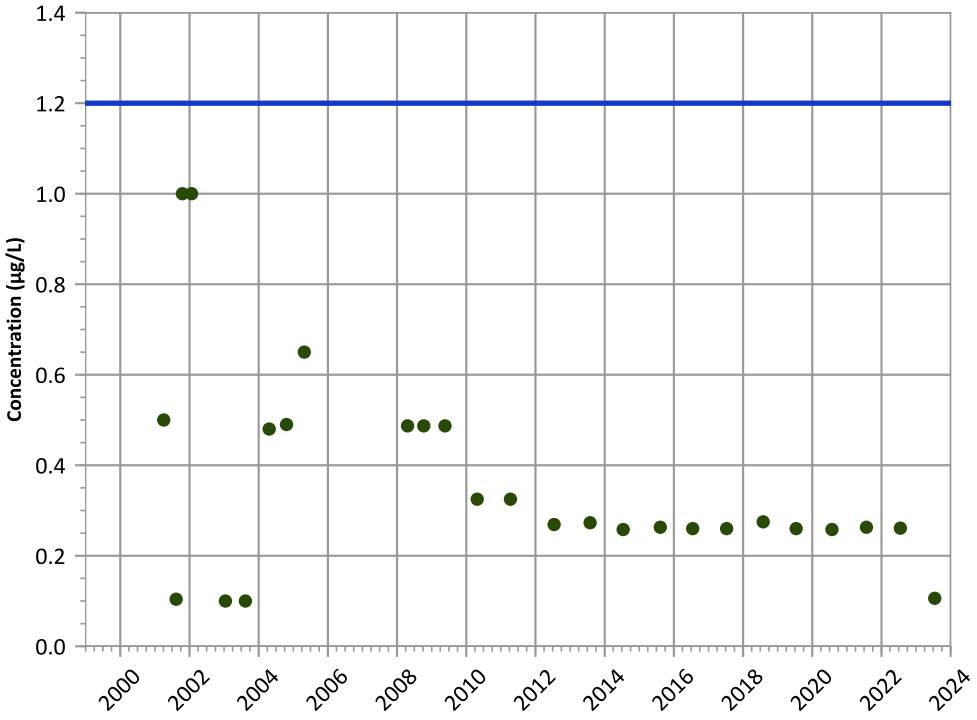
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

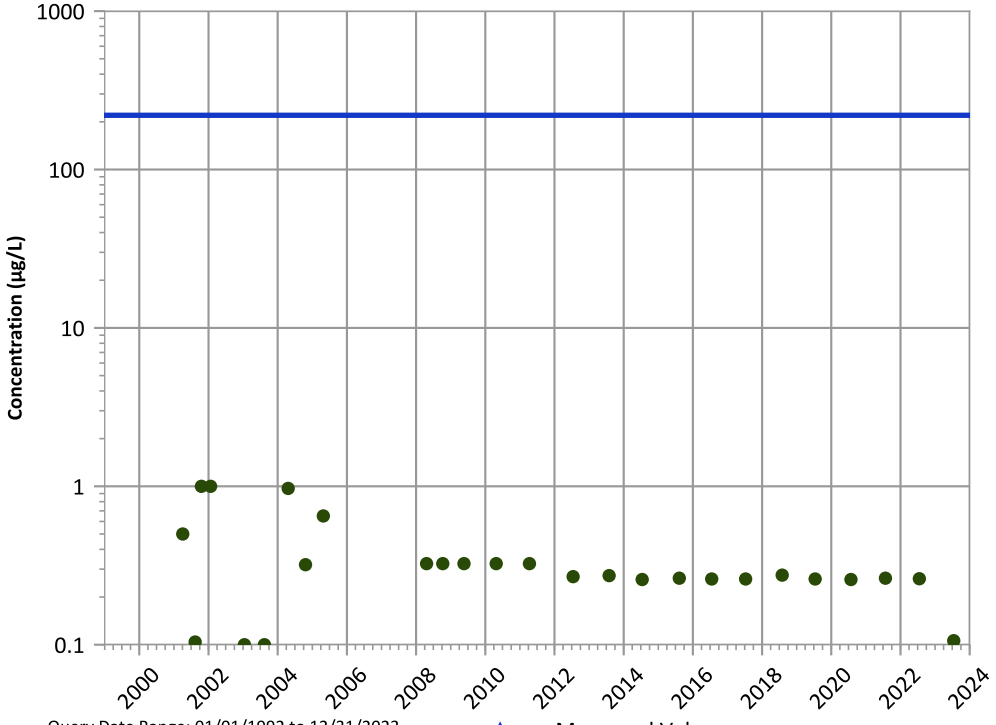


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

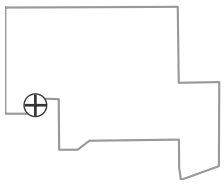
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

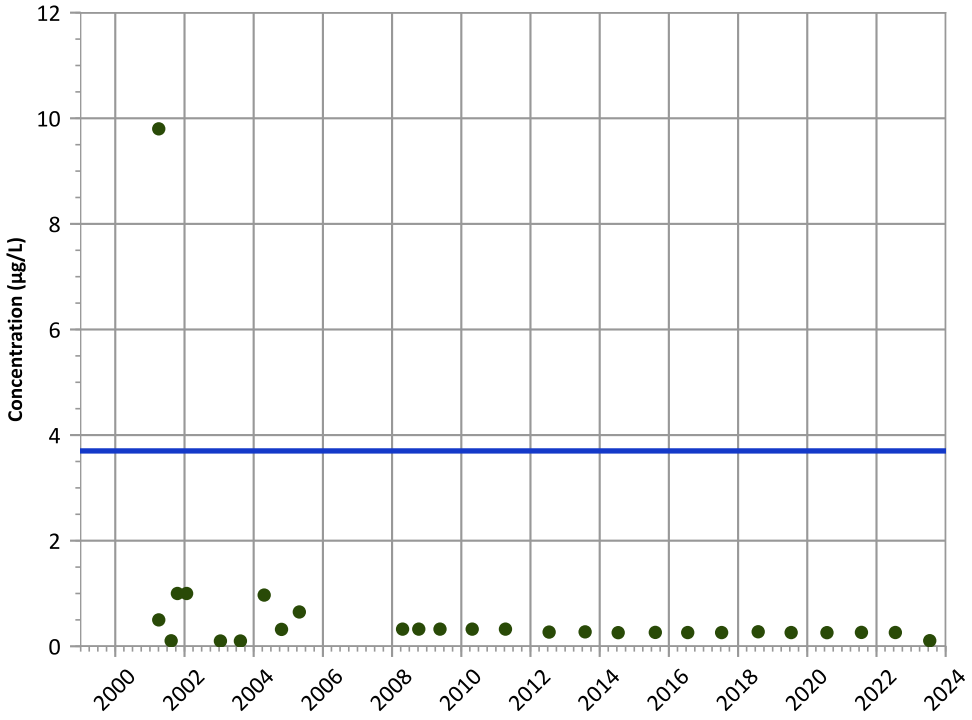
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

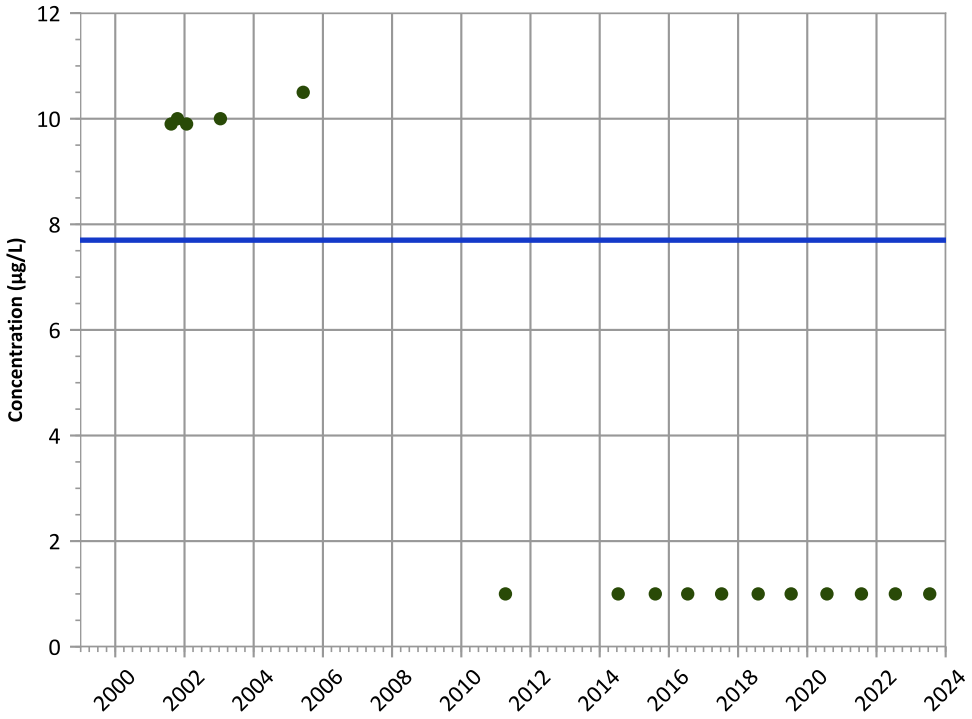
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

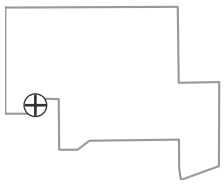
1,4-Dioxane (p-Dioxane) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

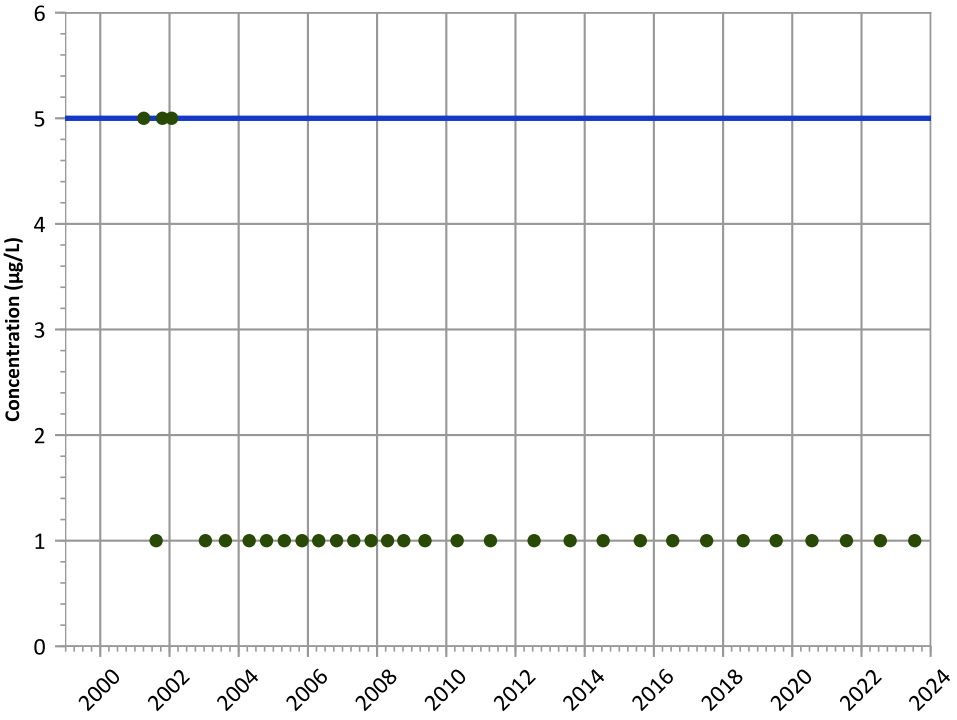


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

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

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

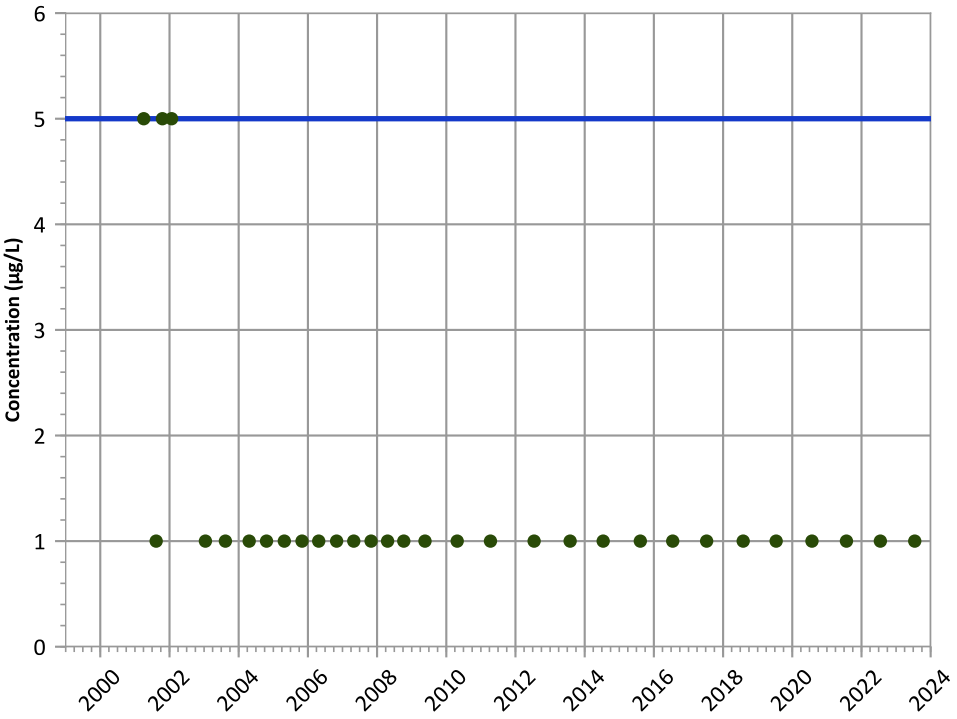


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend

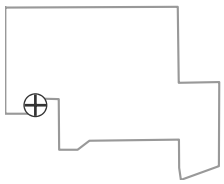


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

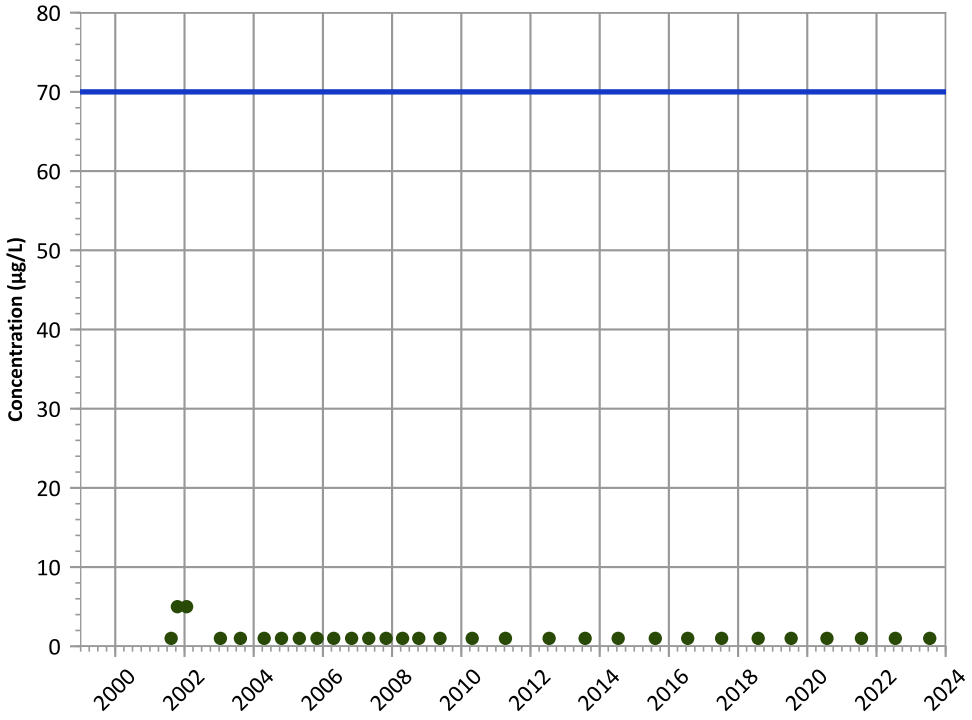


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

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

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

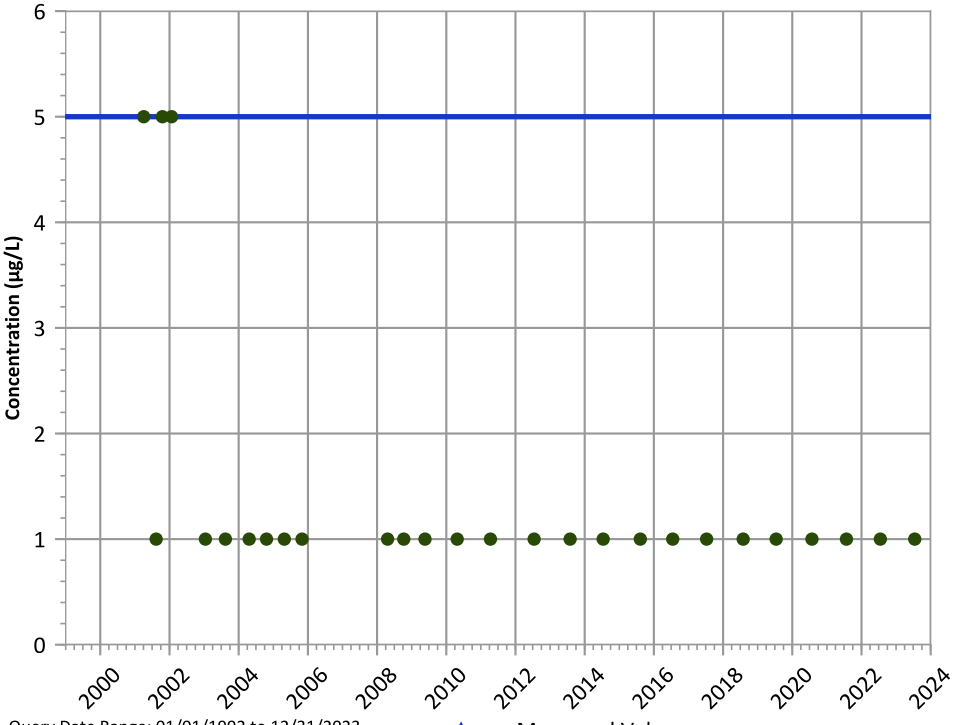


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

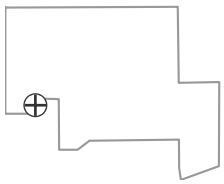


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

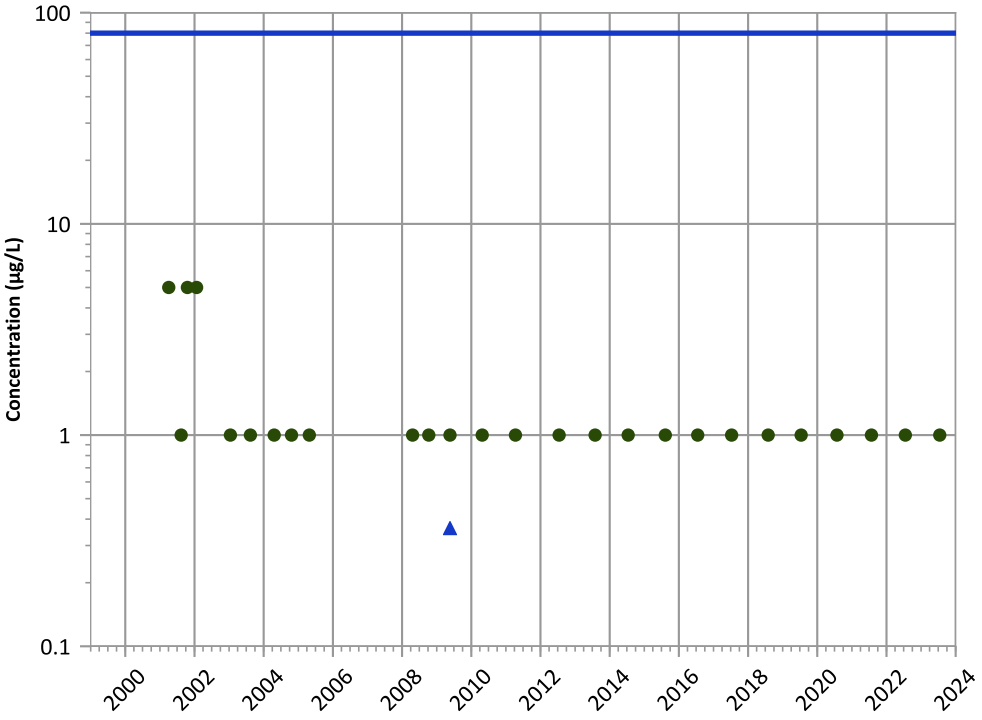


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

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

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

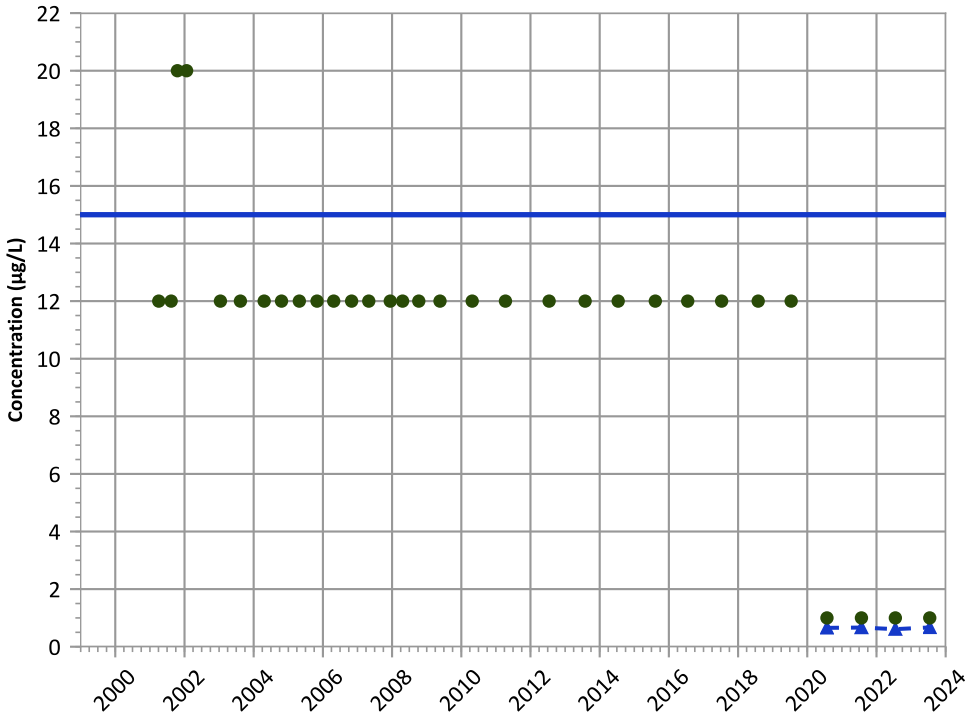


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

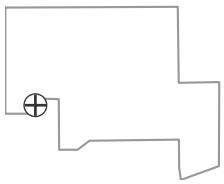
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

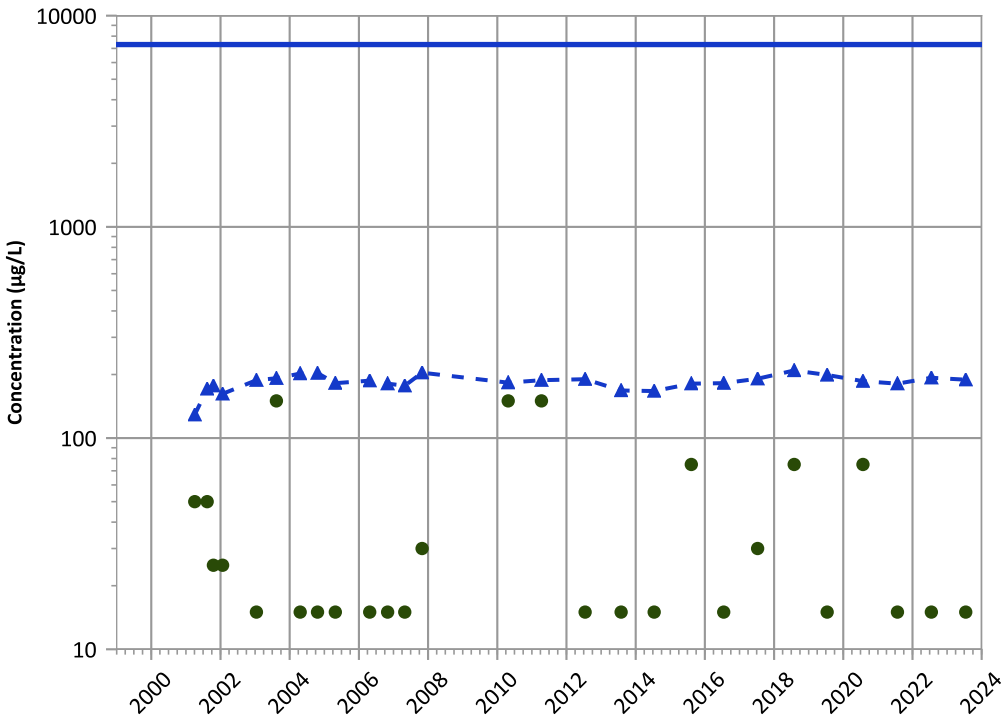
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

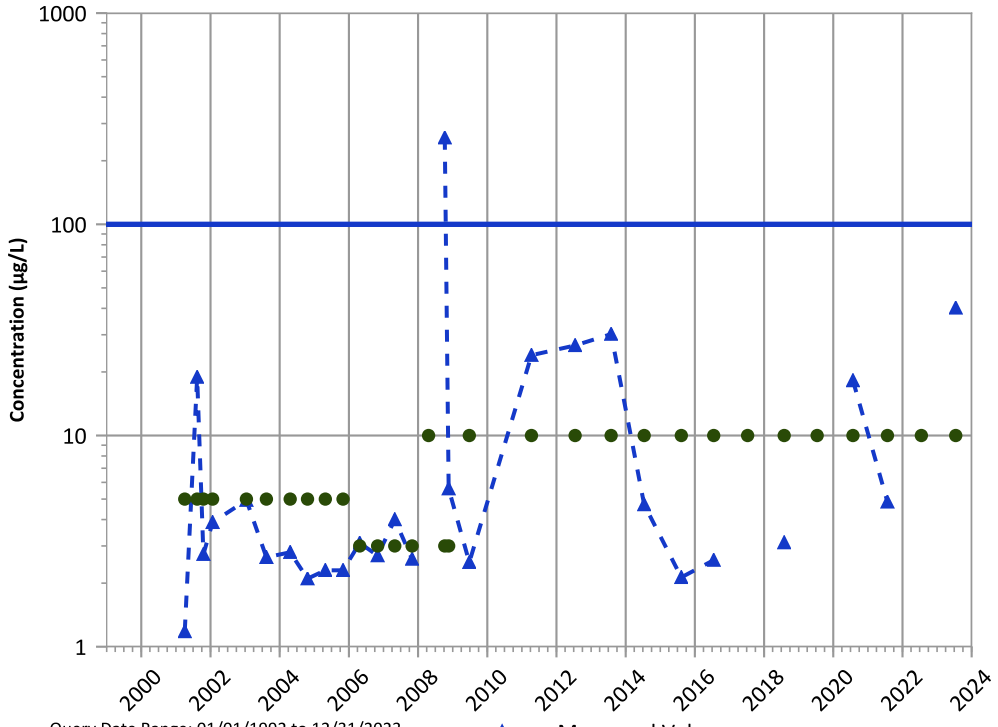


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Chromium, Total Trend



Concentration Trend

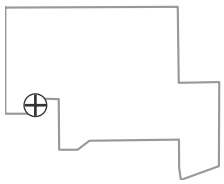
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

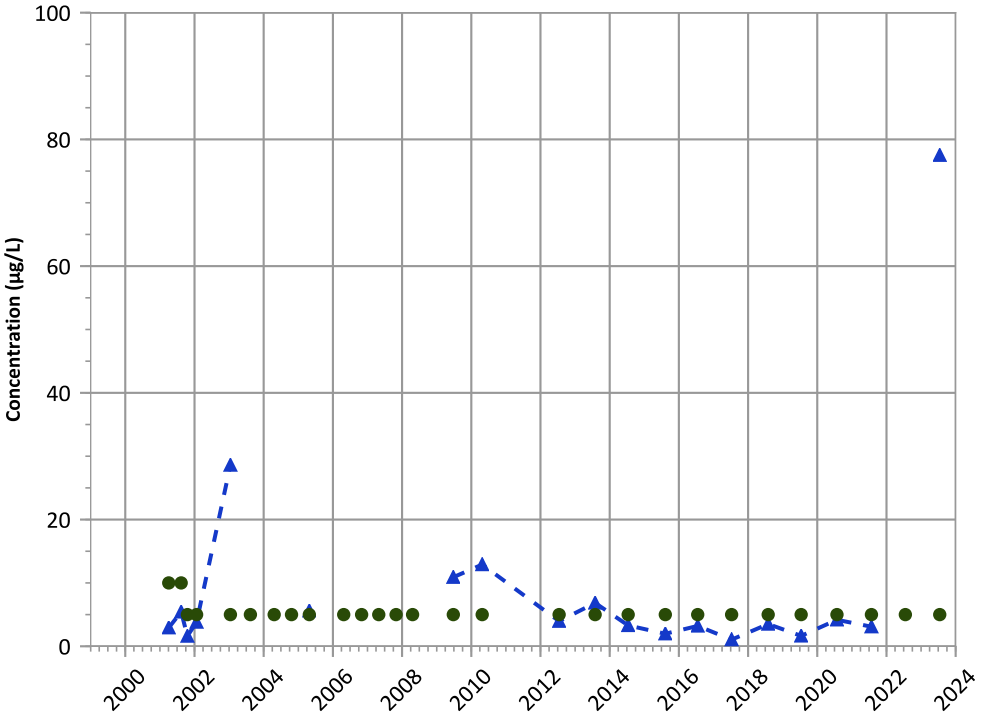
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

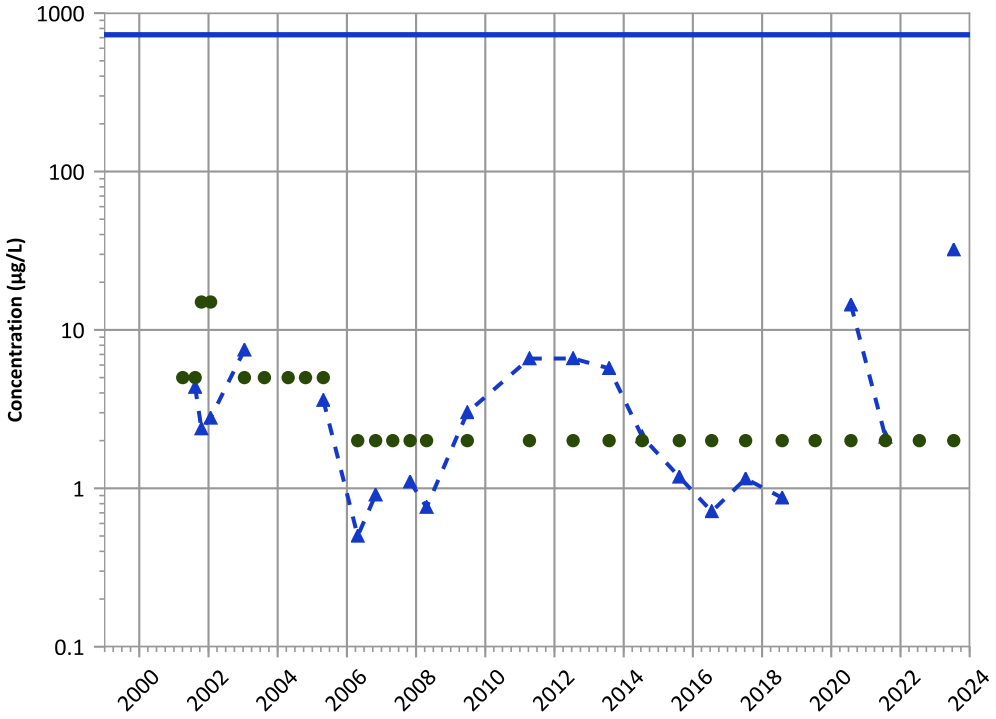


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
No Trend

Nickel Trend



Concentration Trend

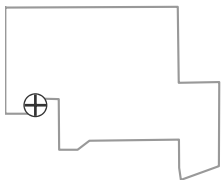
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

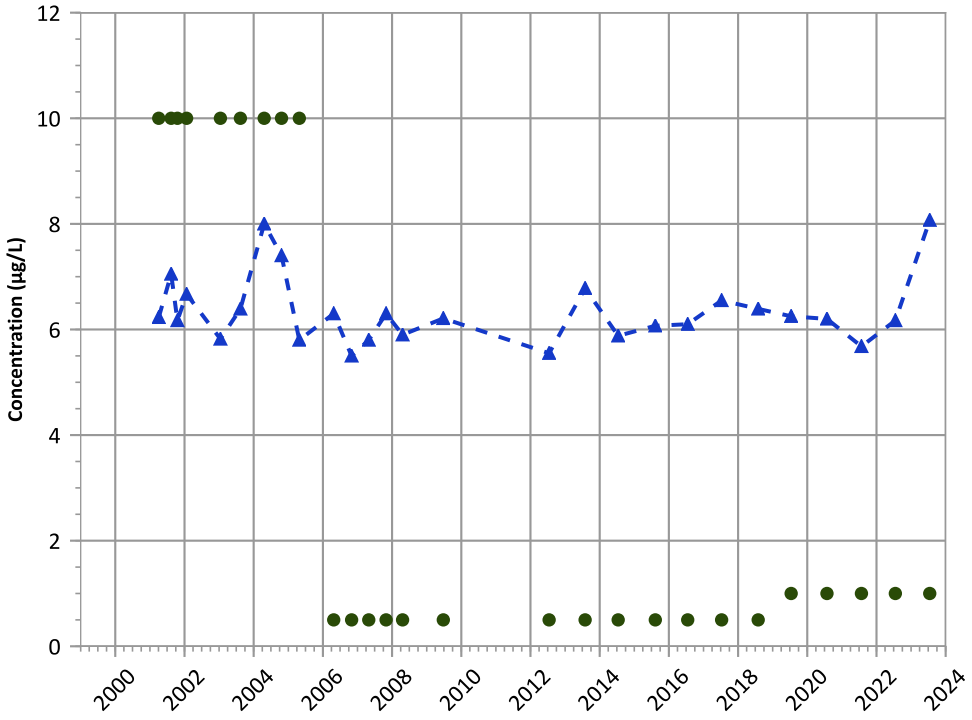
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

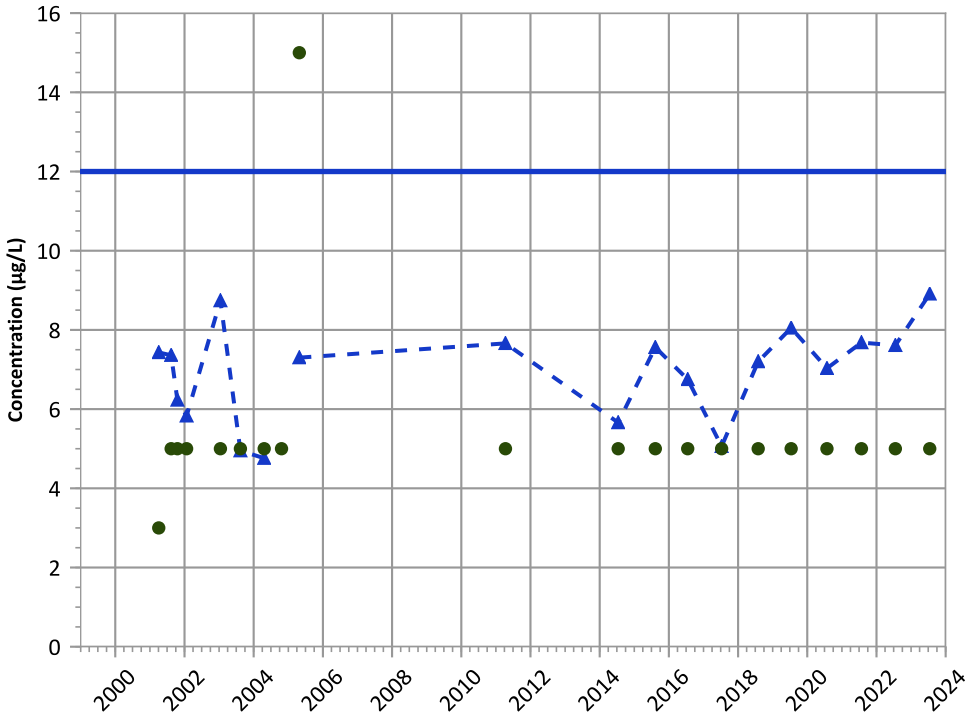


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Arsenic Trend



Concentration Trend

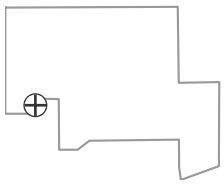
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

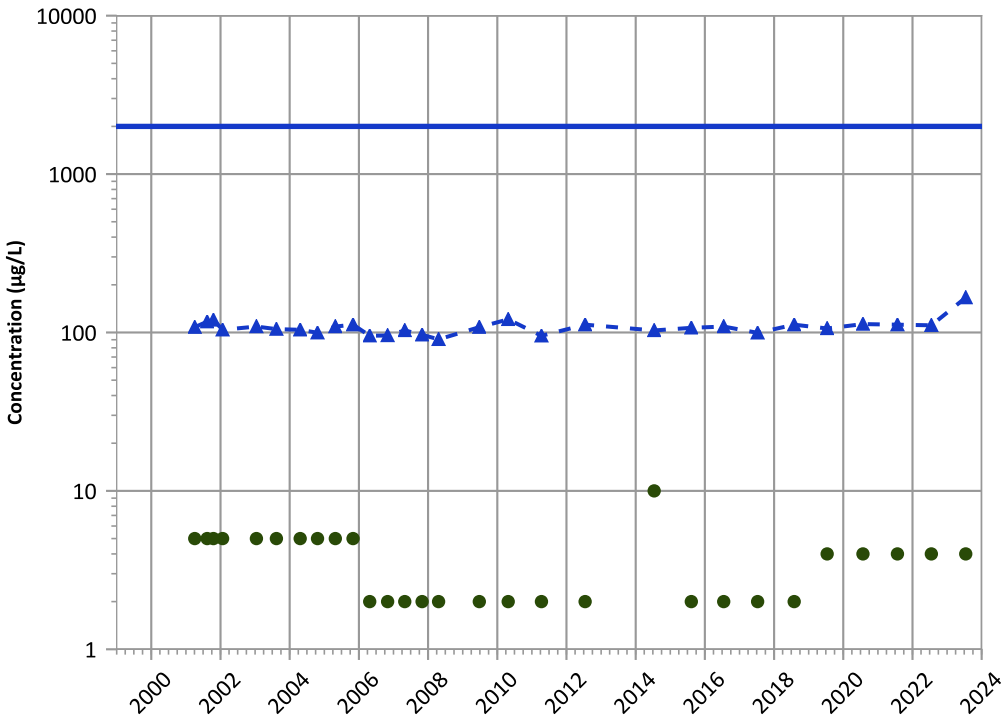
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

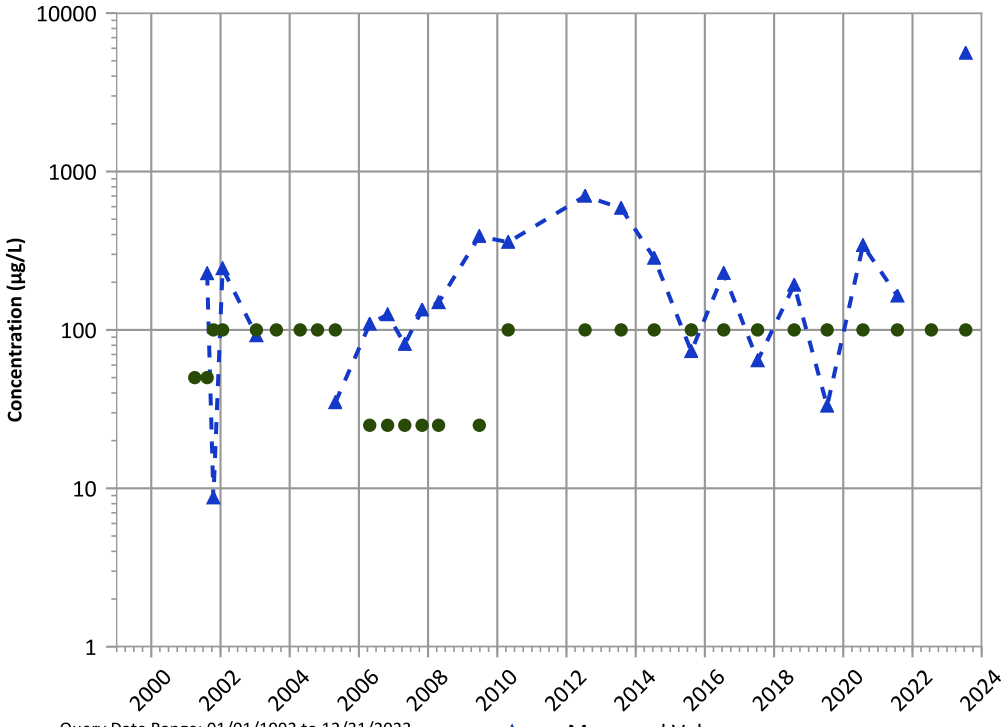


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Iron Trend



Concentration Trend

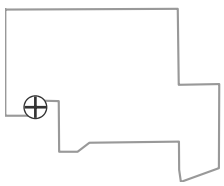
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

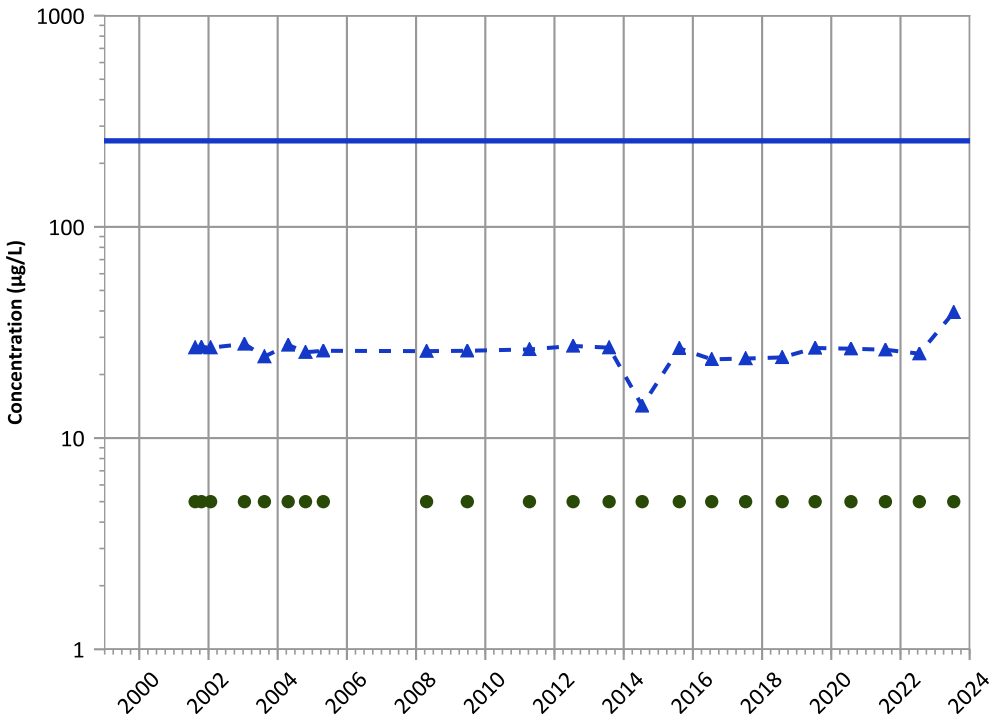
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

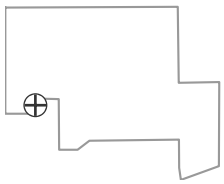
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

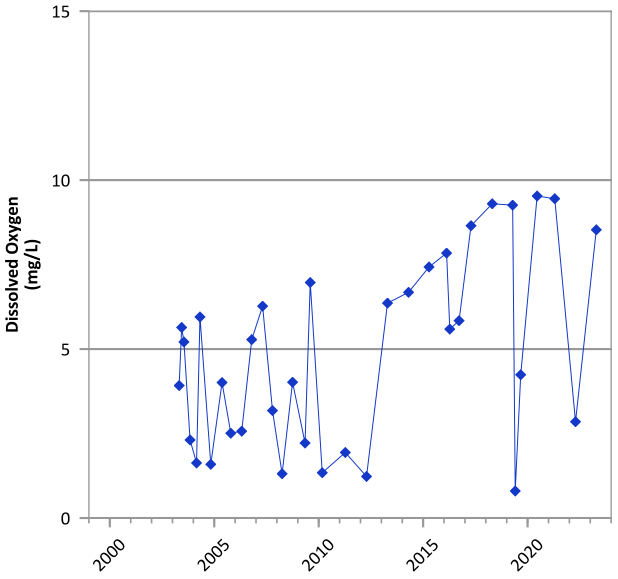
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/04/2001 to 07/17/2023
Analysis Date: 03/29/2024

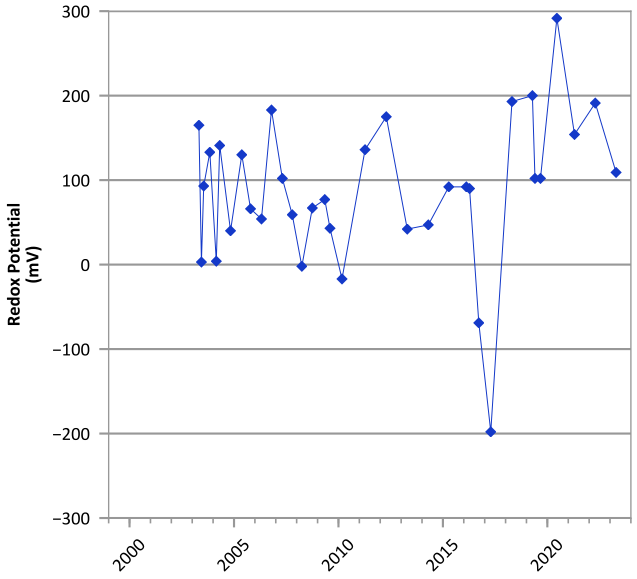
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

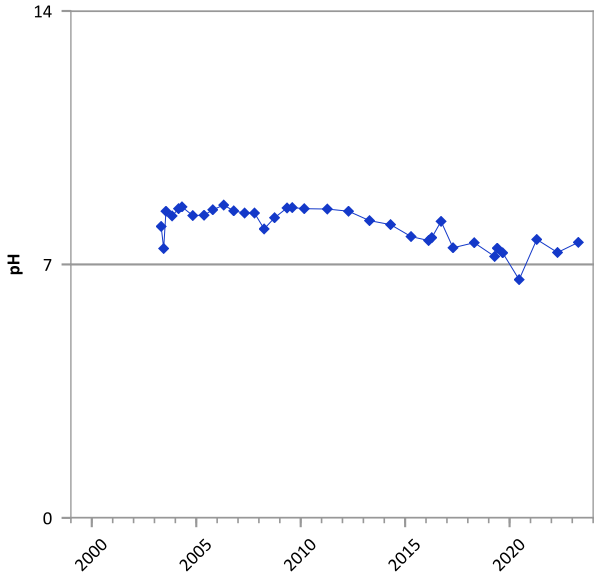
Well Location

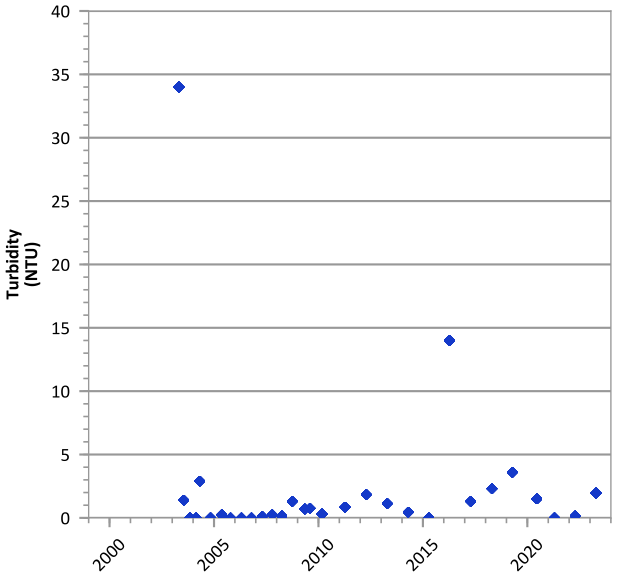


PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

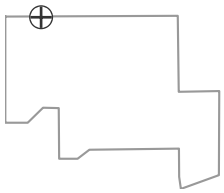






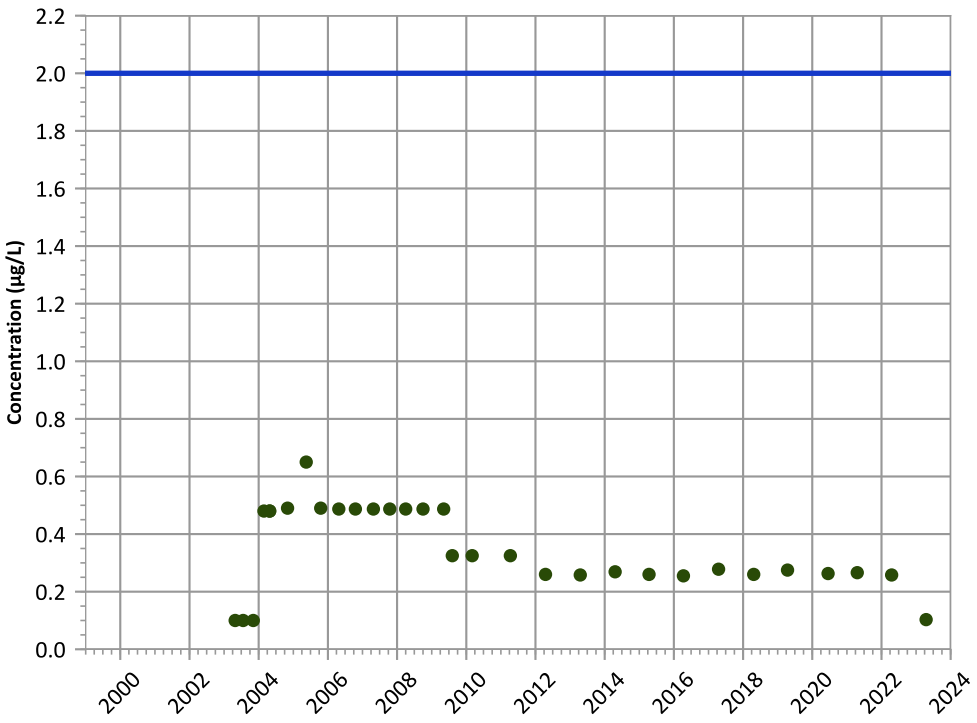


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

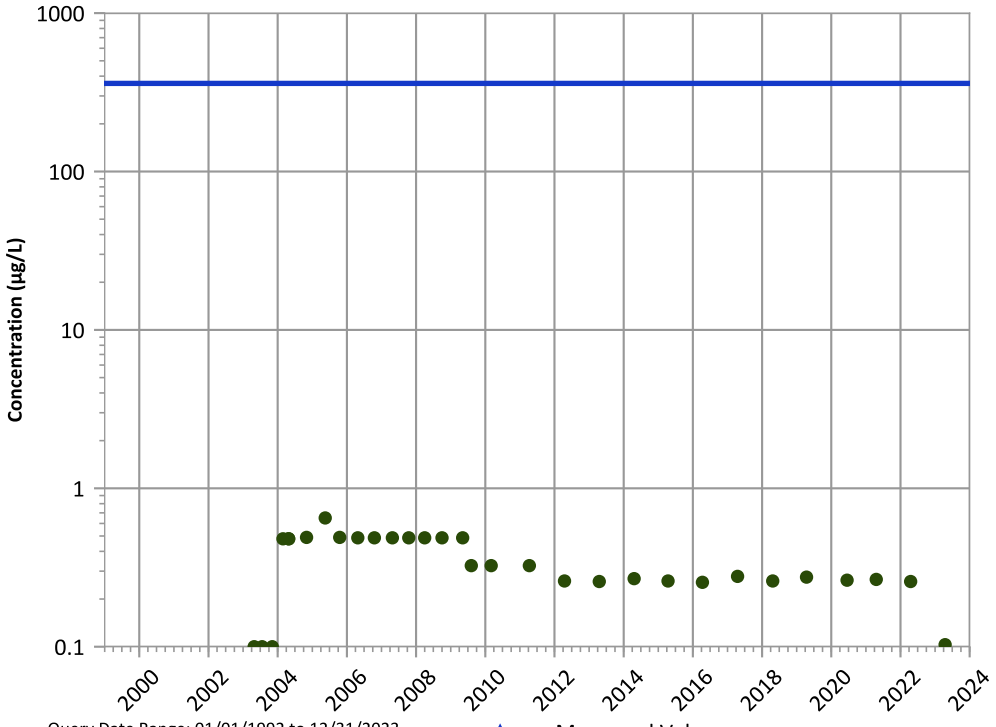


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

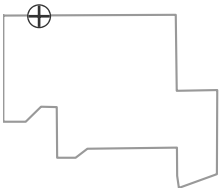


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

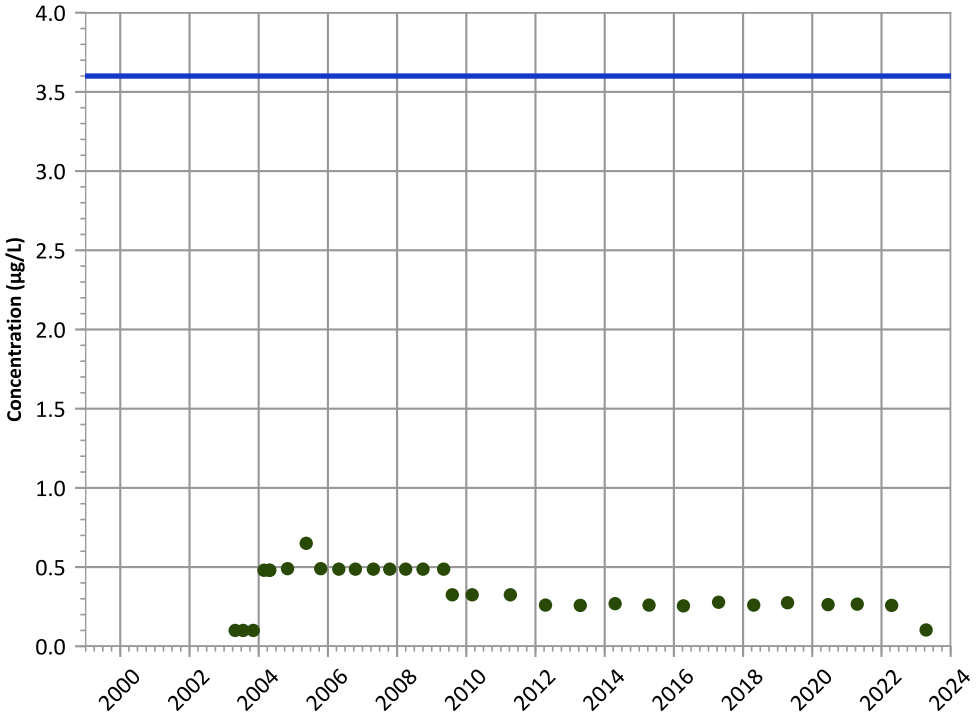


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

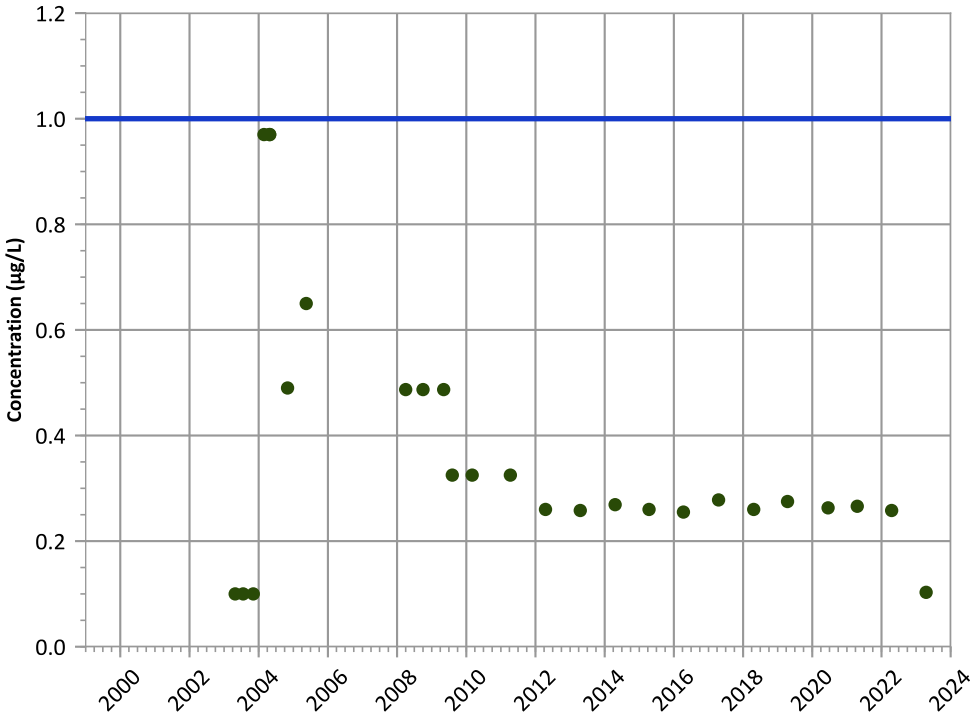


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

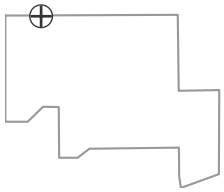
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

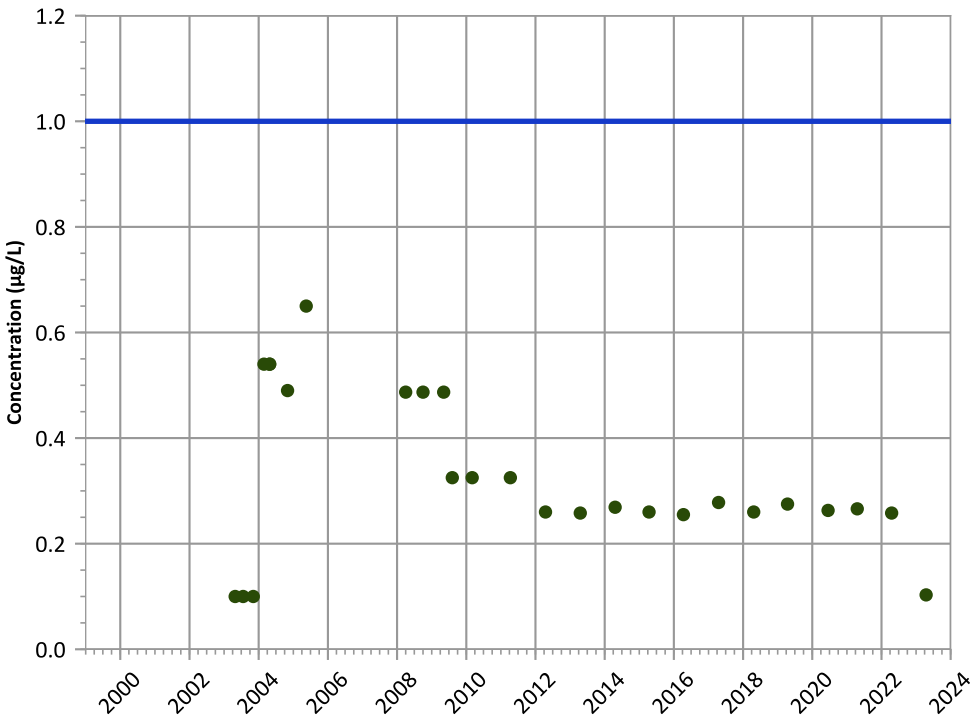
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

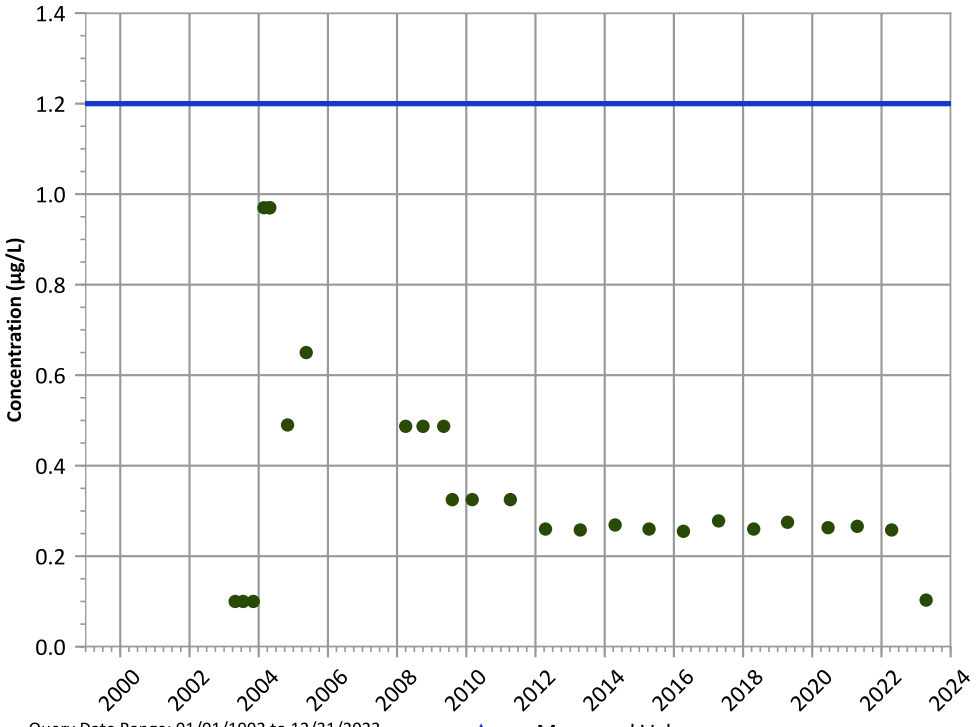
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



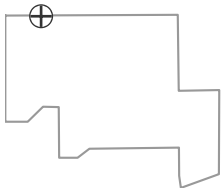
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

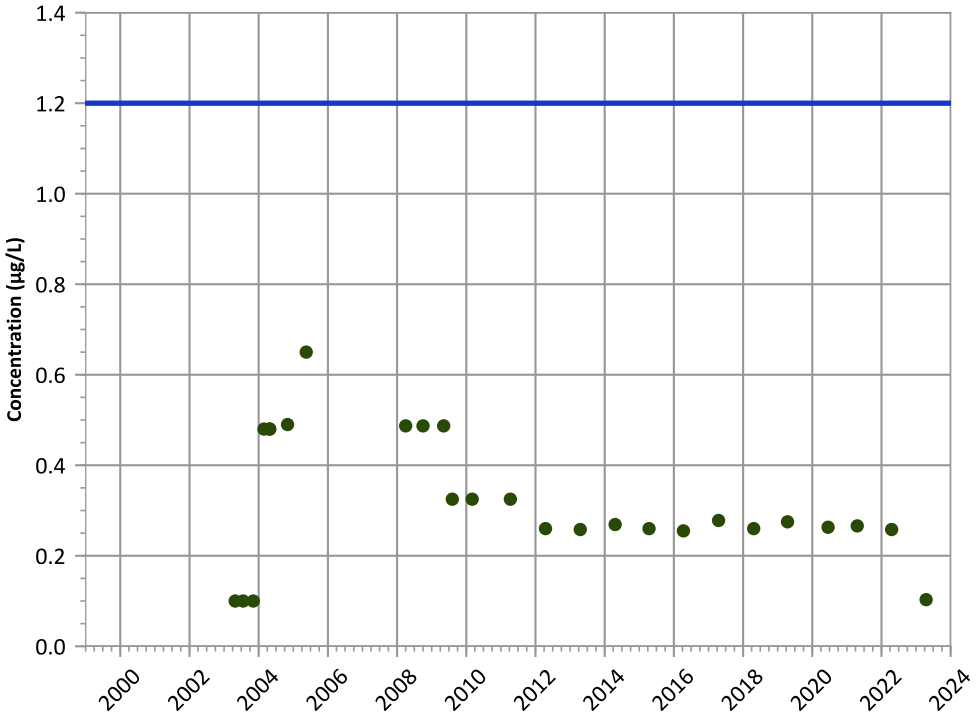
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

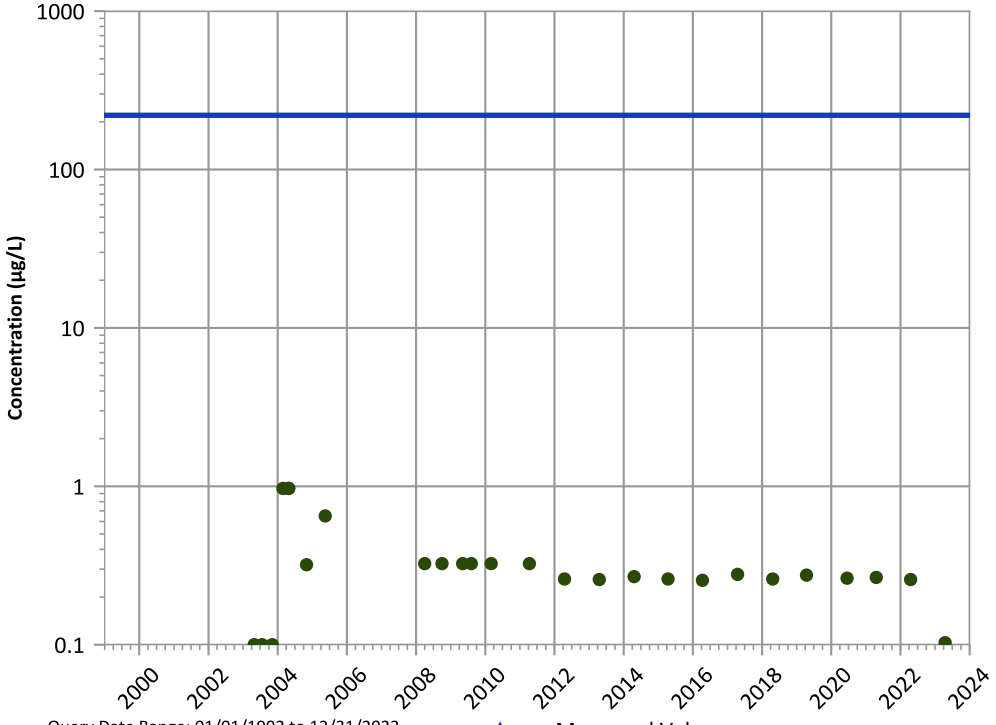


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

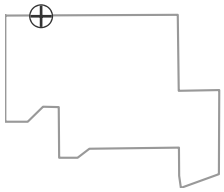
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

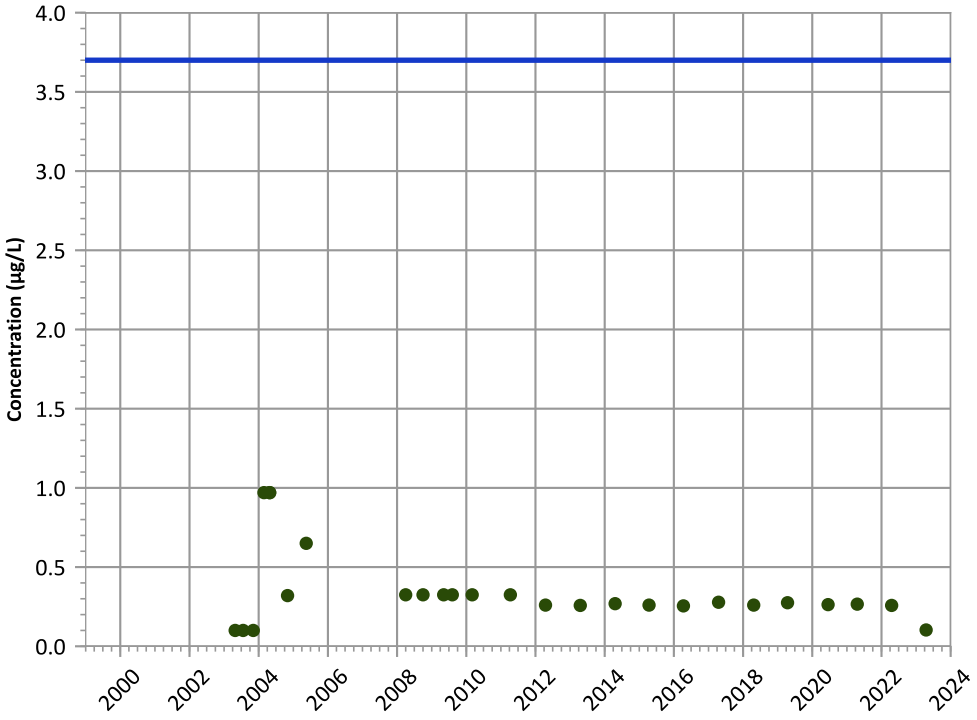
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

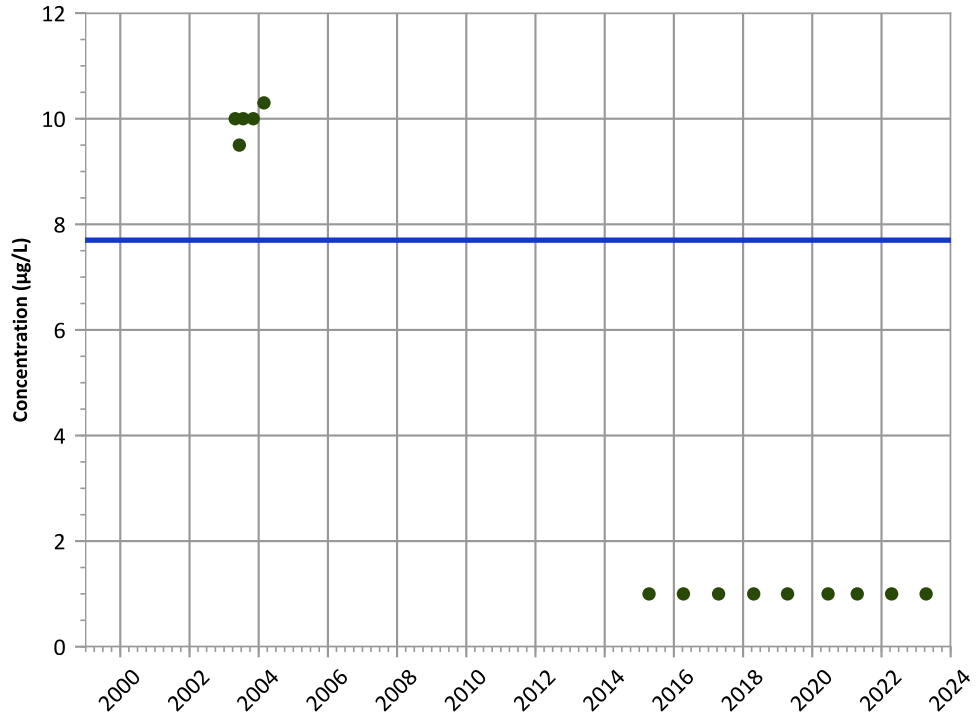


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

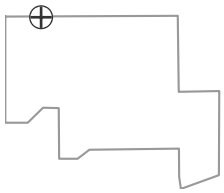


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

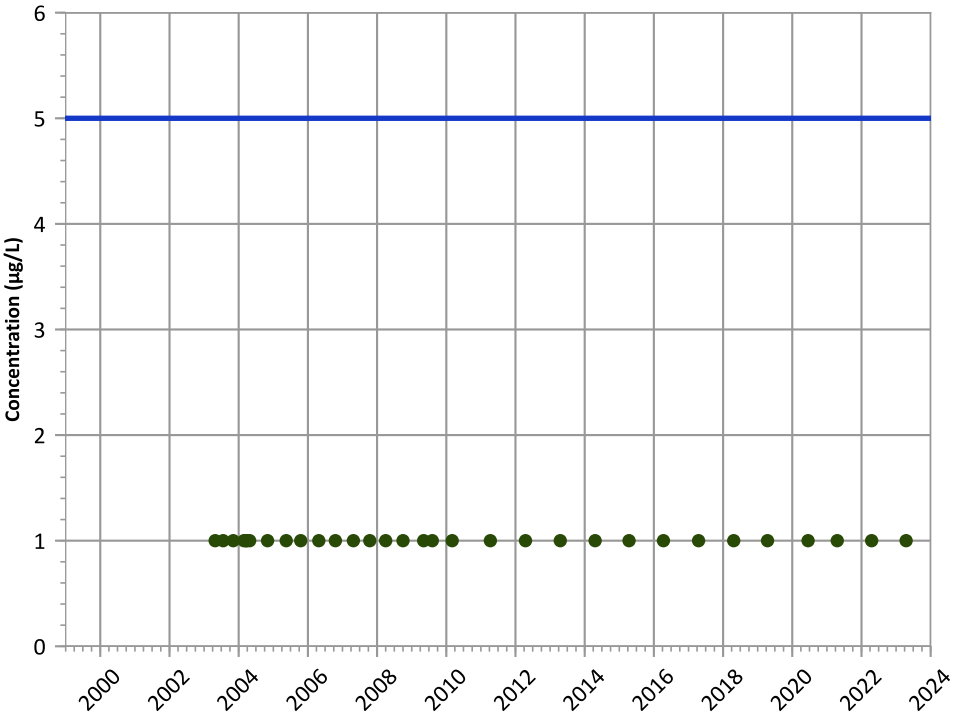


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

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

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

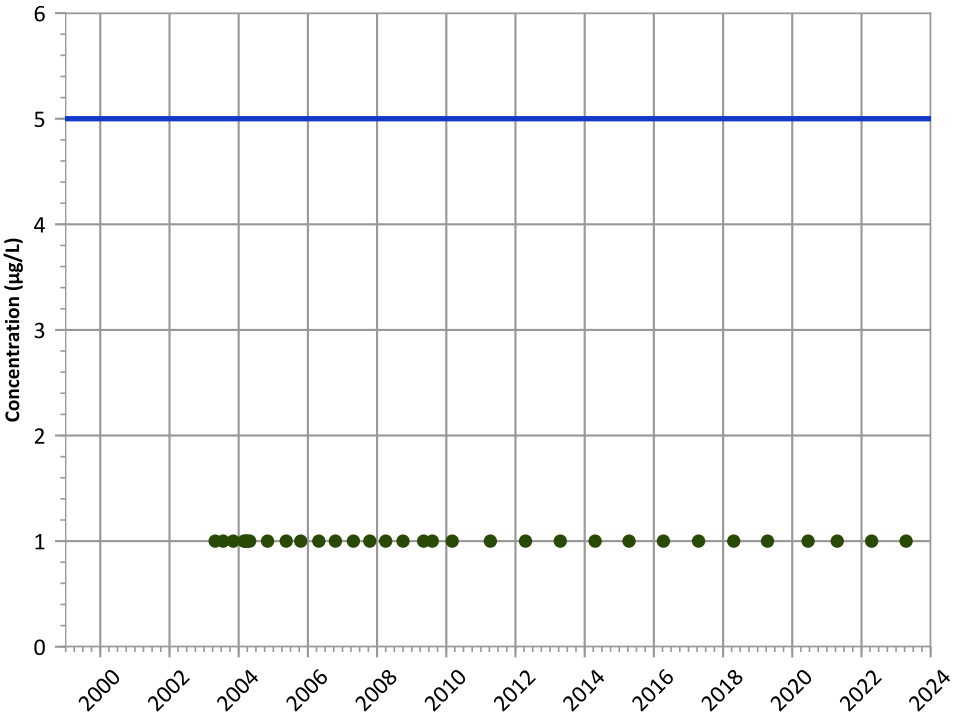
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



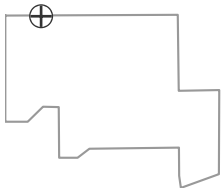
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

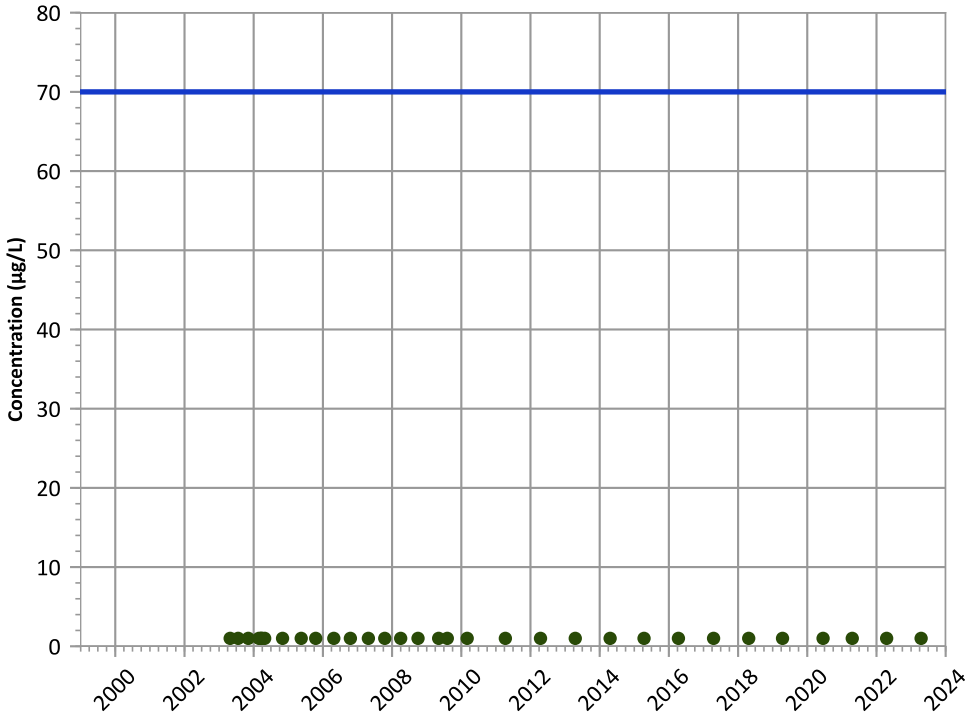
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

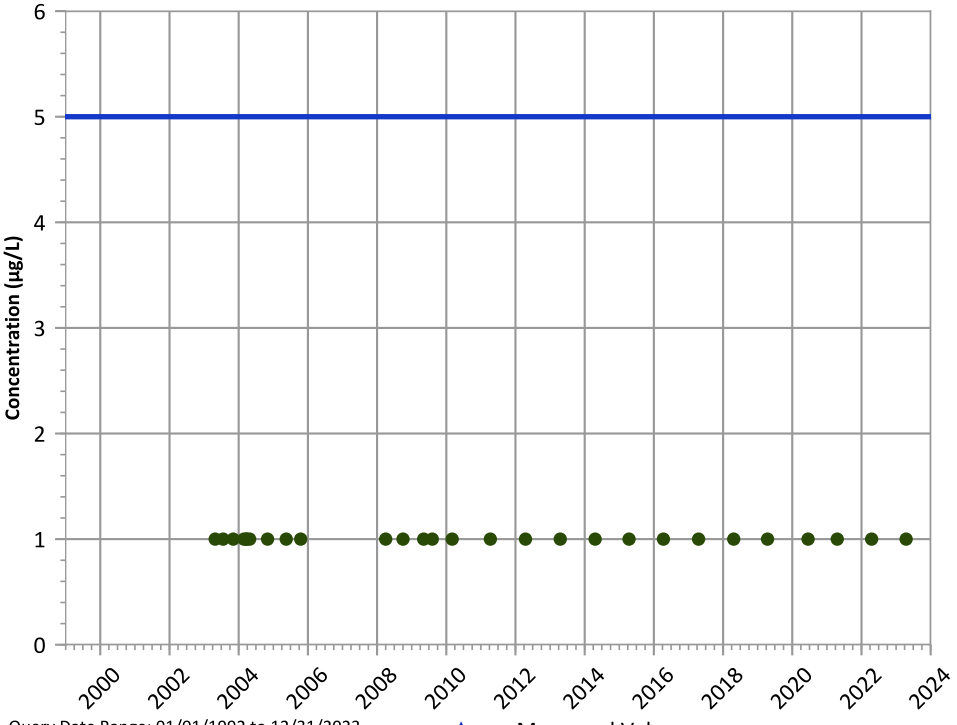


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

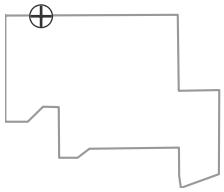
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

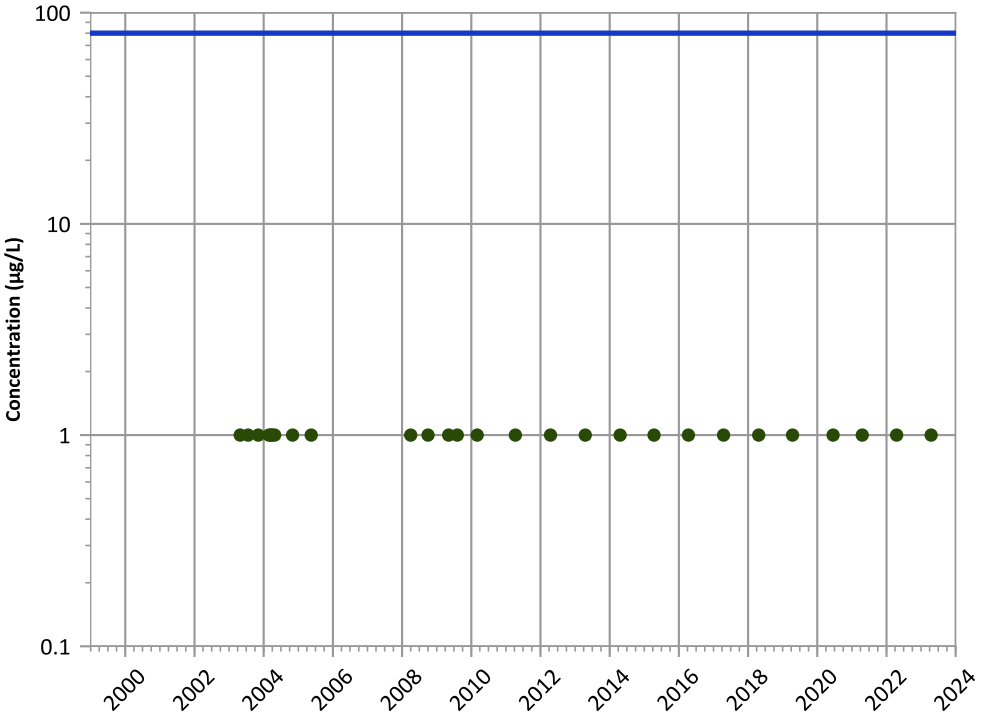
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

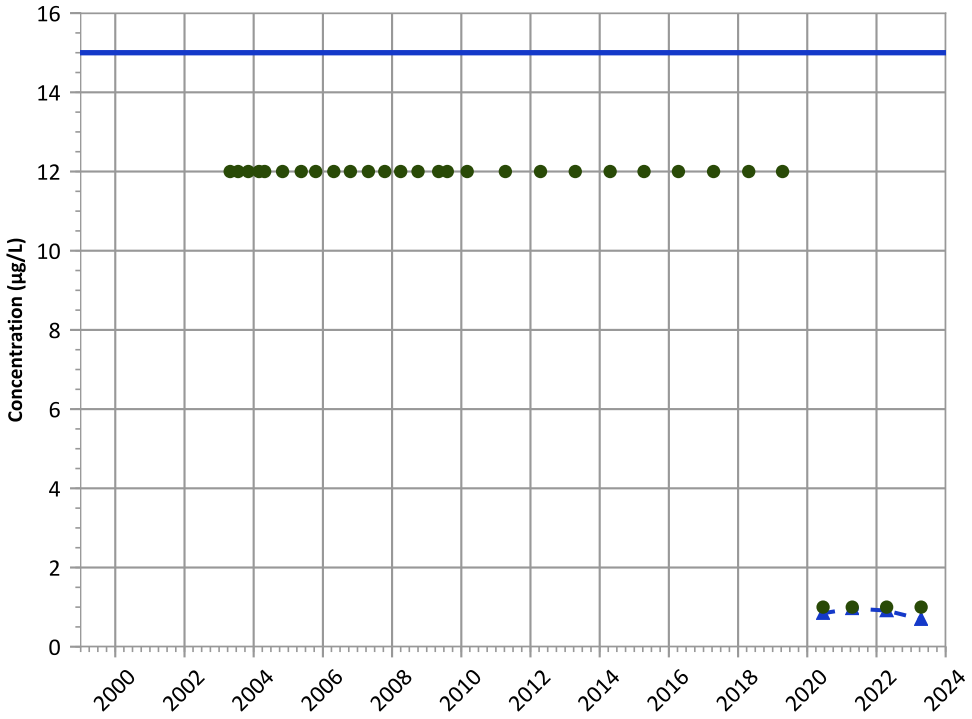
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



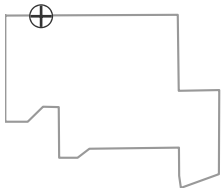
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

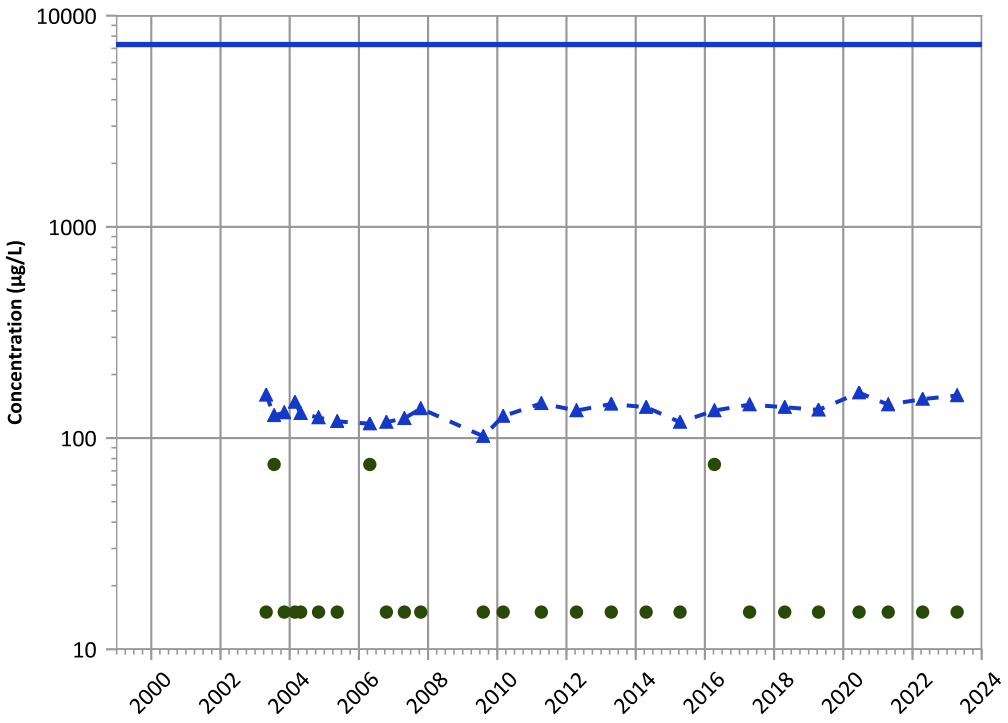
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

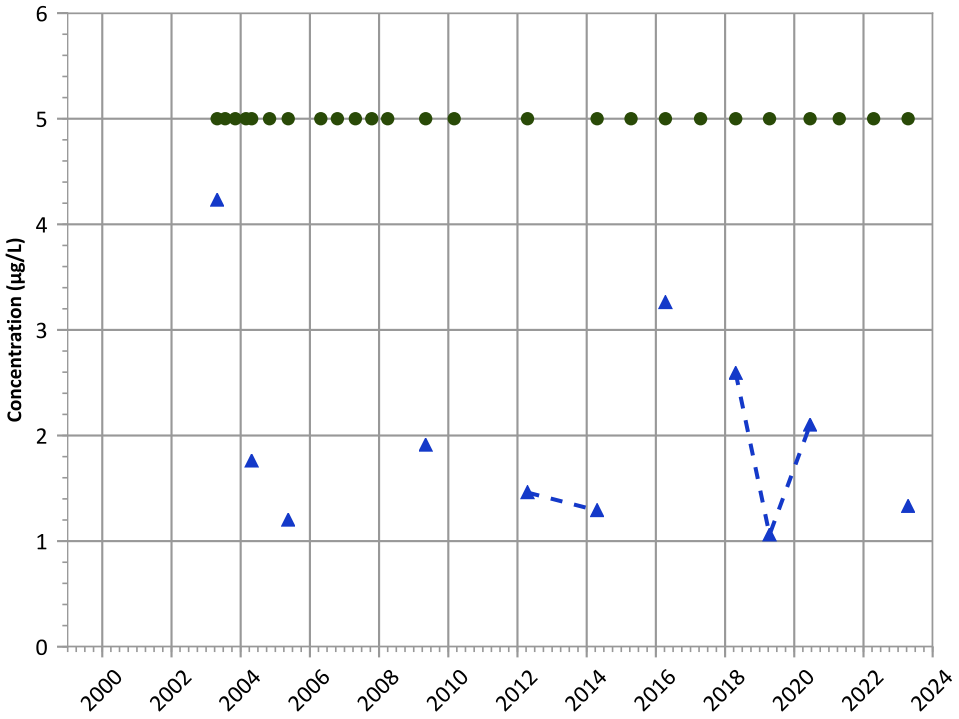


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Manganese Trend



Concentration Trend

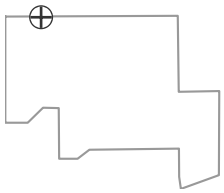
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

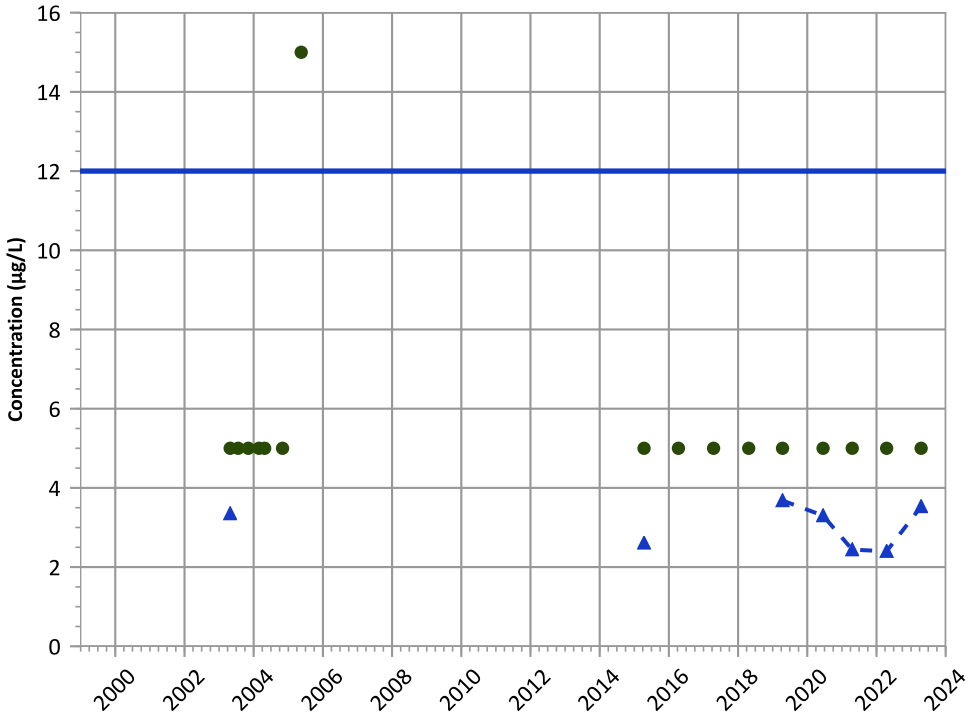
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

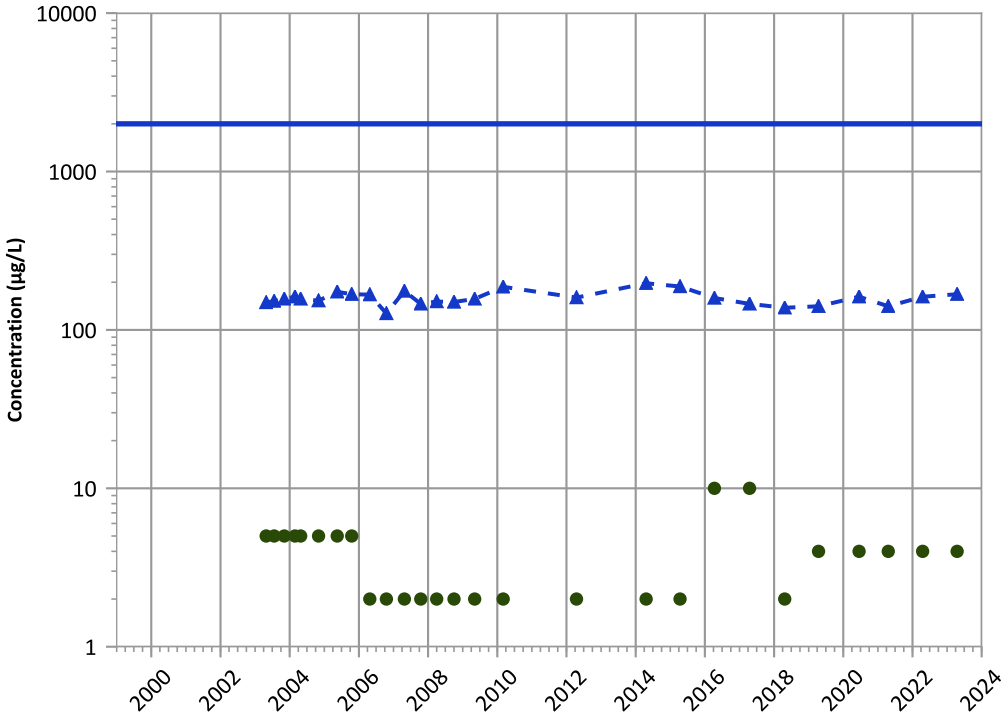


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Barium Trend



Concentration Trend

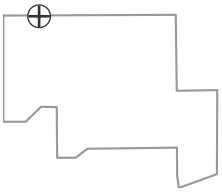
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Decreasing

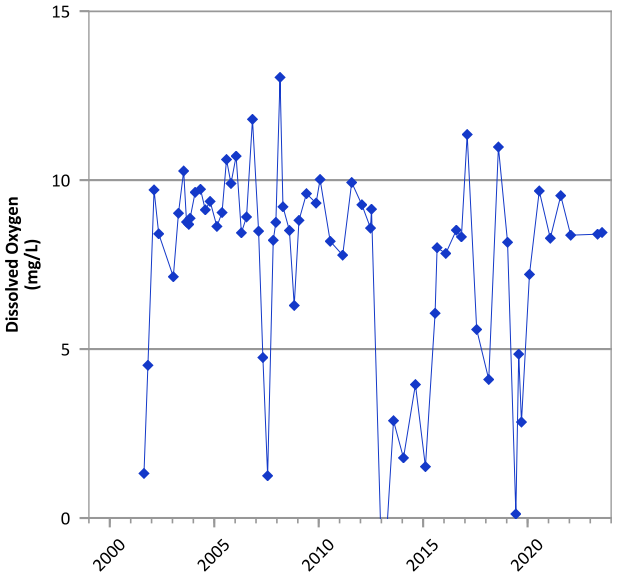
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/28/2003 to 04/17/2023
Analysis Date: 03/29/2024

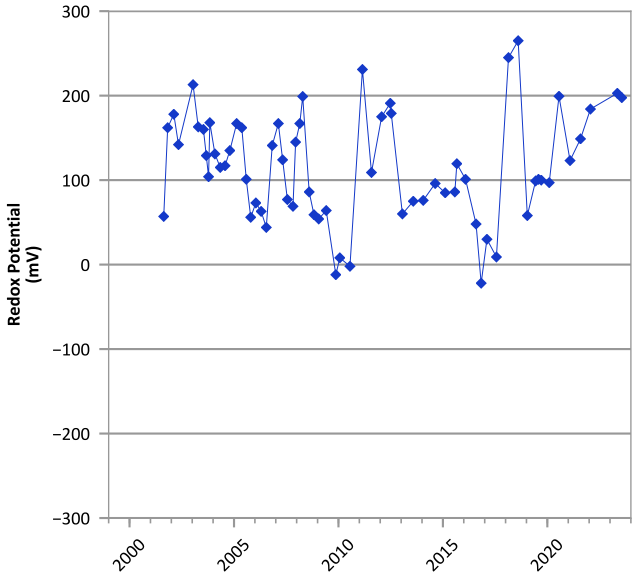
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

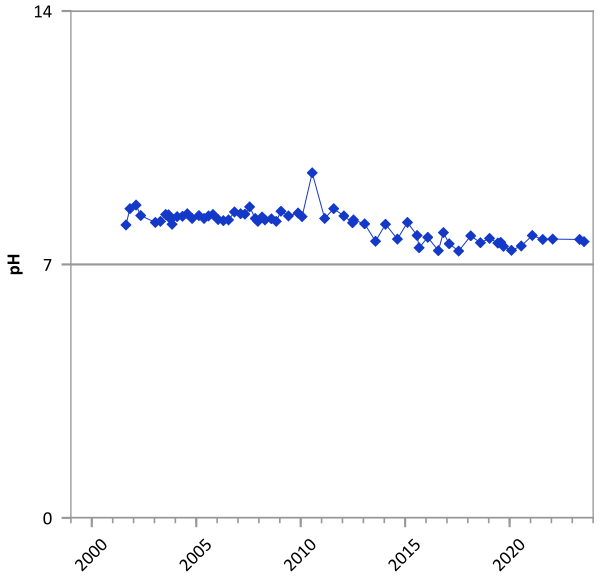
Well Location

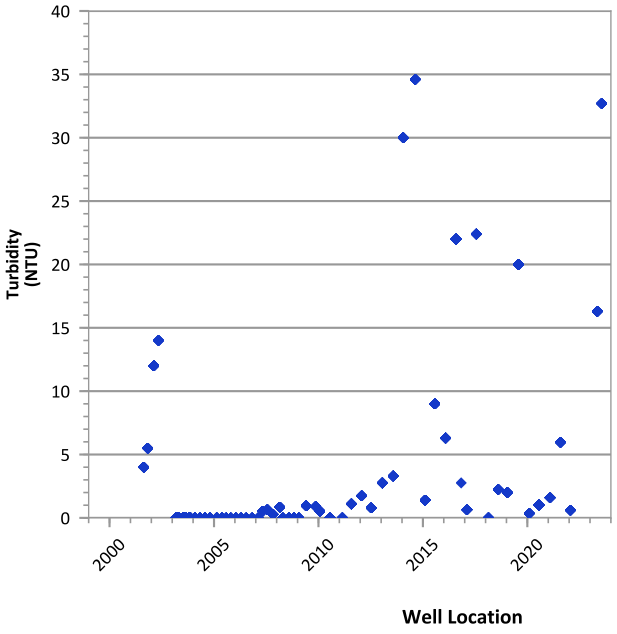


PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

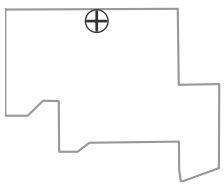






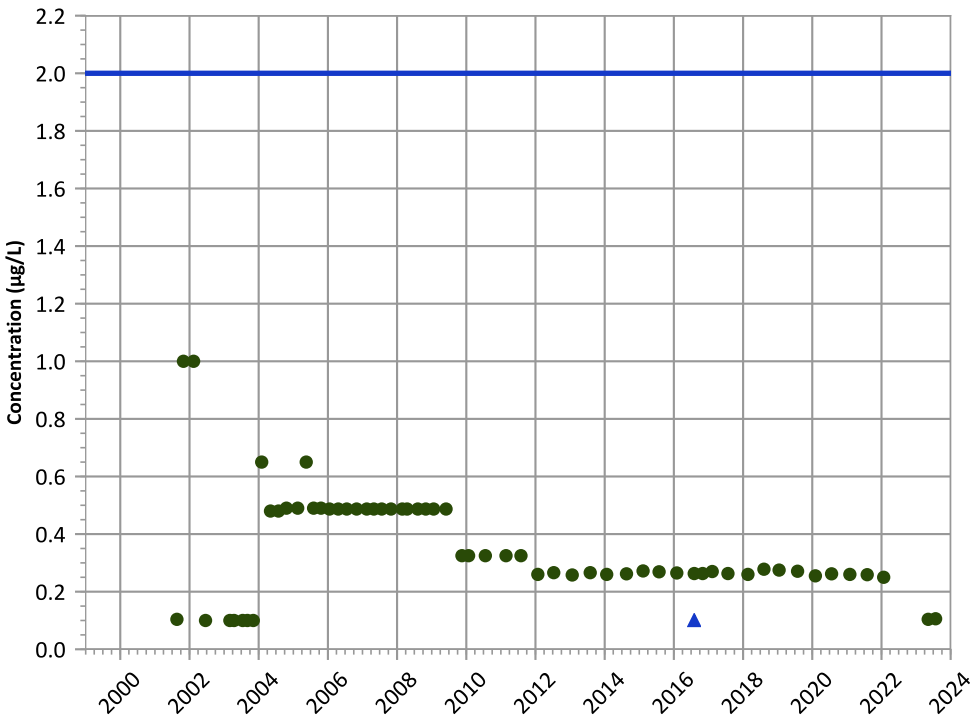


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

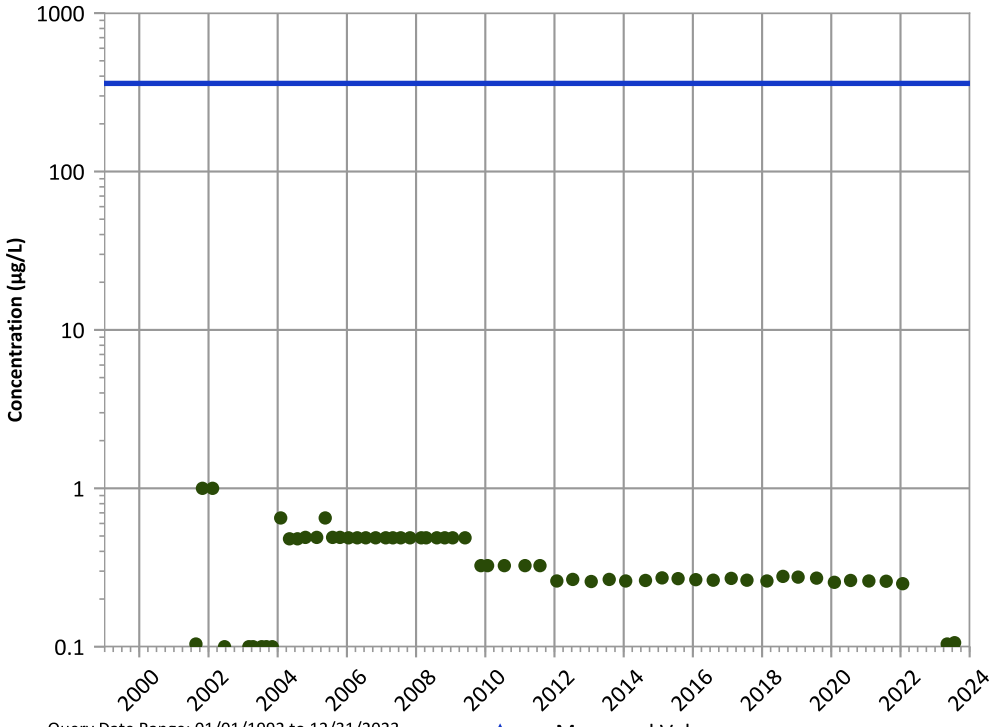


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

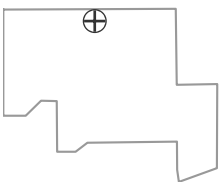


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

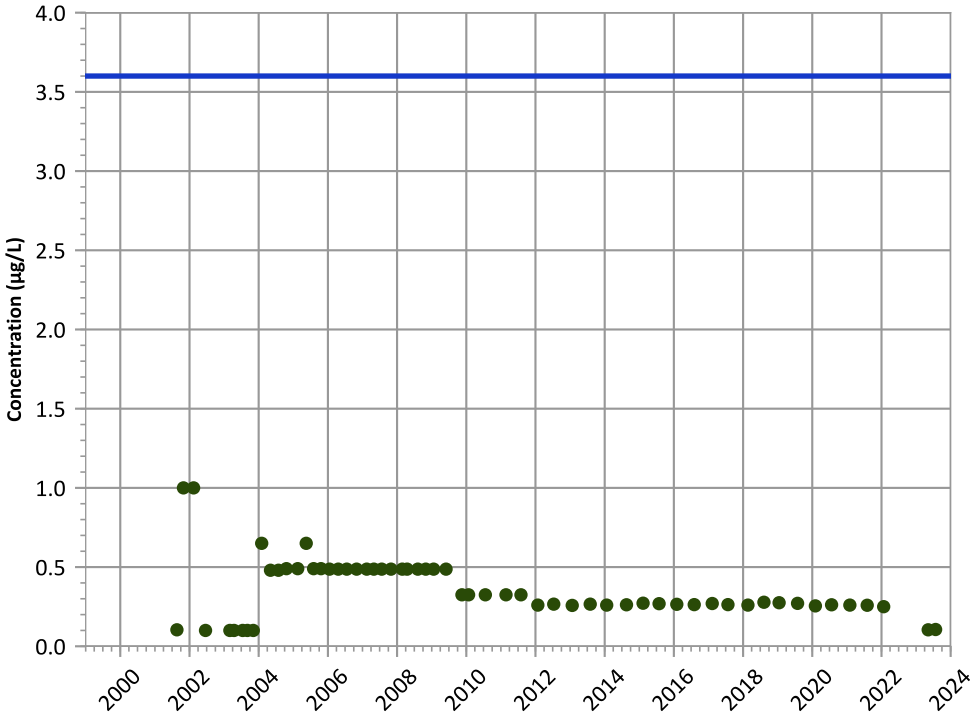


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

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

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

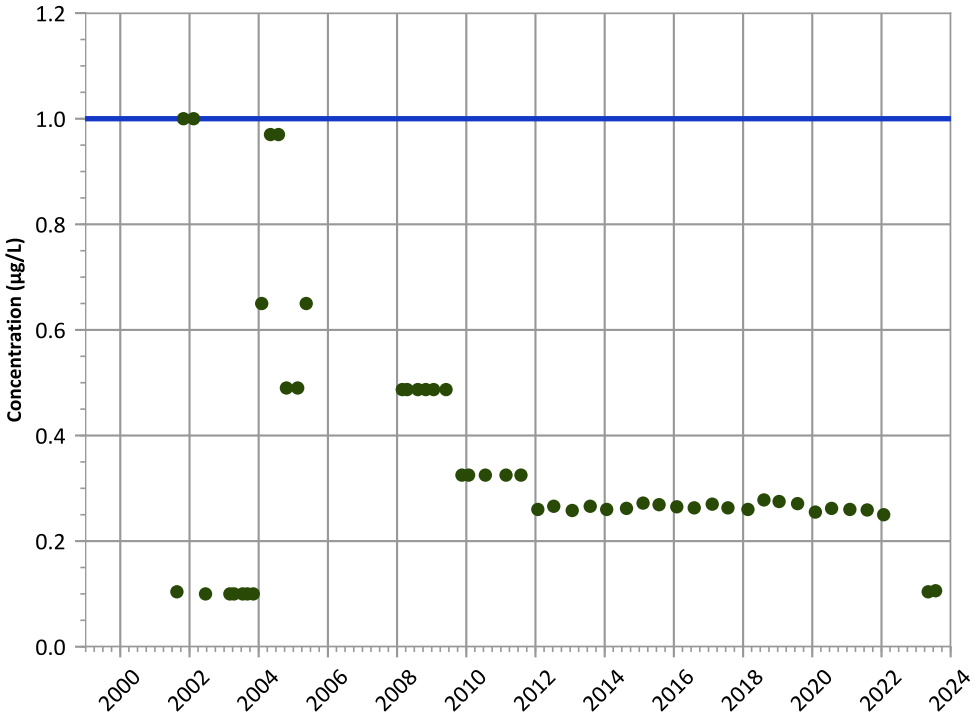
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



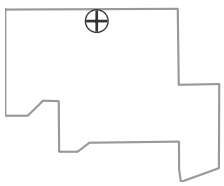
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

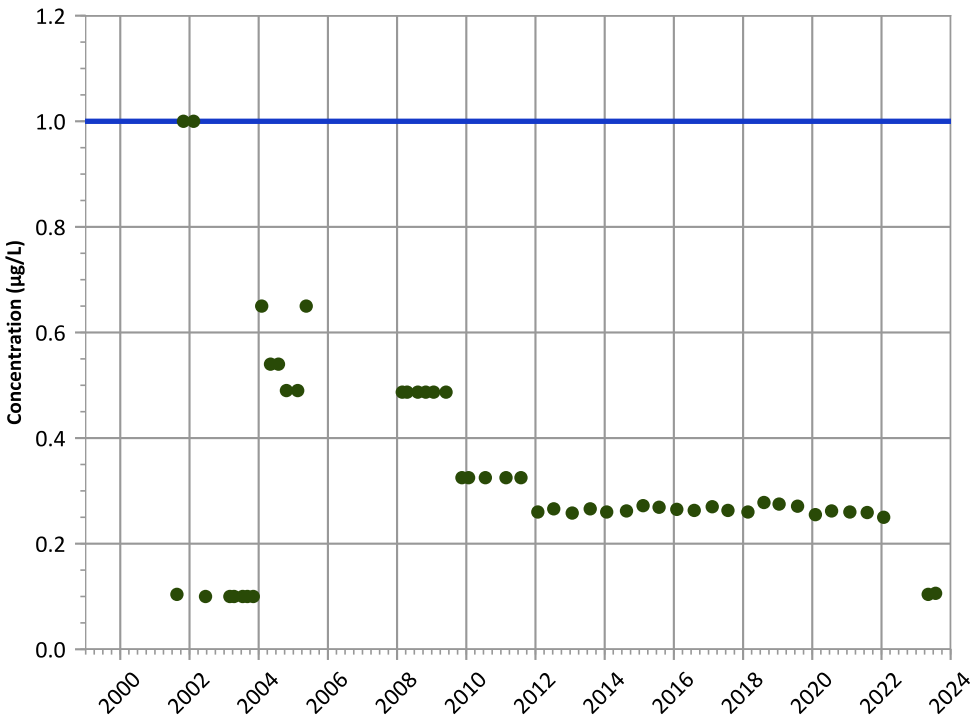
▲ Measured Value
● Sample Detection Limit
– – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

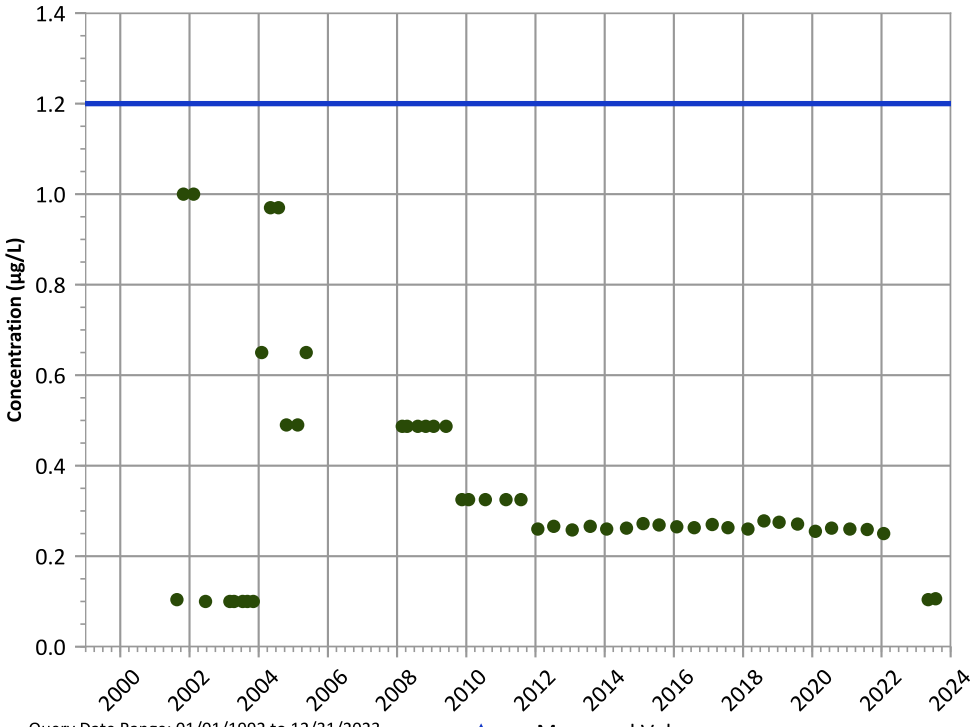
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



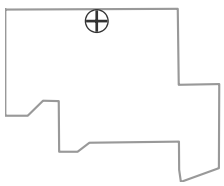
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

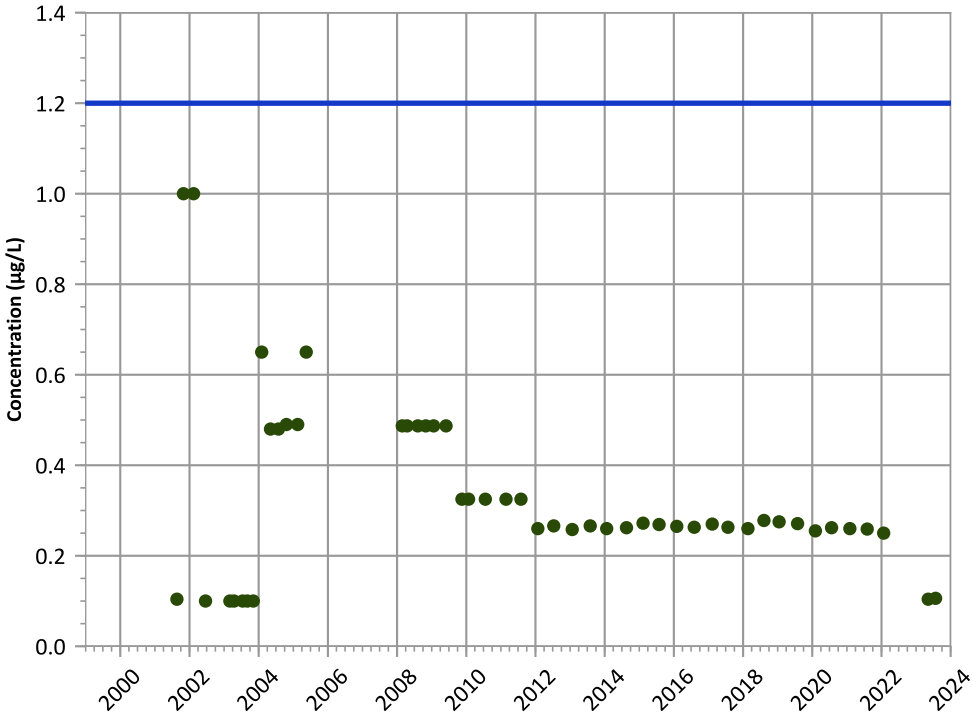
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

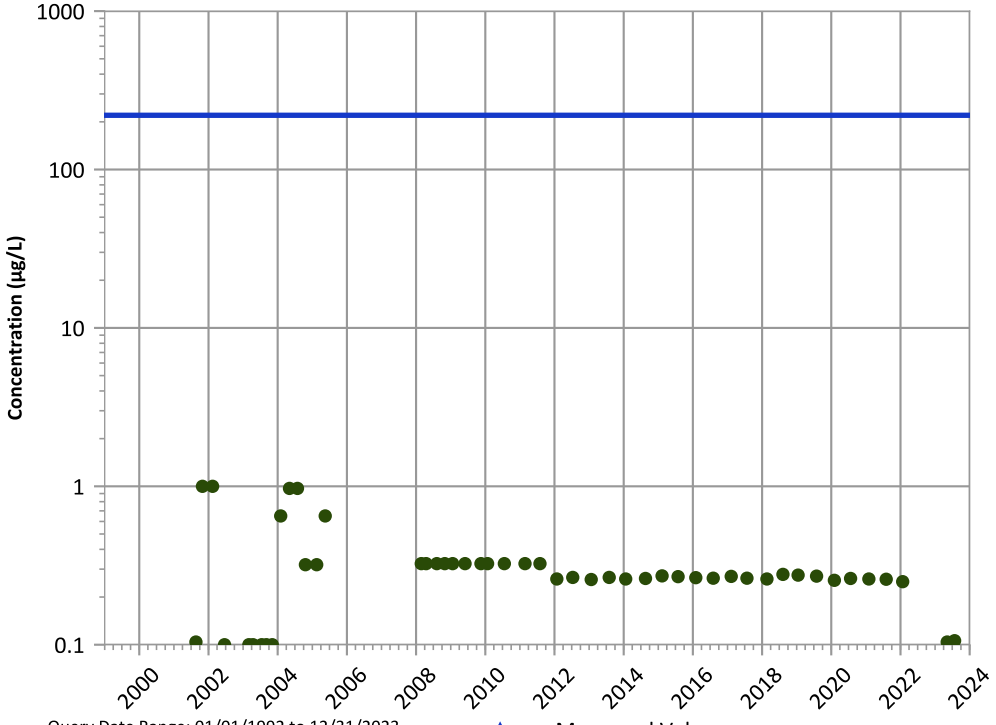


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

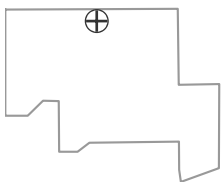
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

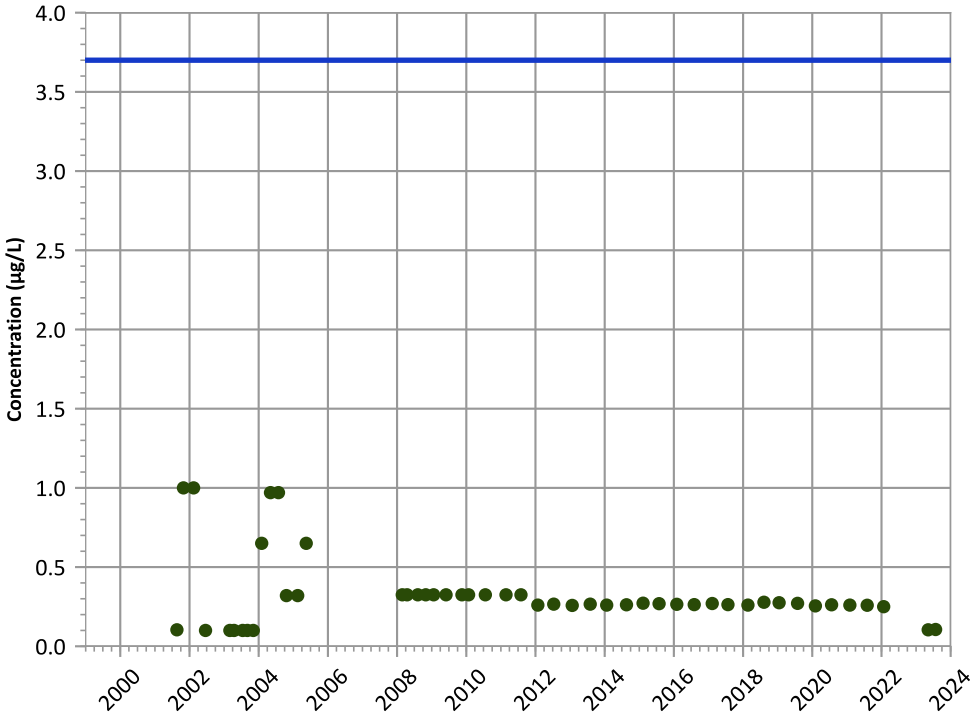
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

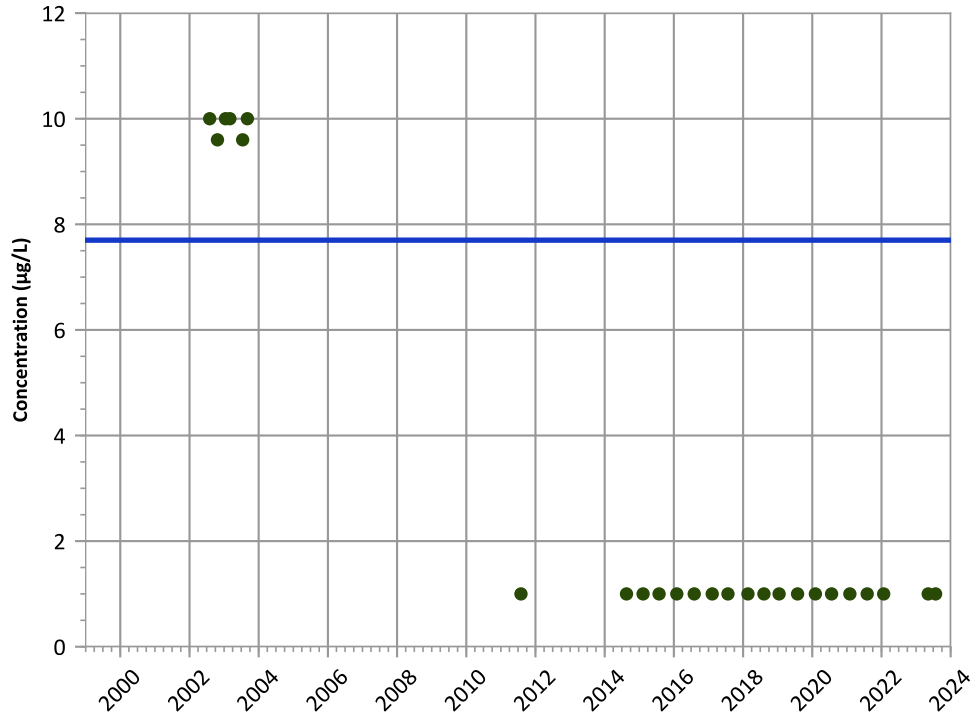


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

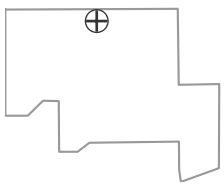


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

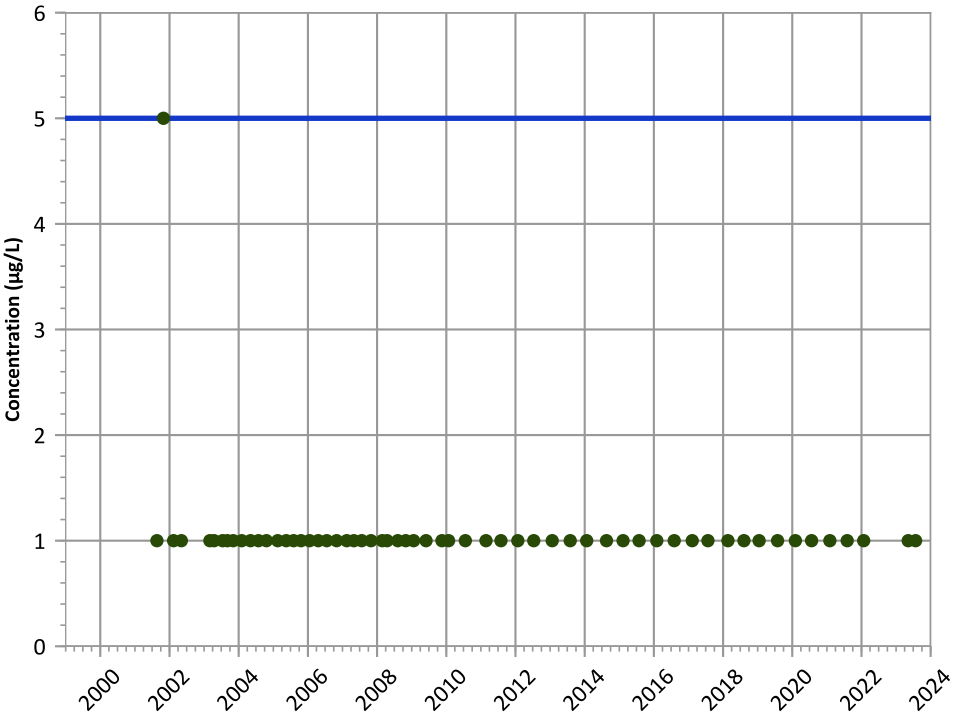


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

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

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

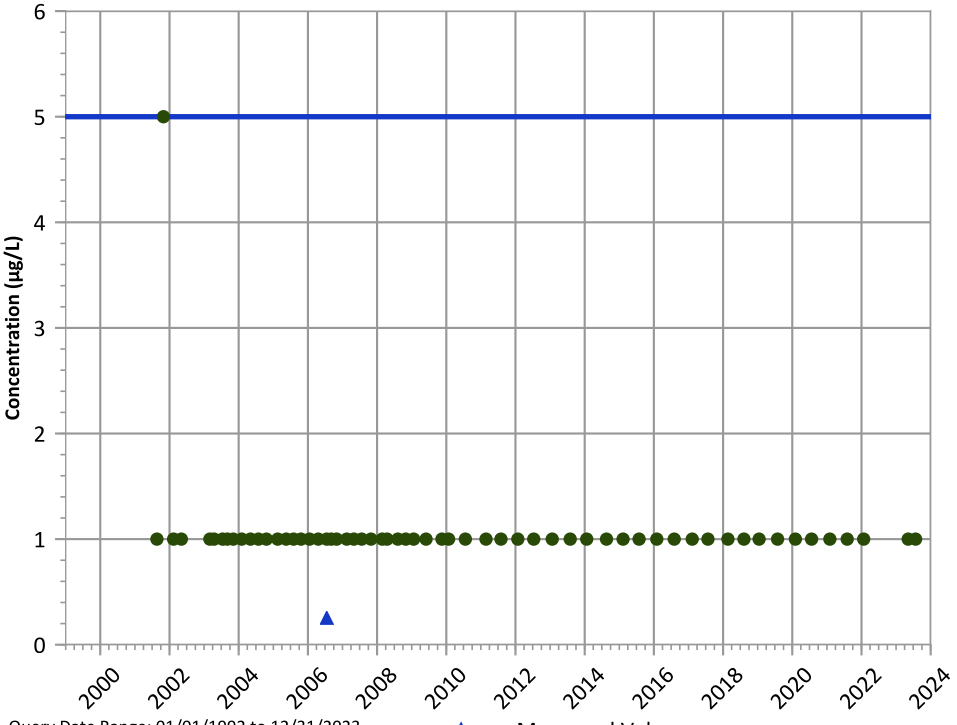
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



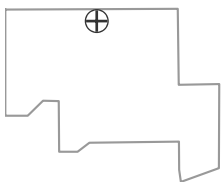
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

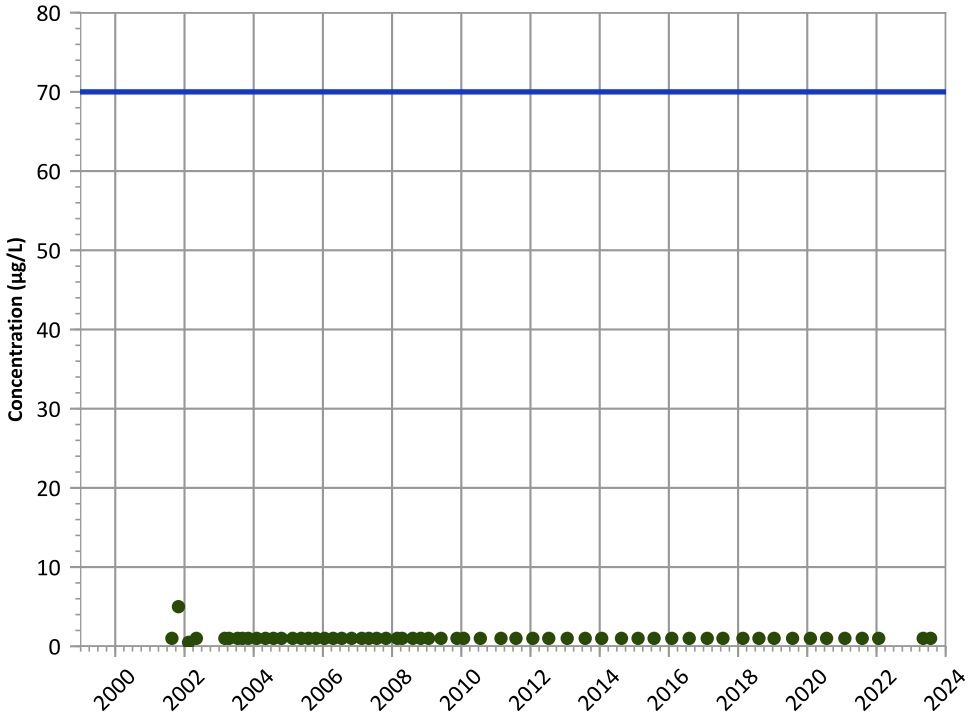
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

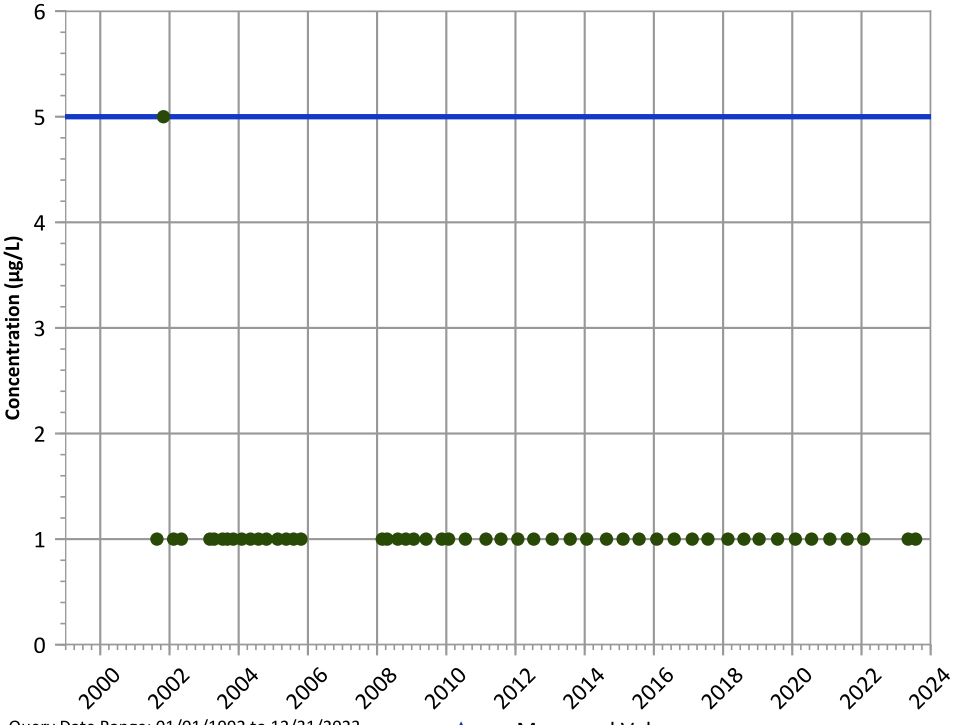


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

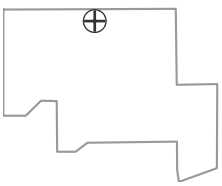


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

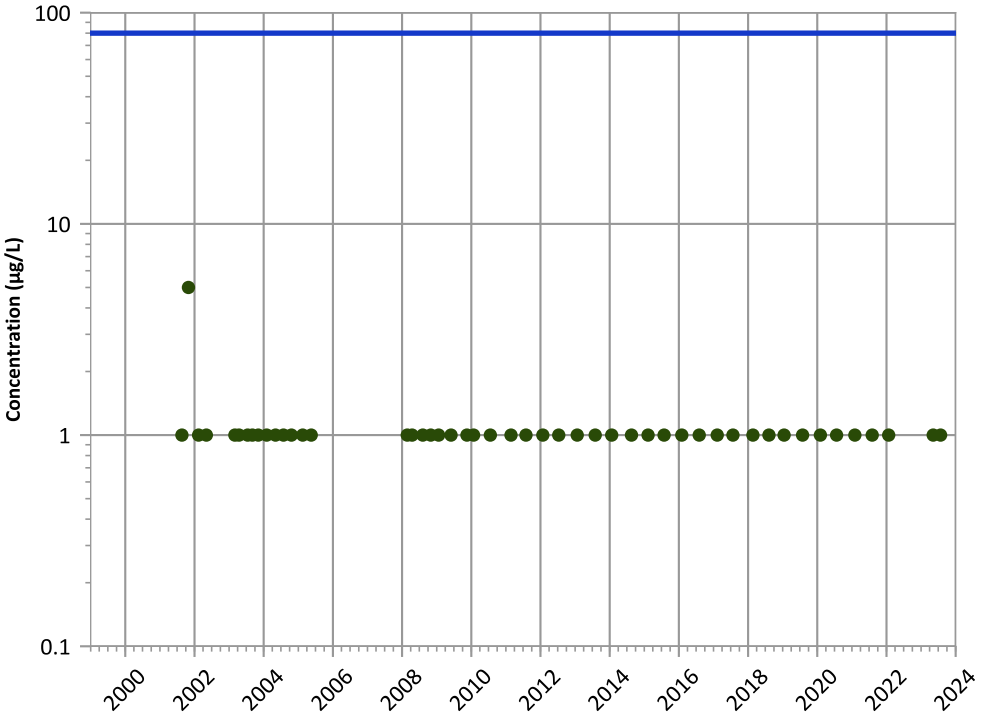


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

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

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

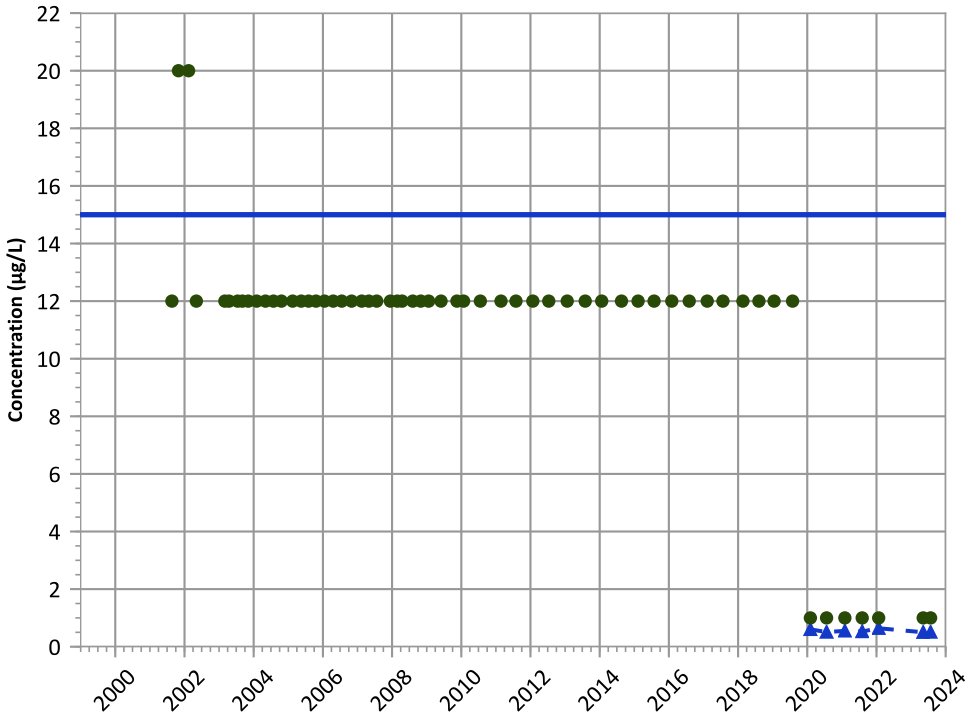
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



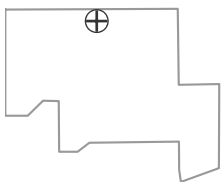
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

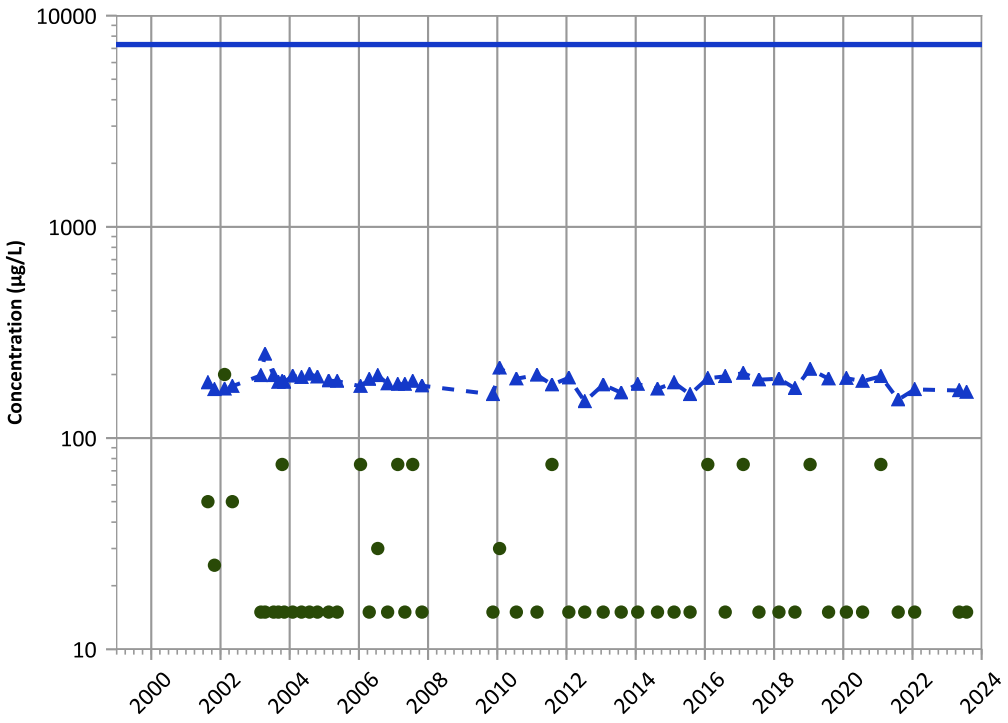
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

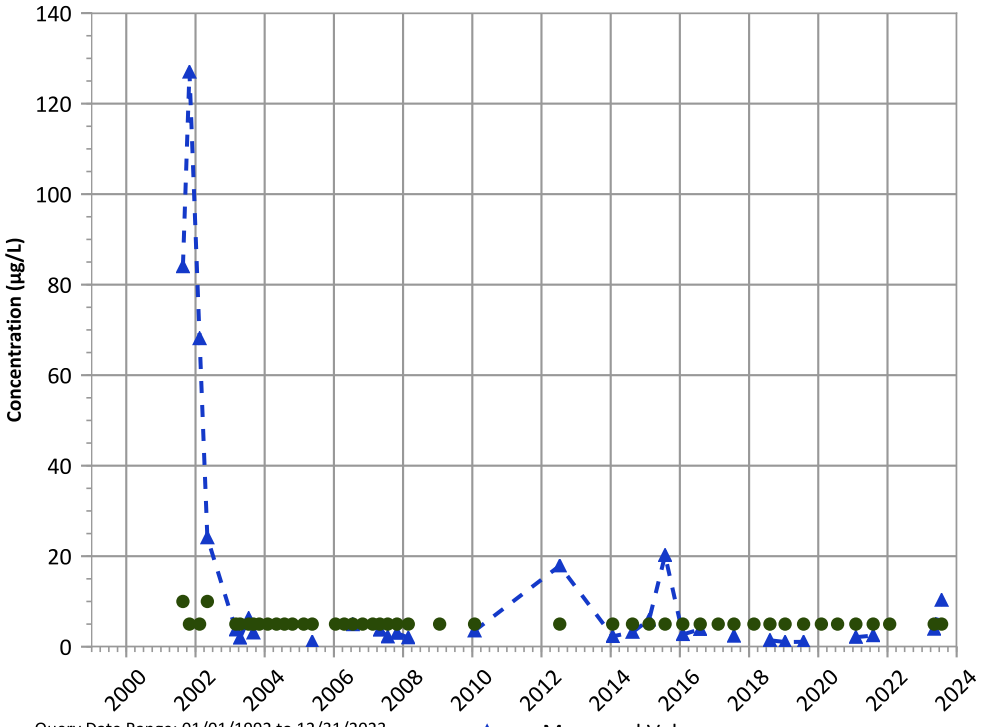


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

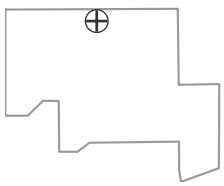
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

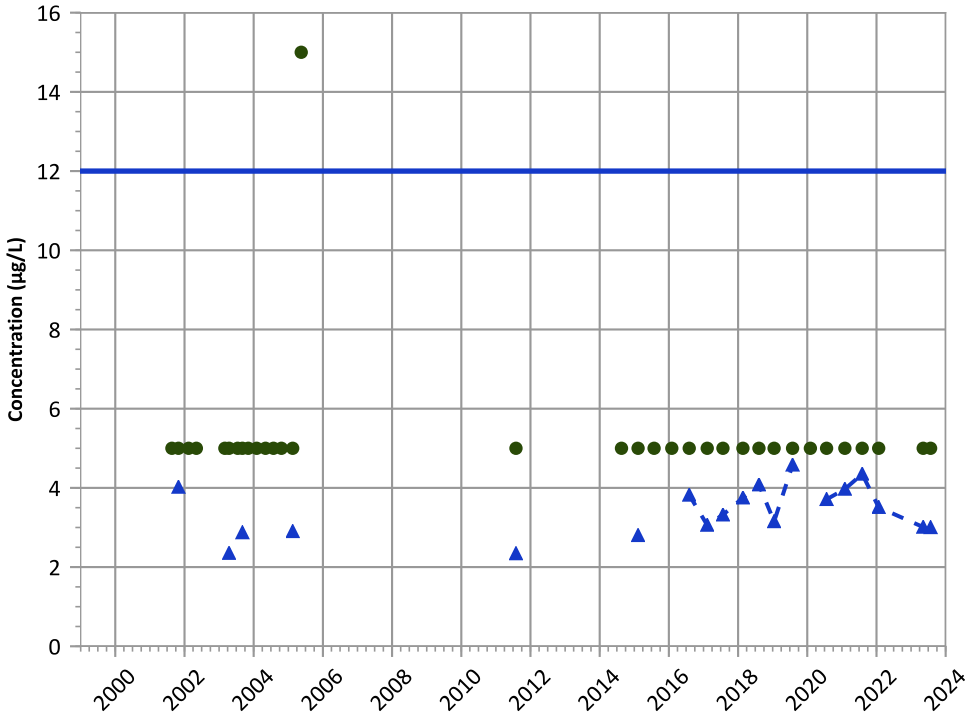
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

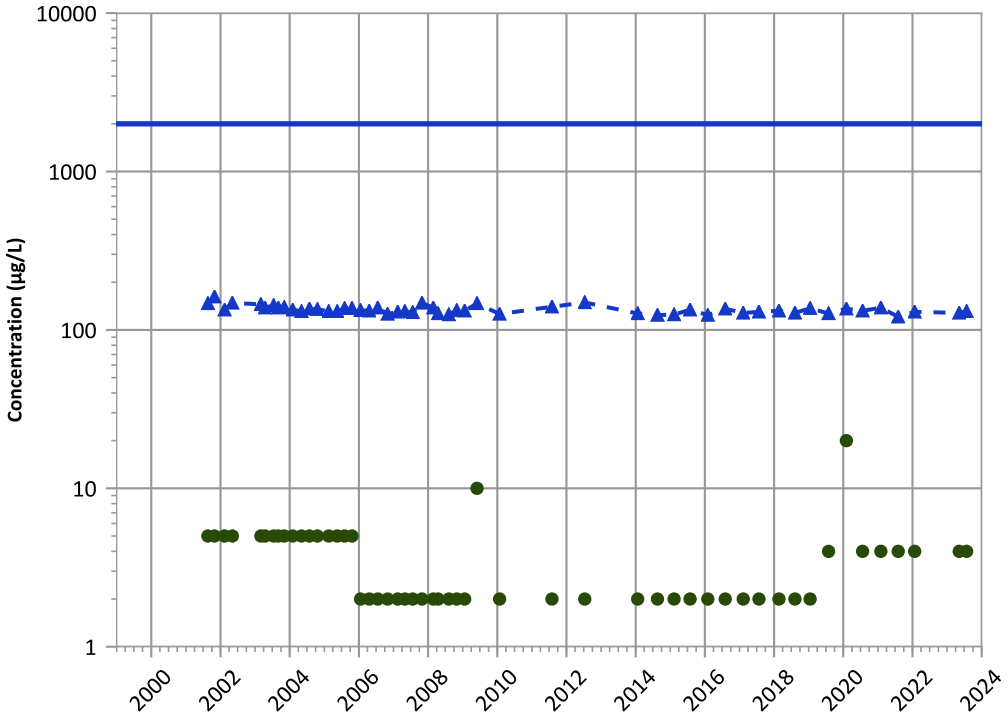


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Increasing

Barium Trend

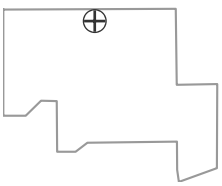


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

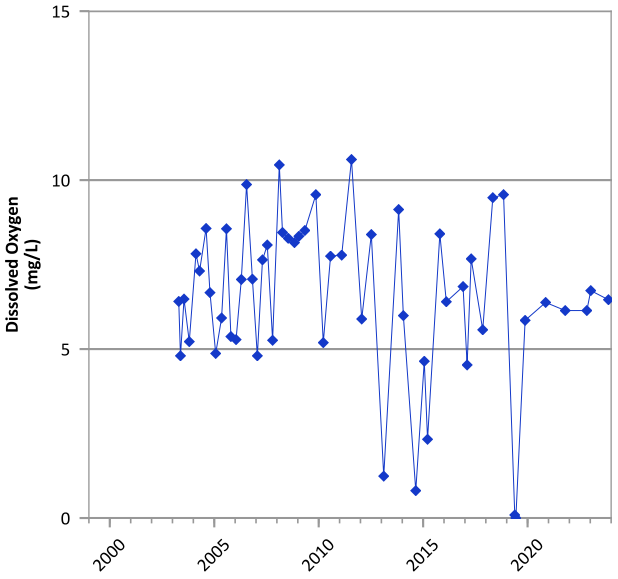
Well Location

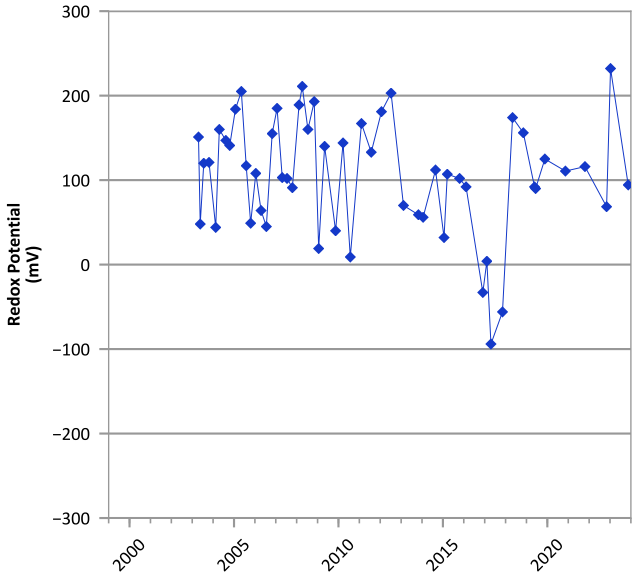


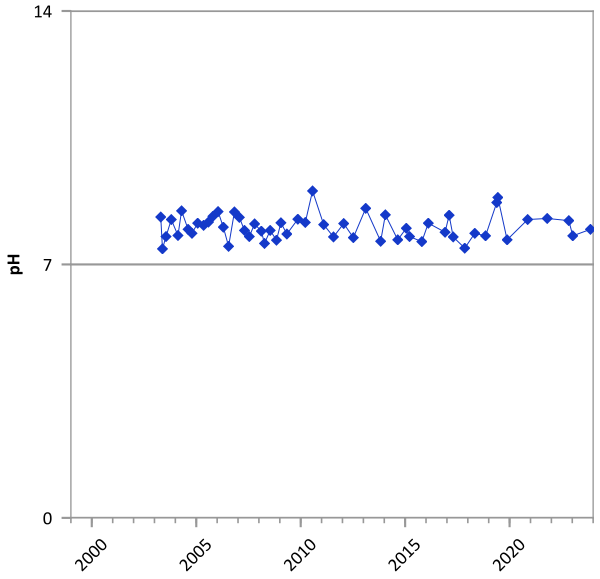
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/21/2001 to 07/26/2023
Analysis Date: 03/29/2024

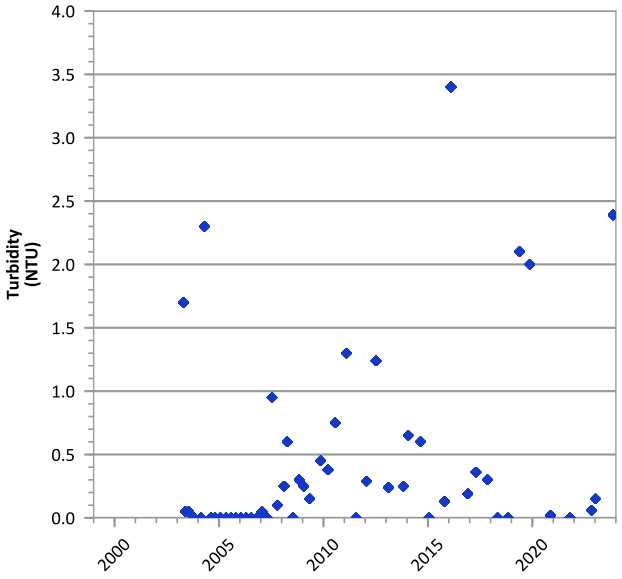
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

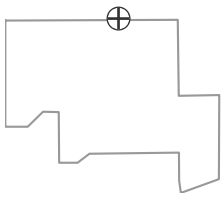






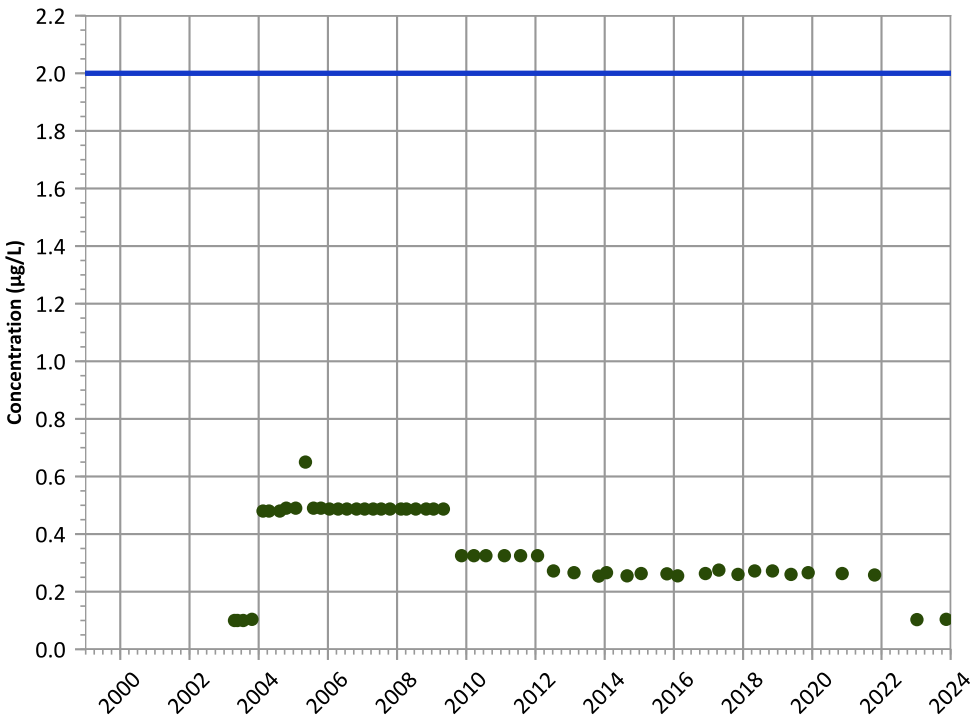


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

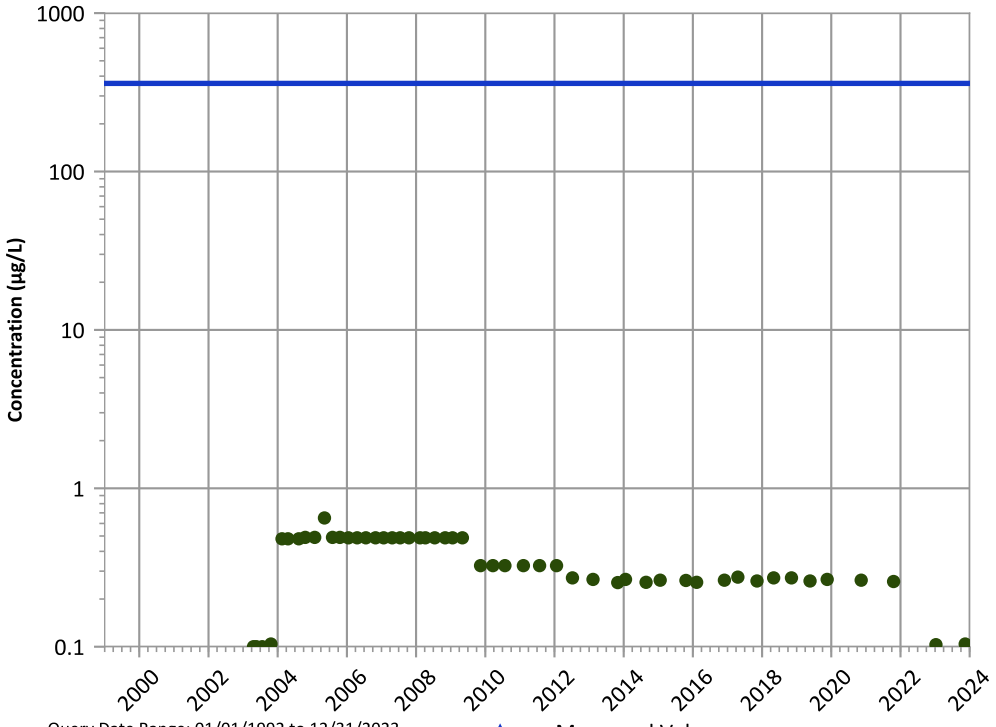


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

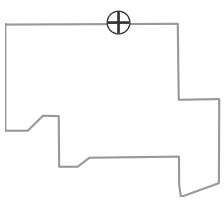
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

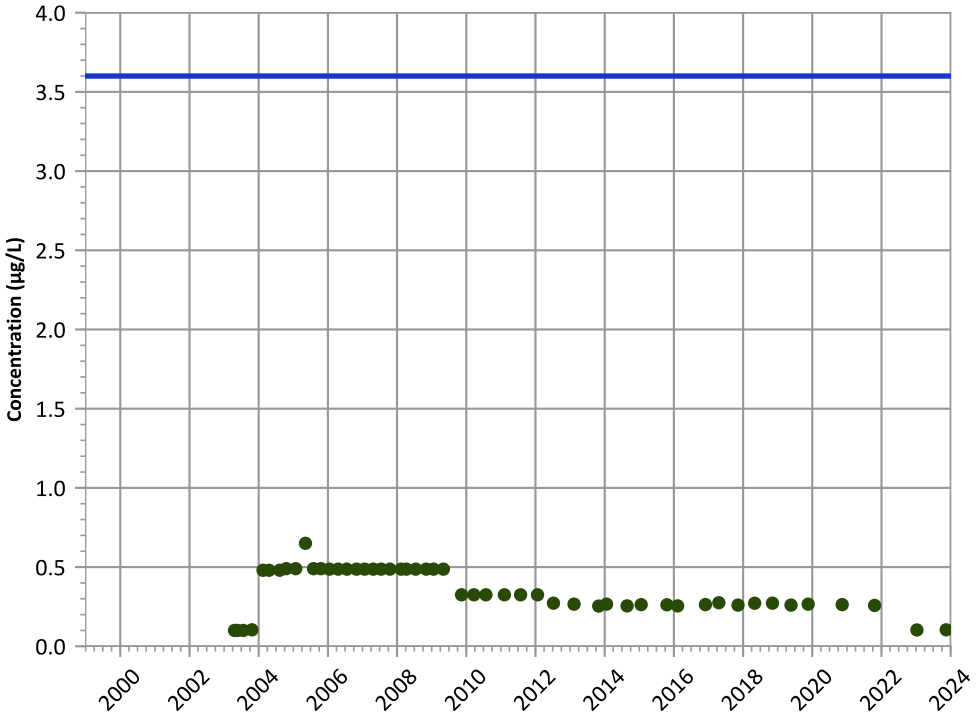
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

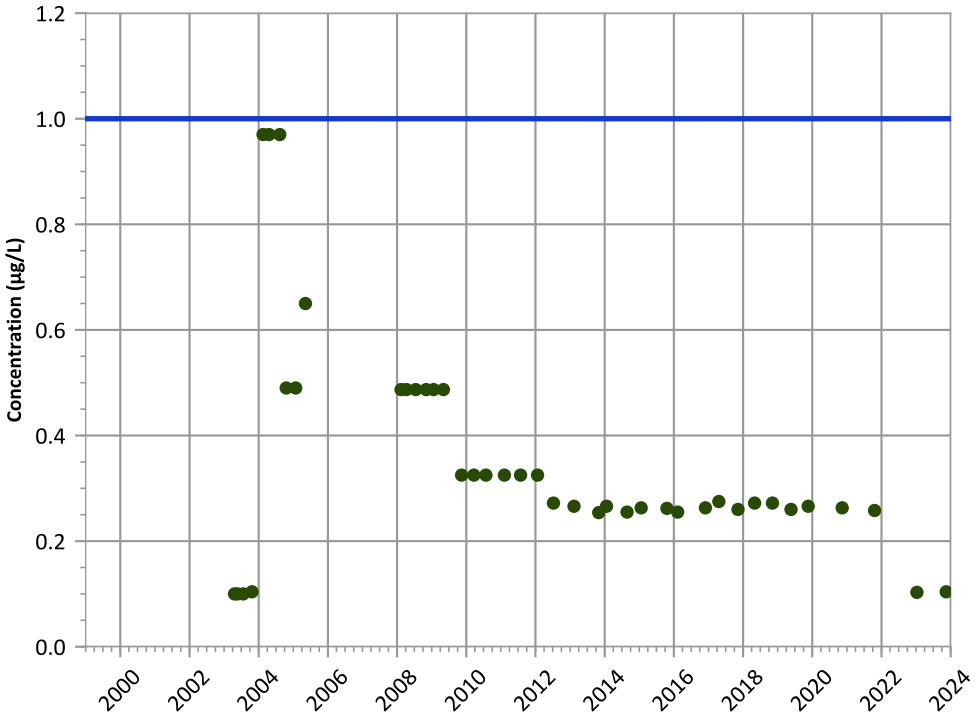


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

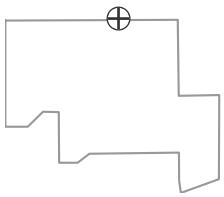
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

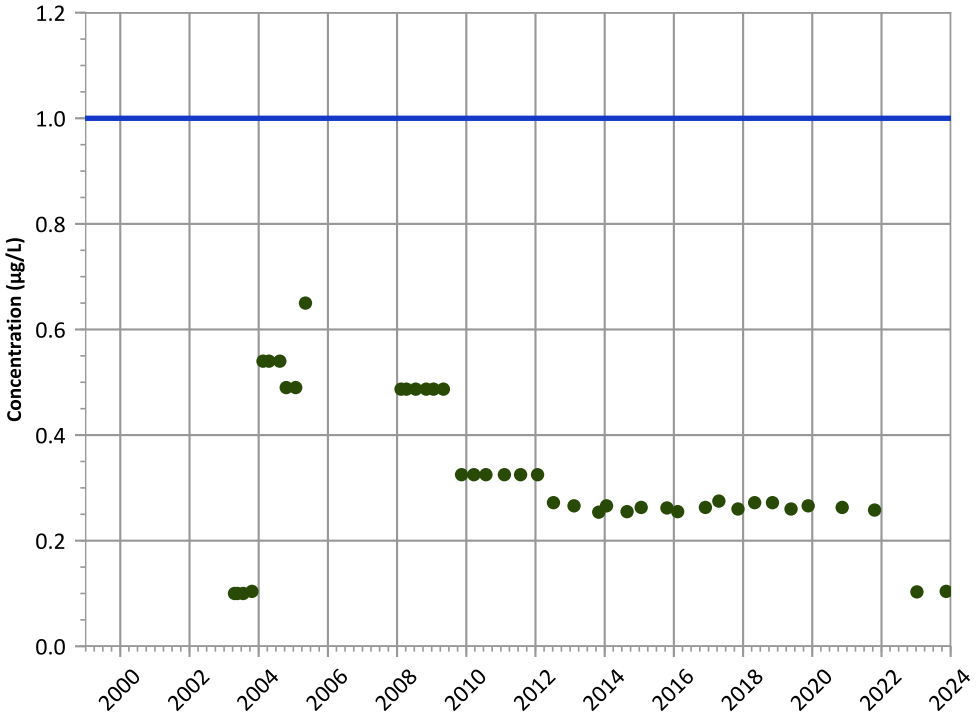
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

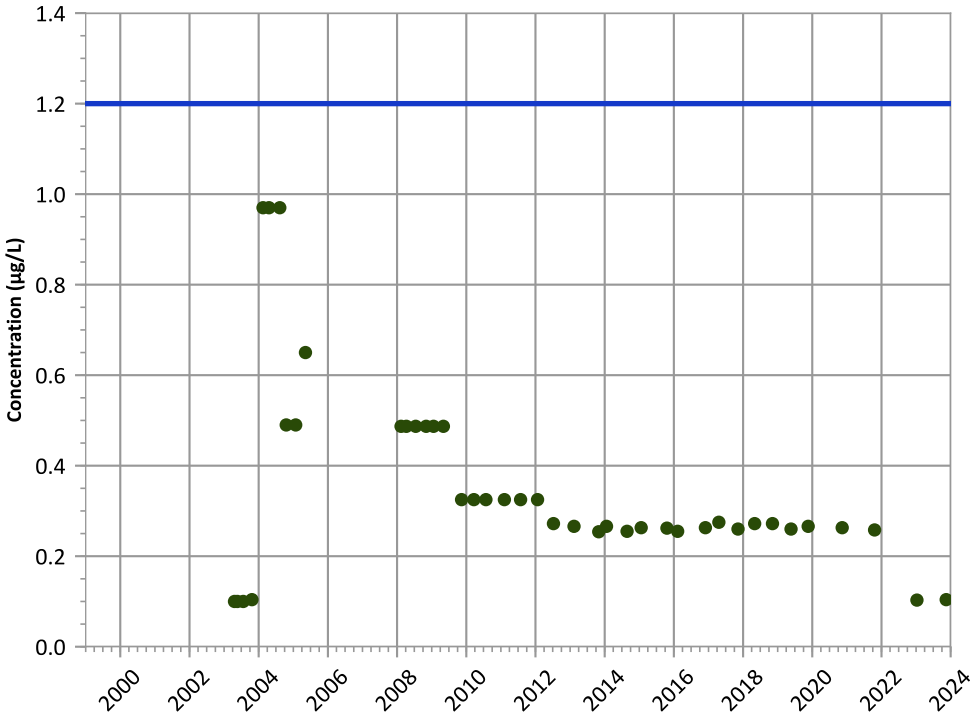


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

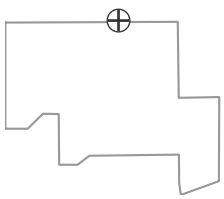
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

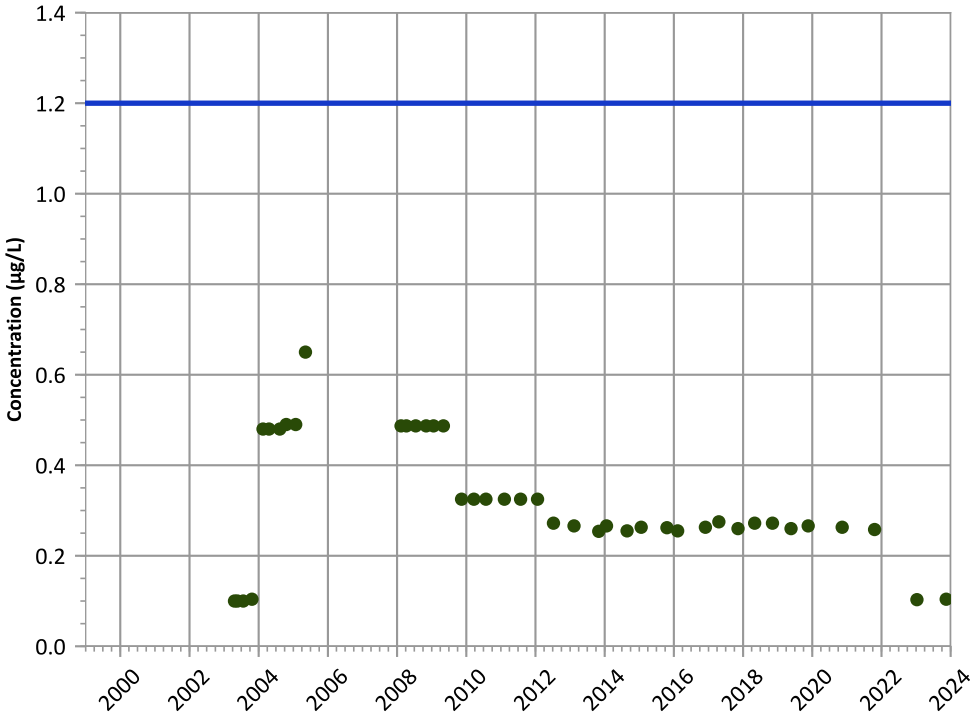
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

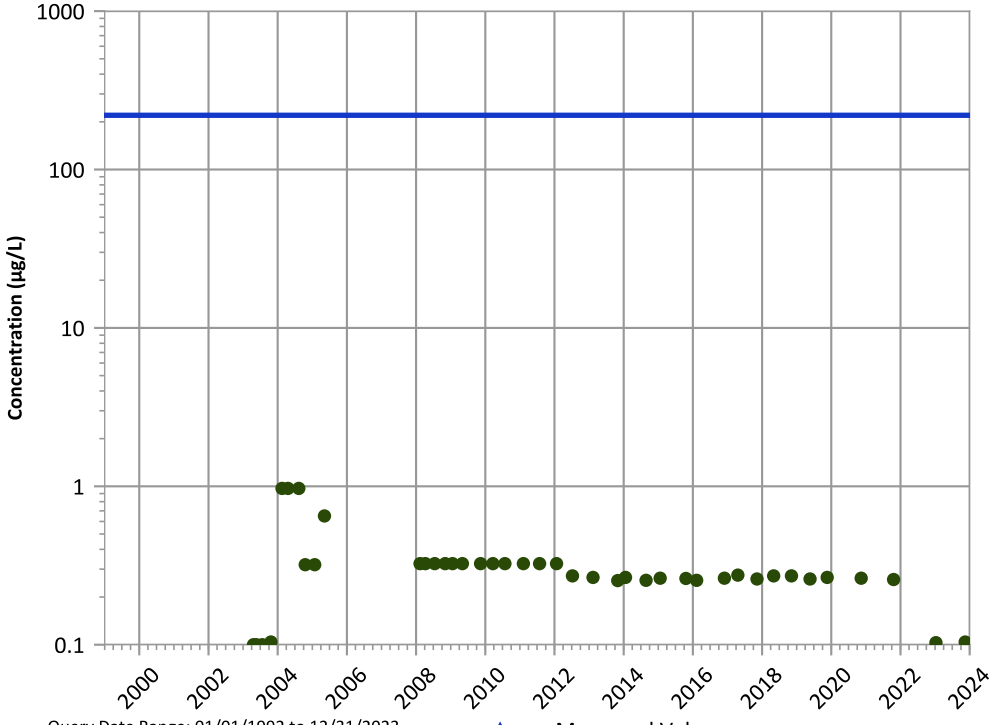


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

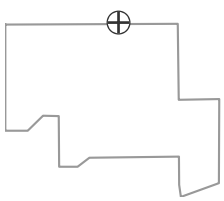
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

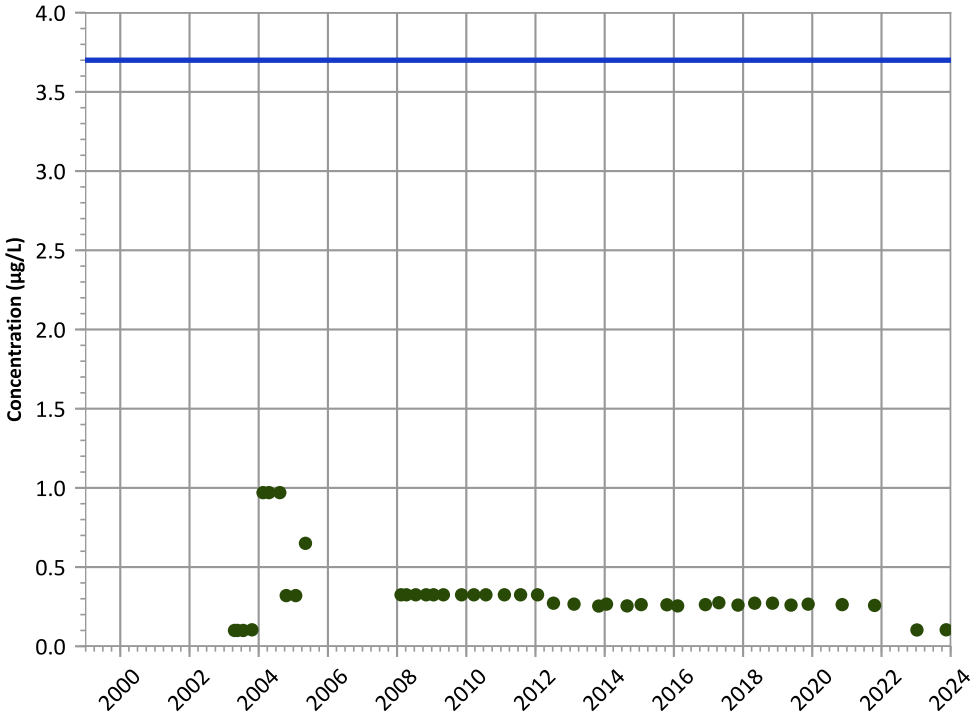
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

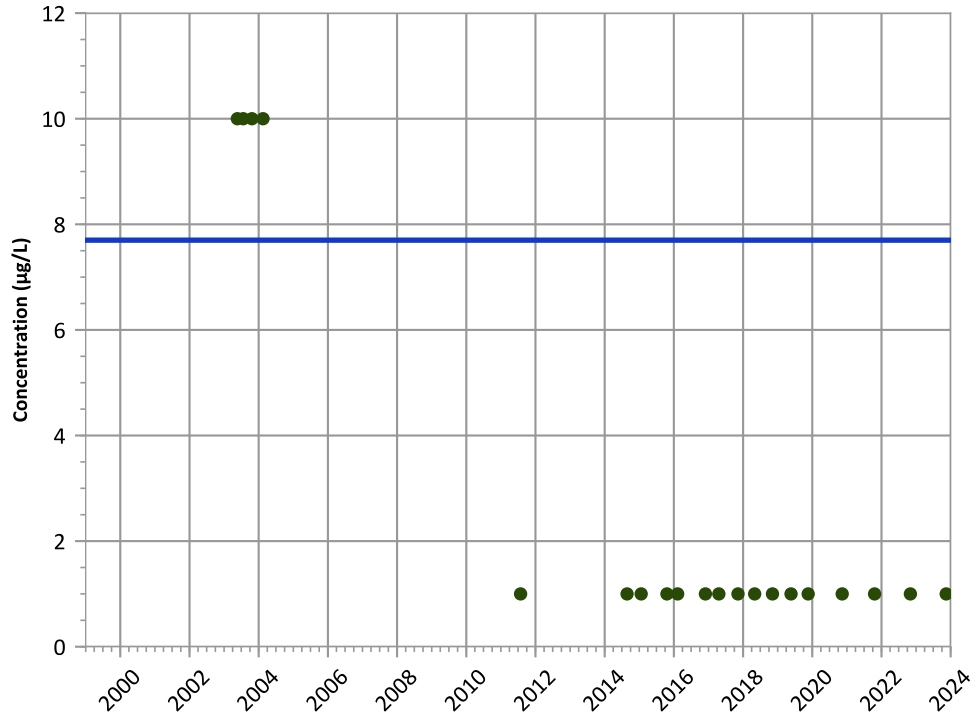


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

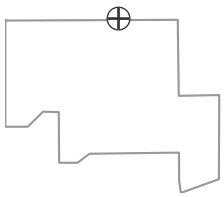


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

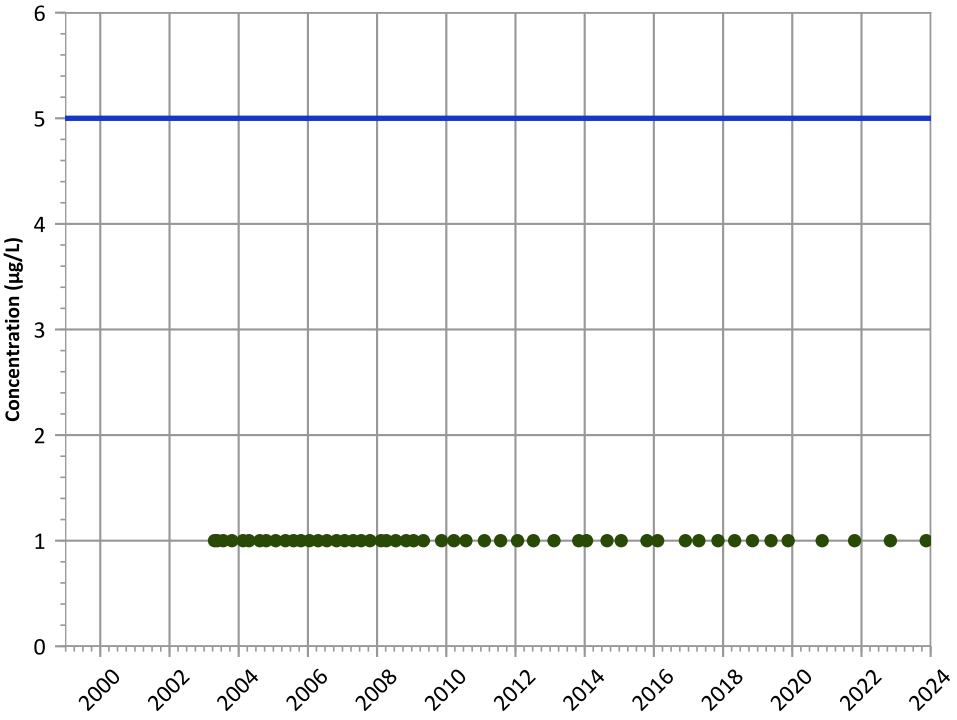


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

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

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

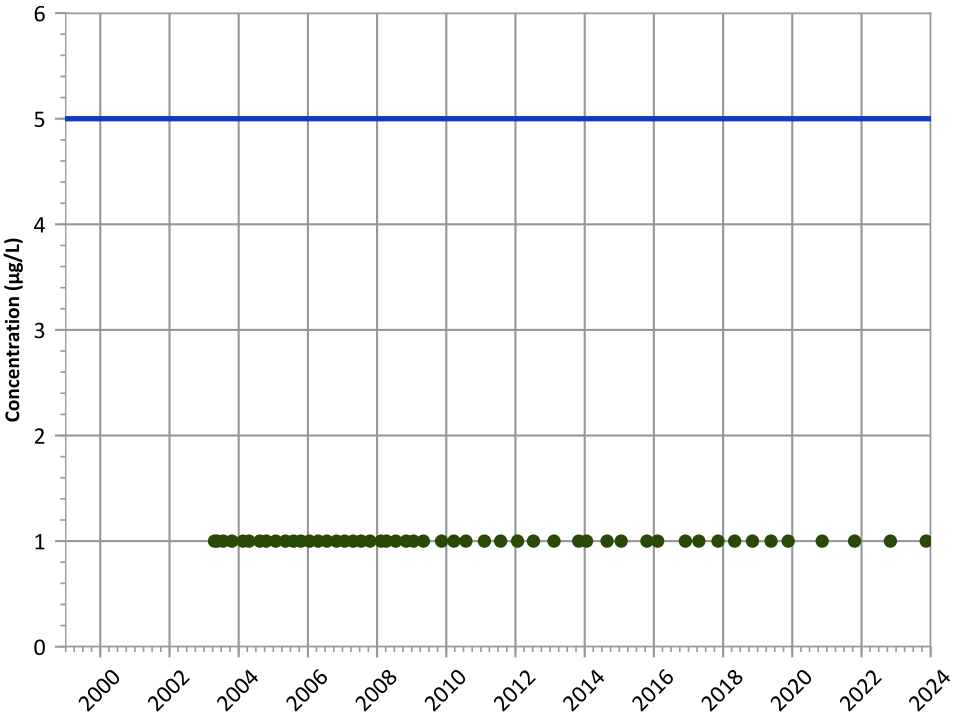


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



Concentration Trend

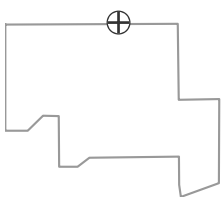
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

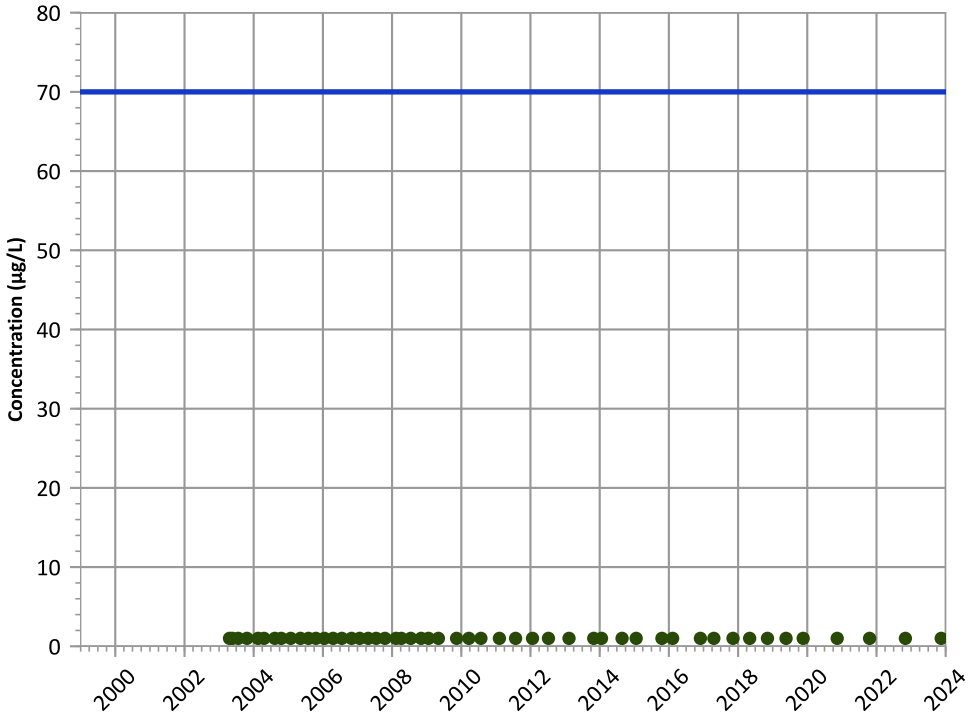
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

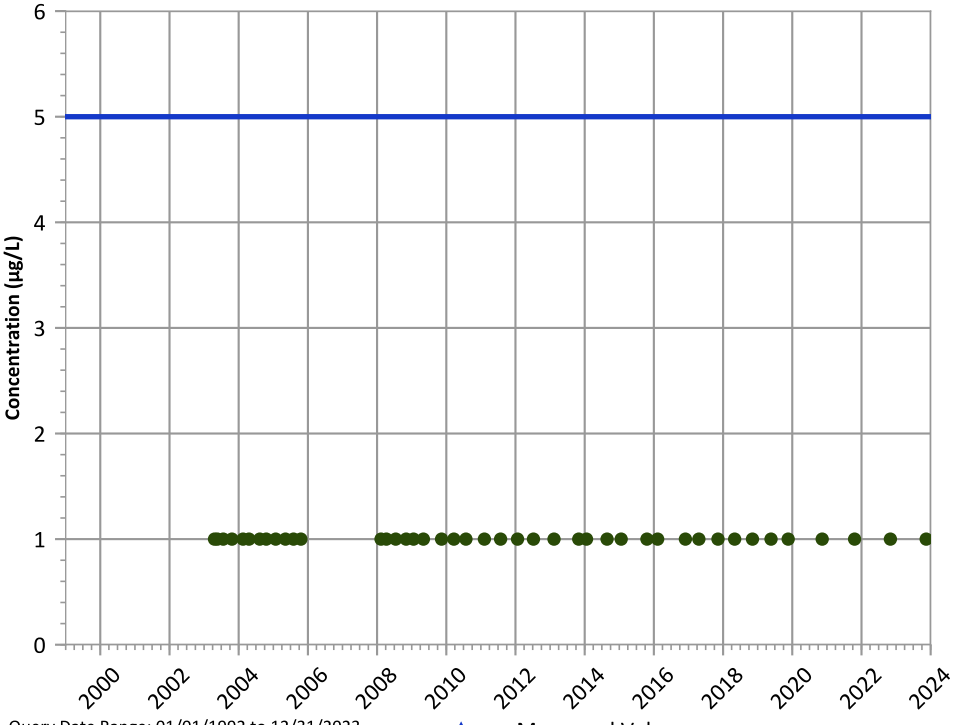


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

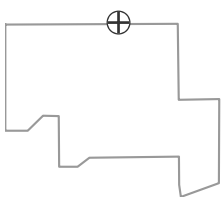
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

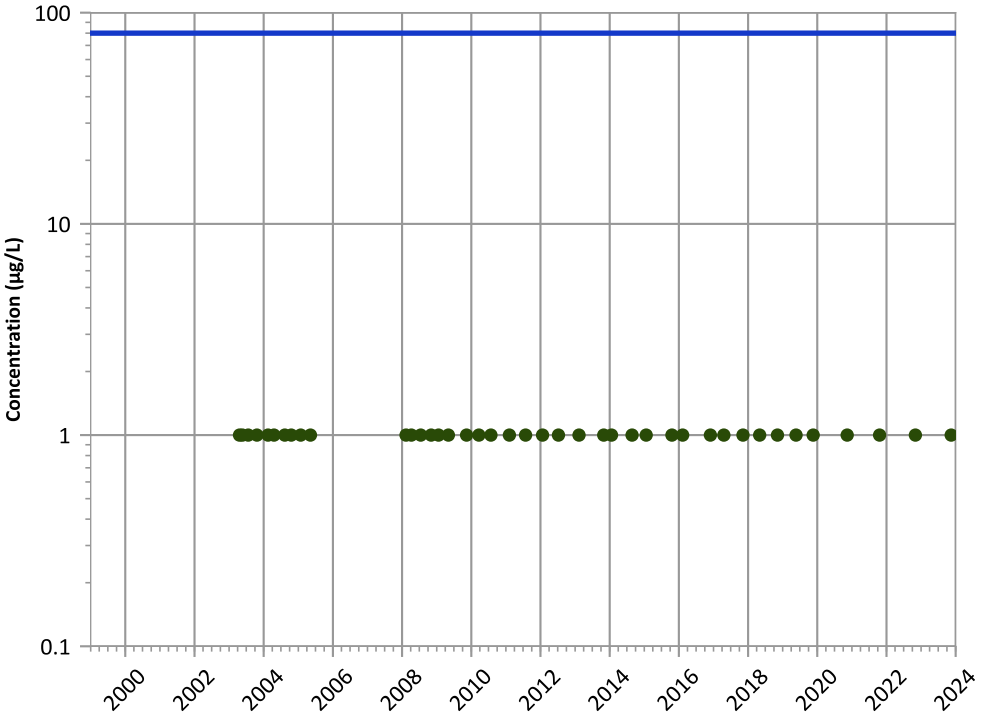
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

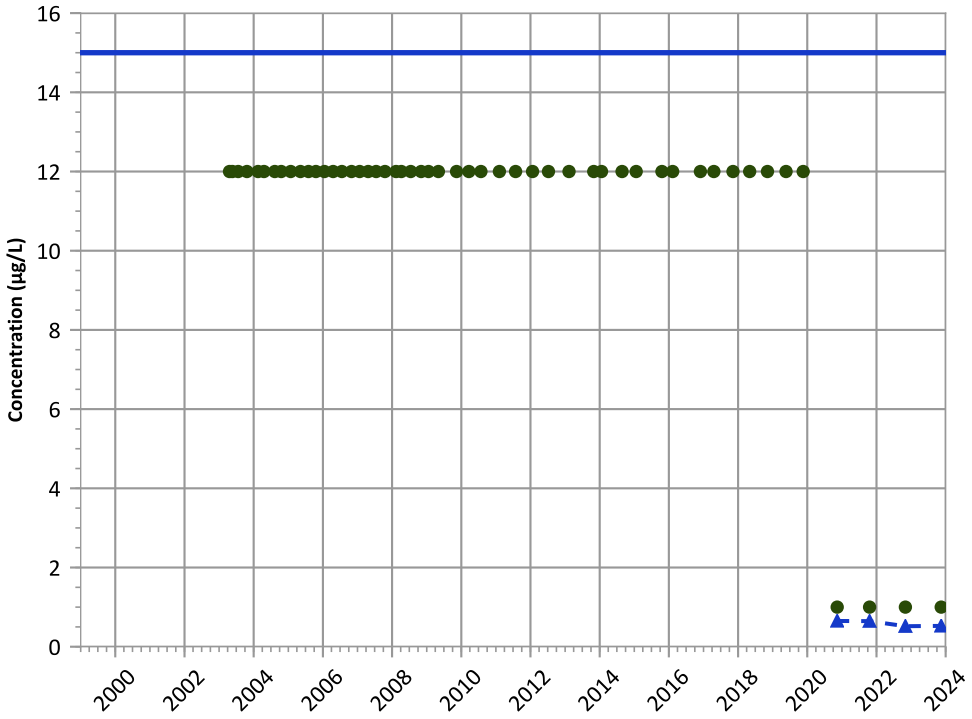


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

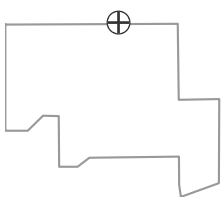
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

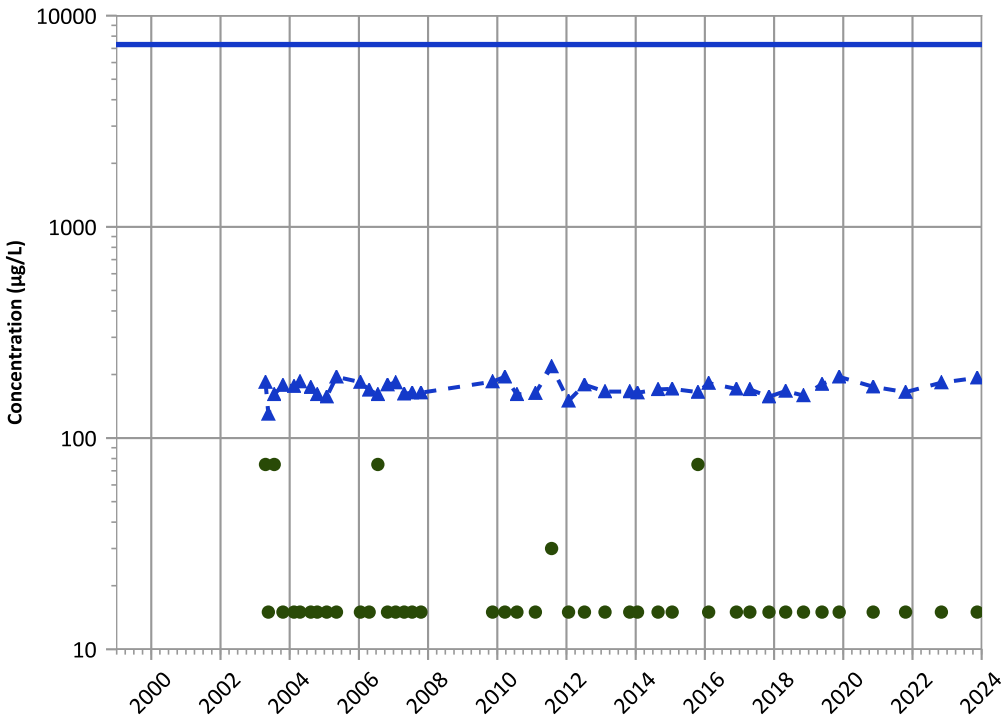
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

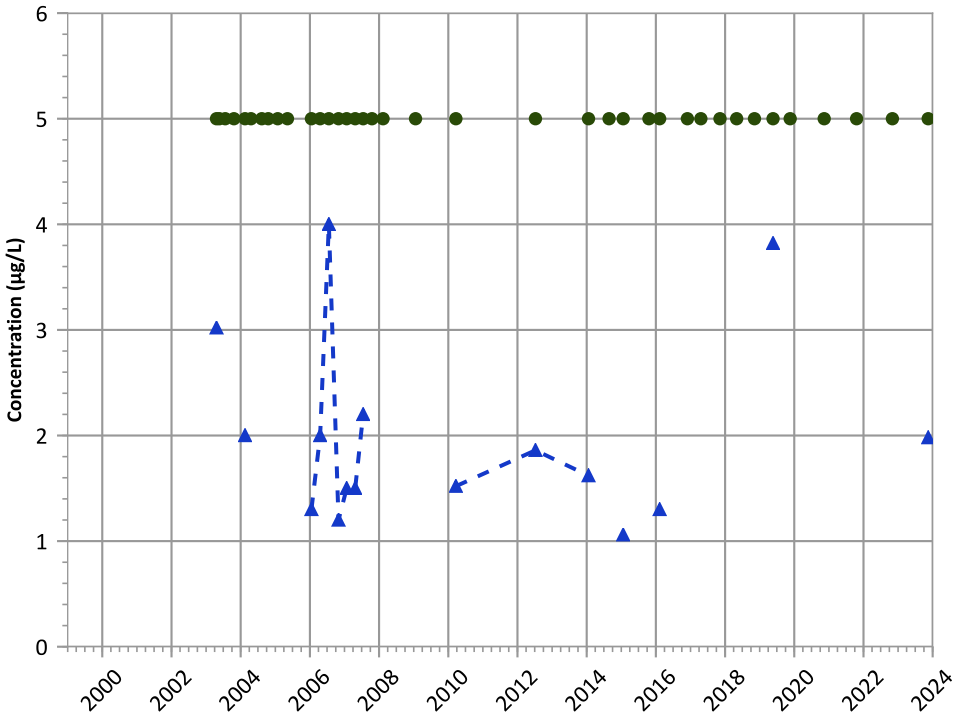


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Increasing

Manganese Trend



Concentration Trend

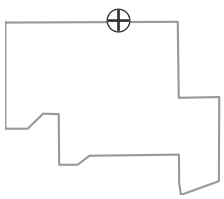
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

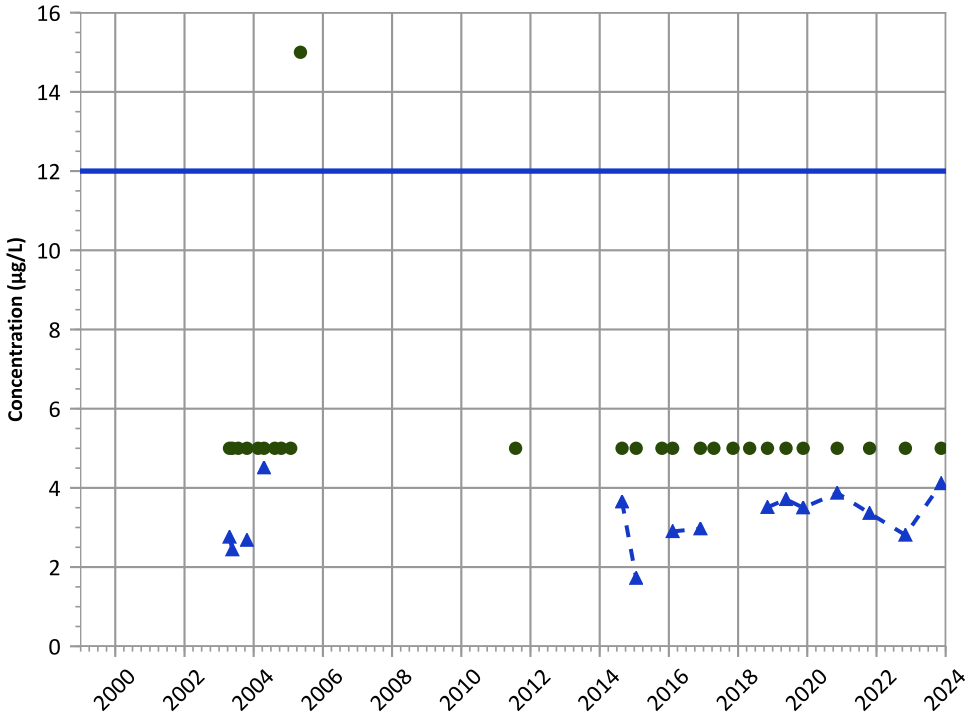
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

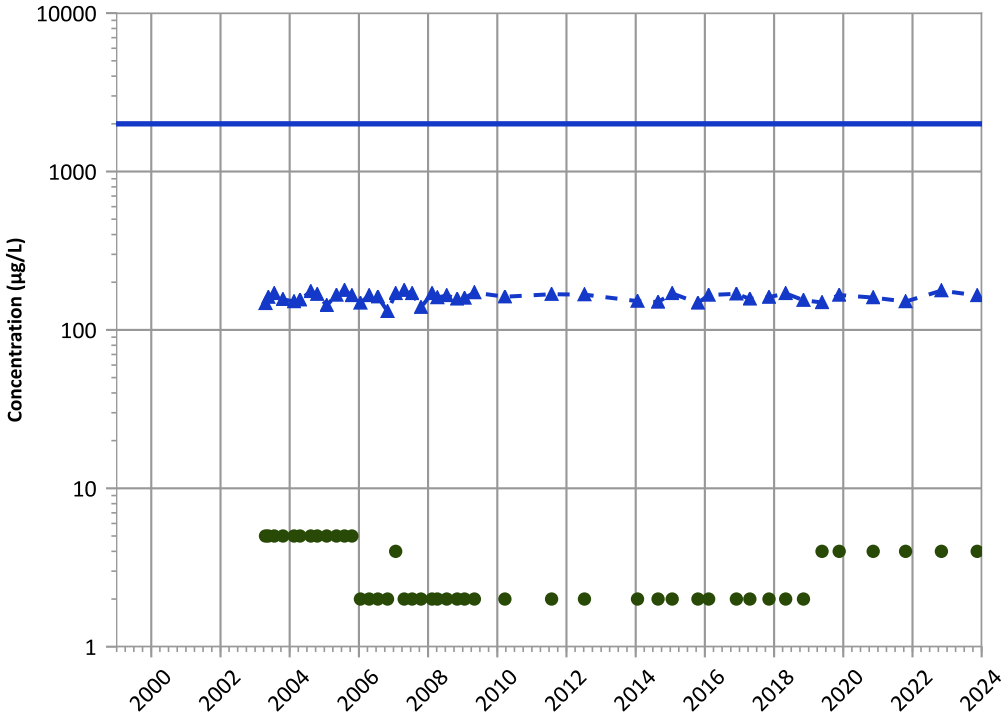


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Barium Trend



Concentration Trend

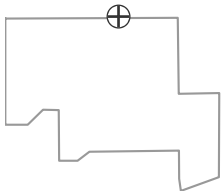
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

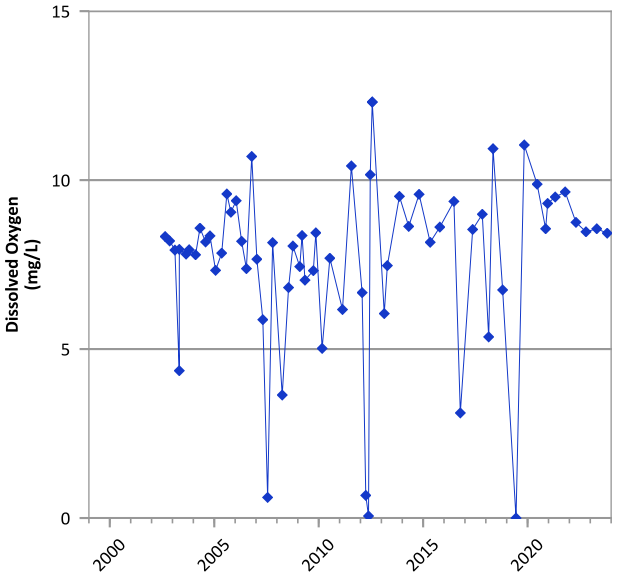
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 04/21/2003 to 11/15/2023
Analysis Date: 03/29/2024

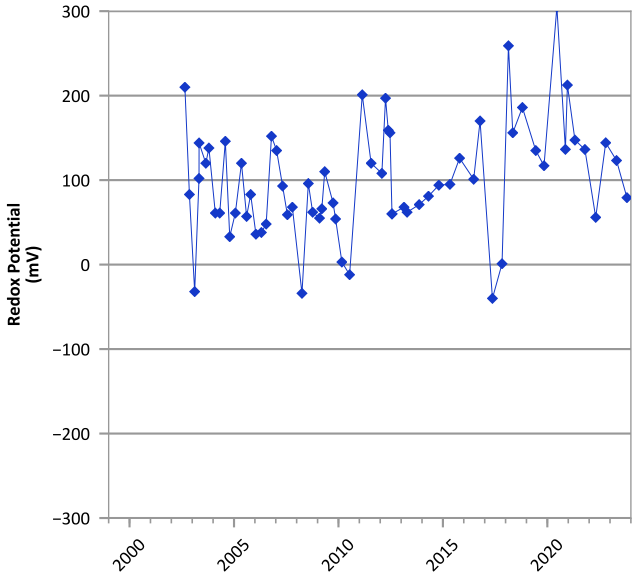
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

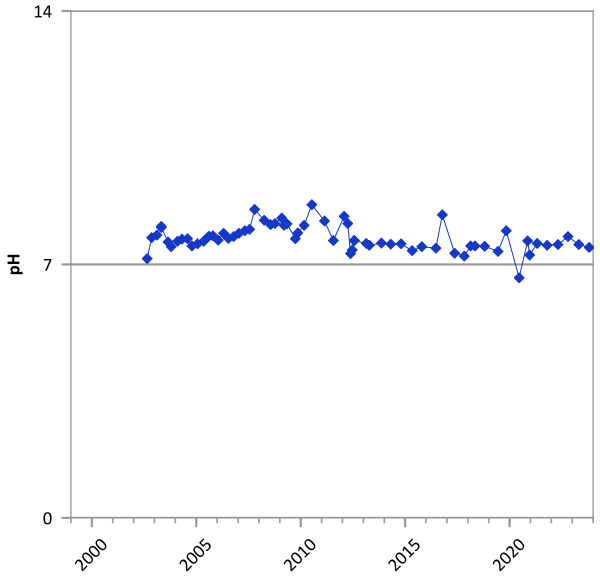
Well Location

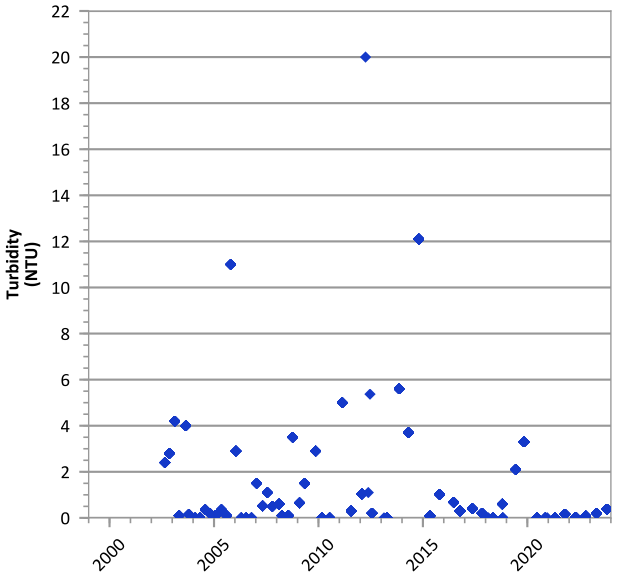


PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

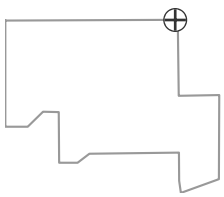






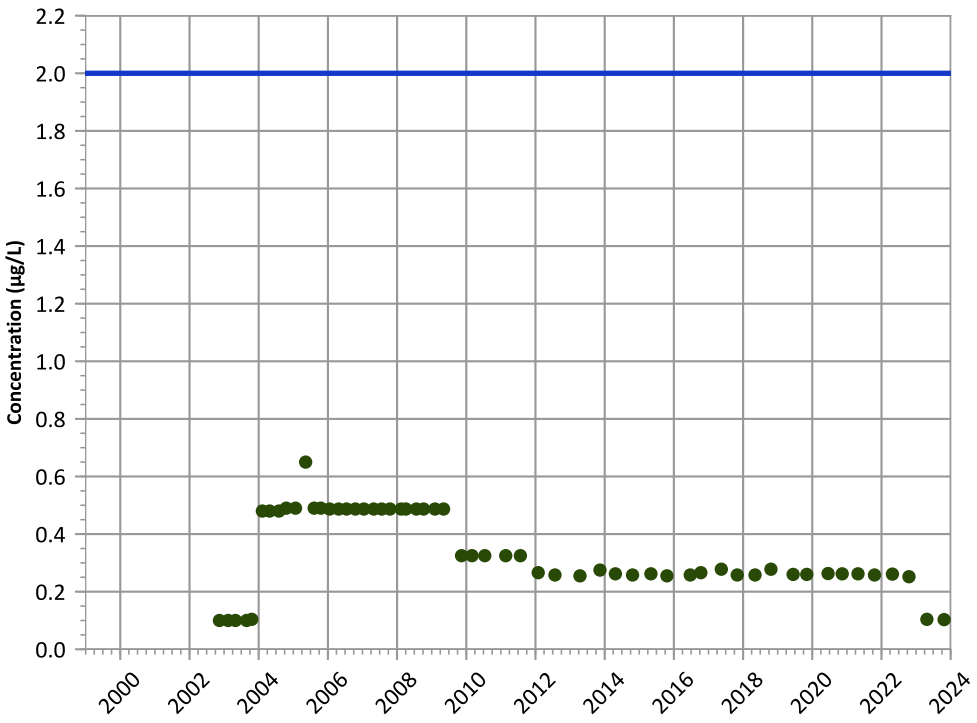


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

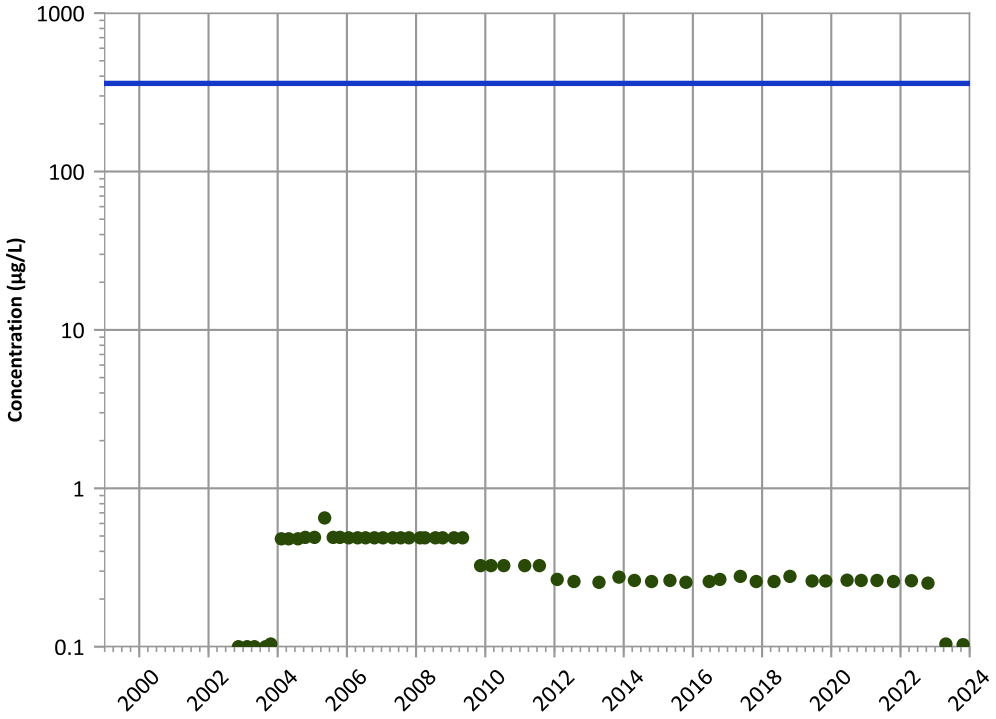


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

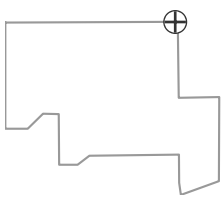
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

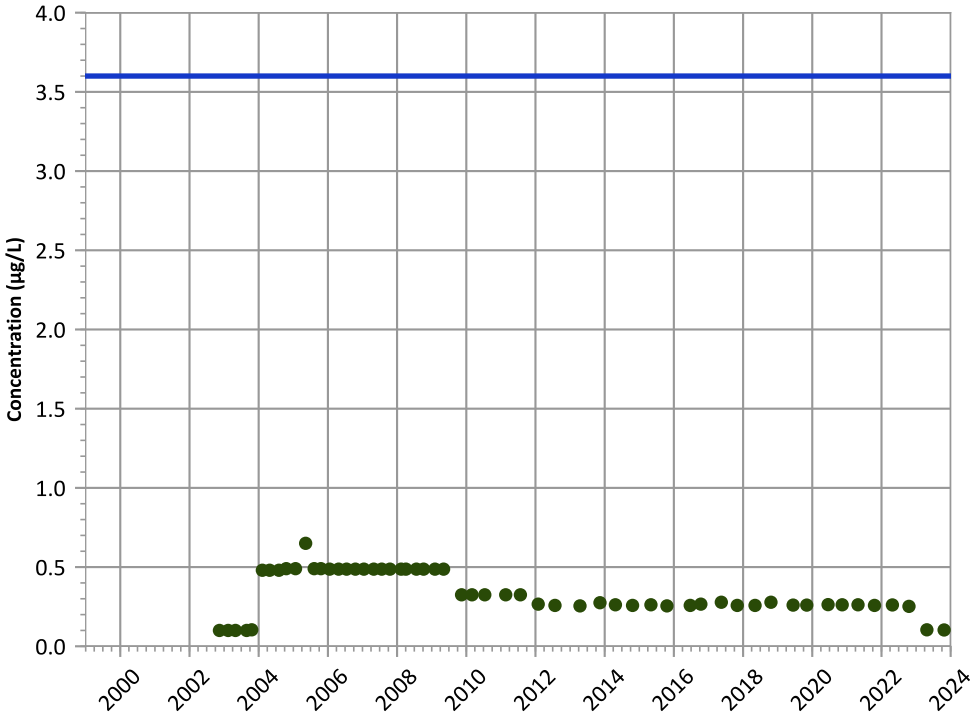
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

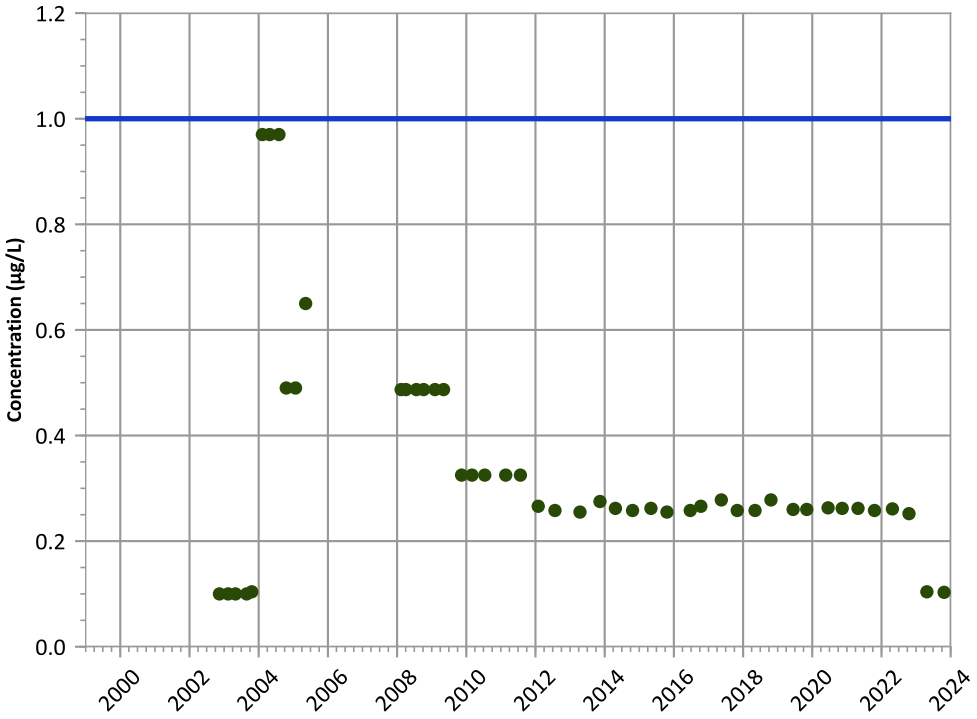
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



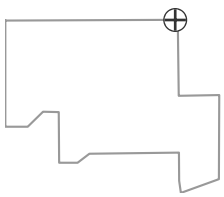
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

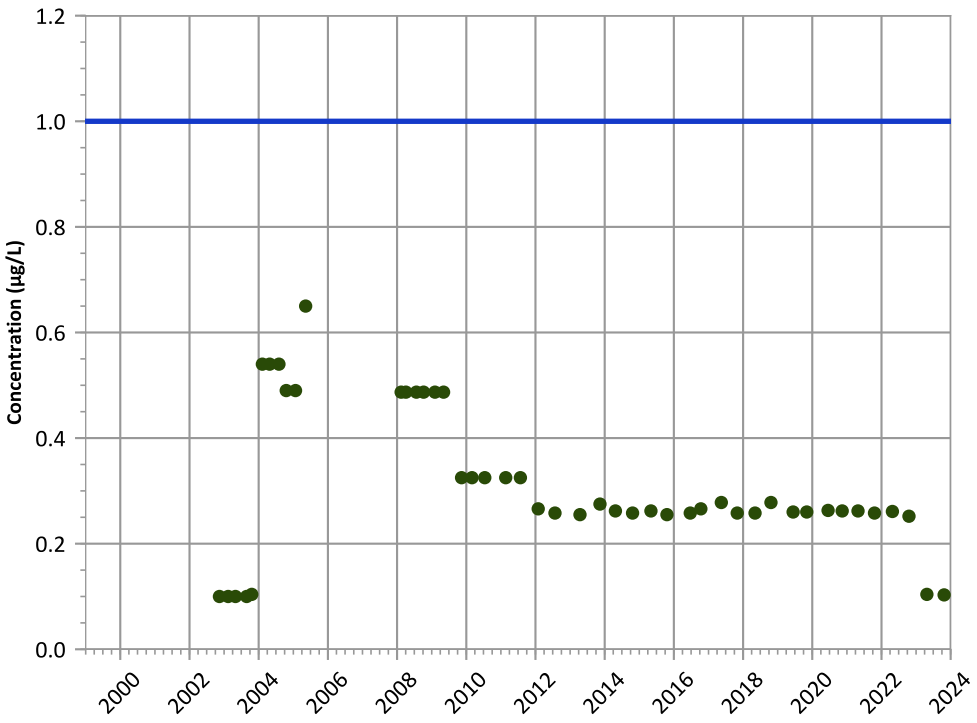
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

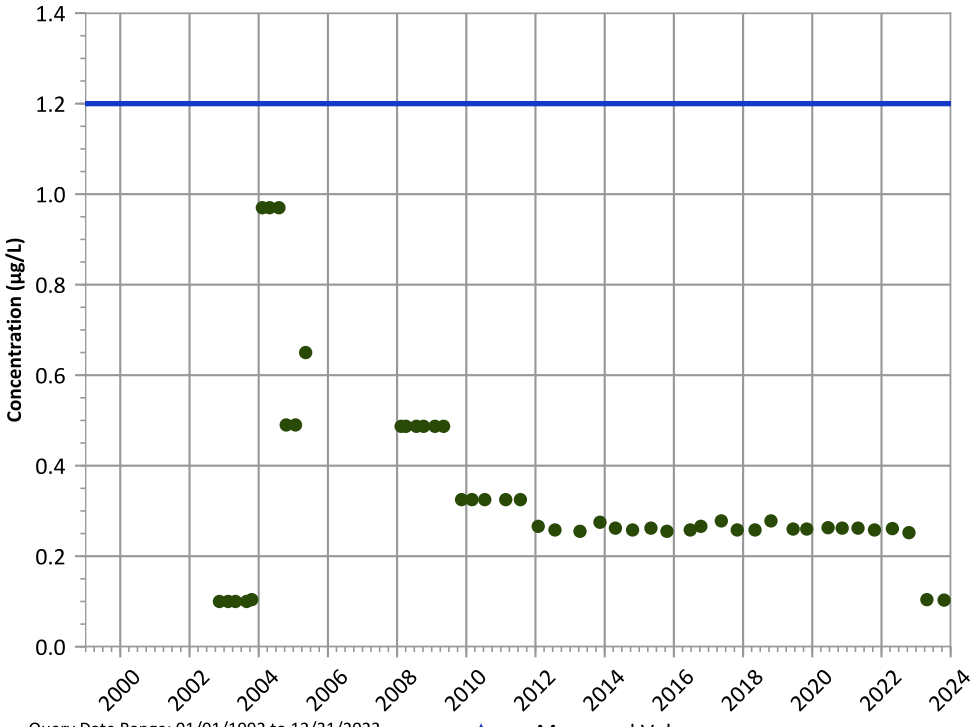


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

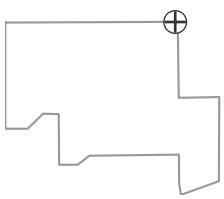
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

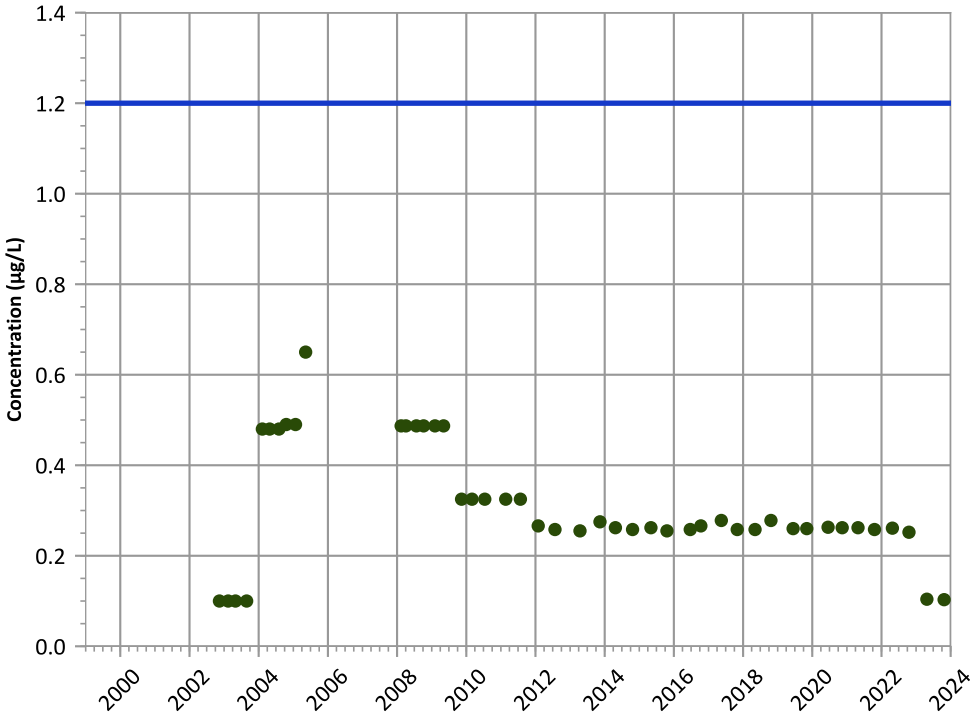
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

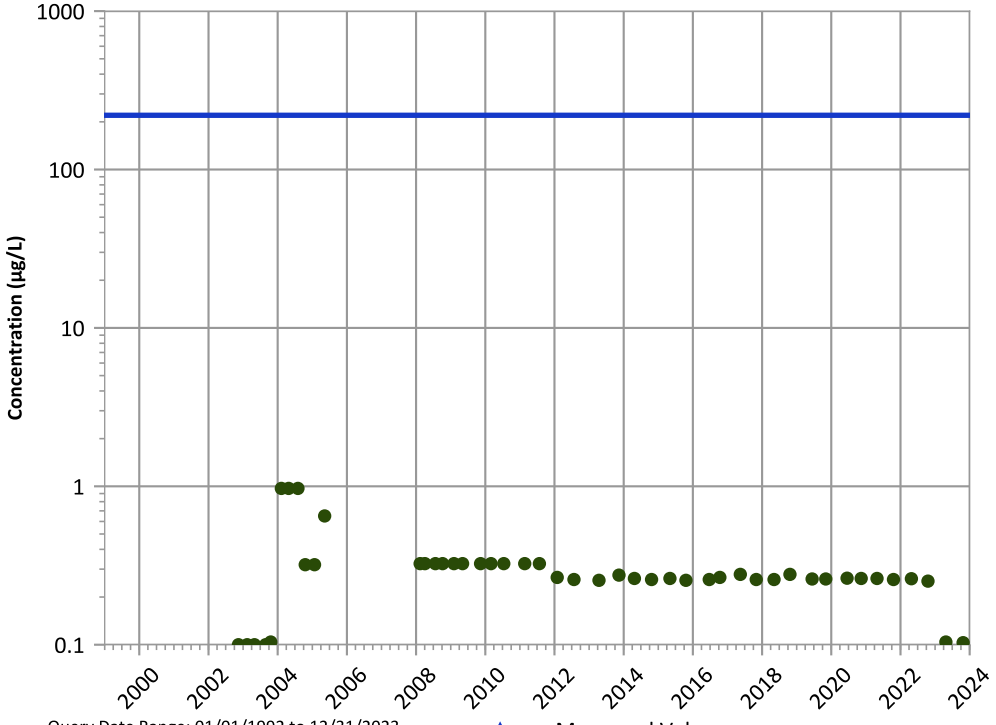


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

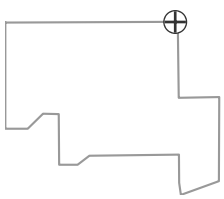
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

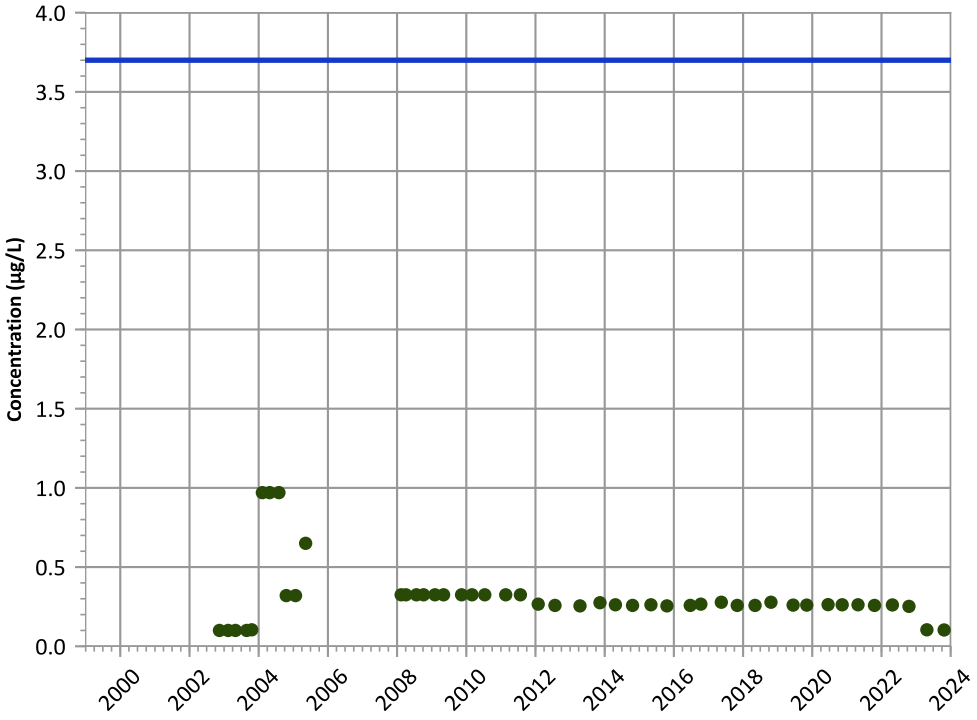
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

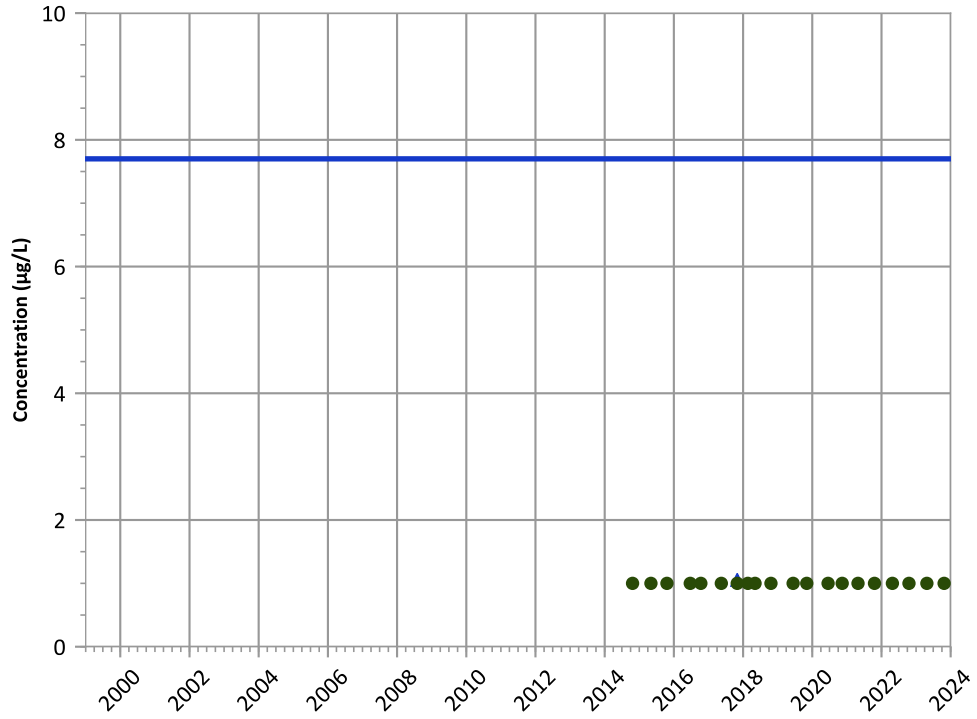


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

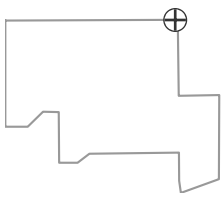
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

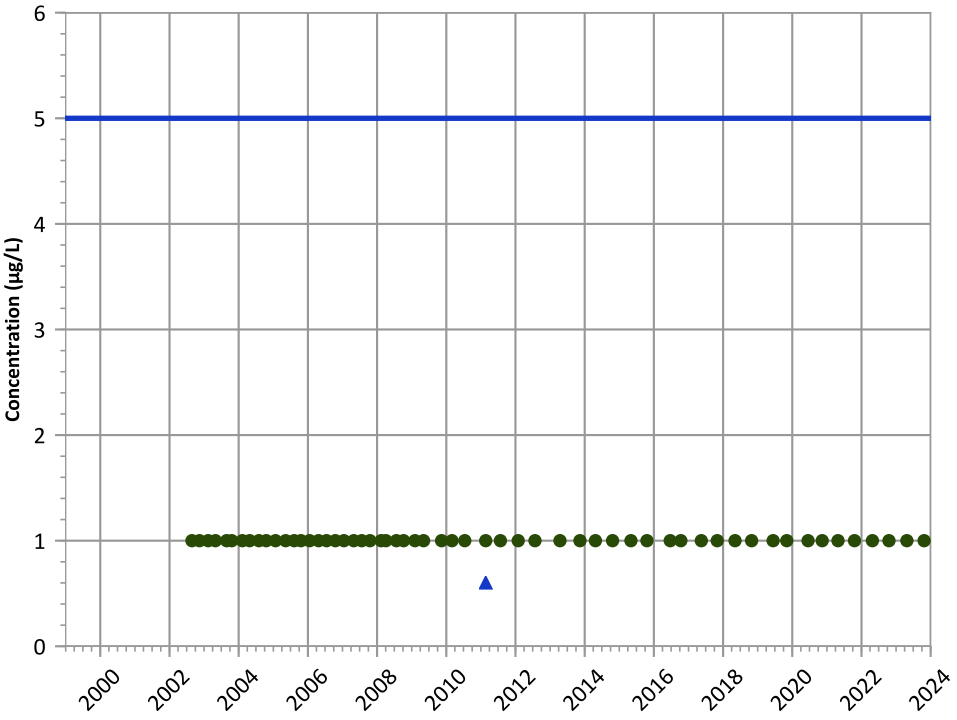
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

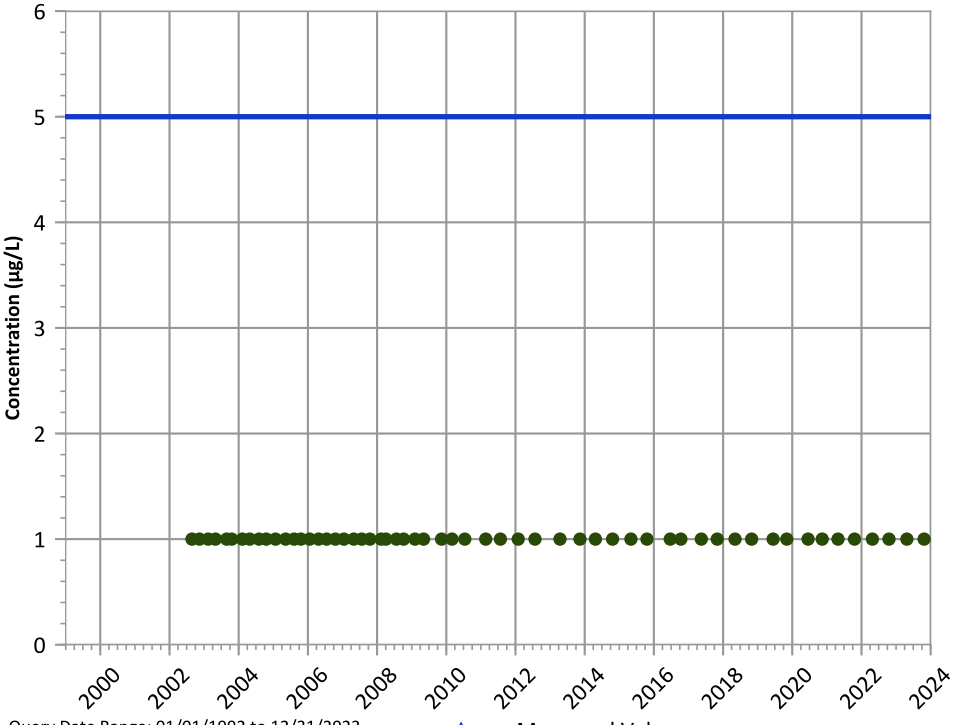


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

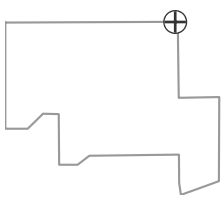
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

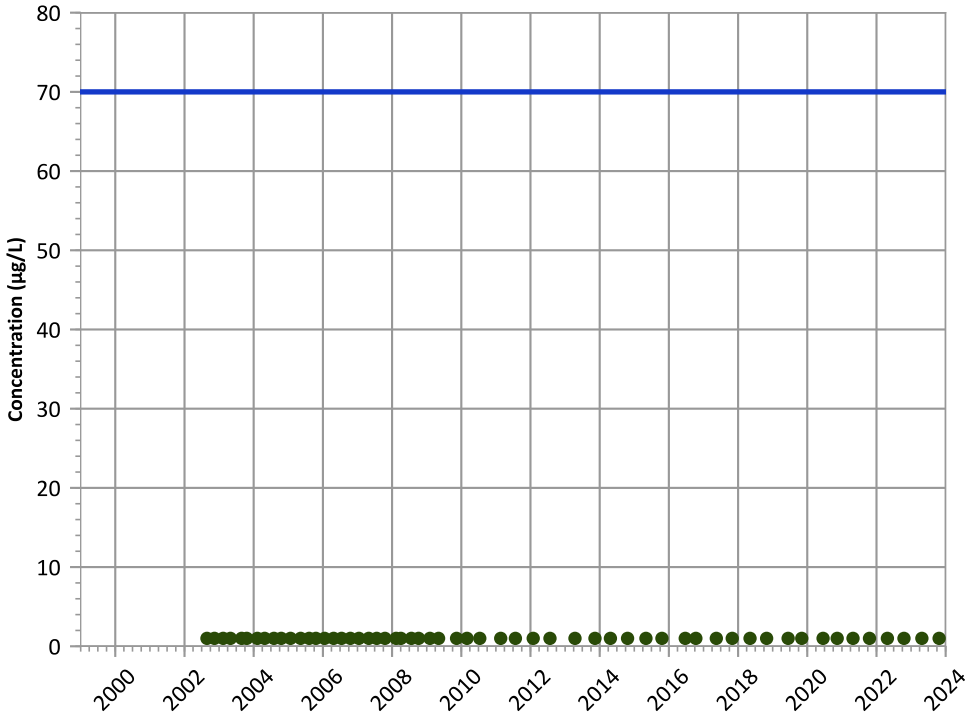
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

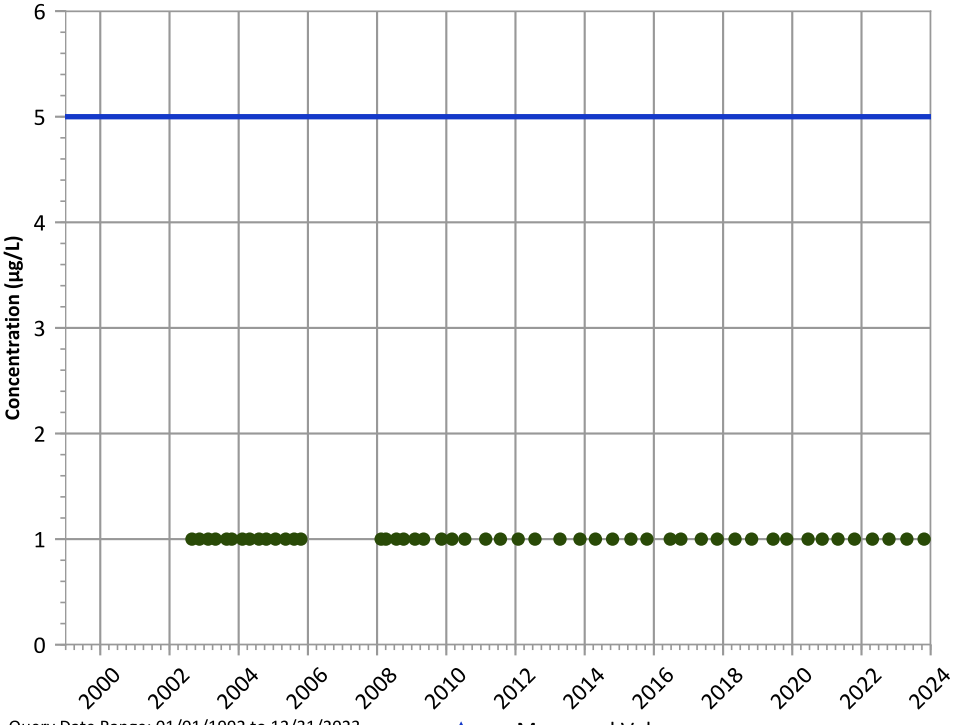


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

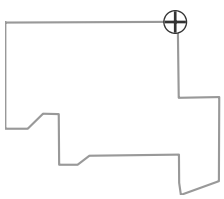
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

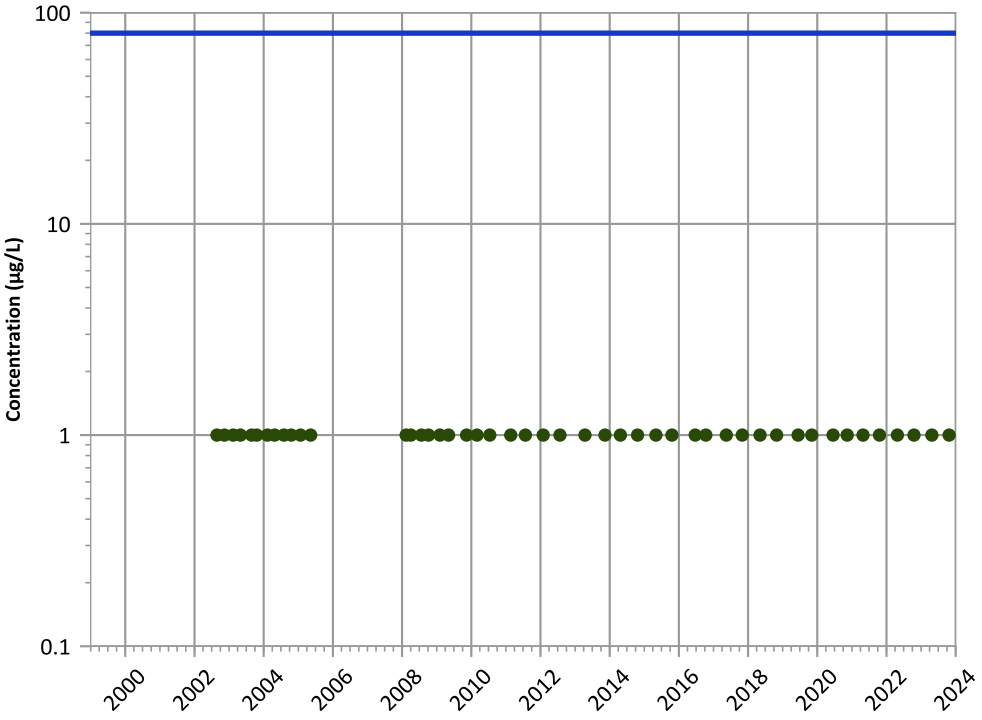
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

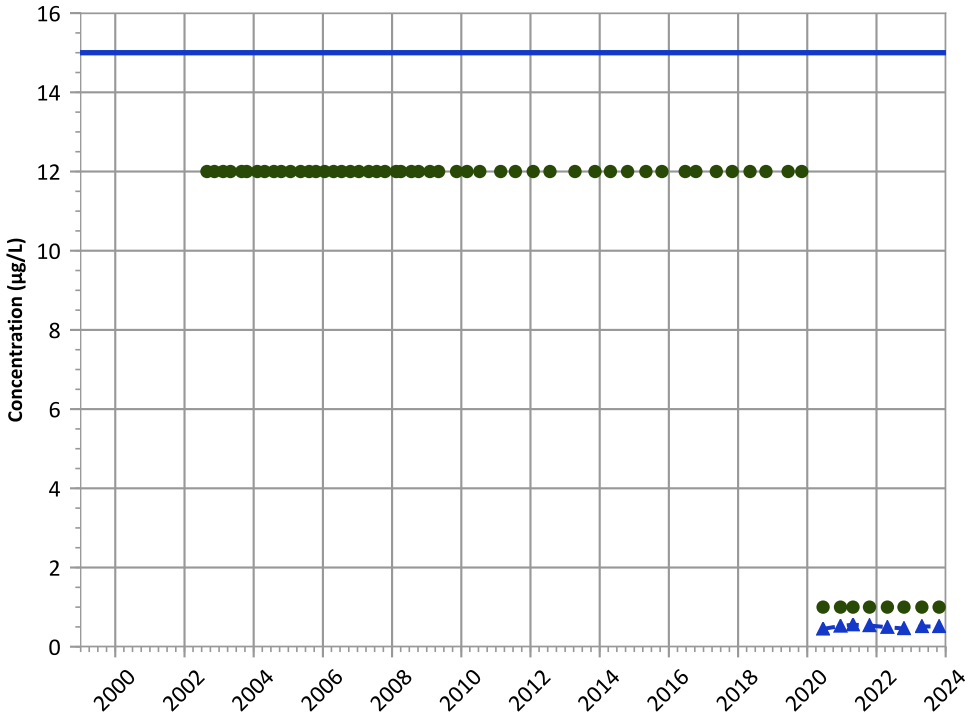
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



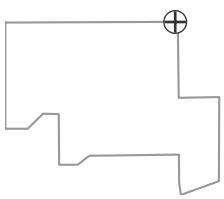
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

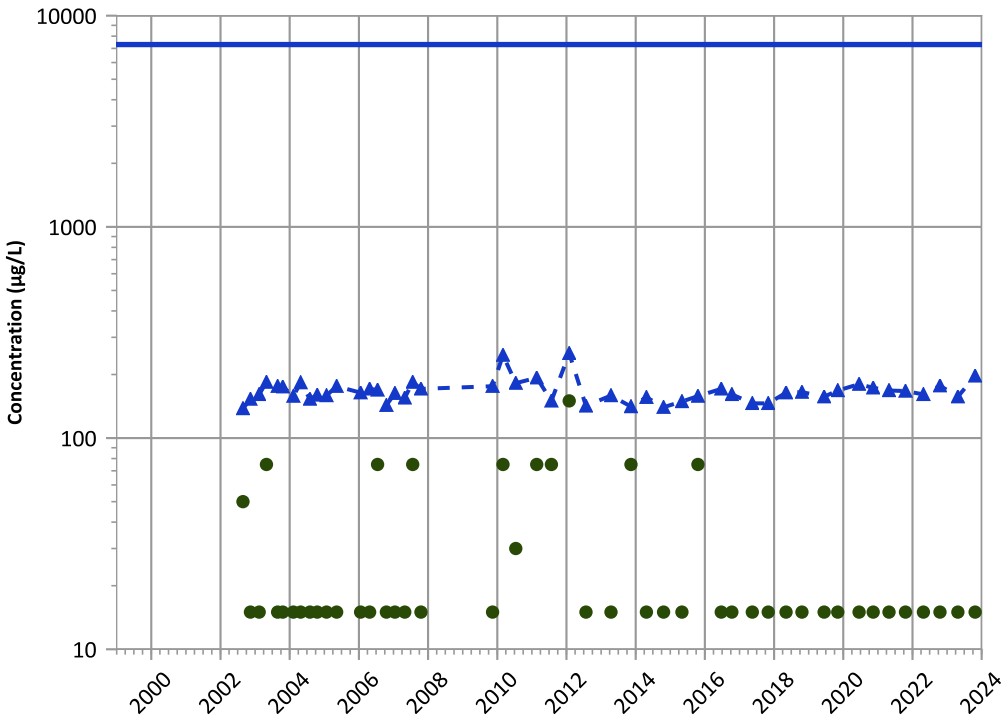
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

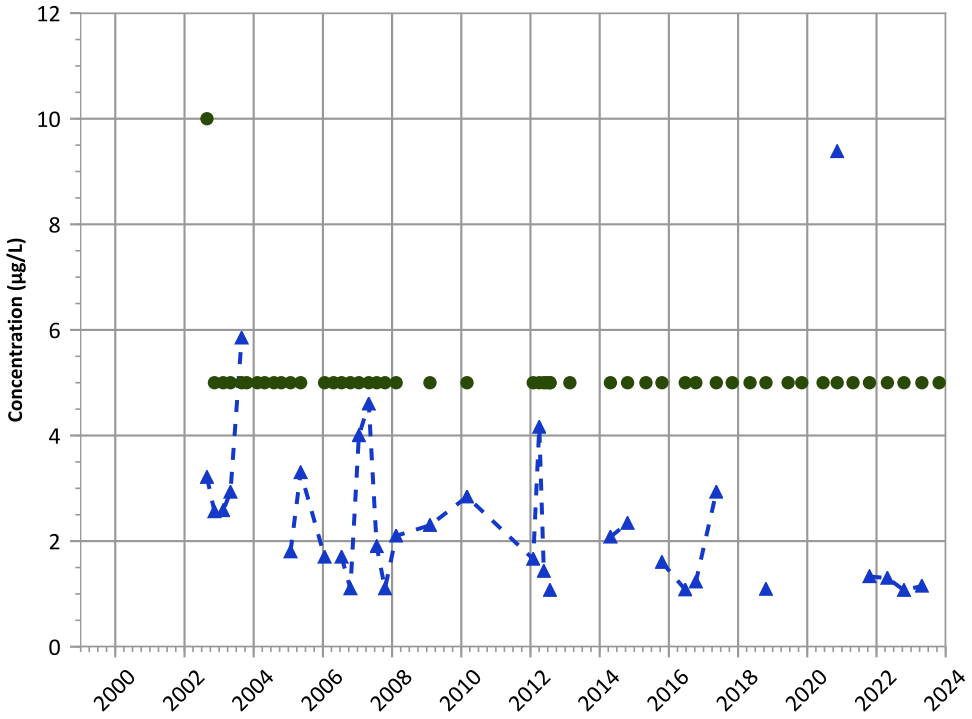


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Manganese Trend



Concentration Trend

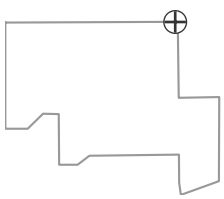
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

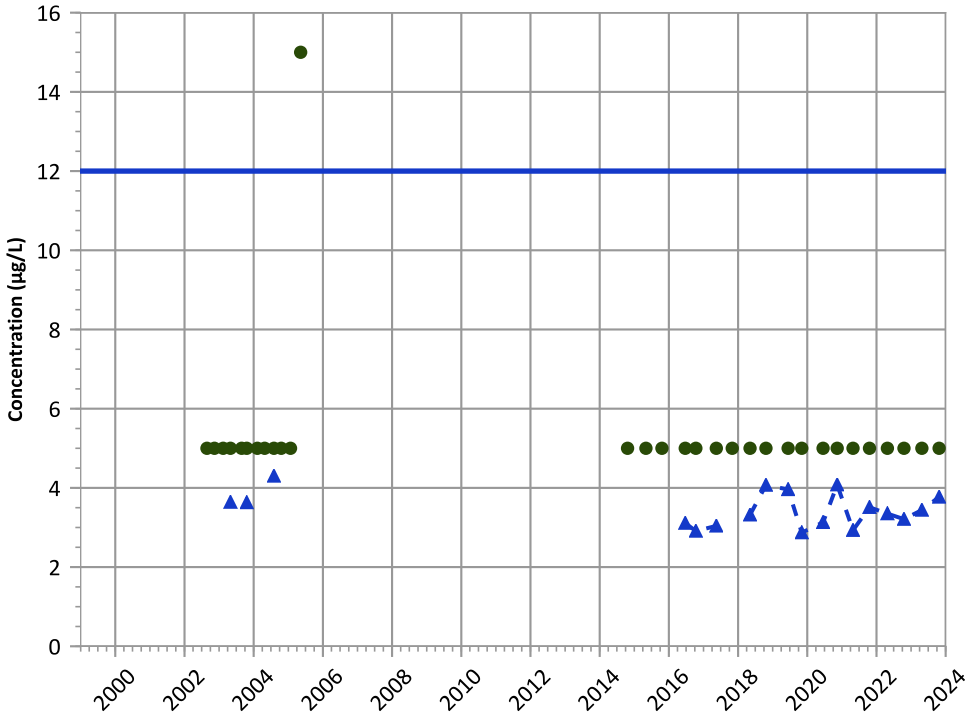
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

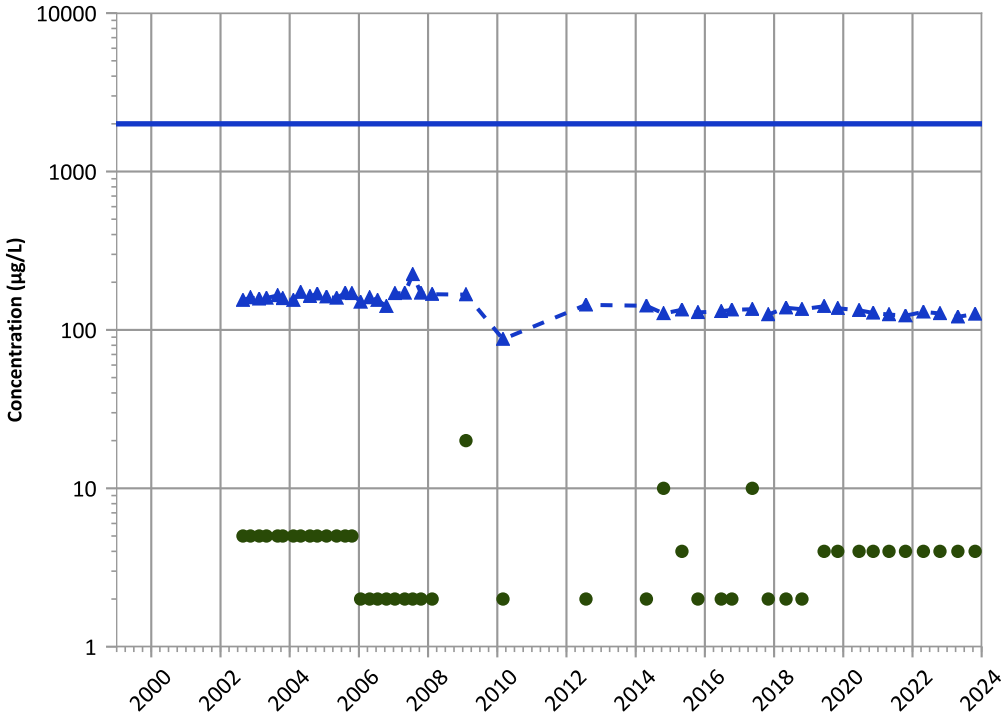


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

Barium Trend



Concentration Trend

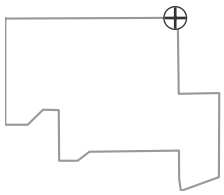
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

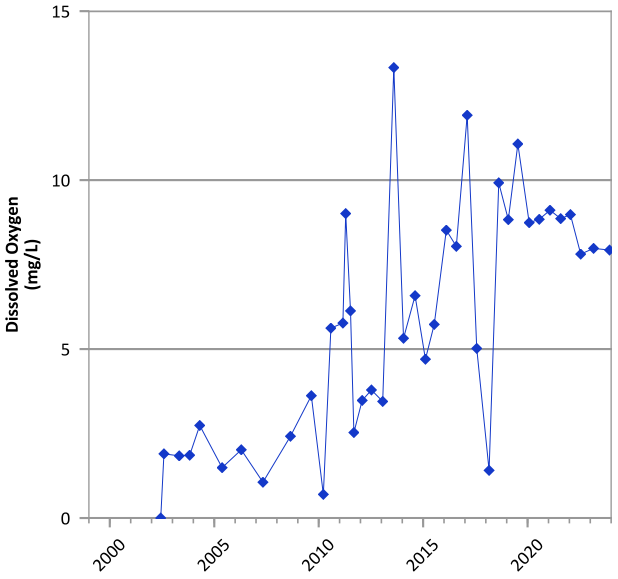
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 08/26/2002 to 10/24/2023
Analysis Date: 03/29/2024

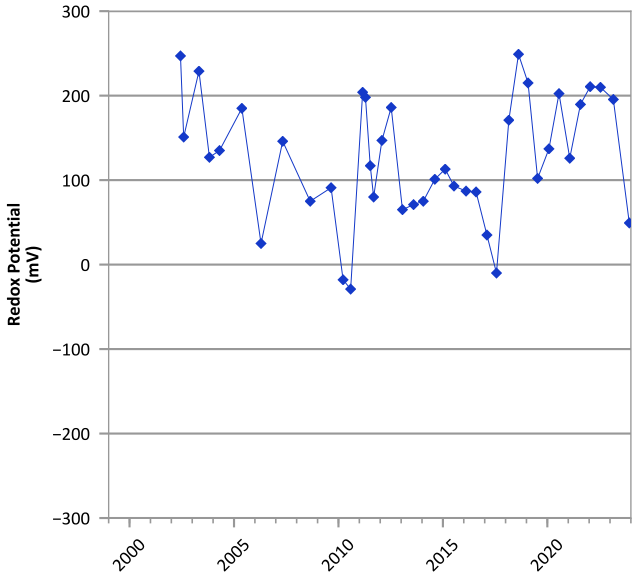
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

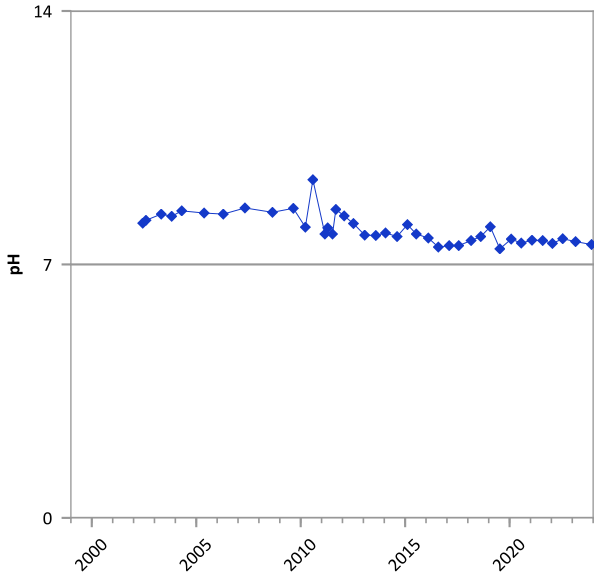
Well Location

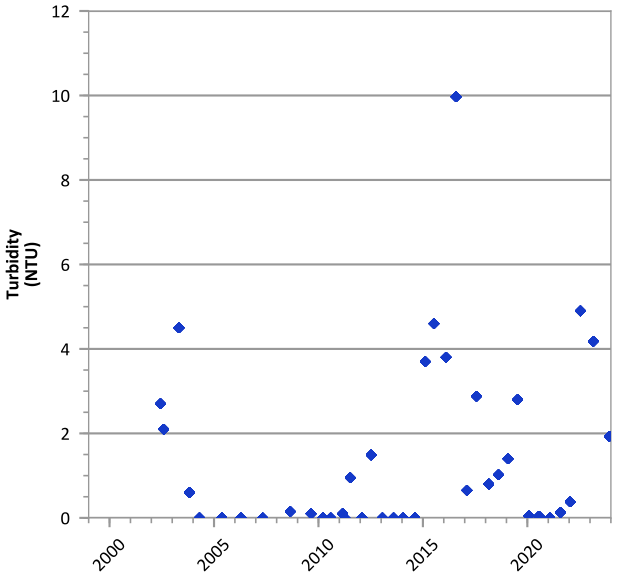


PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

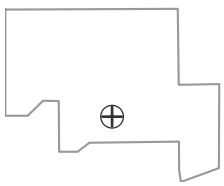






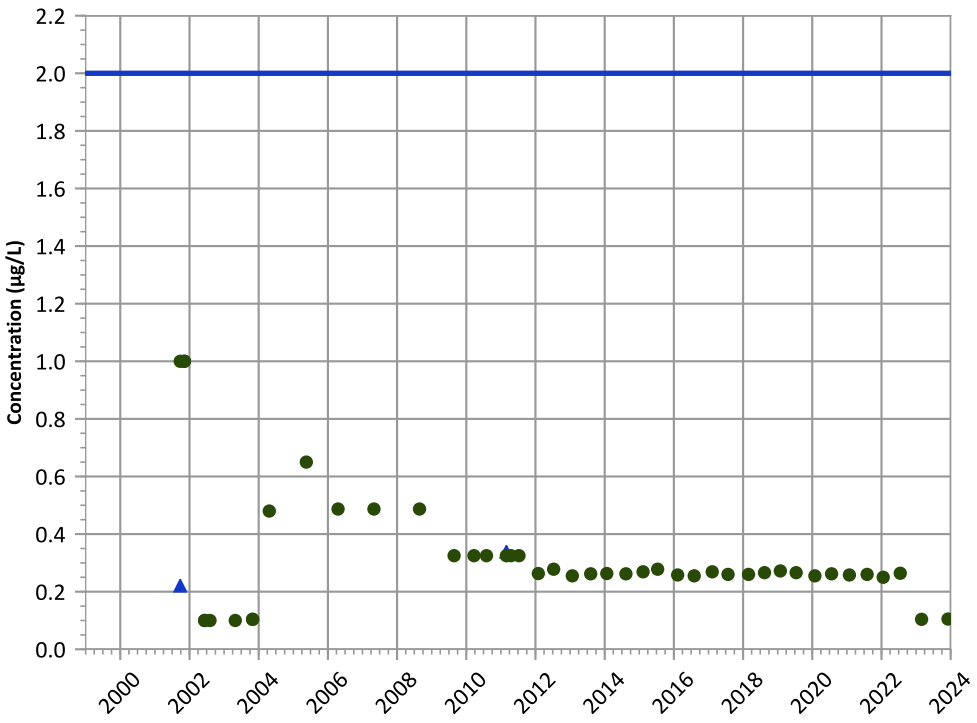


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

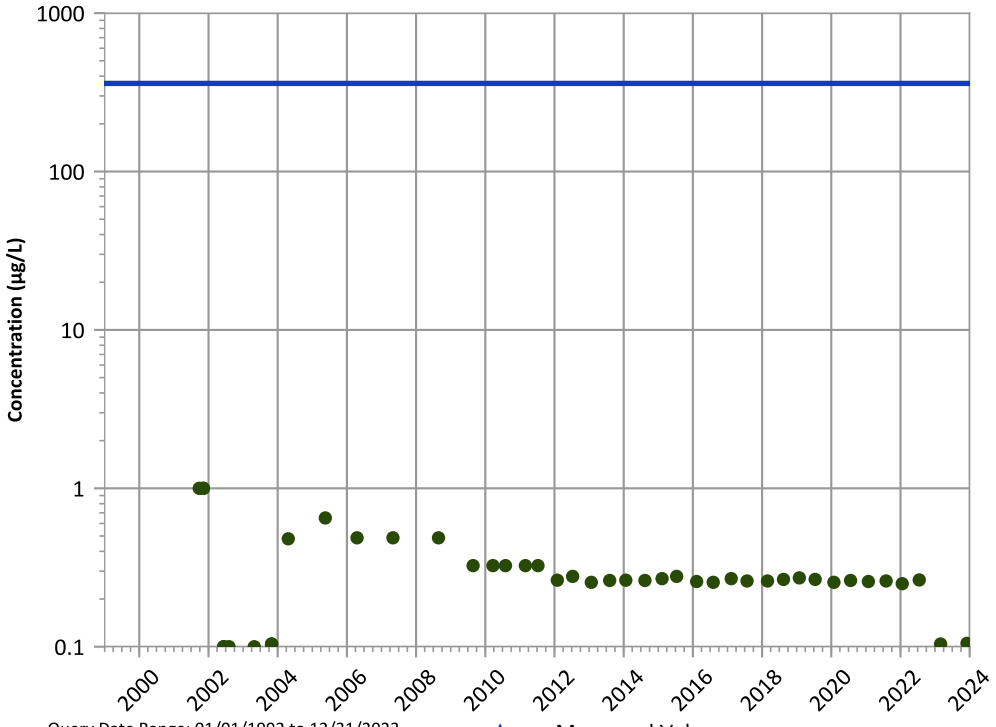


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

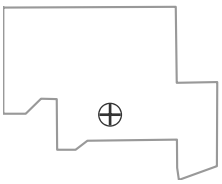


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

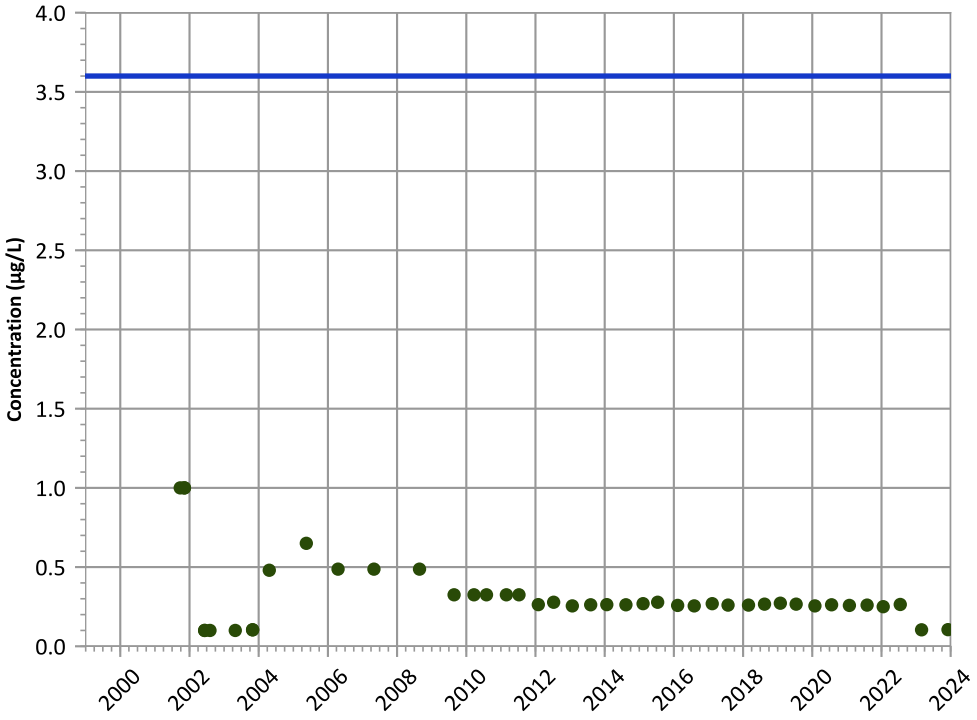


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

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

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

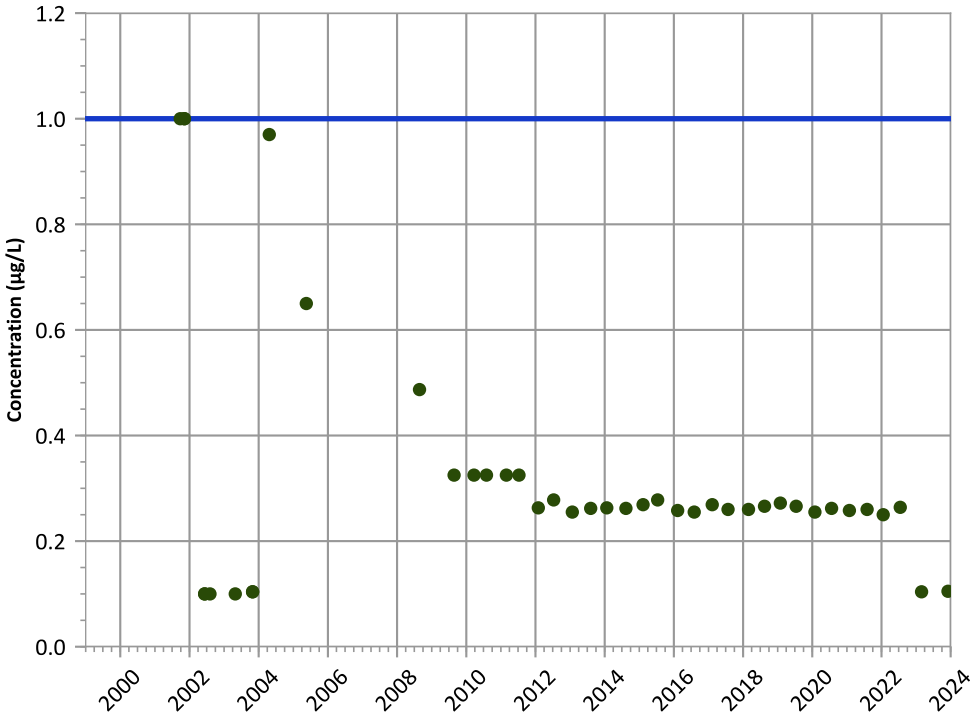


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

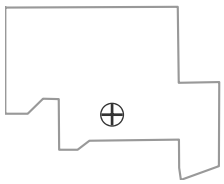
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

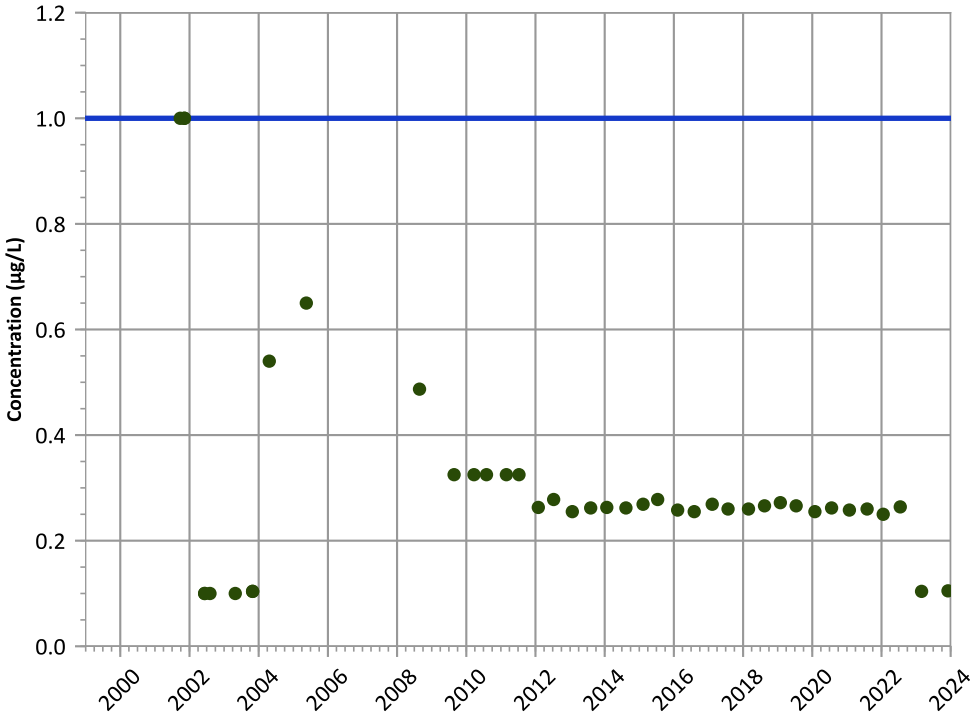
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

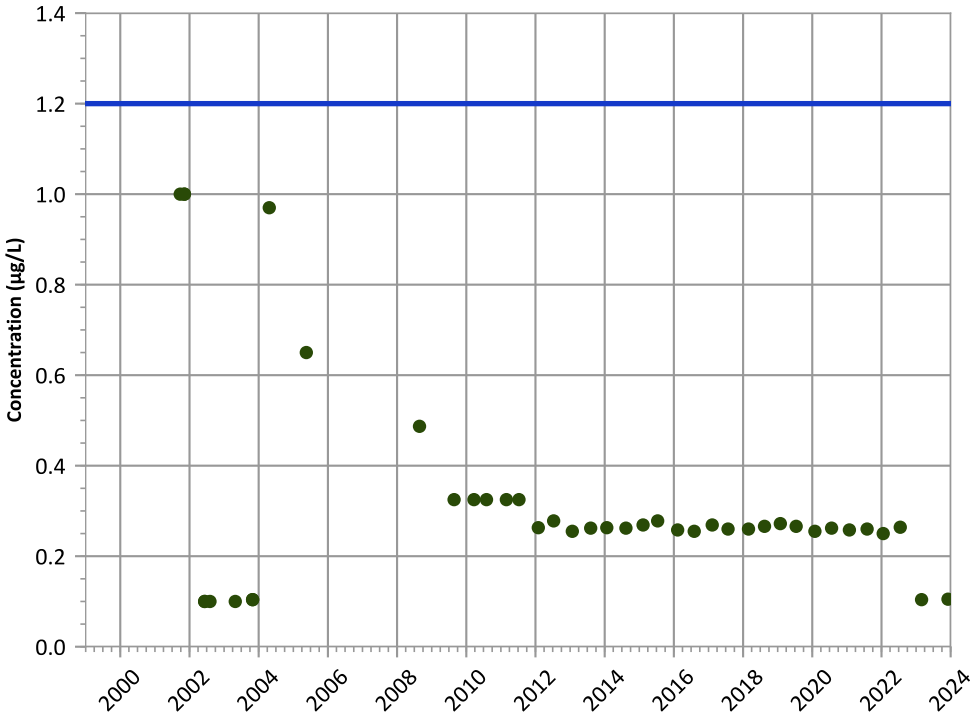
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



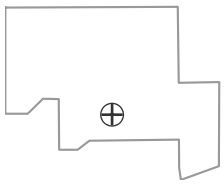
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

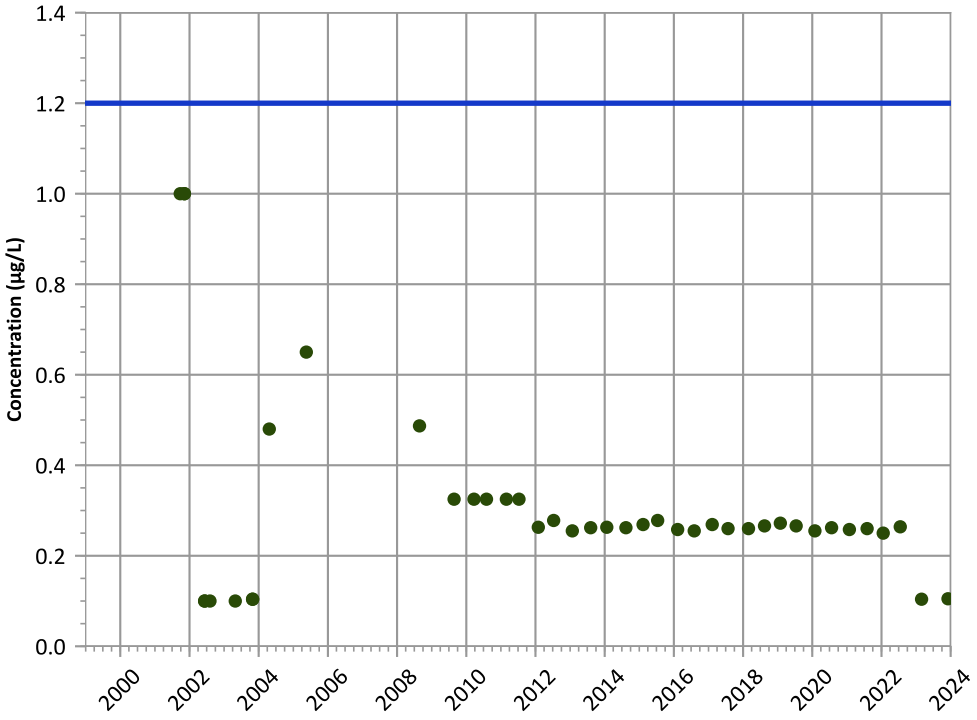
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

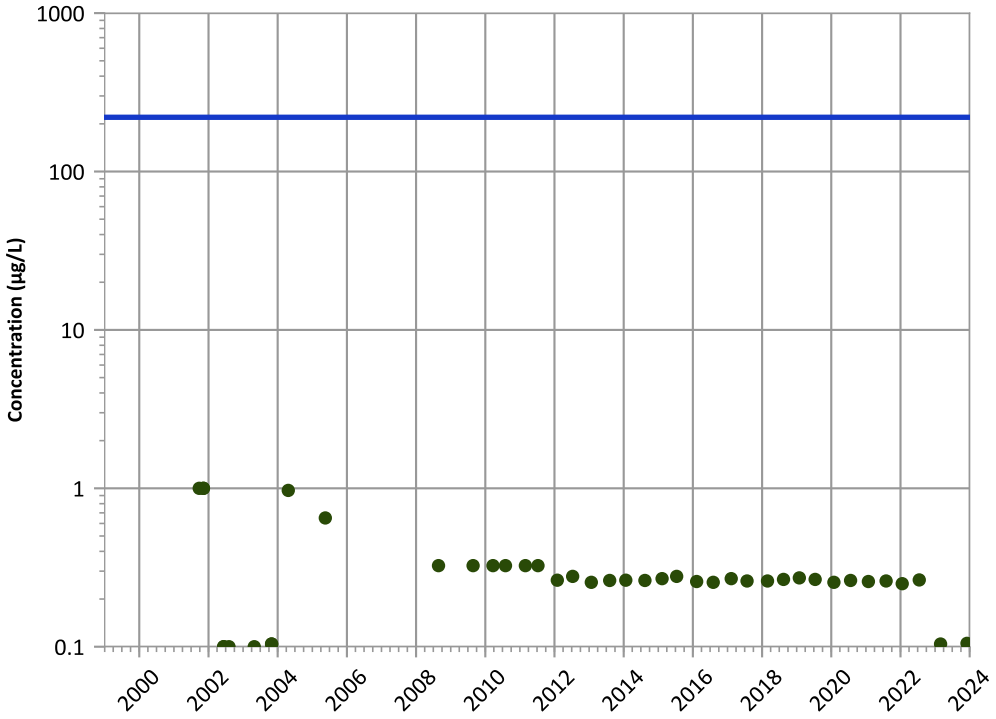


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

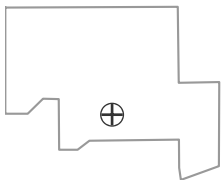
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

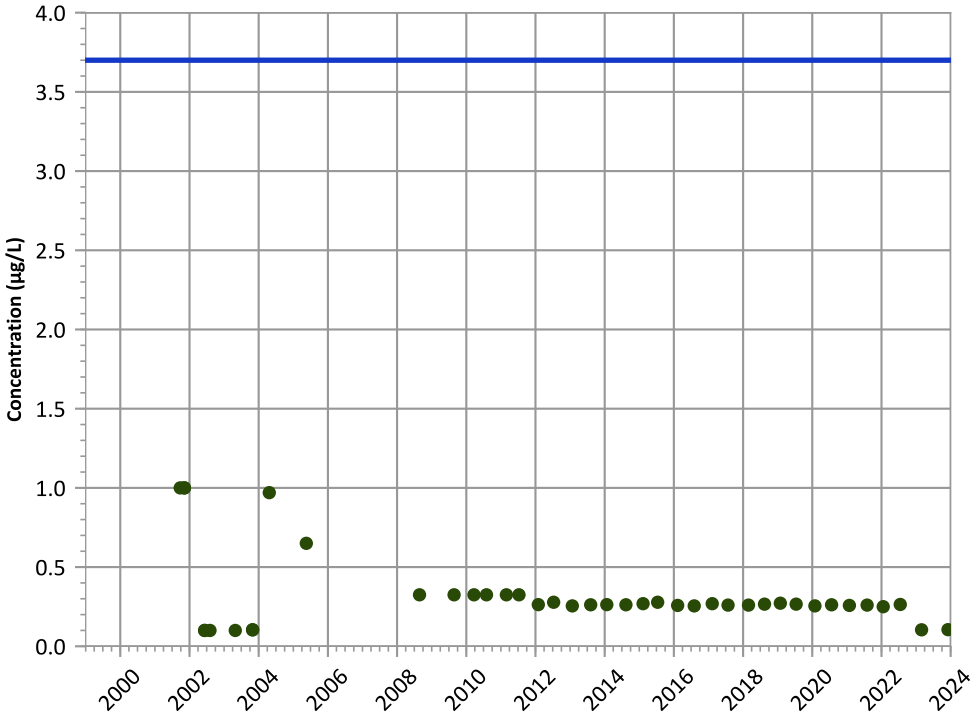
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

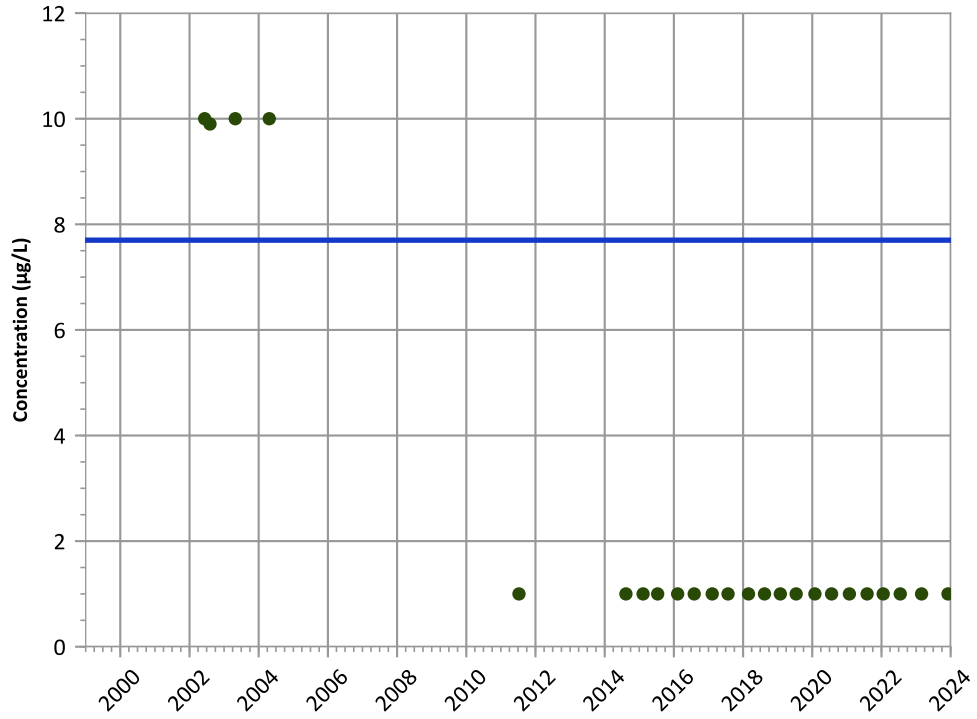


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

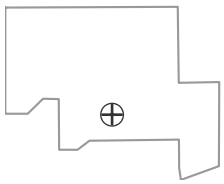


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

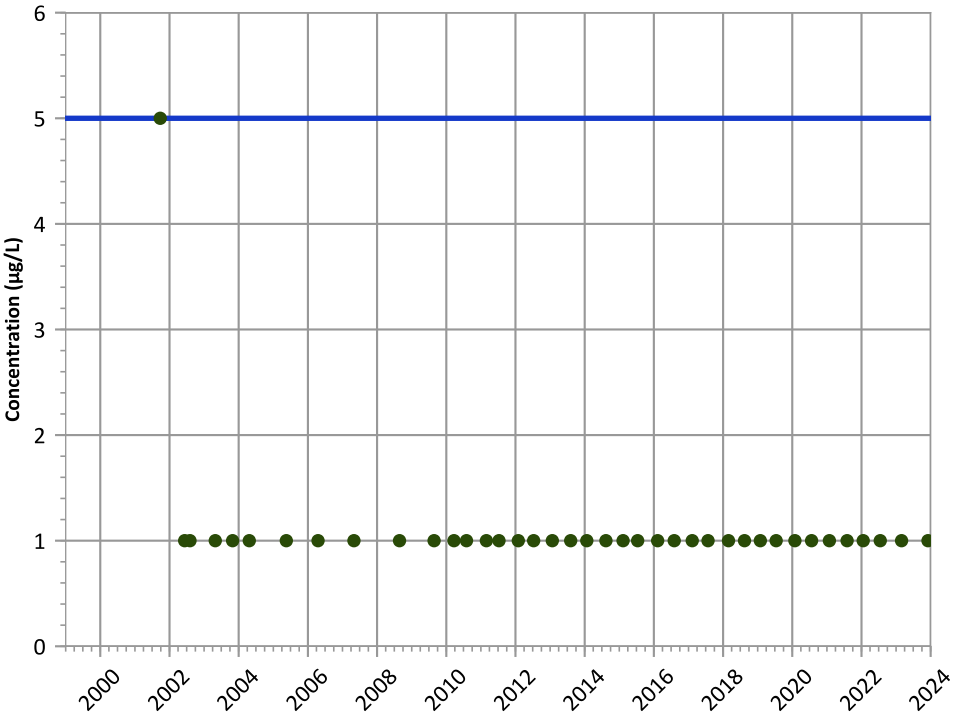


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

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

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

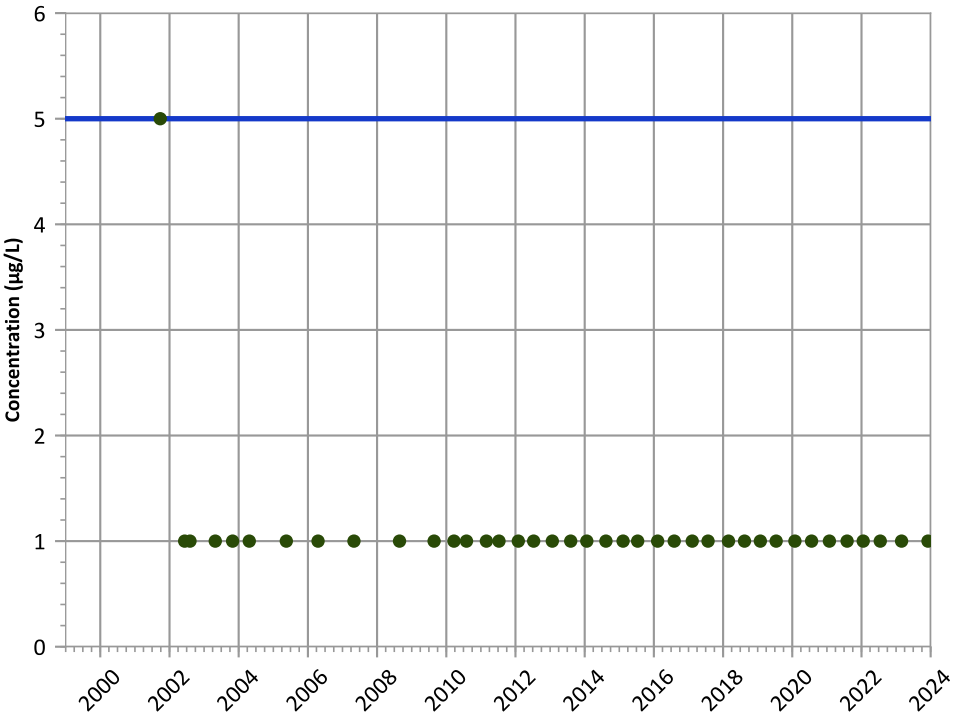
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



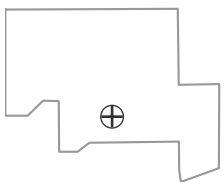
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

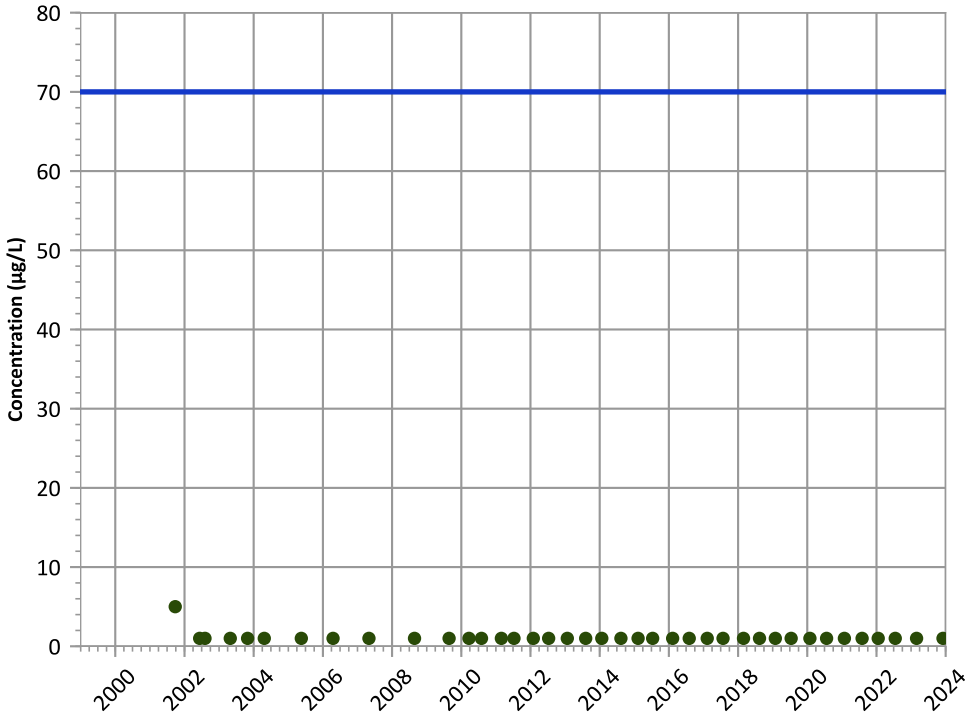
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

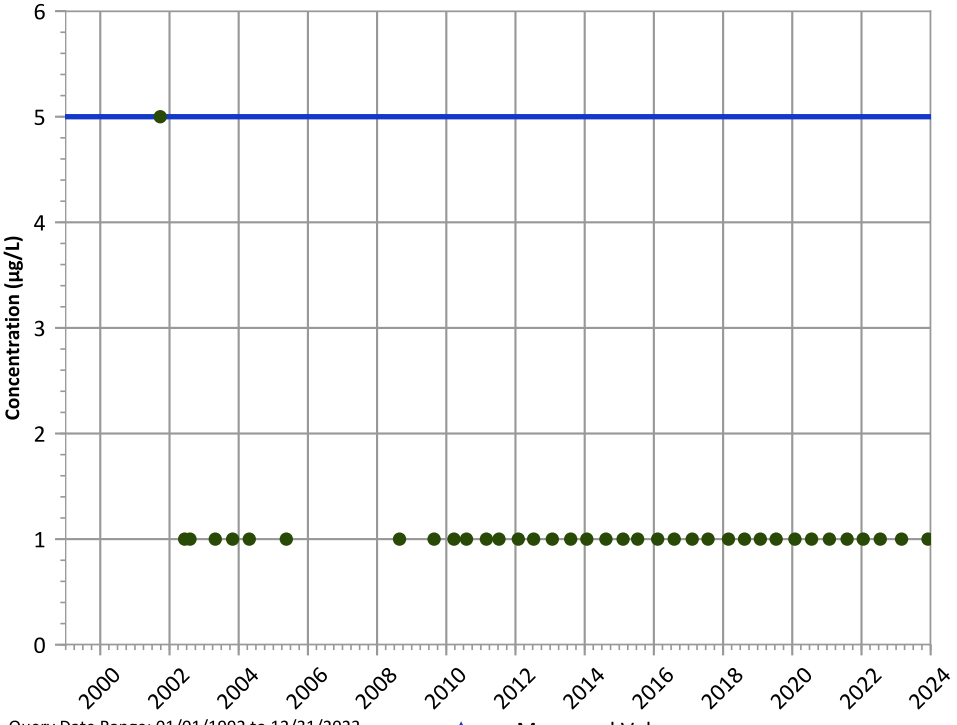


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

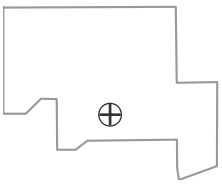


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

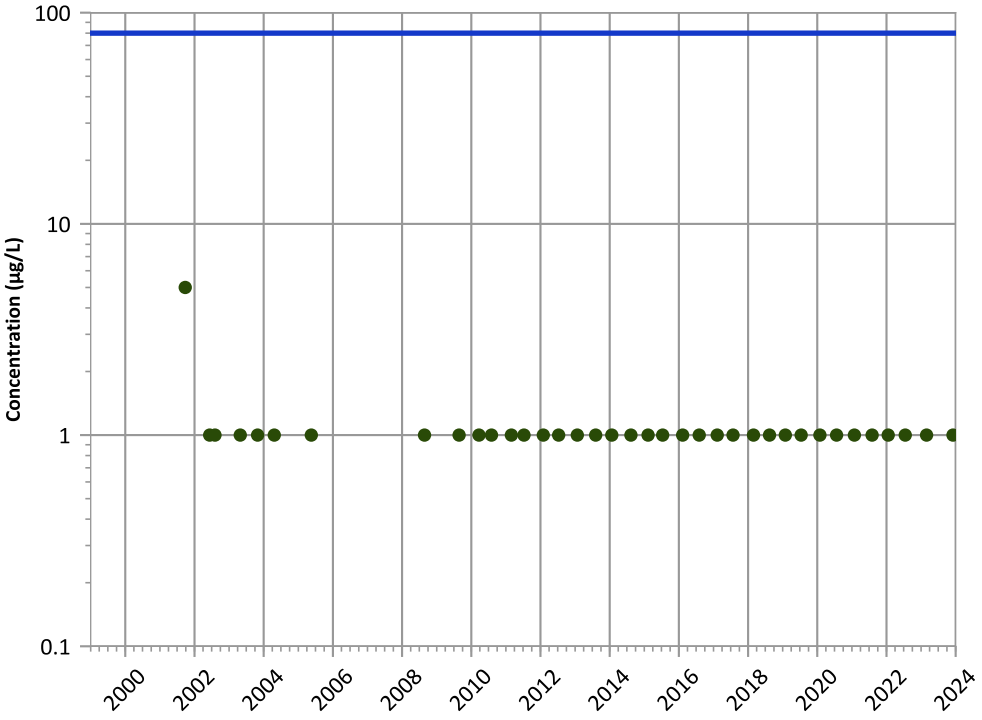


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

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

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

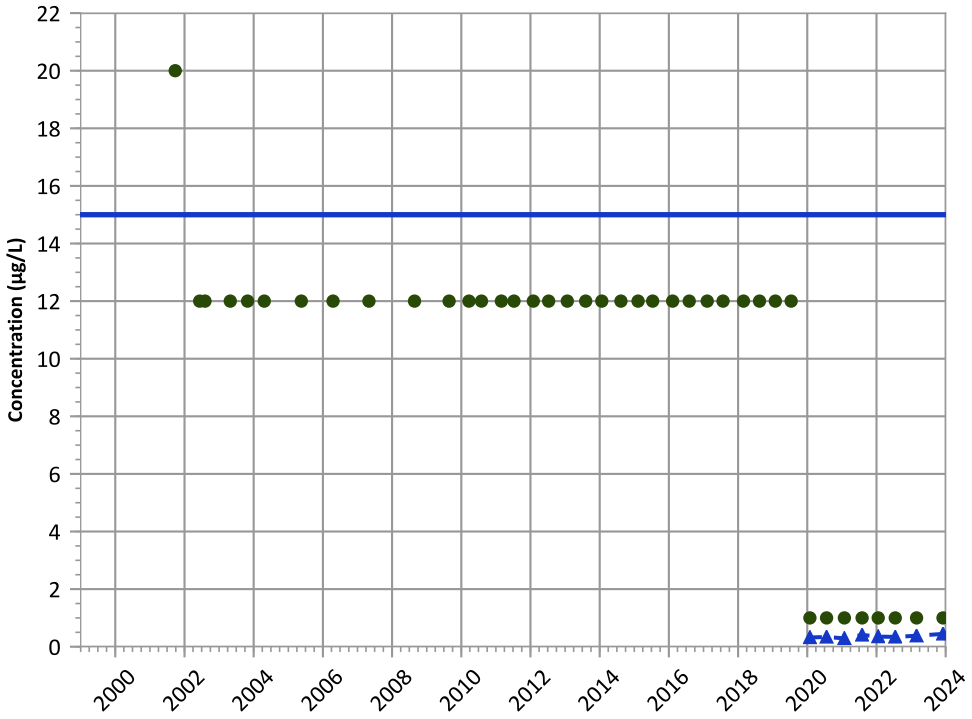


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

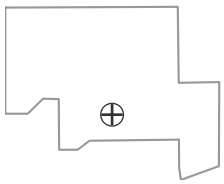
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

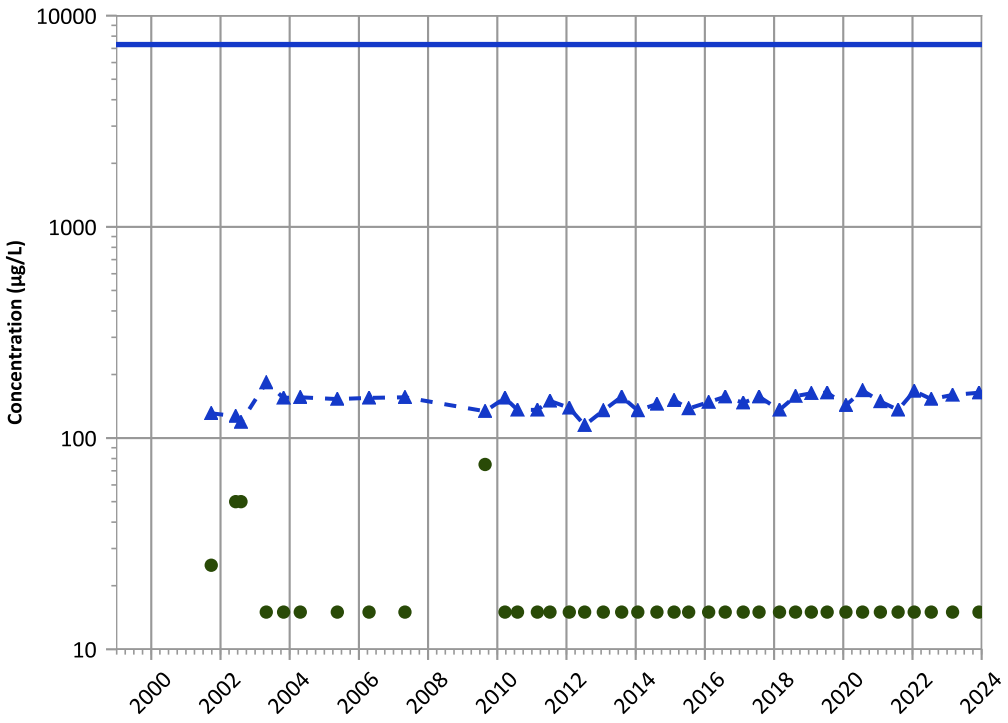
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

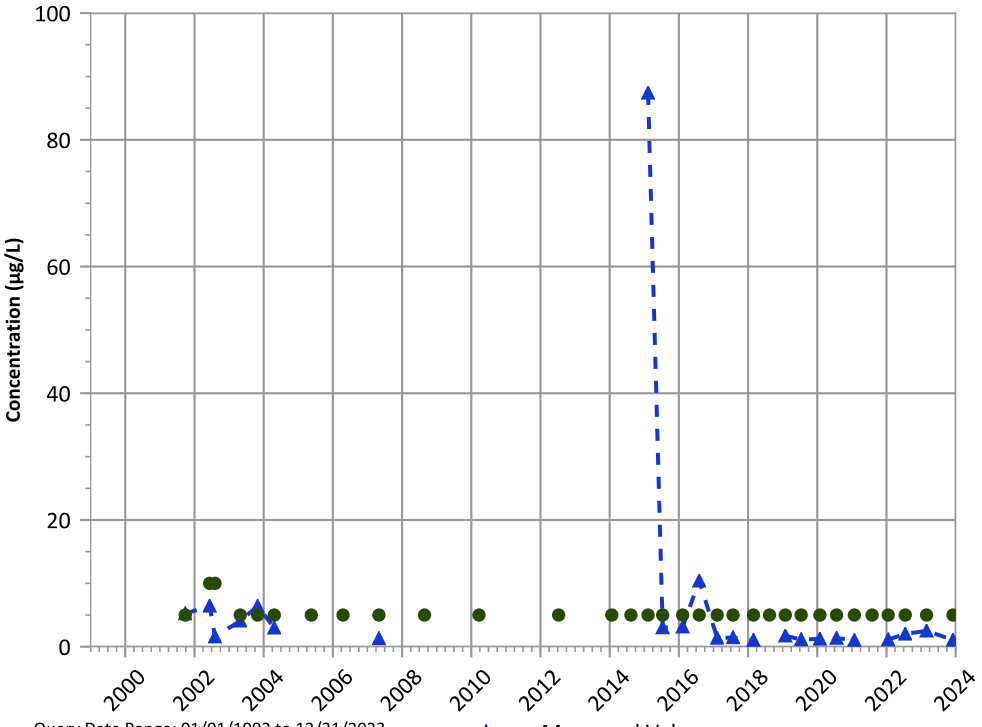


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Manganese Trend



Concentration Trend

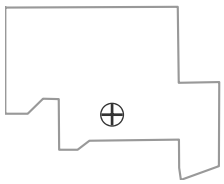
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

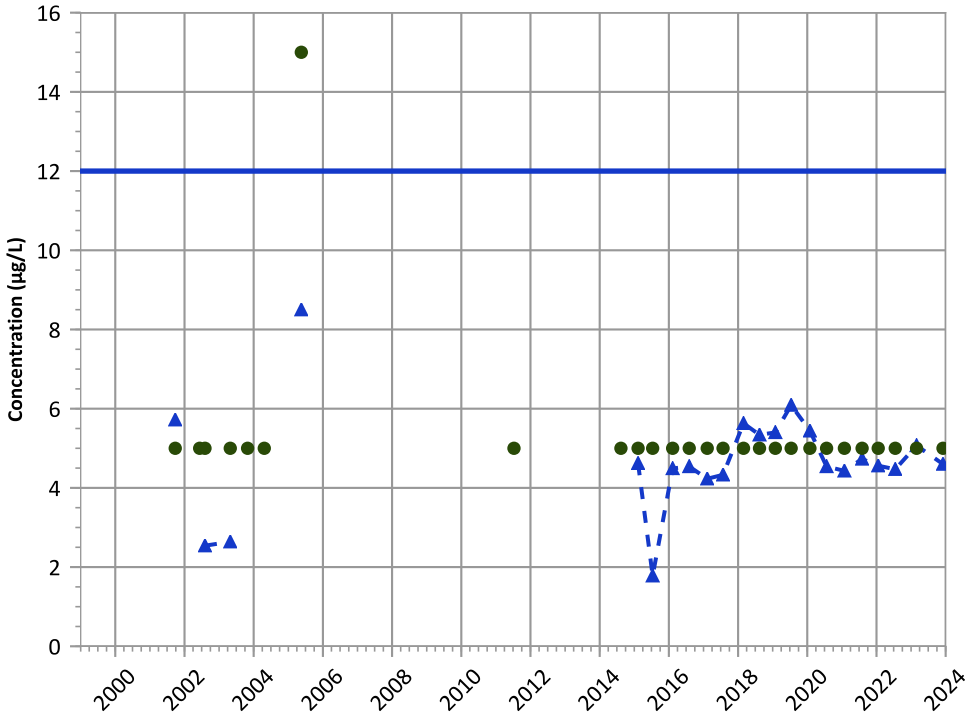
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

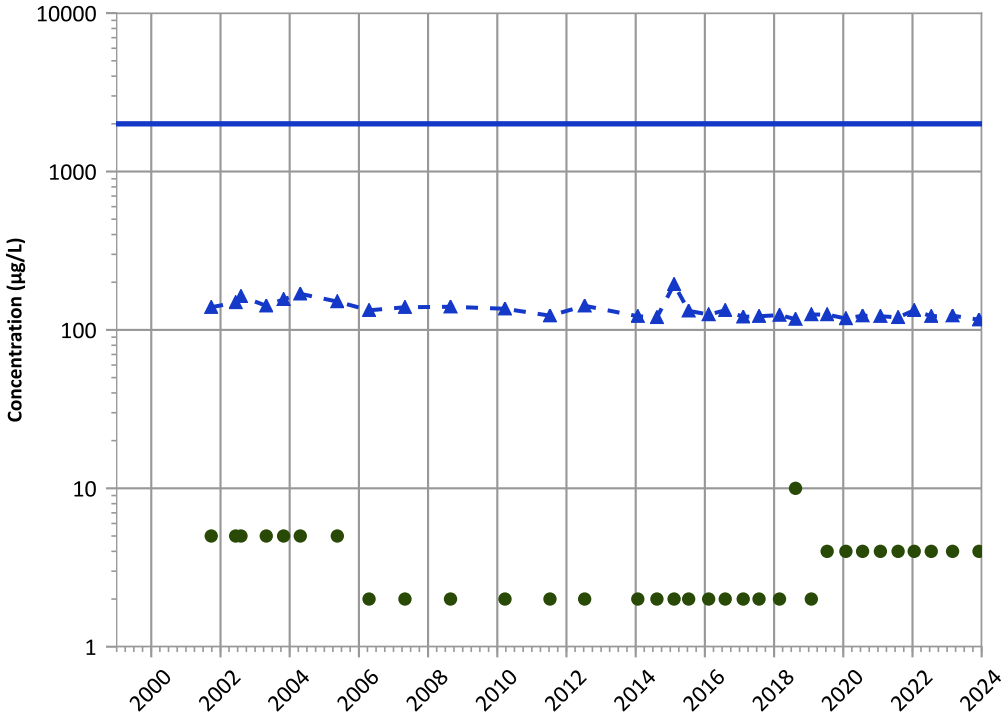


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Barium Trend



Concentration Trend

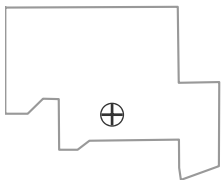
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

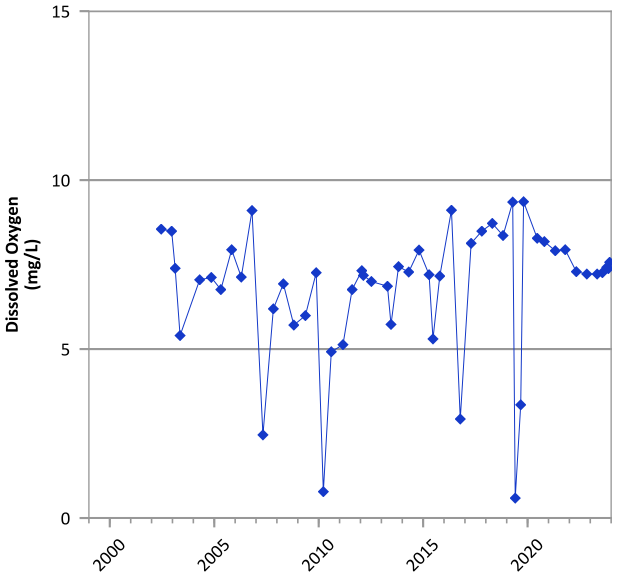
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/25/2001 to 12/04/2023
Analysis Date: 03/29/2024

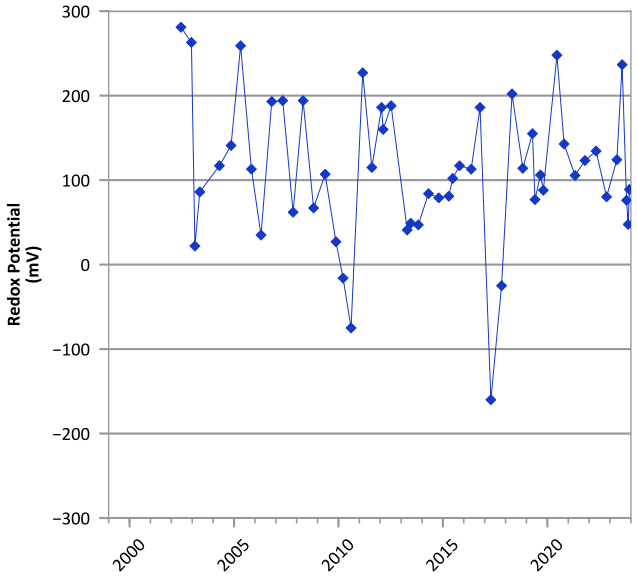
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

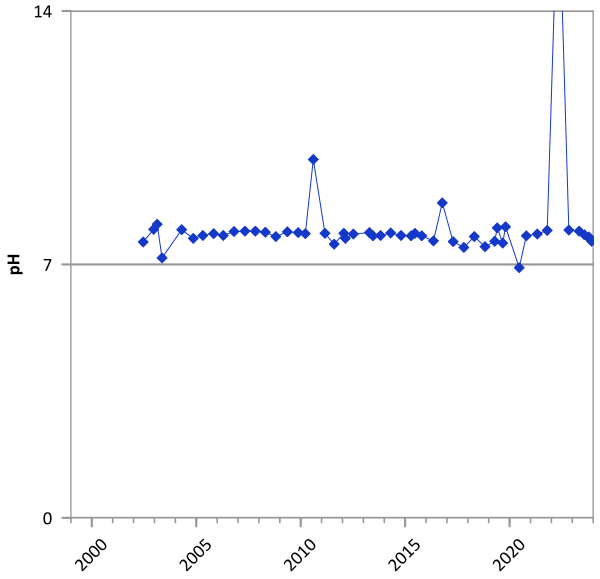
Well Location

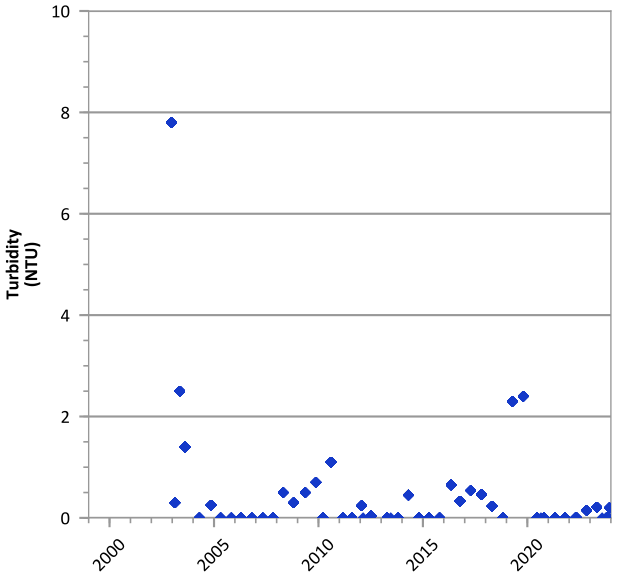


PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

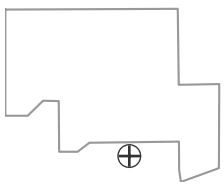






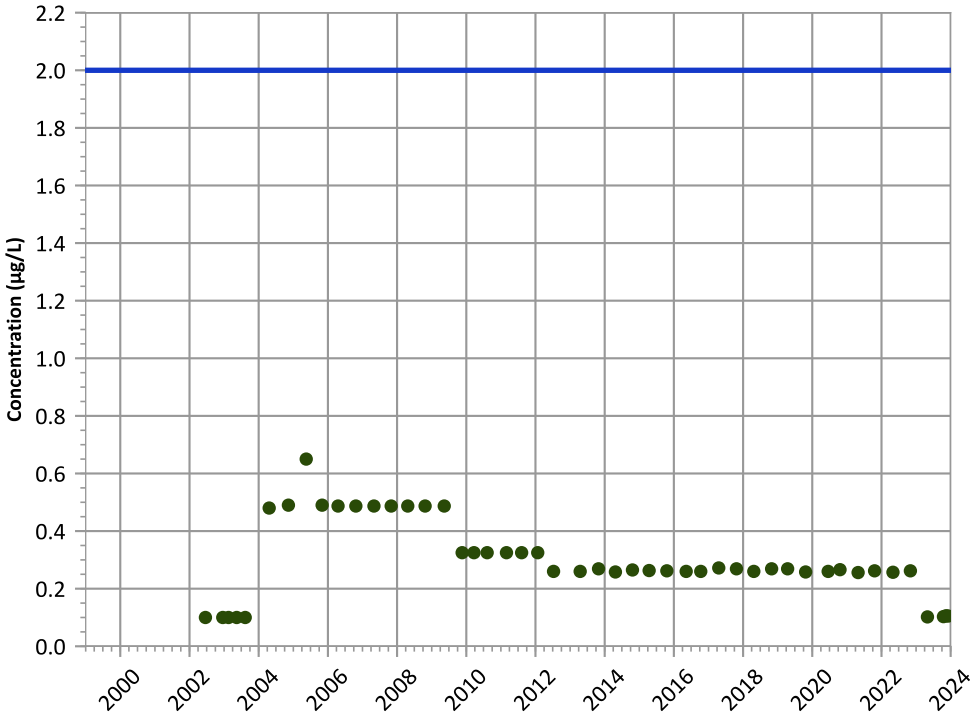


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

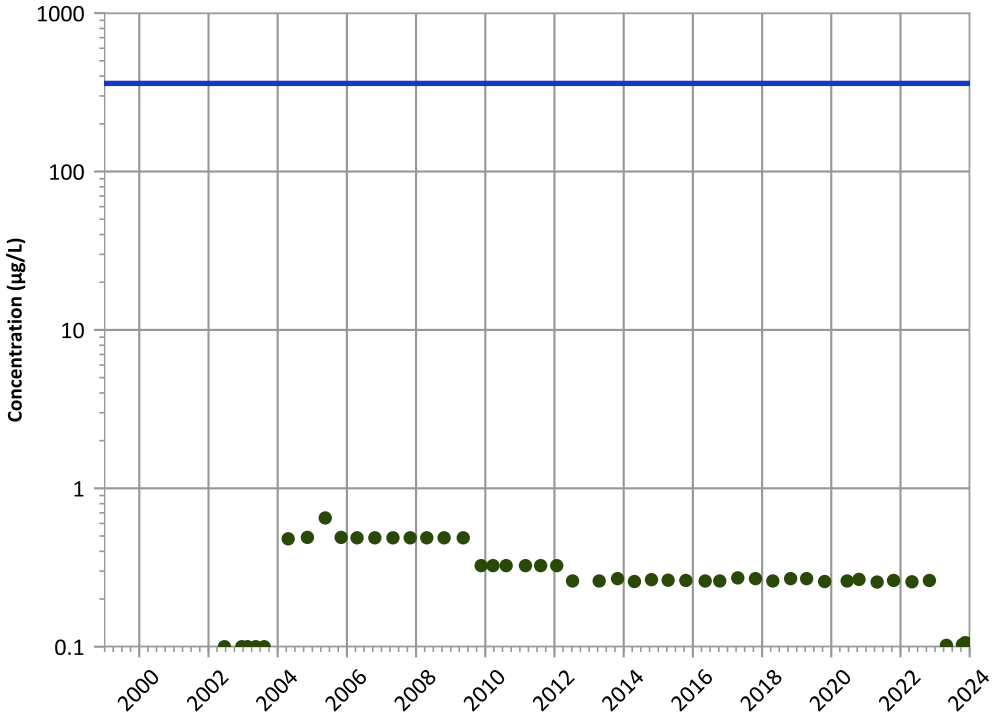


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

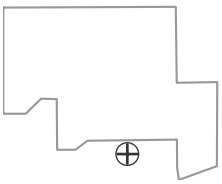


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

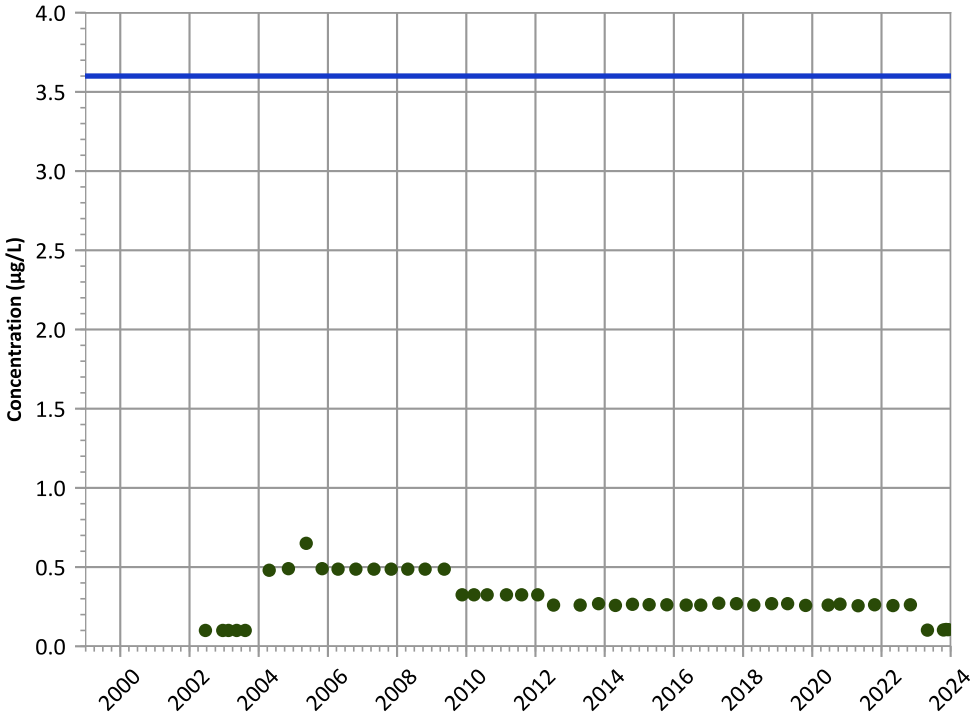


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

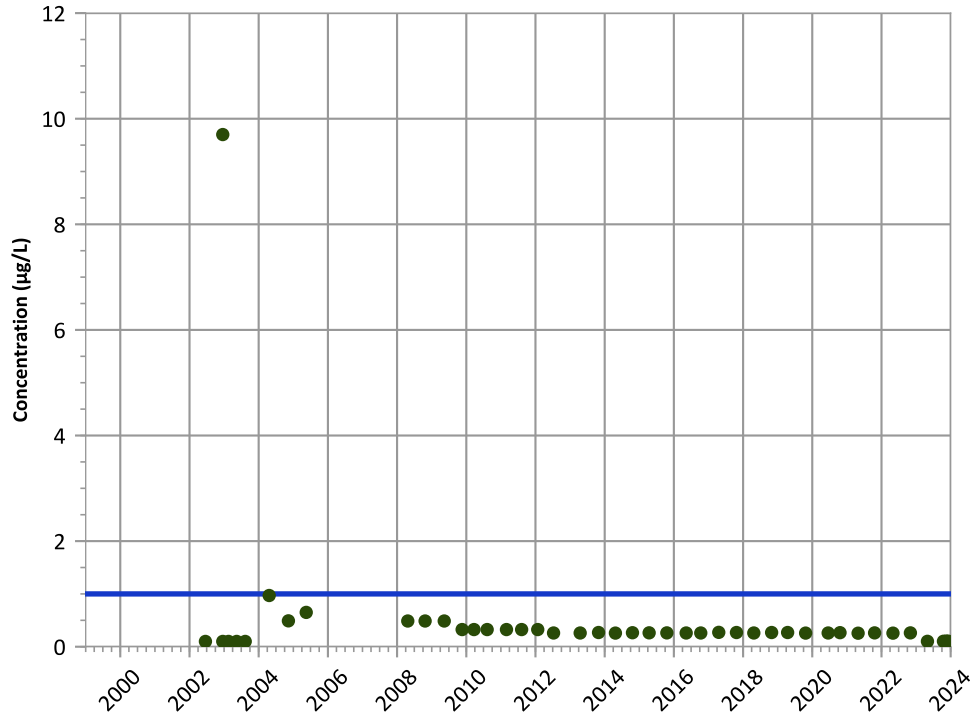


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

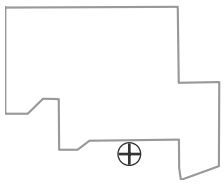
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

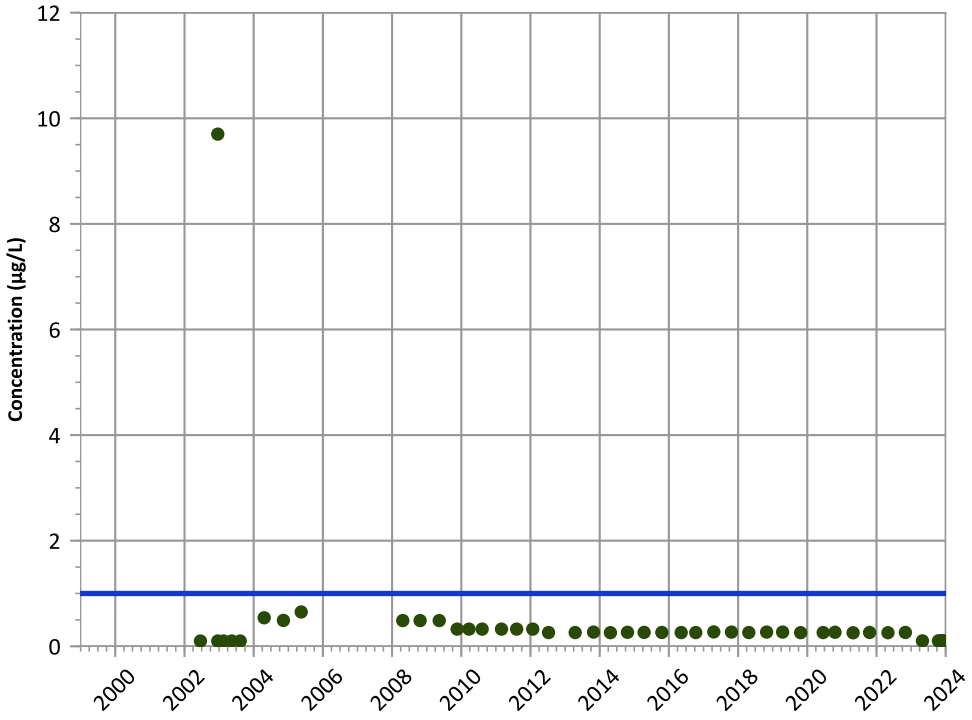
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

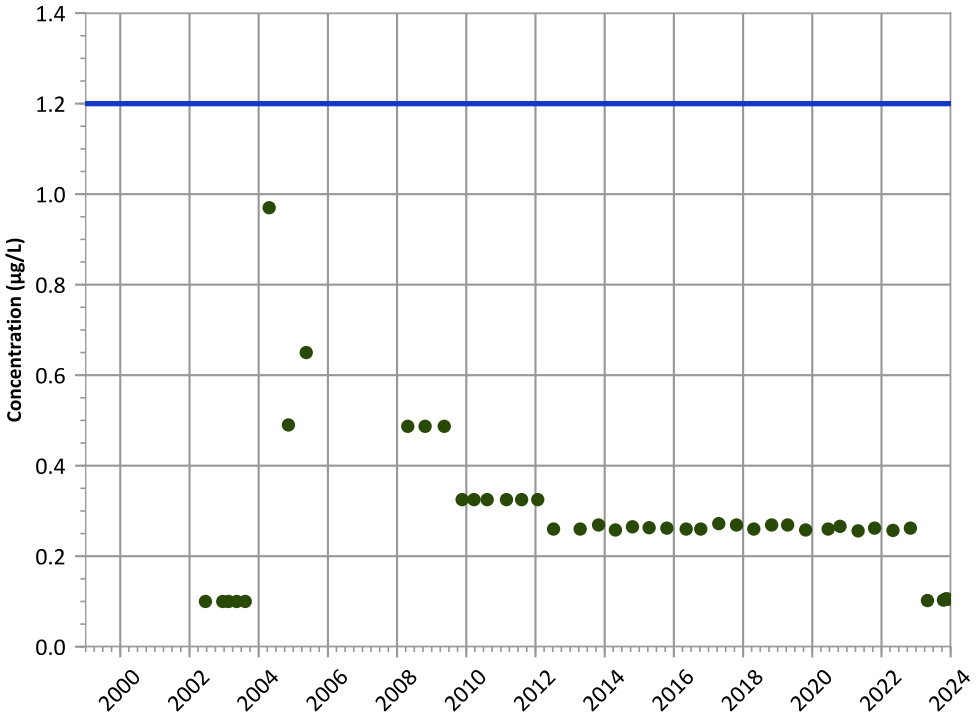
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



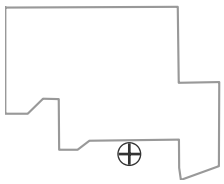
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

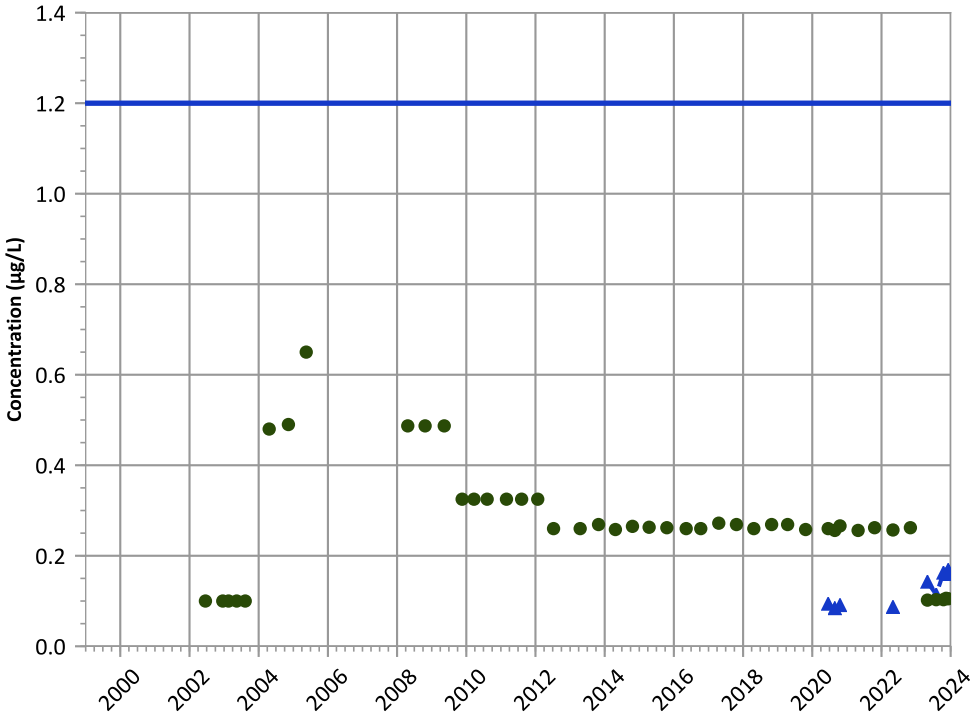
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

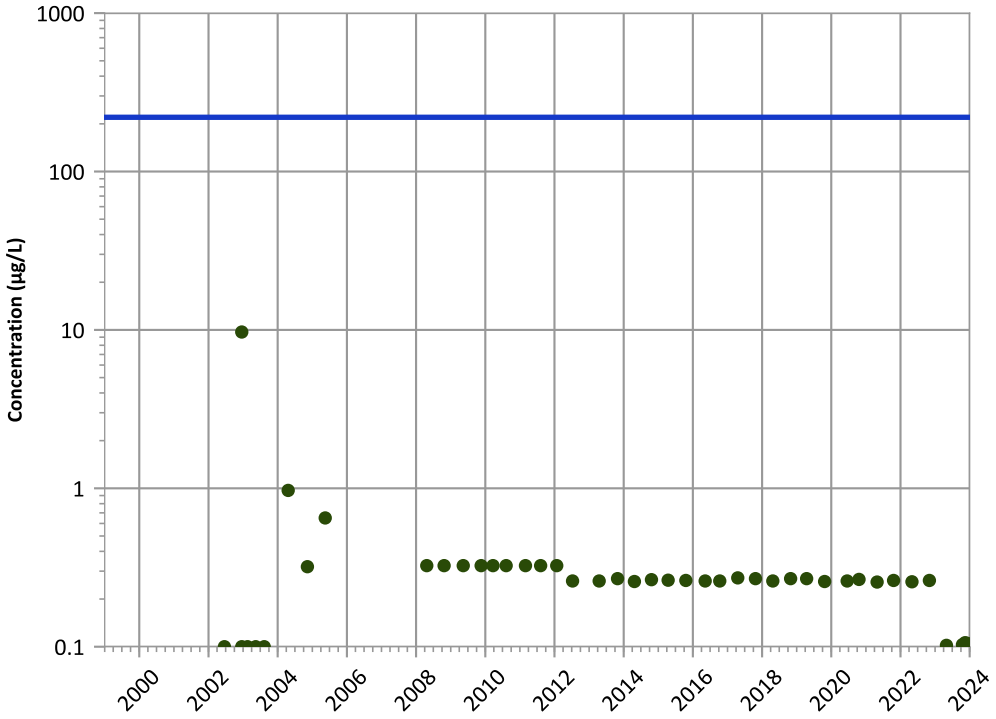


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

1,3,5-Trinitrobenzene Trend

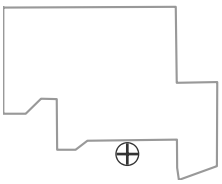


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

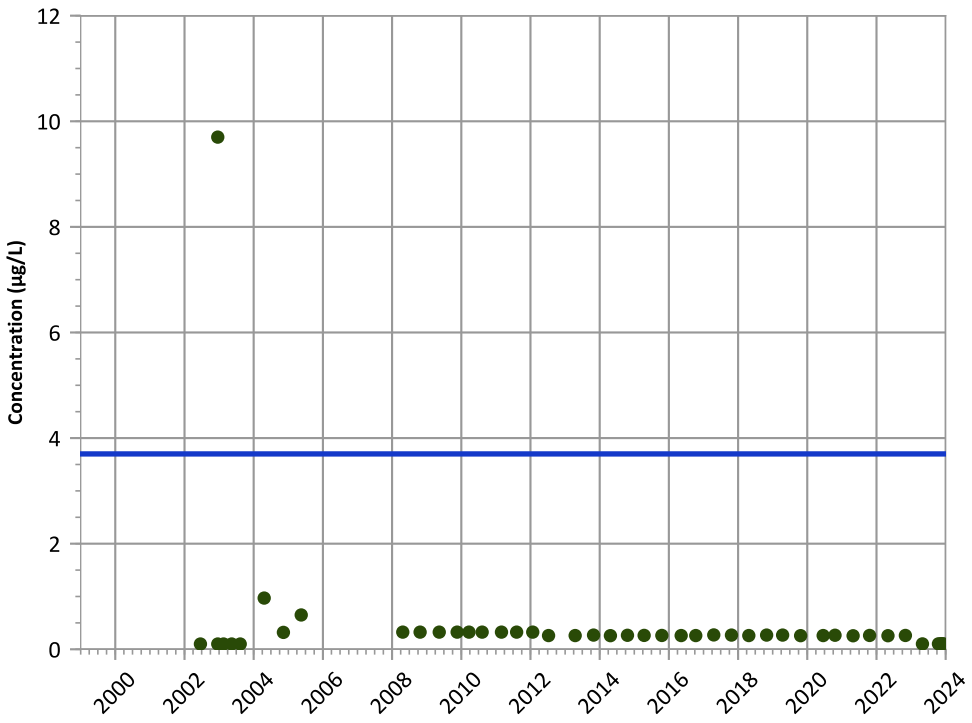


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

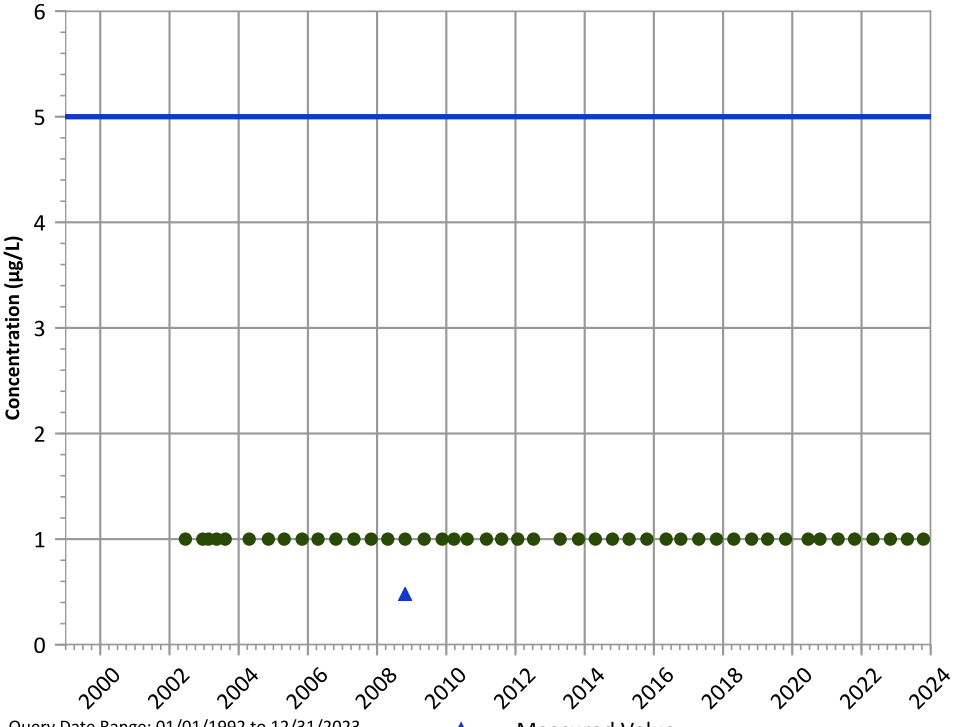
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



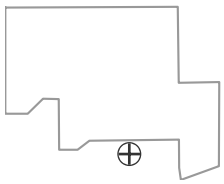
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

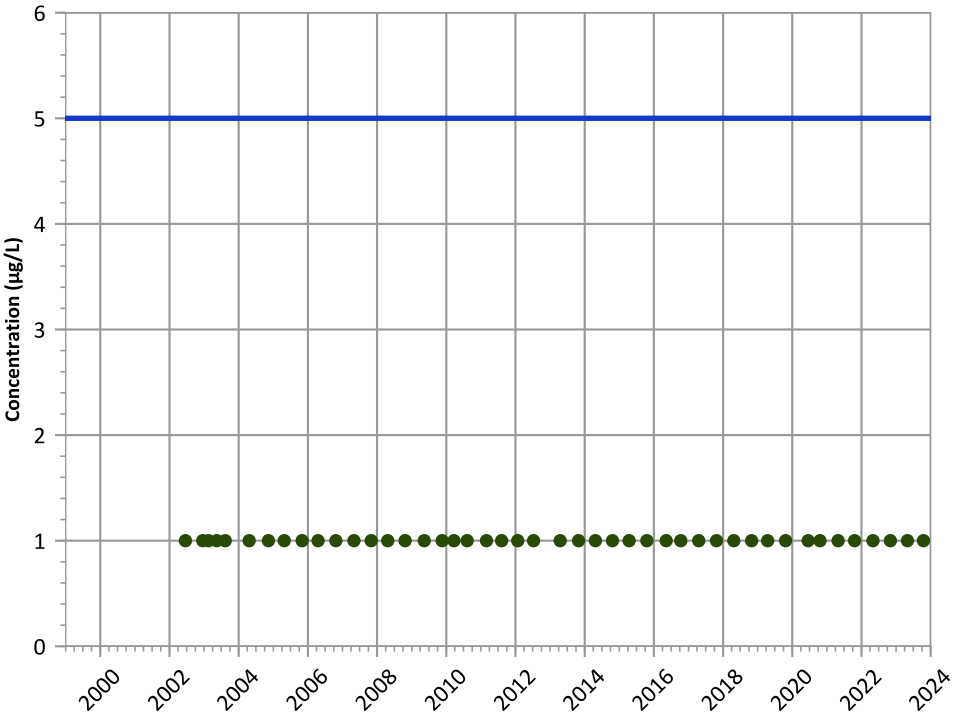
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

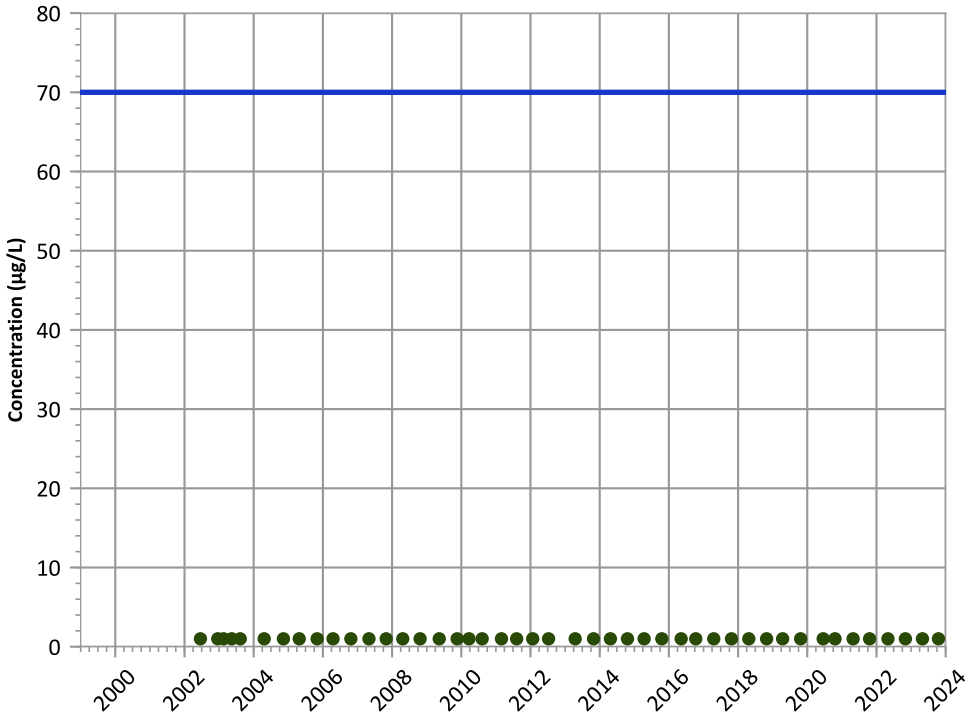
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



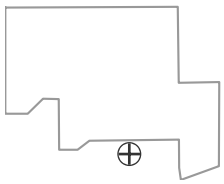
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

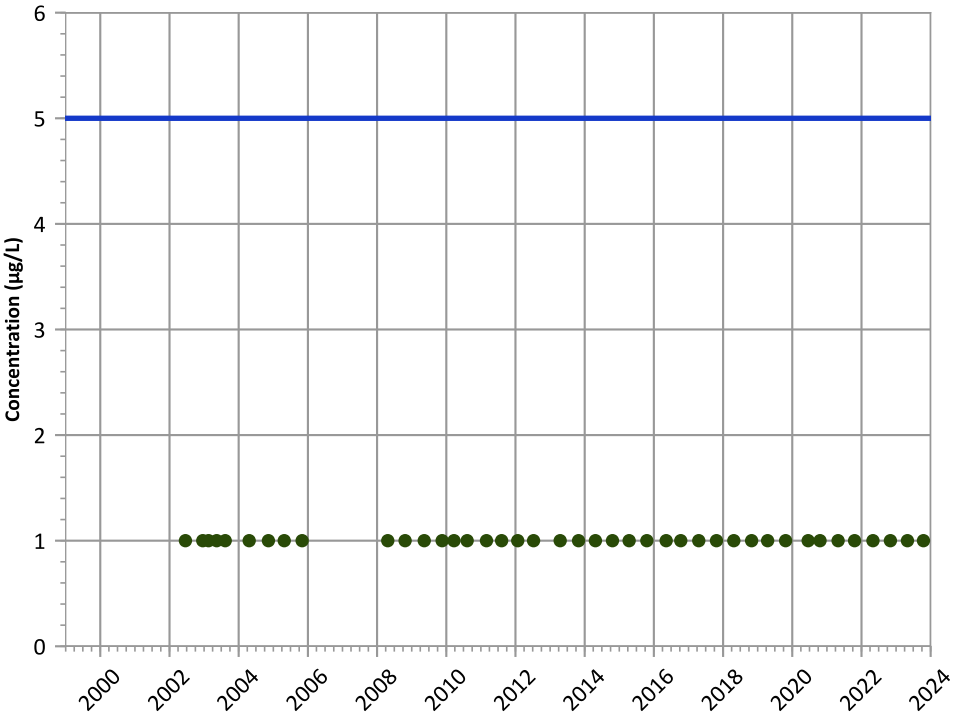
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

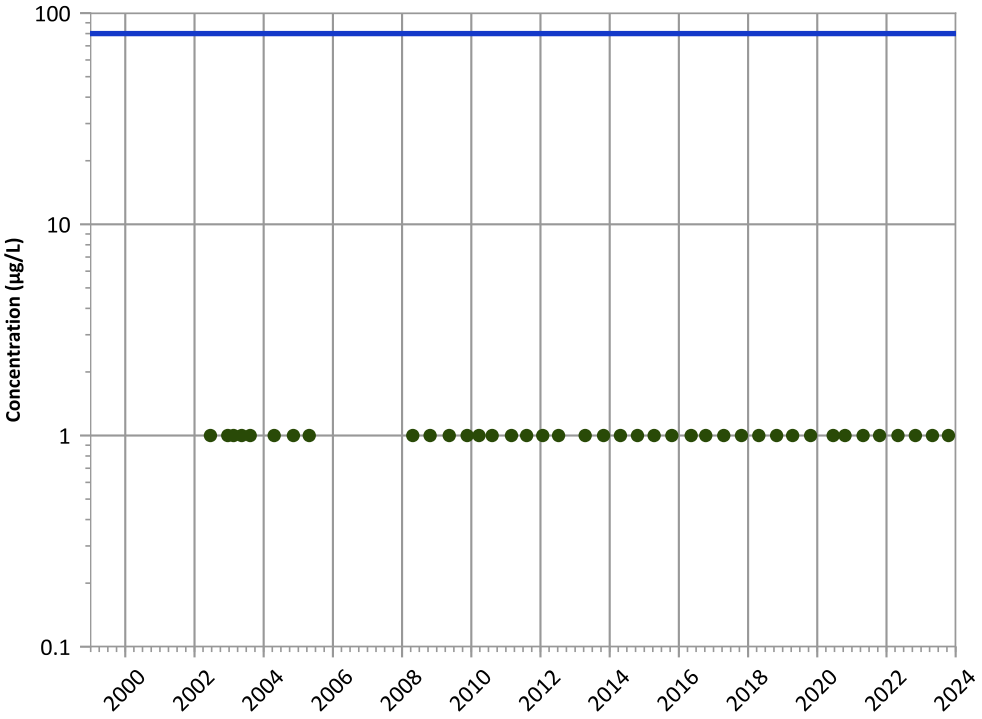
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Chloroform Trend



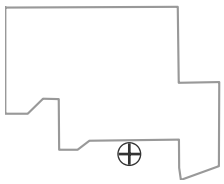
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

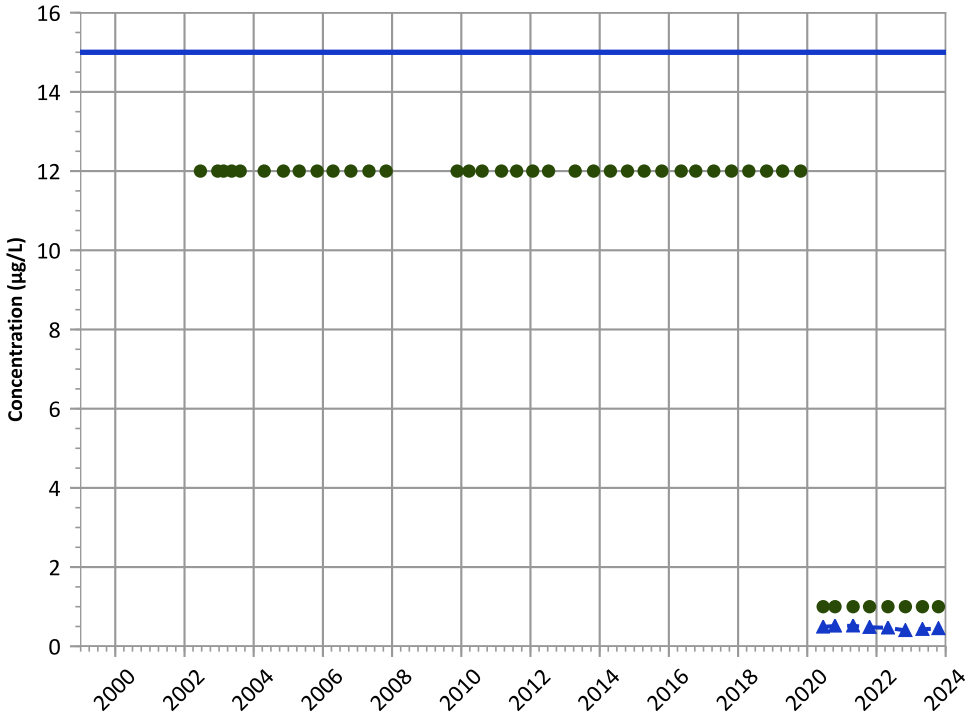
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

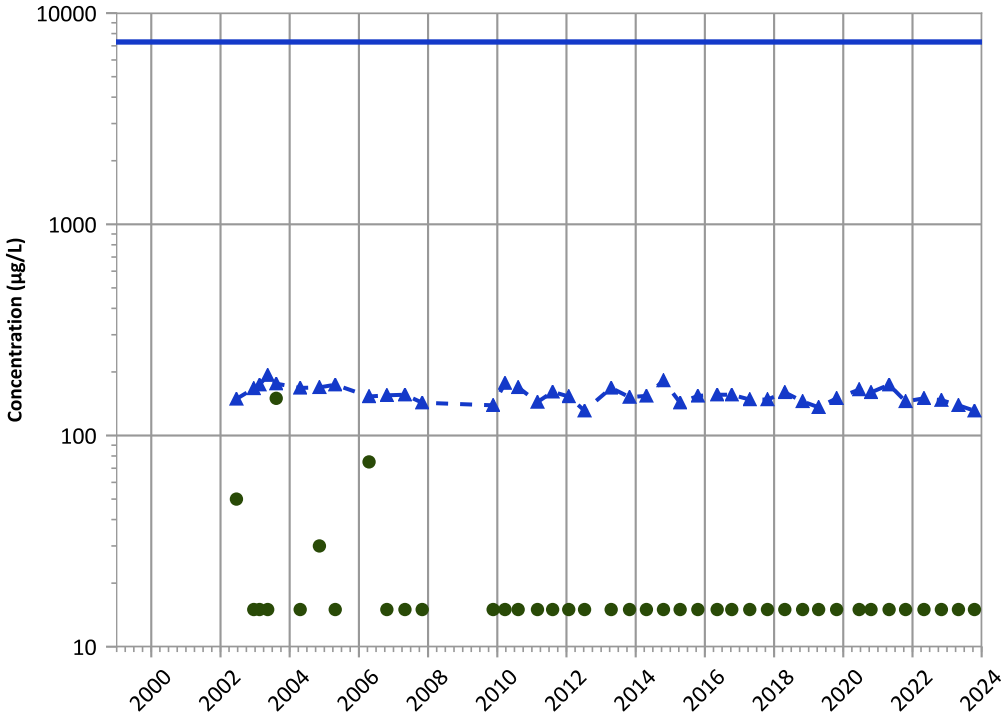


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Boron Trend



Concentration Trend

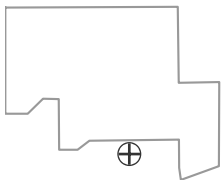
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

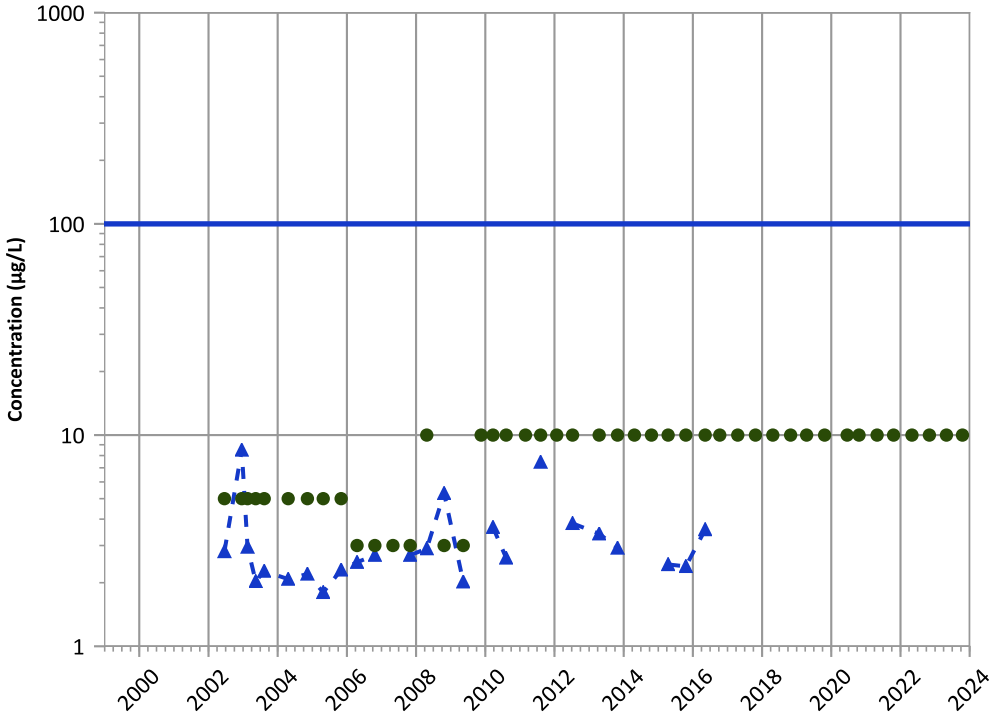
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

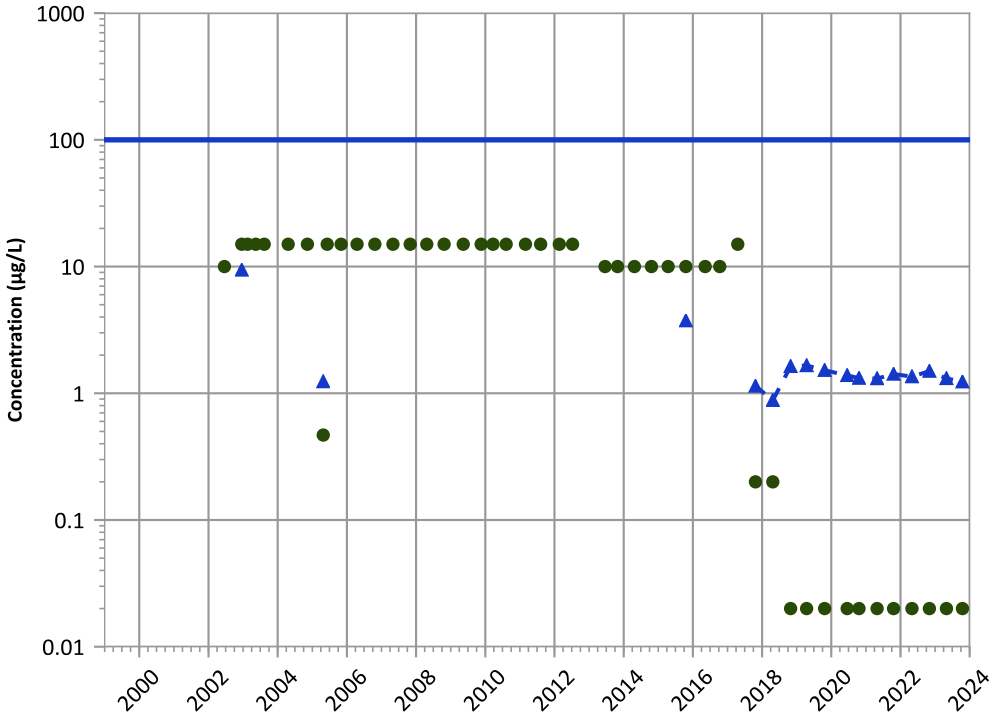


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Chromium, Hexavalent Trend



Concentration Trend

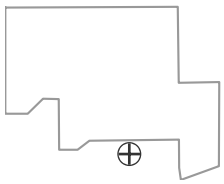
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

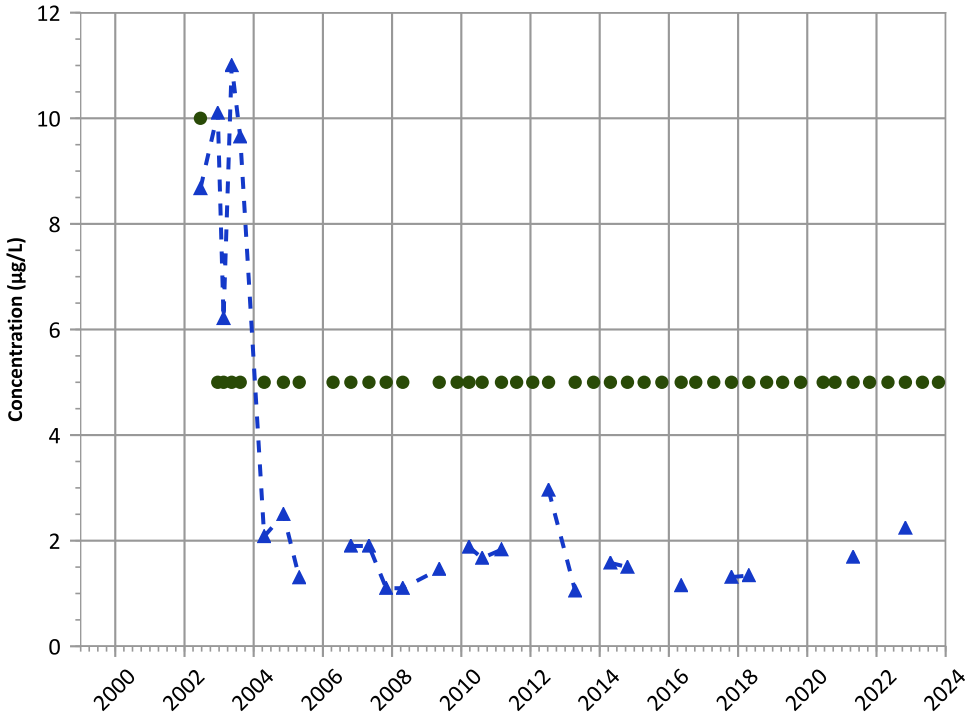
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

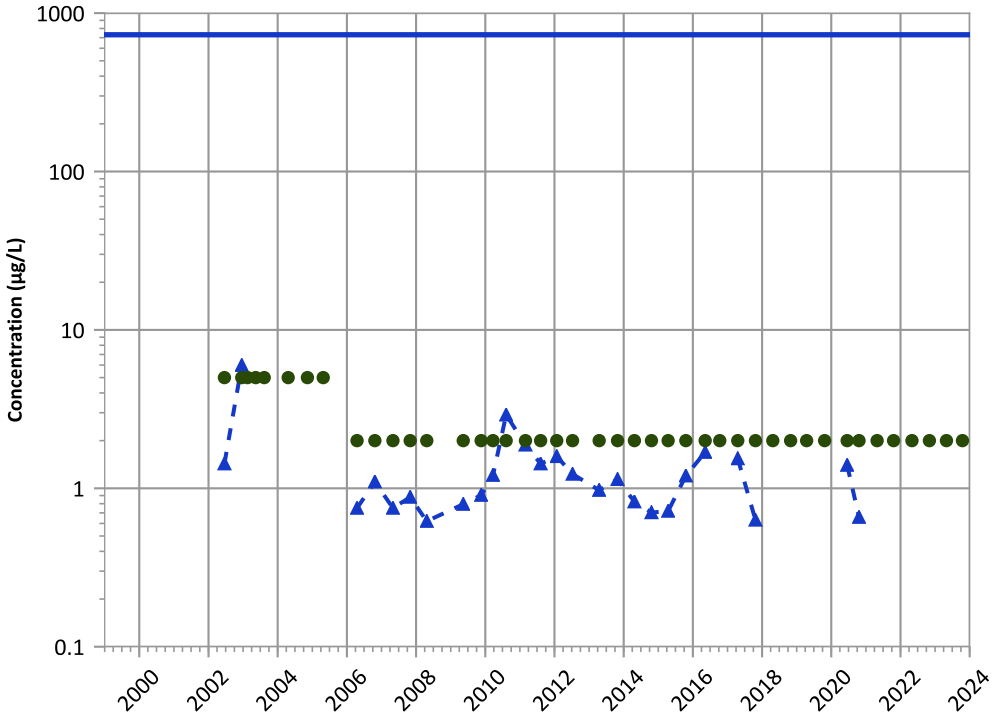


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Stable

Nickel Trend



Concentration Trend

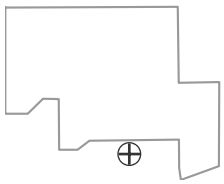
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

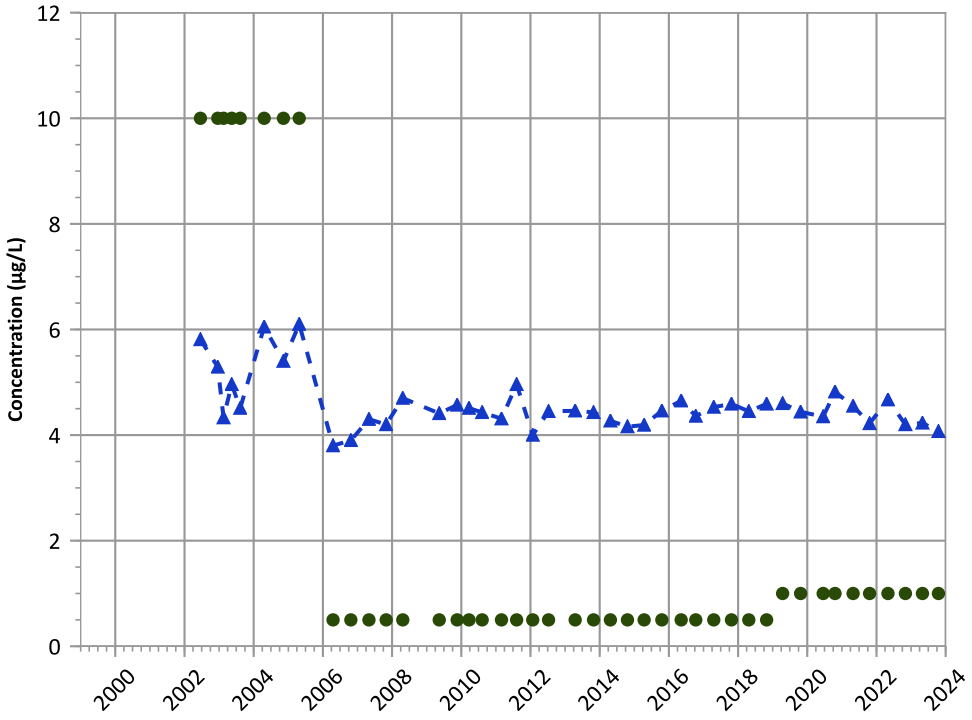
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

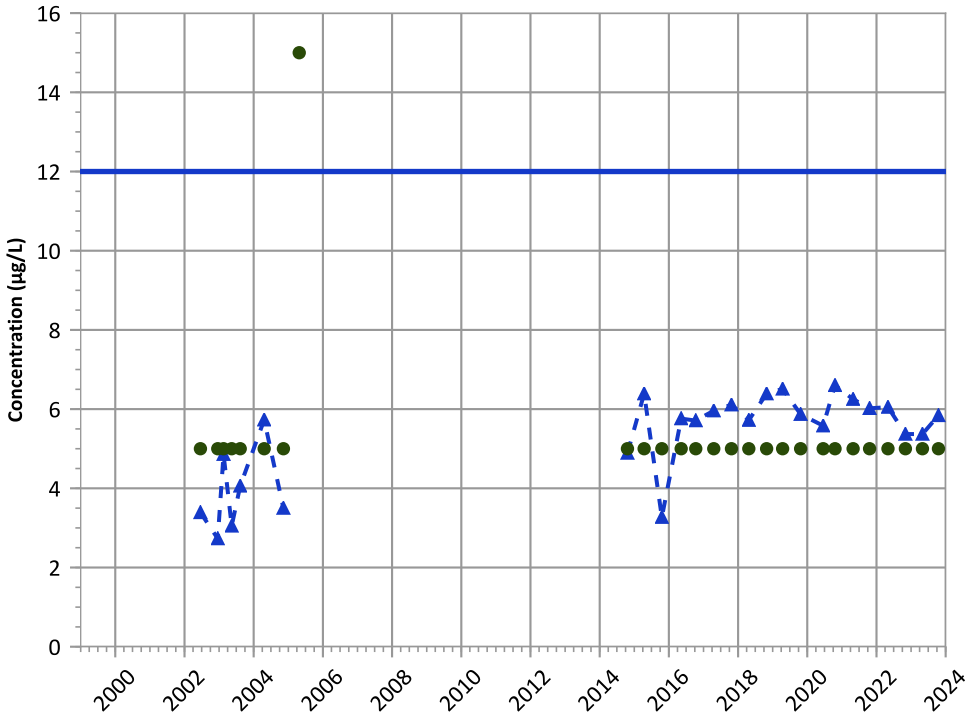


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Arsenic Trend



Concentration Trend

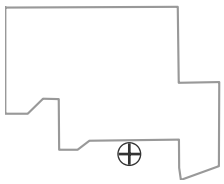
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

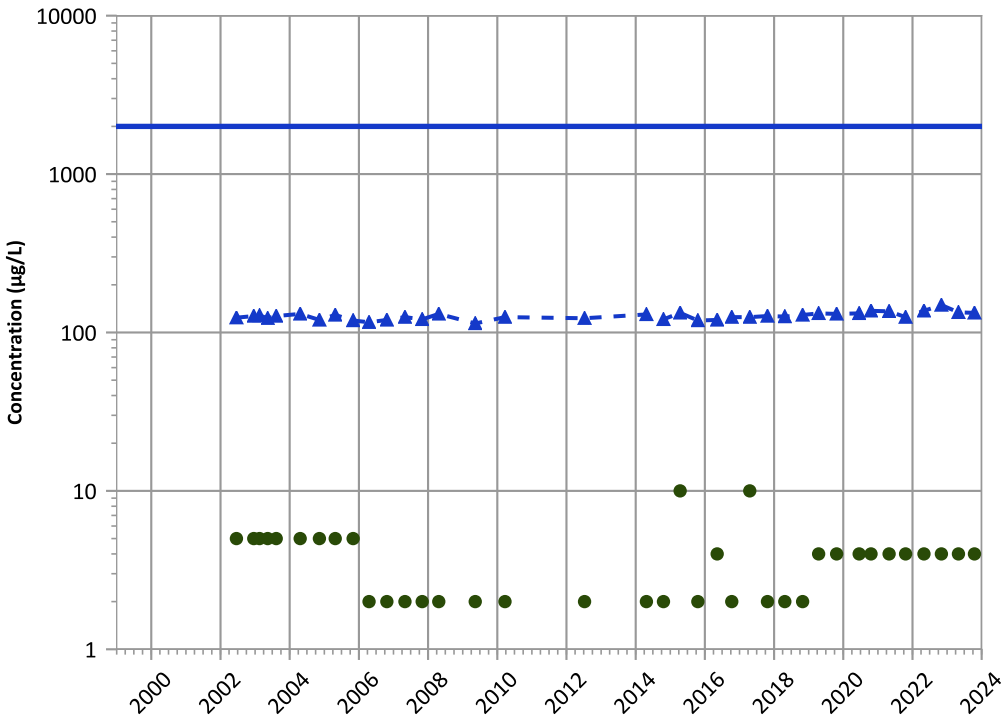
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

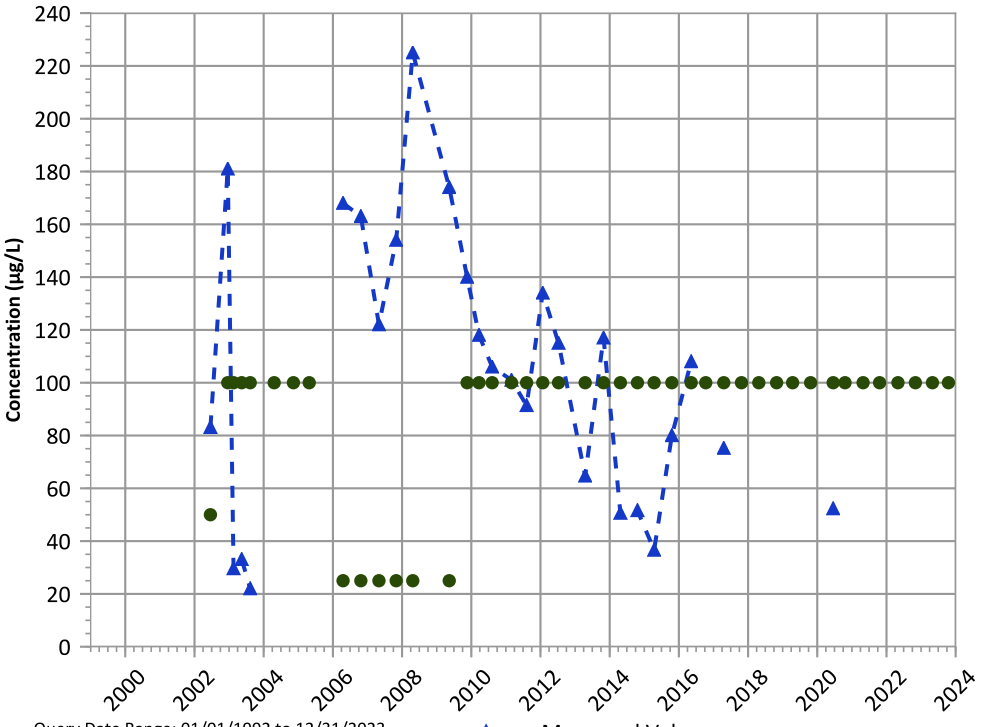


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Iron Trend



Concentration Trend

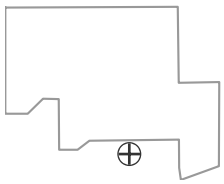
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

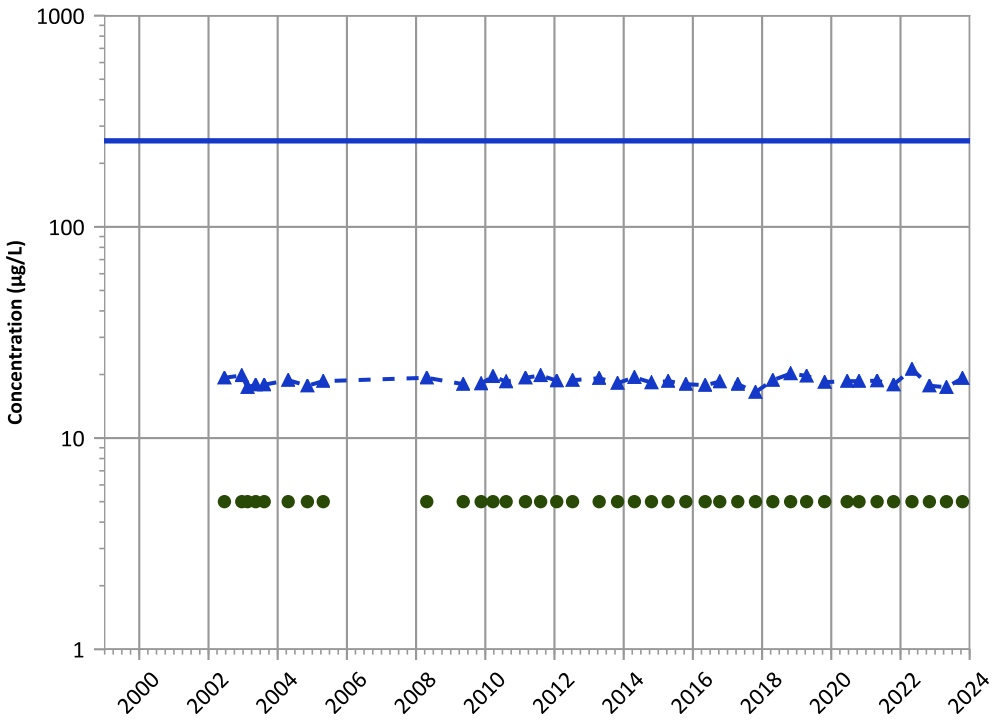
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

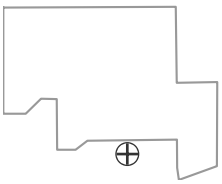
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

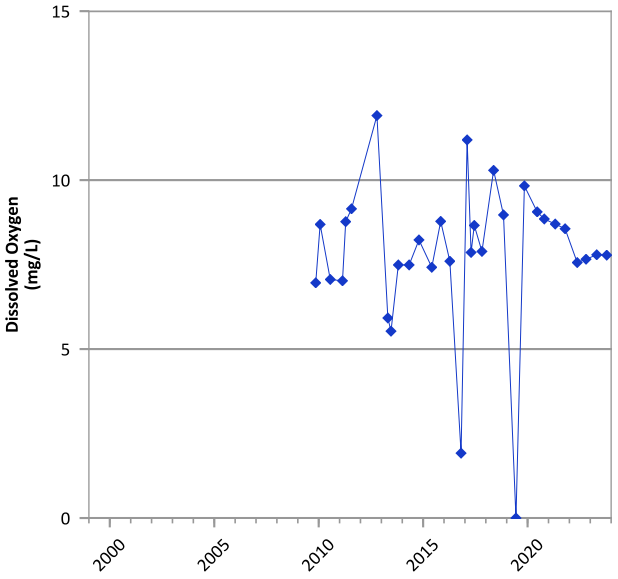
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/18/2002 to 12/06/2023
Analysis Date: 03/29/2024

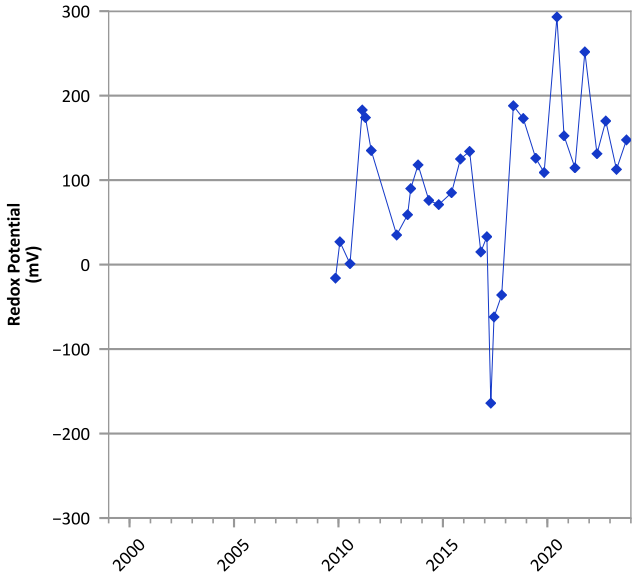
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

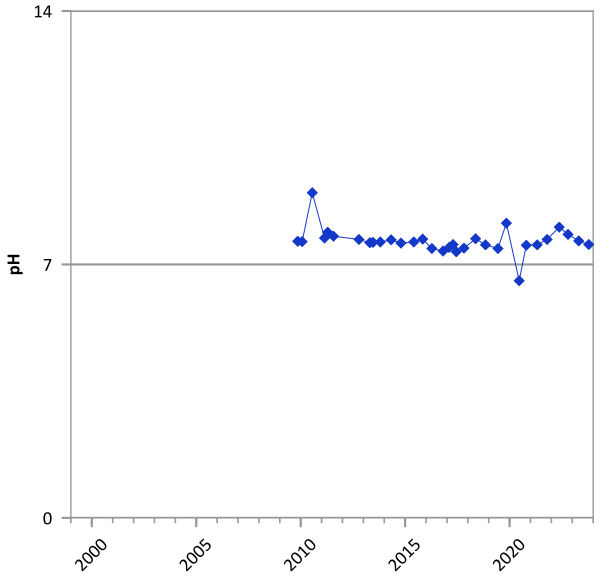
Well Location

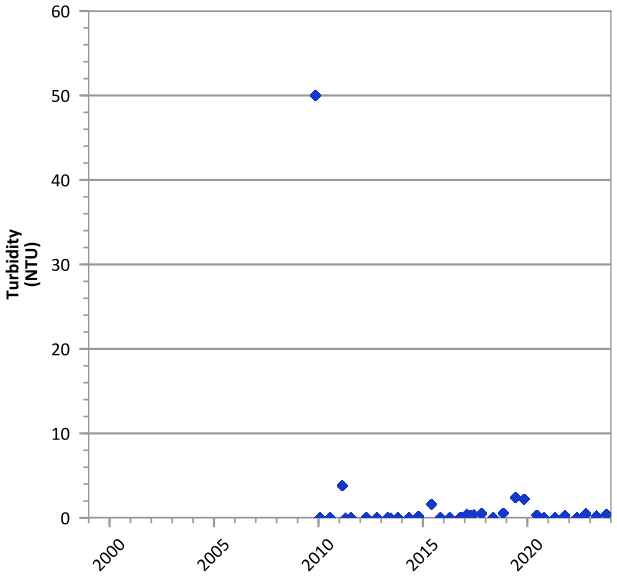


PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

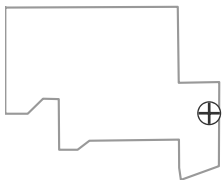






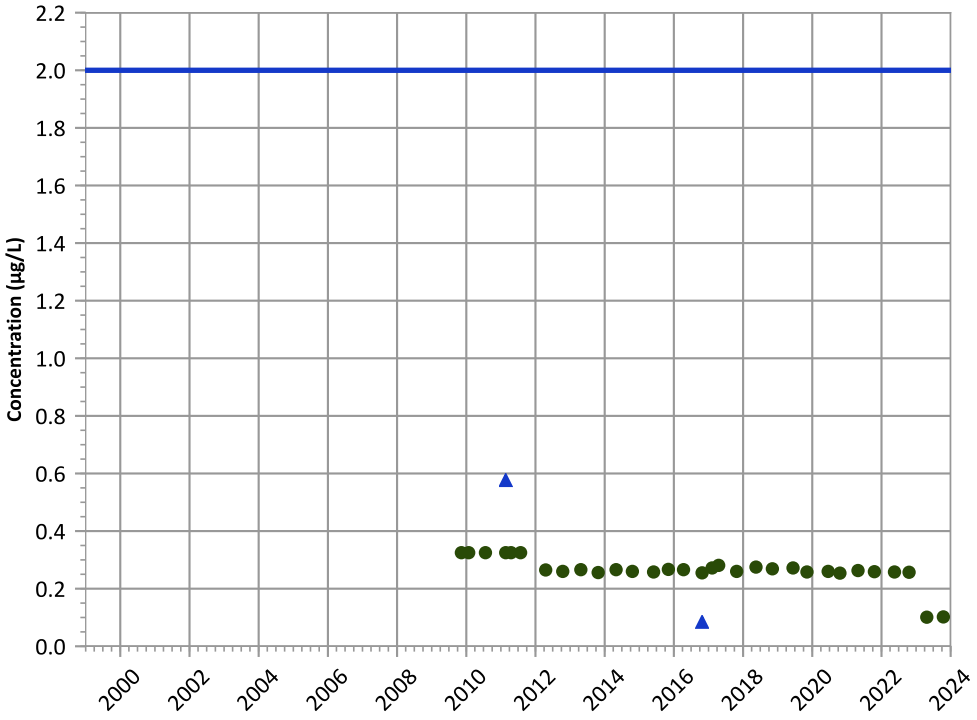


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

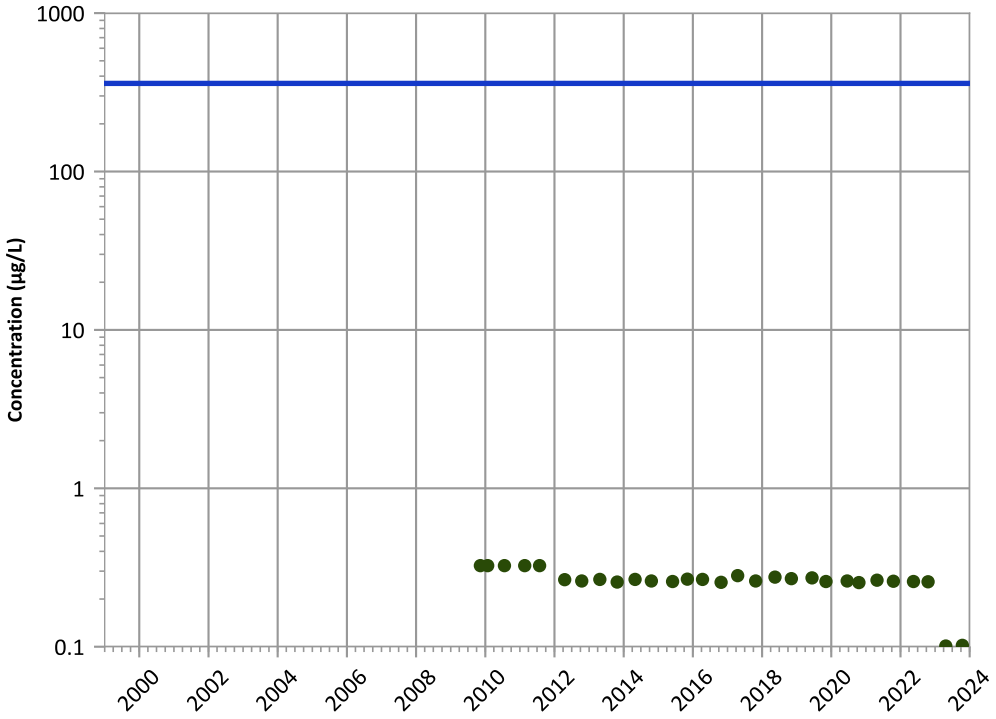


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

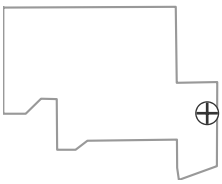


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

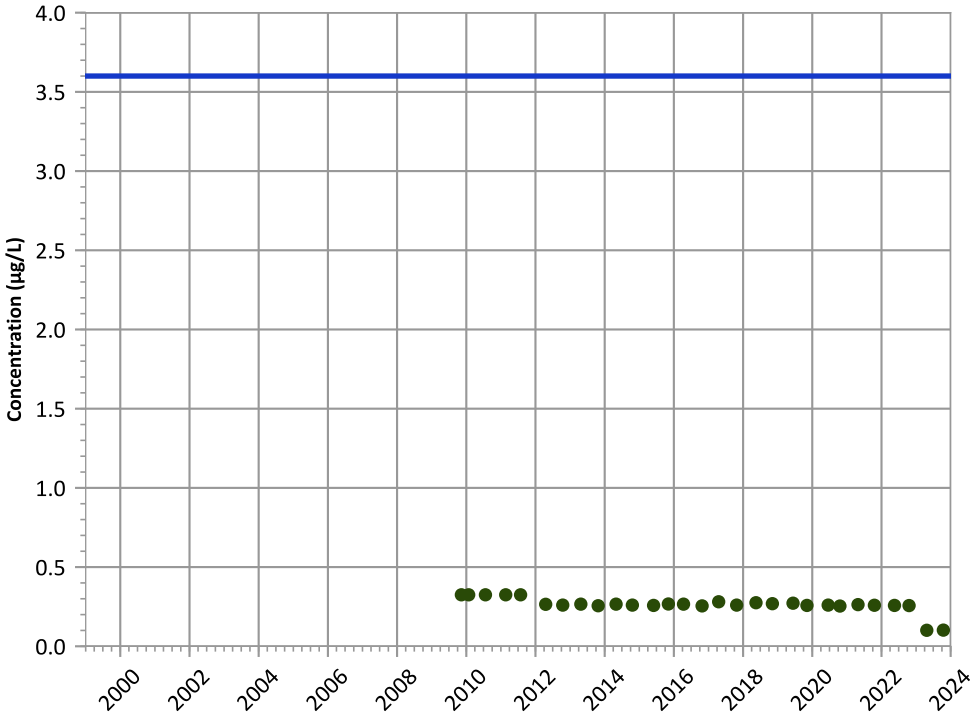


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

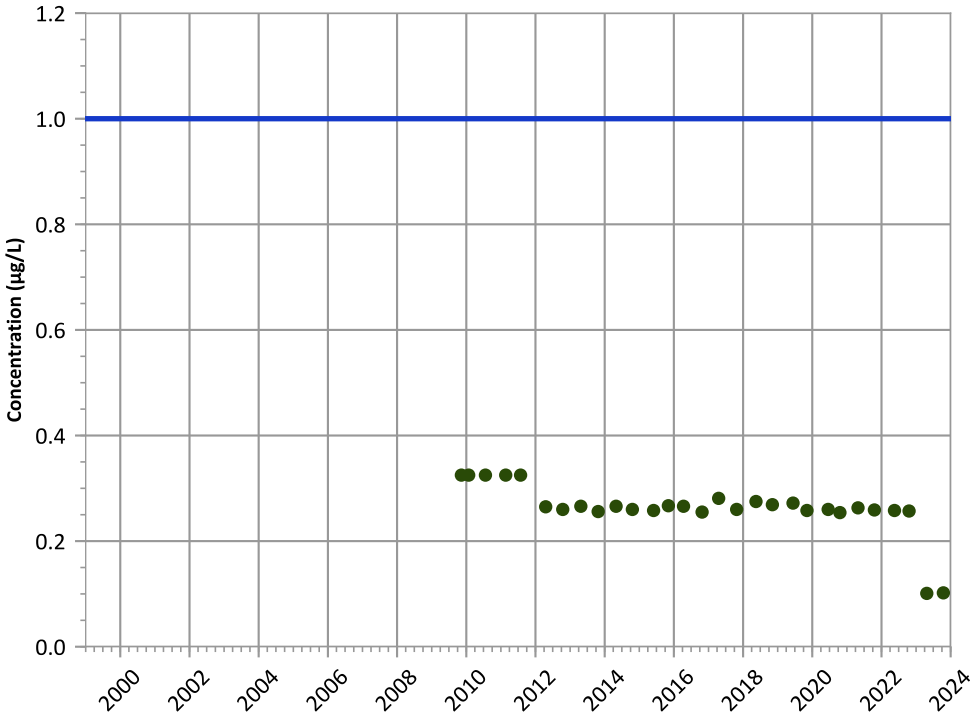
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



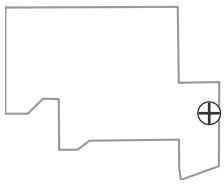
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

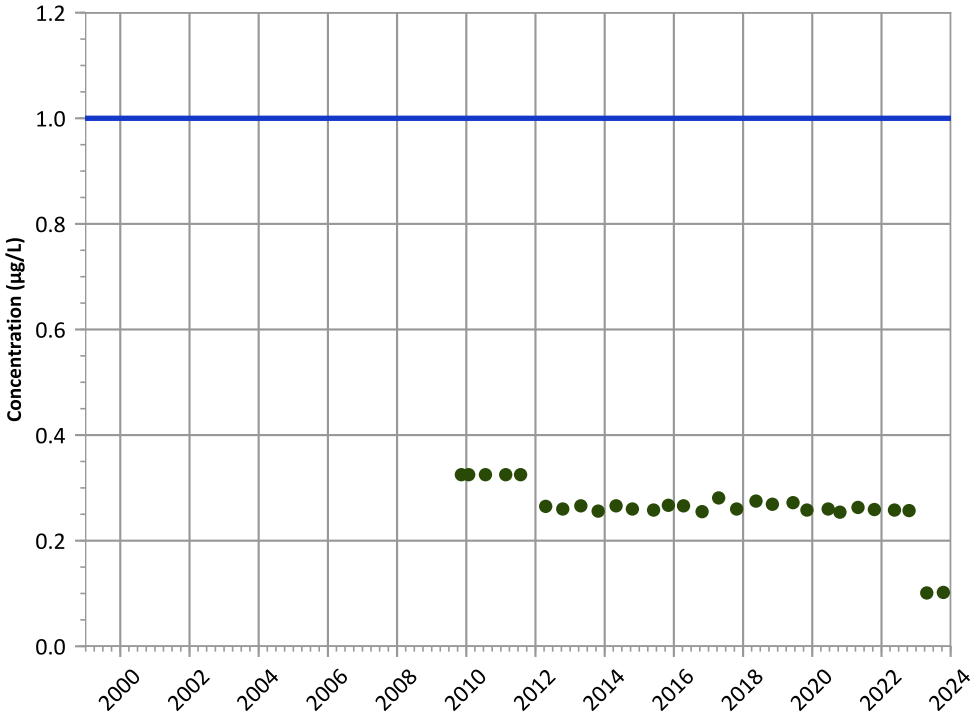
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

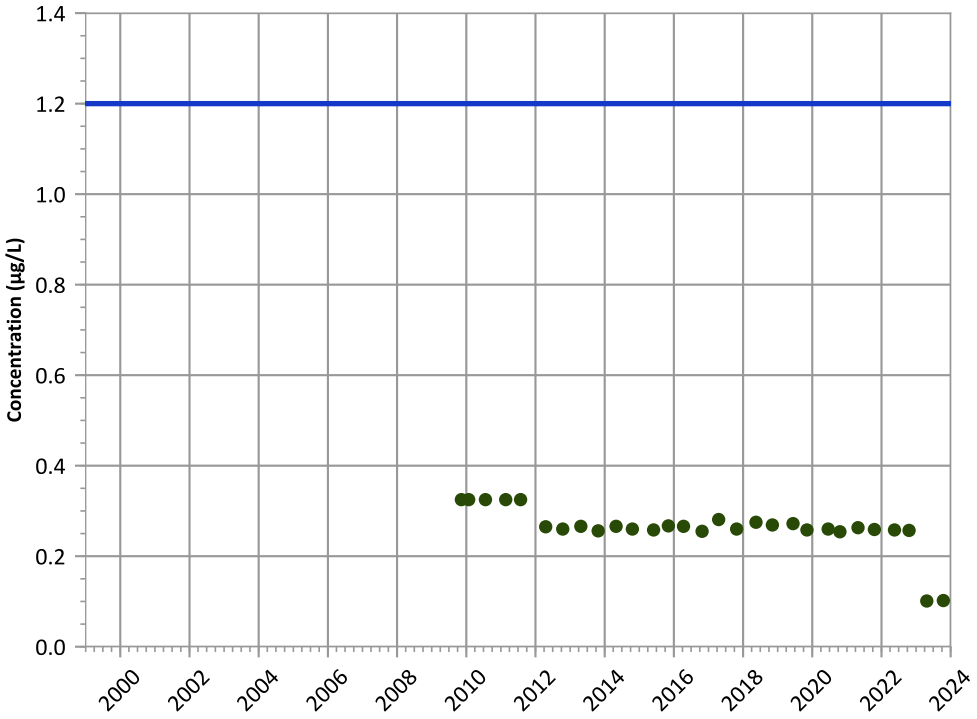
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



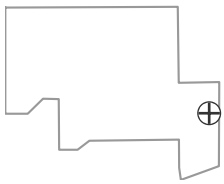
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

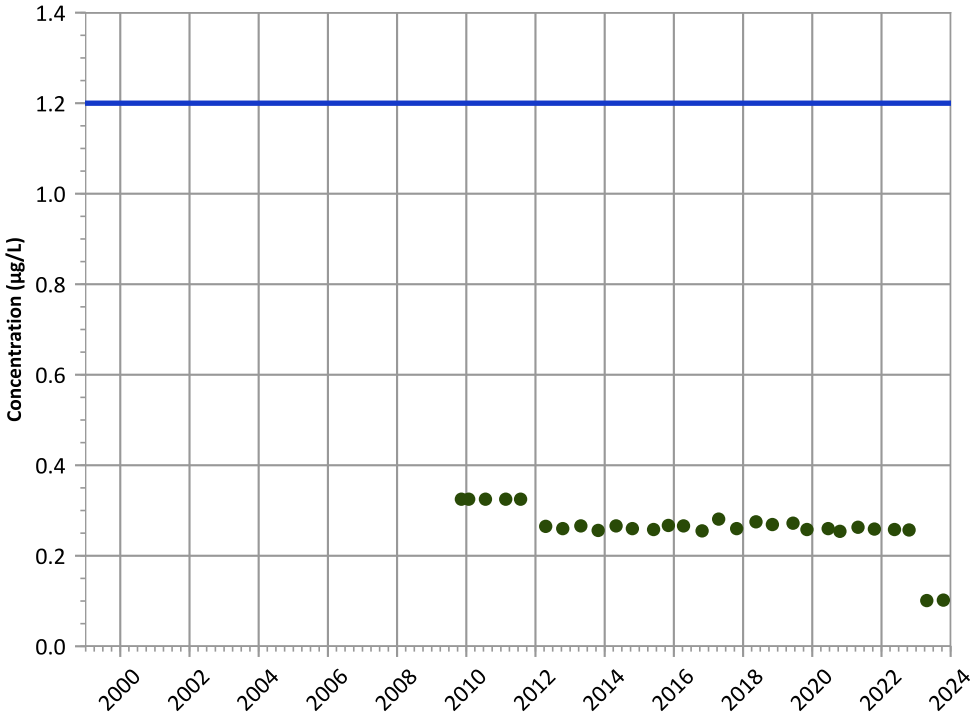
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

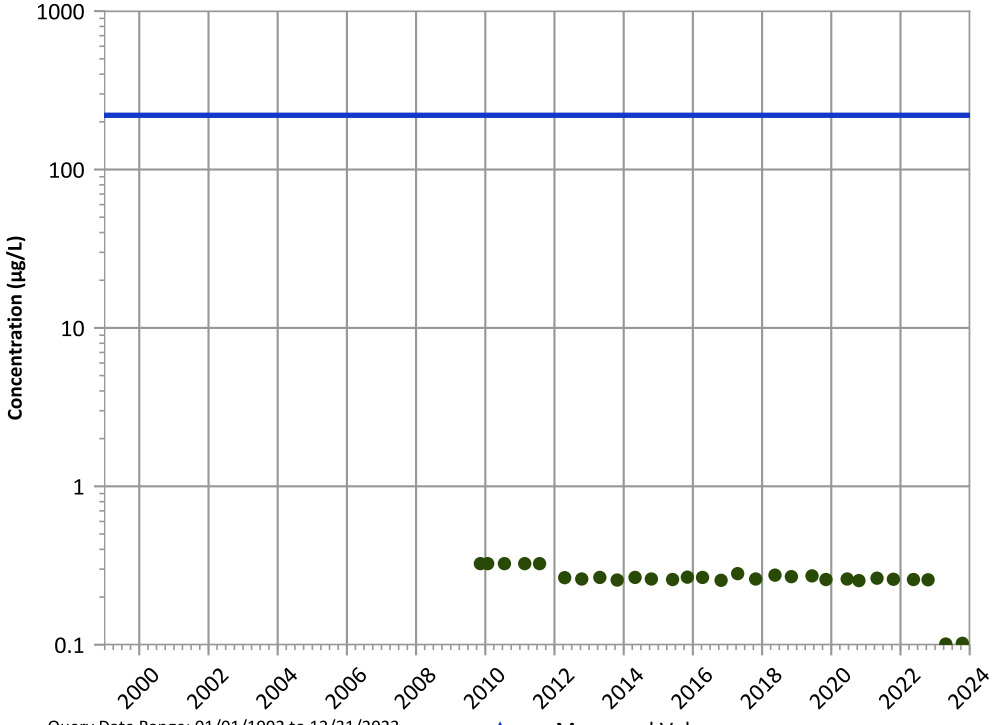


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend

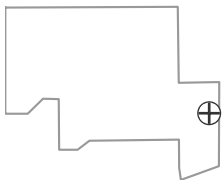


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

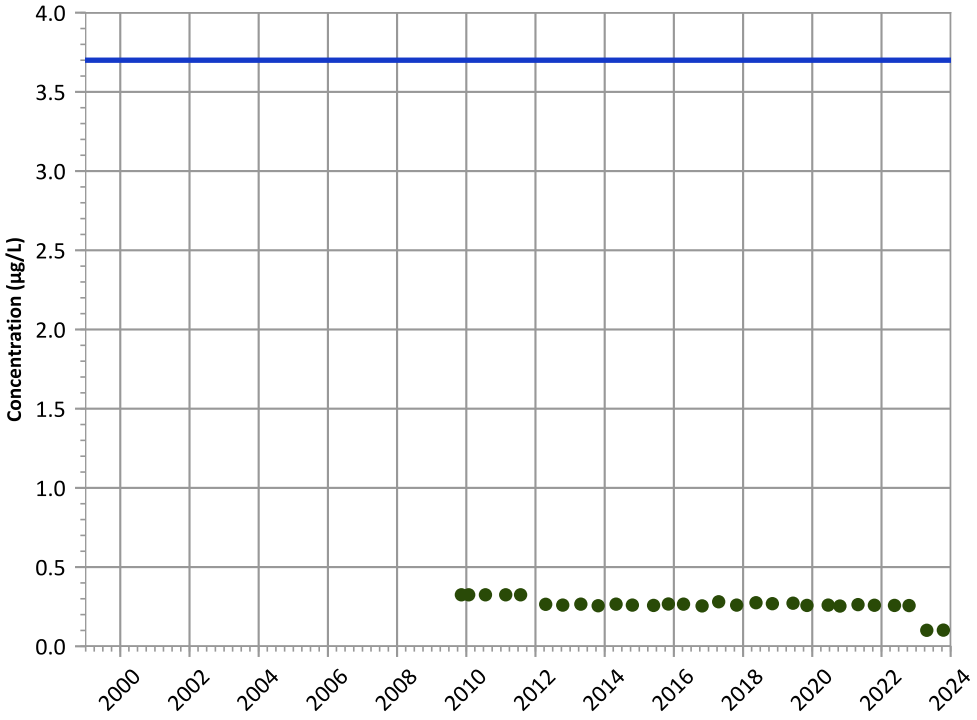


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

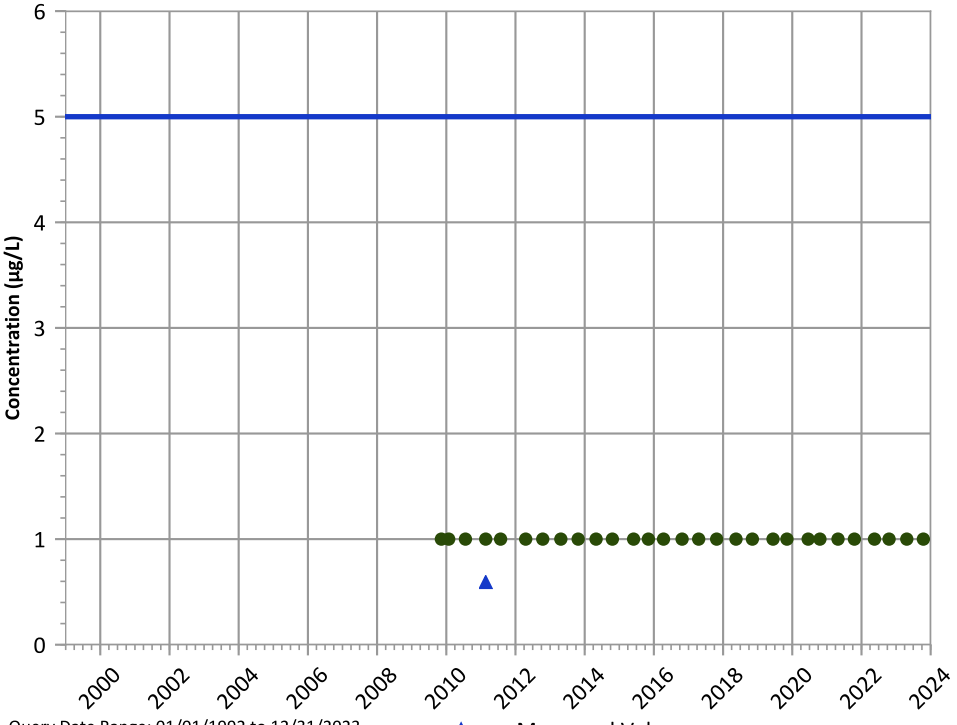


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

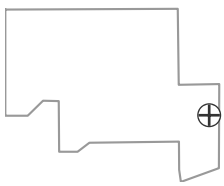
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

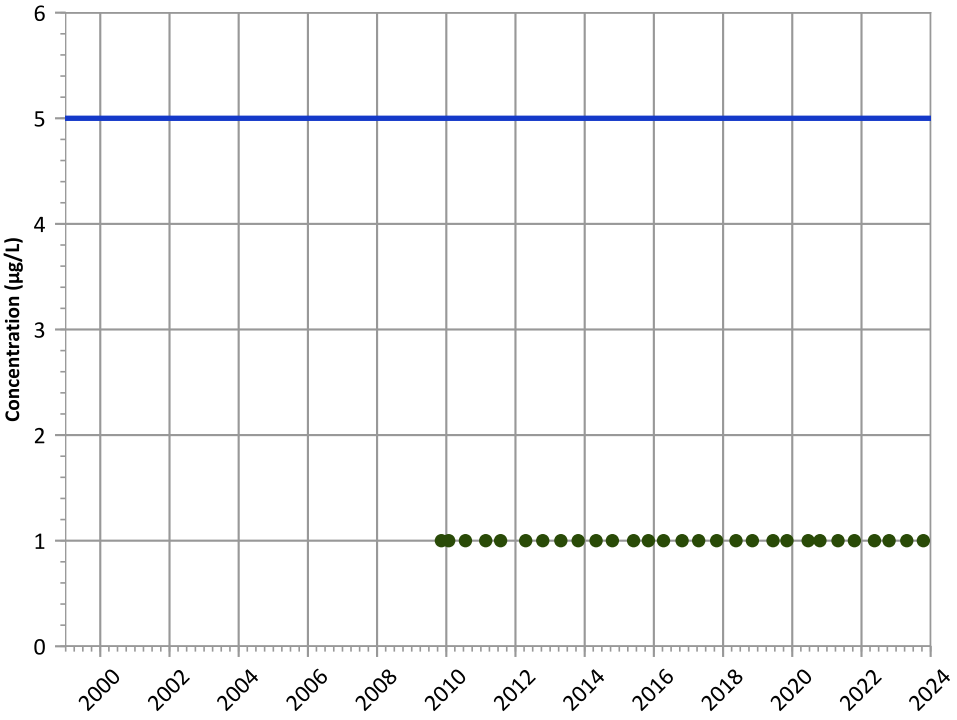
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

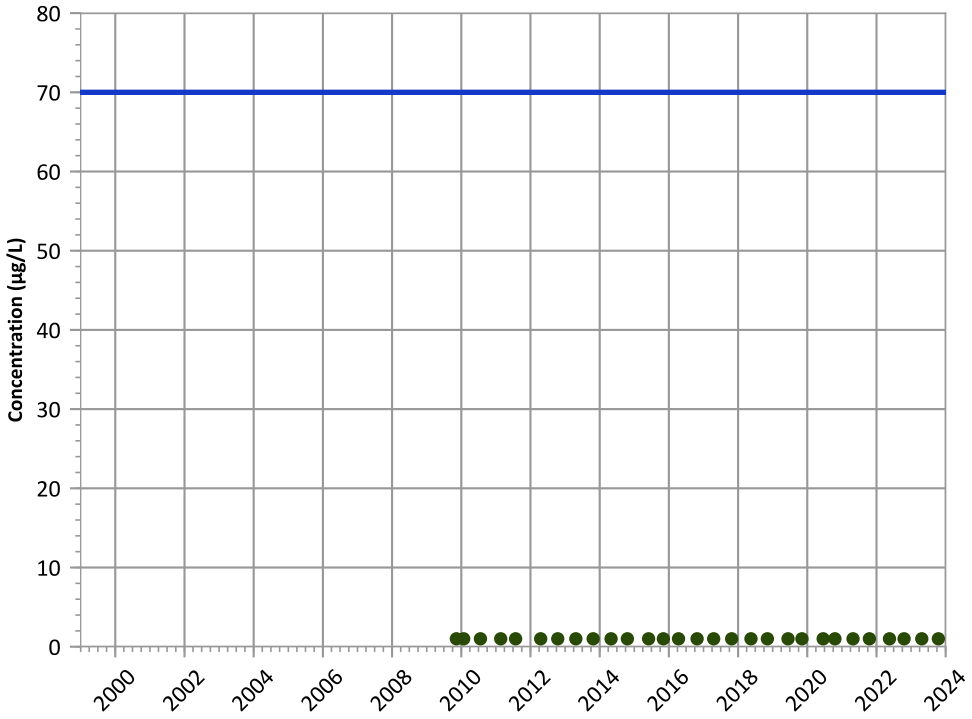
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



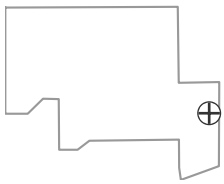
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

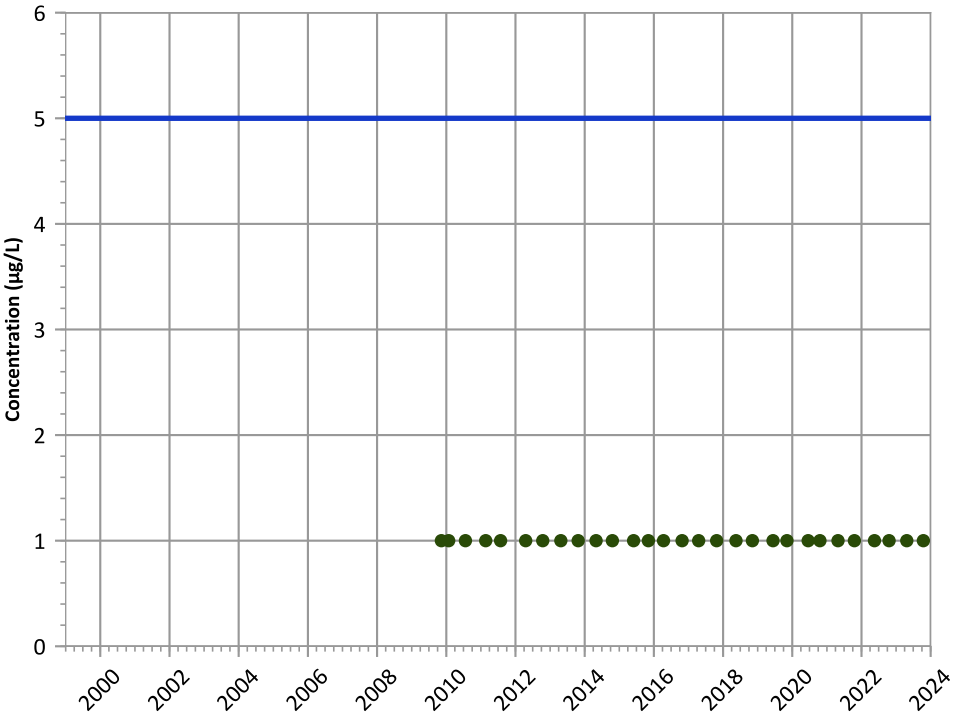
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

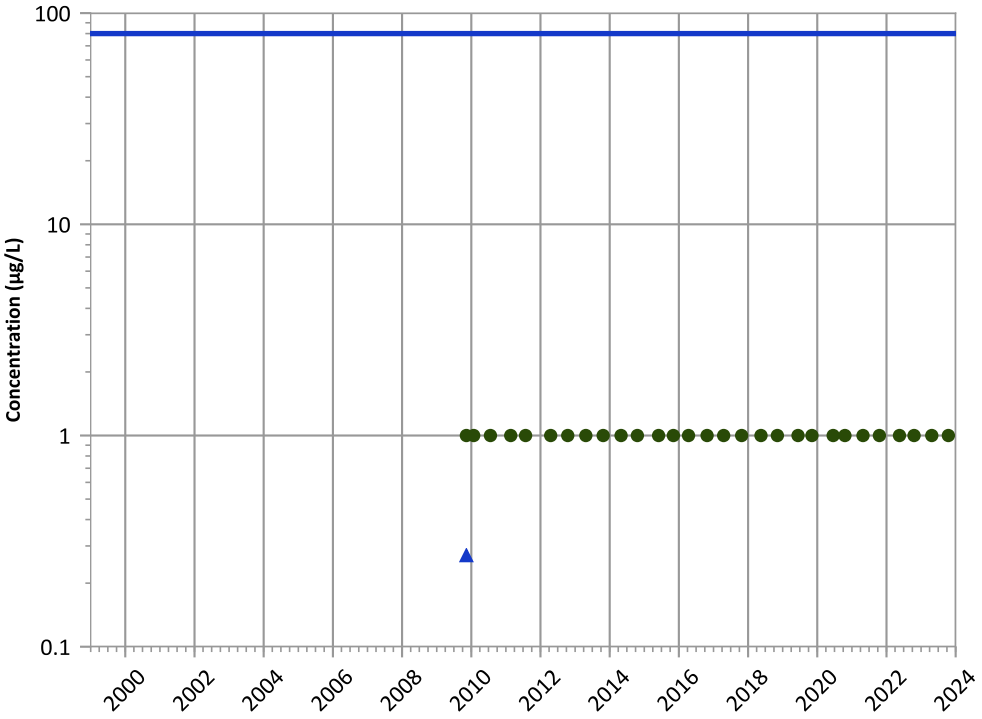


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Chloroform Trend



Concentration Trend

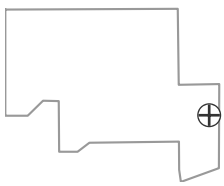
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

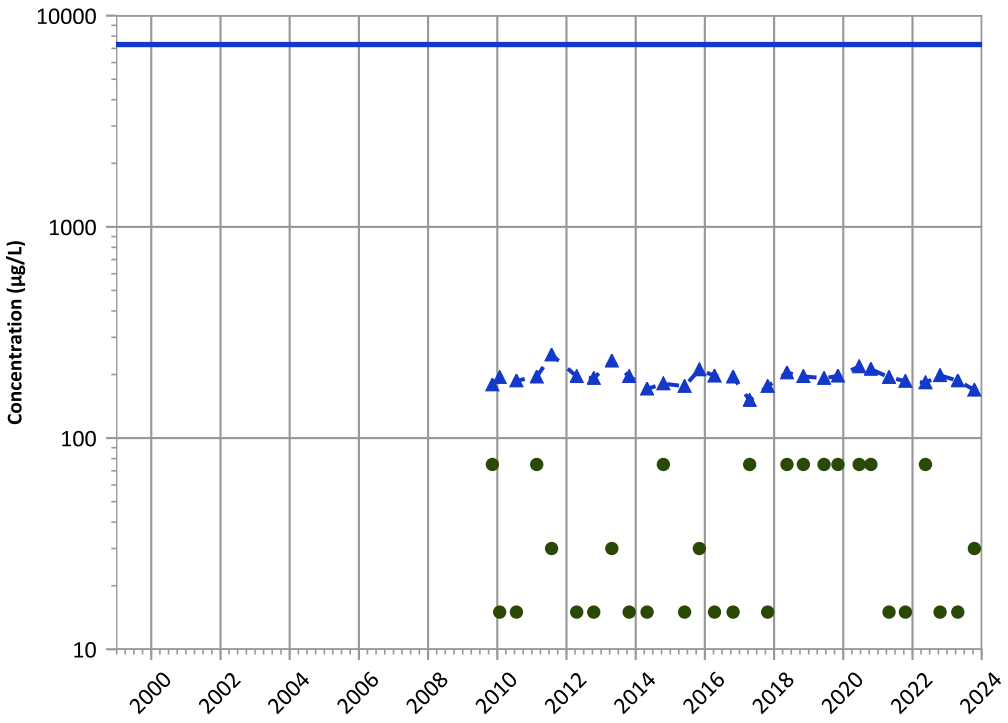
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

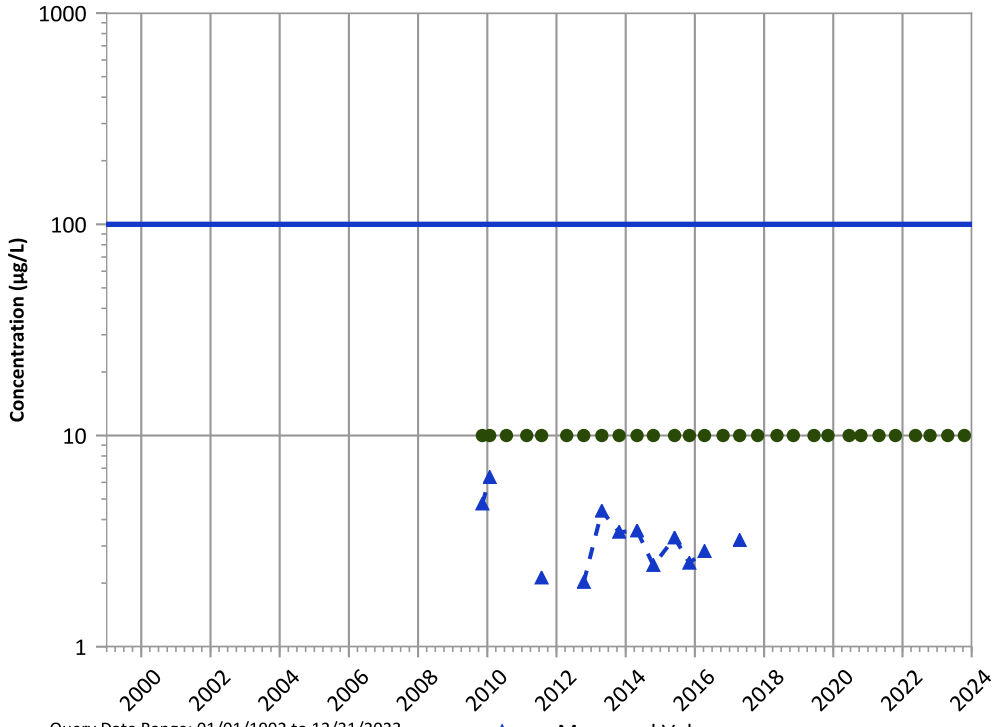


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Chromium, Total Trend



Concentration Trend

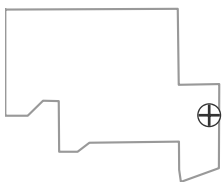
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

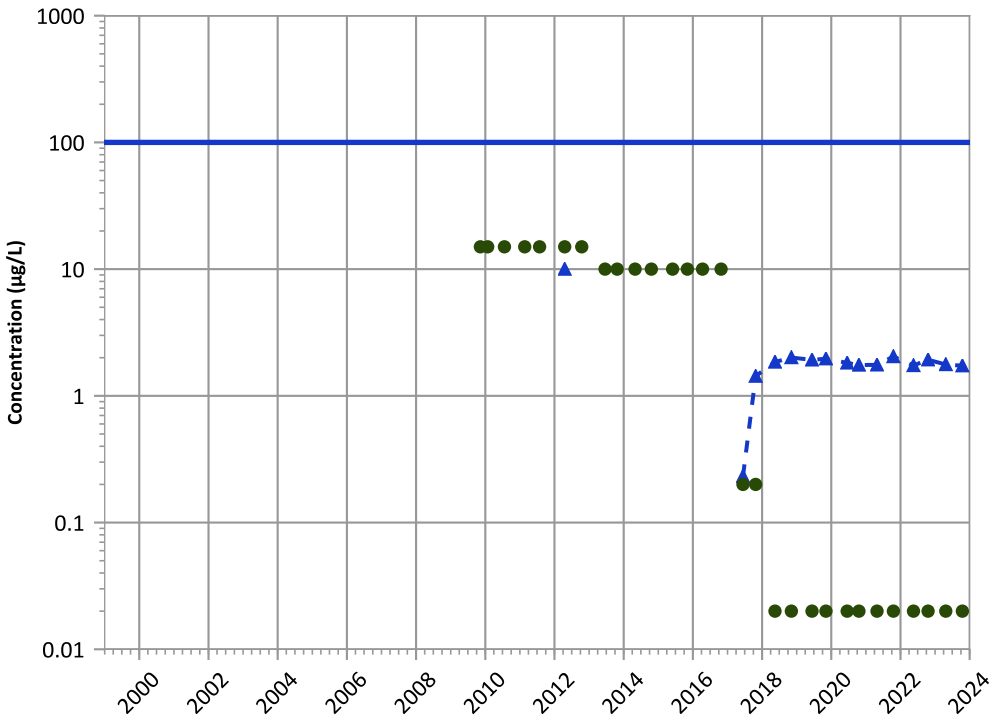
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

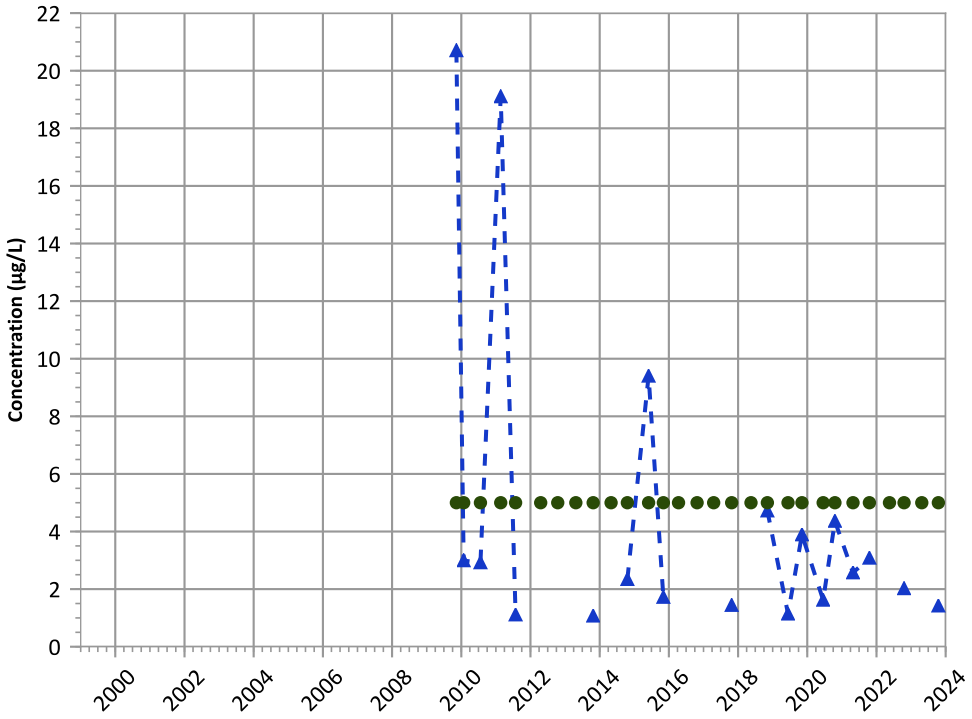


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Manganese Trend



Concentration Trend

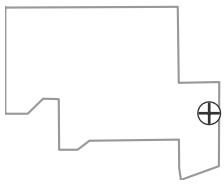
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

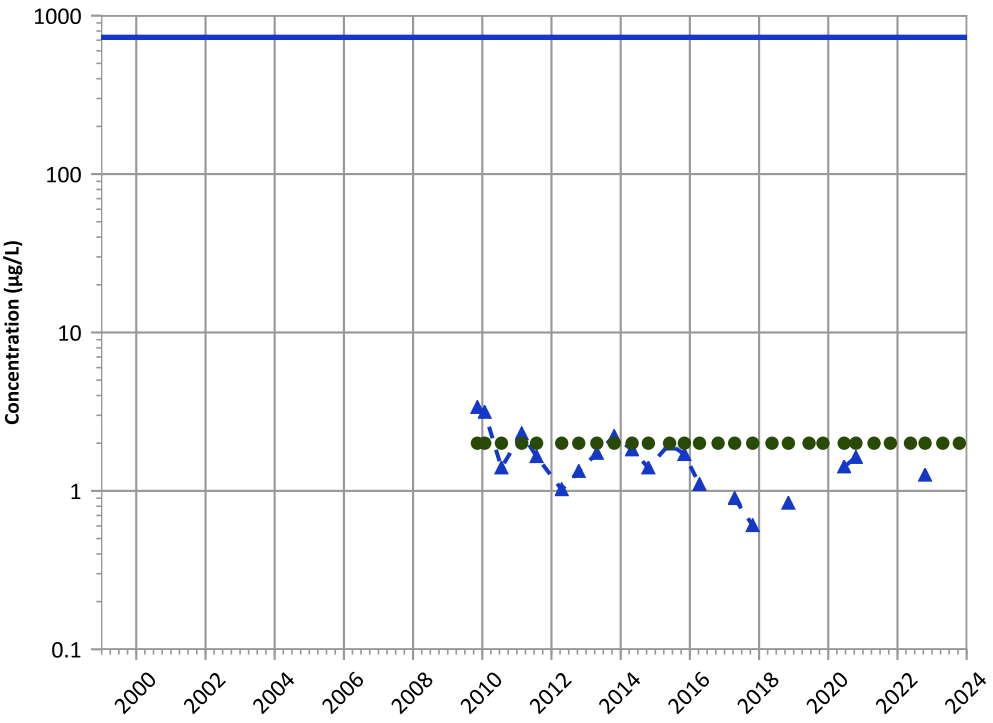
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

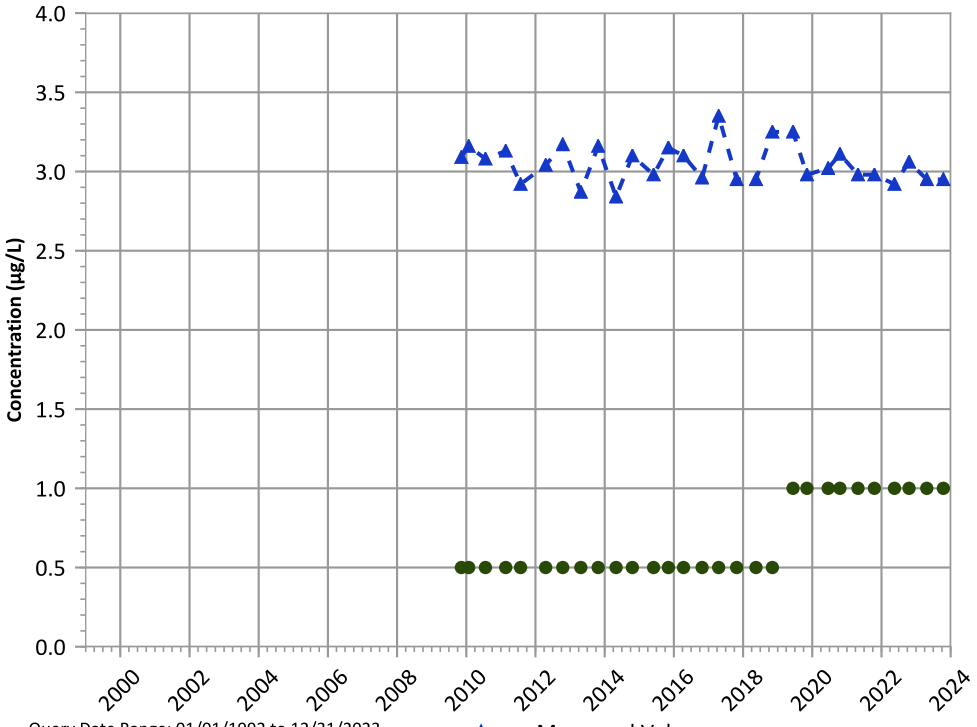


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Molybdenum Trend



Concentration Trend

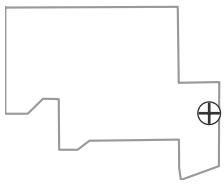
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

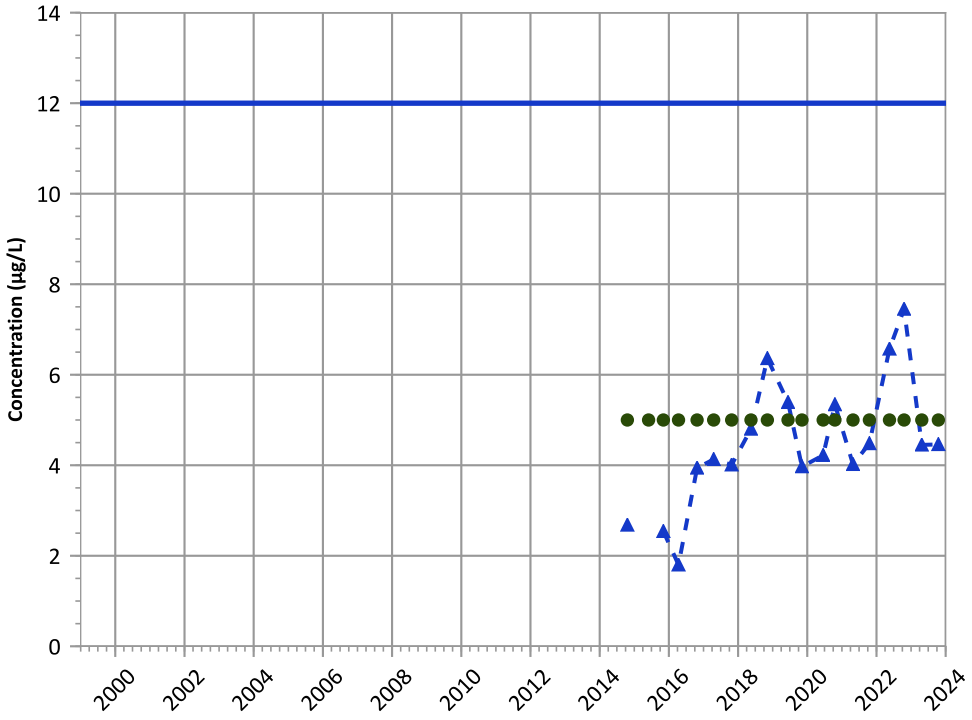
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

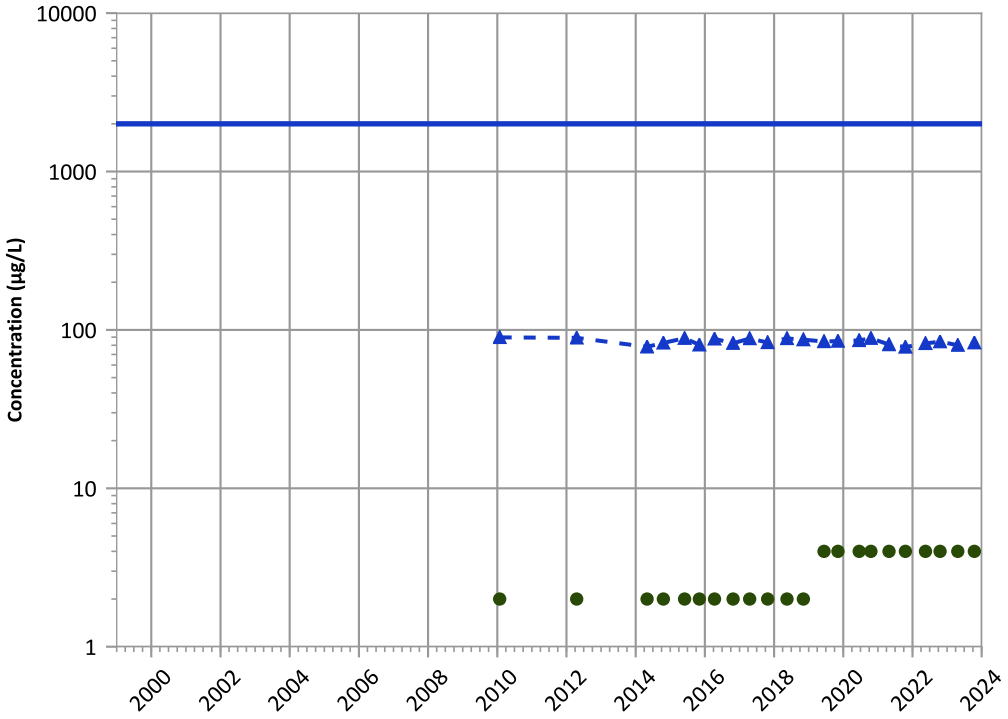
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Barium Trend



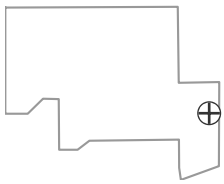
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

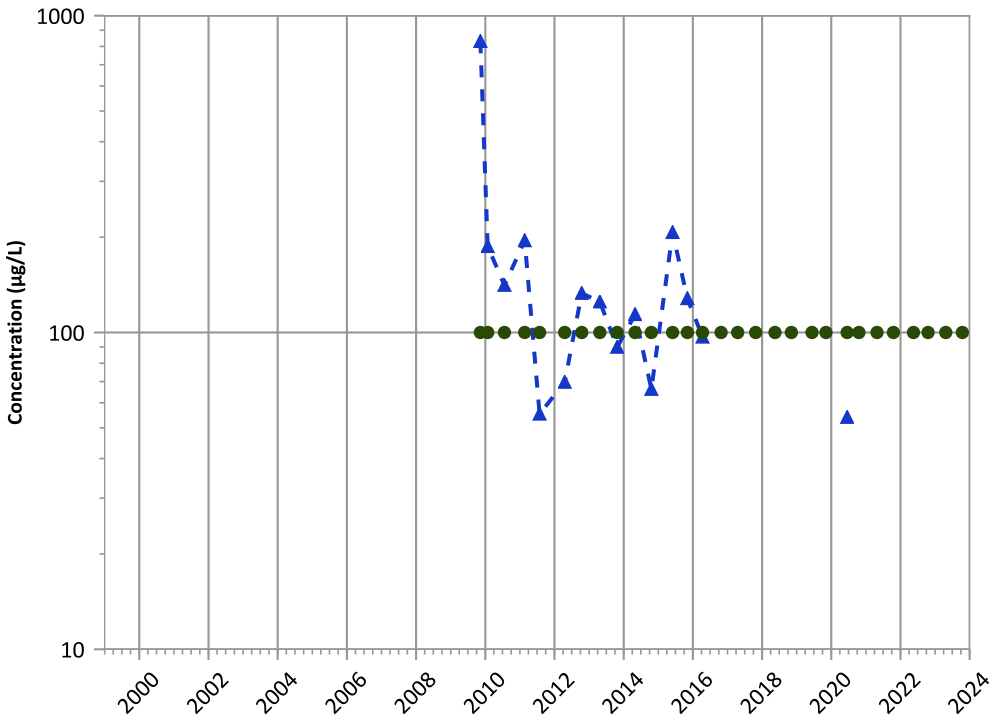
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

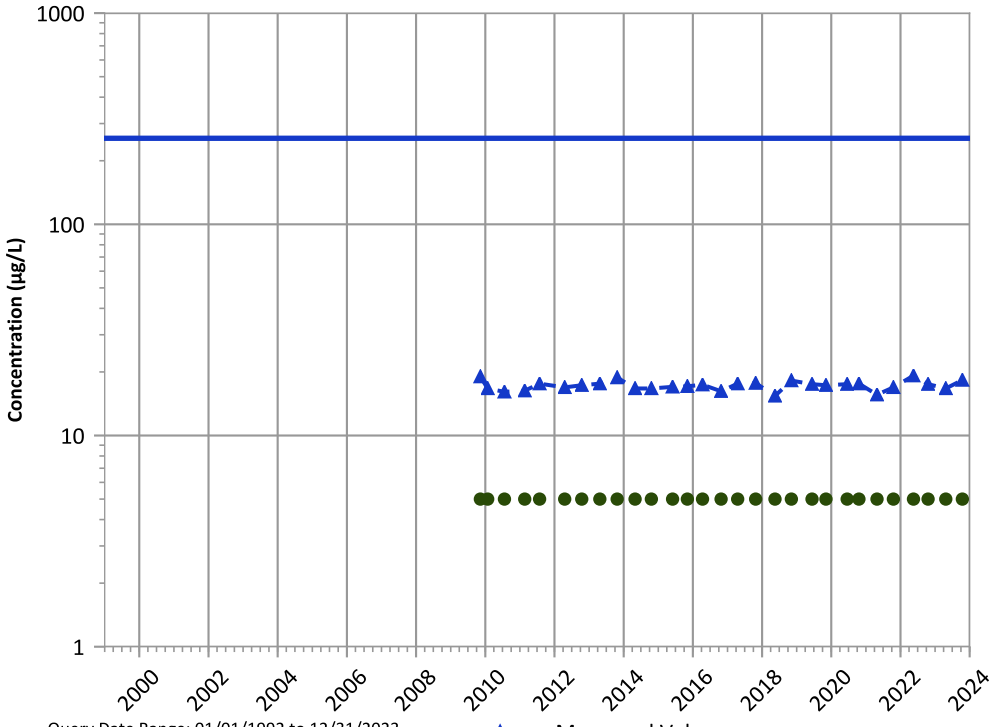


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Vanadium Trend



Concentration Trend

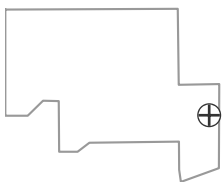
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

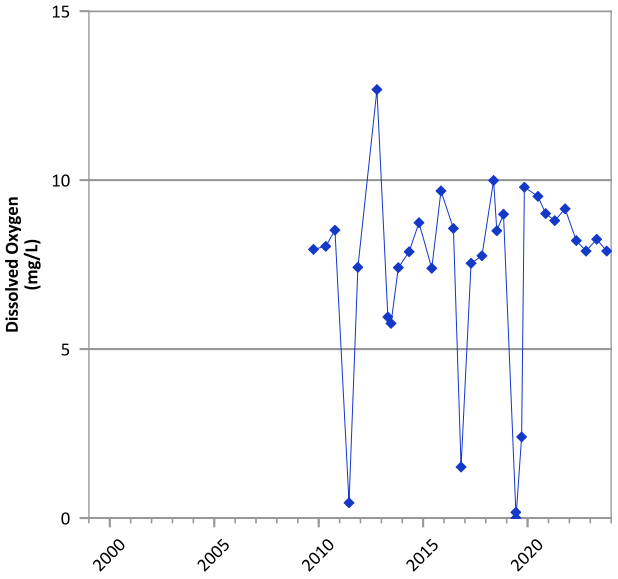
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/10/2009 to 10/16/2023
Analysis Date: 03/29/2024

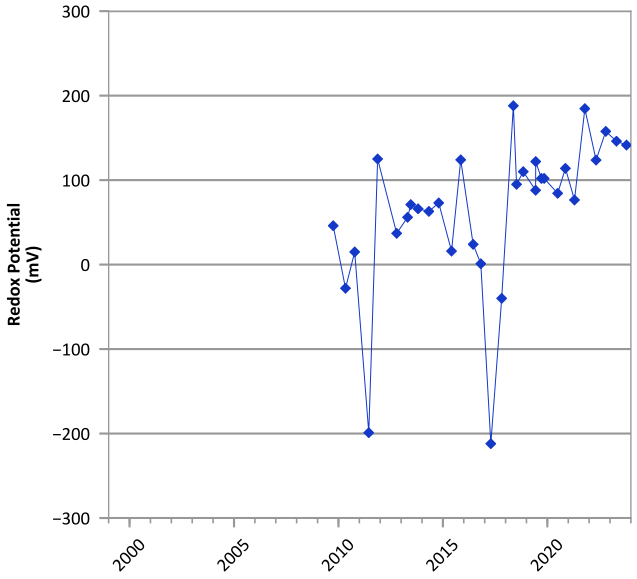
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

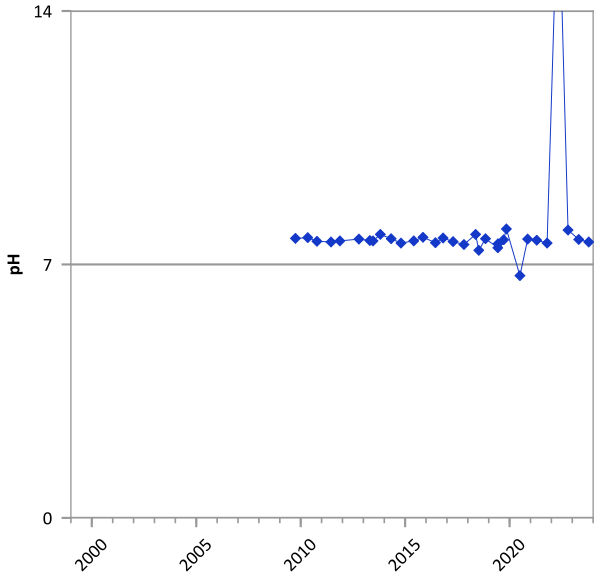
Well Location

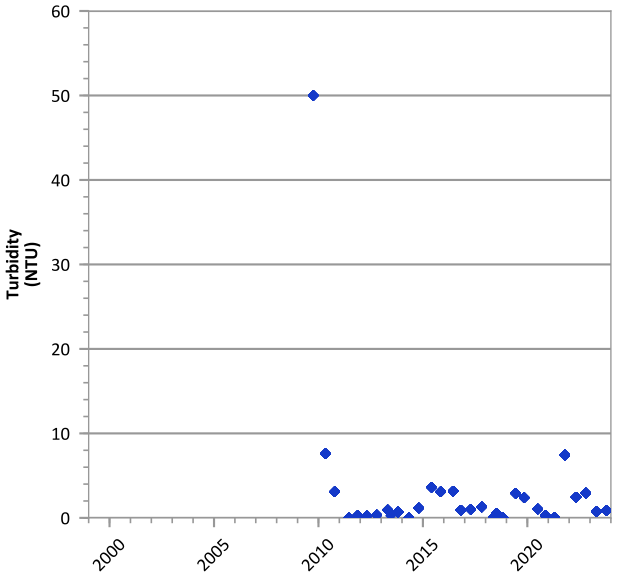


PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

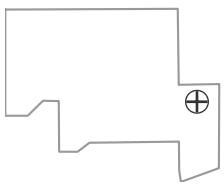






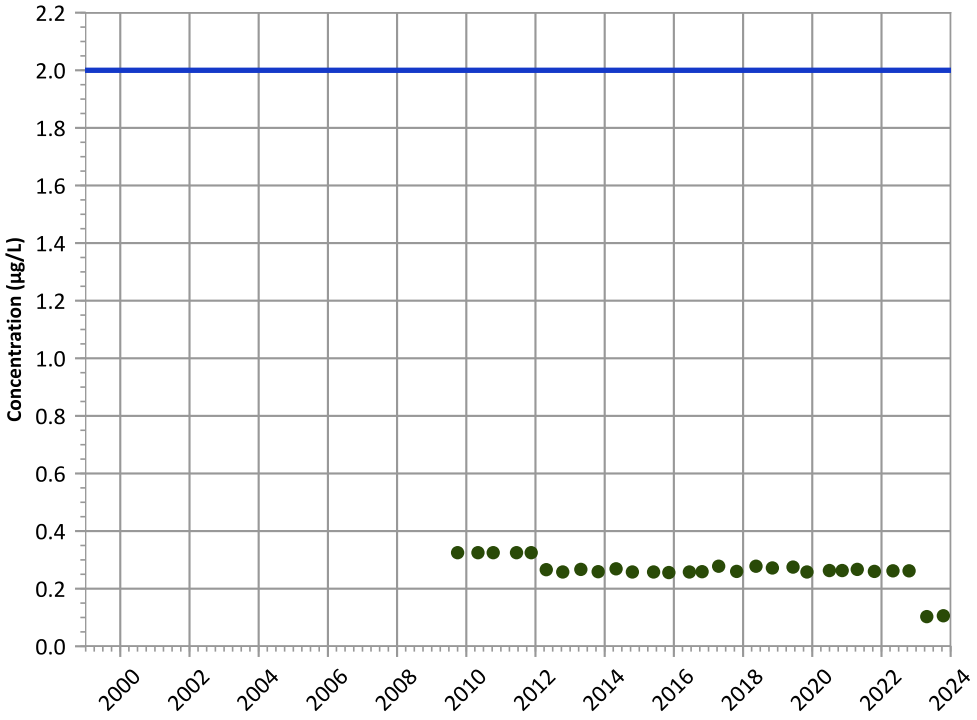


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

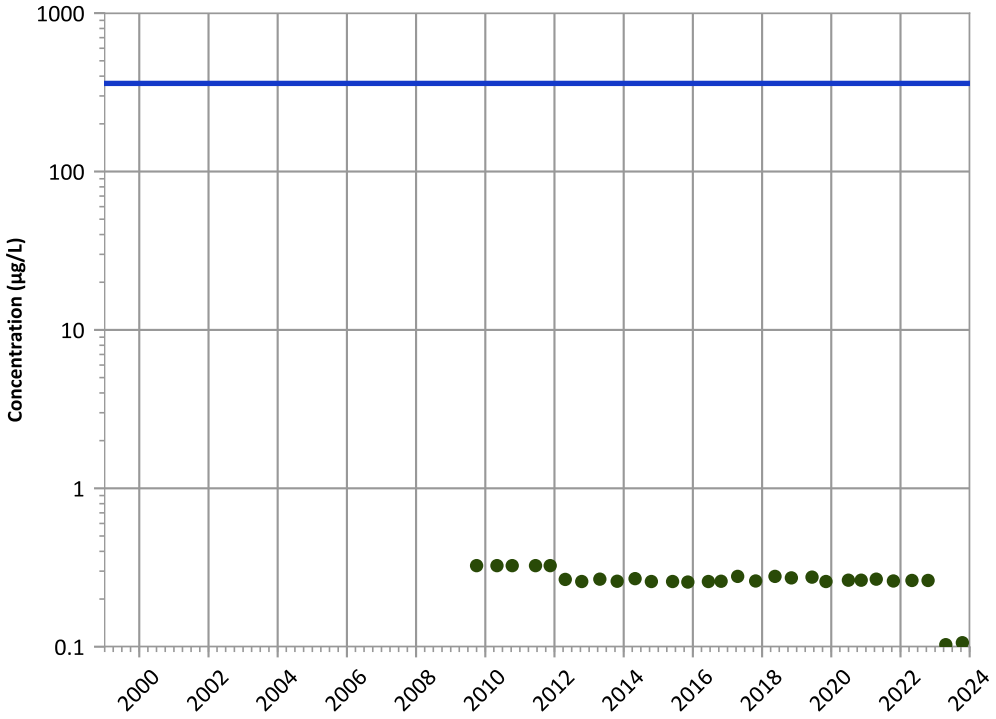


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

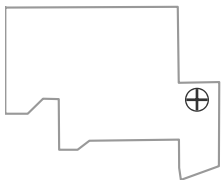


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

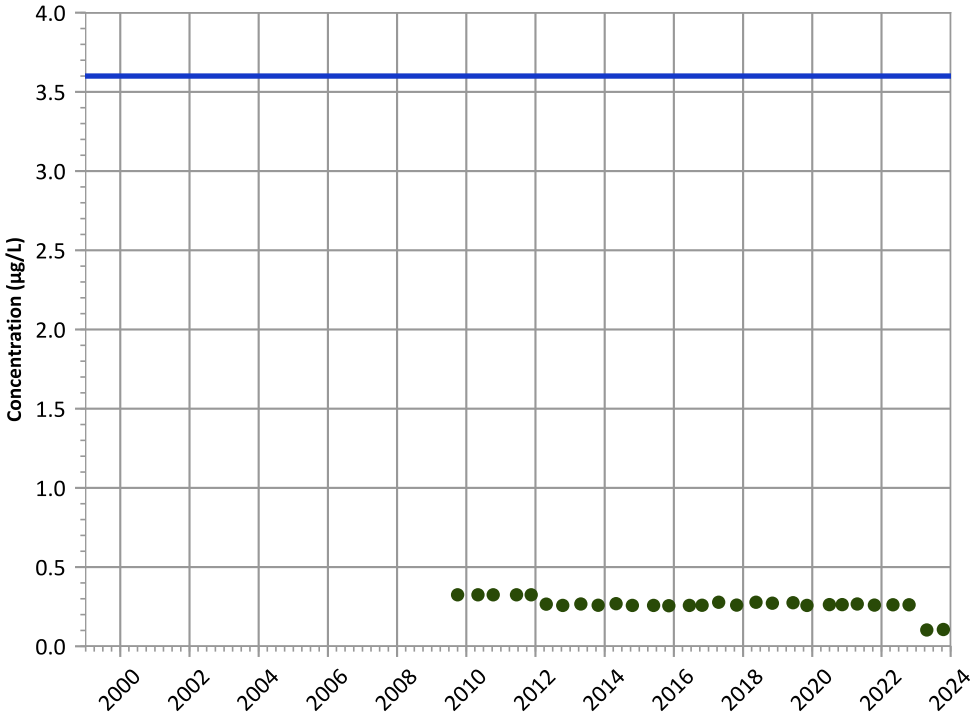


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

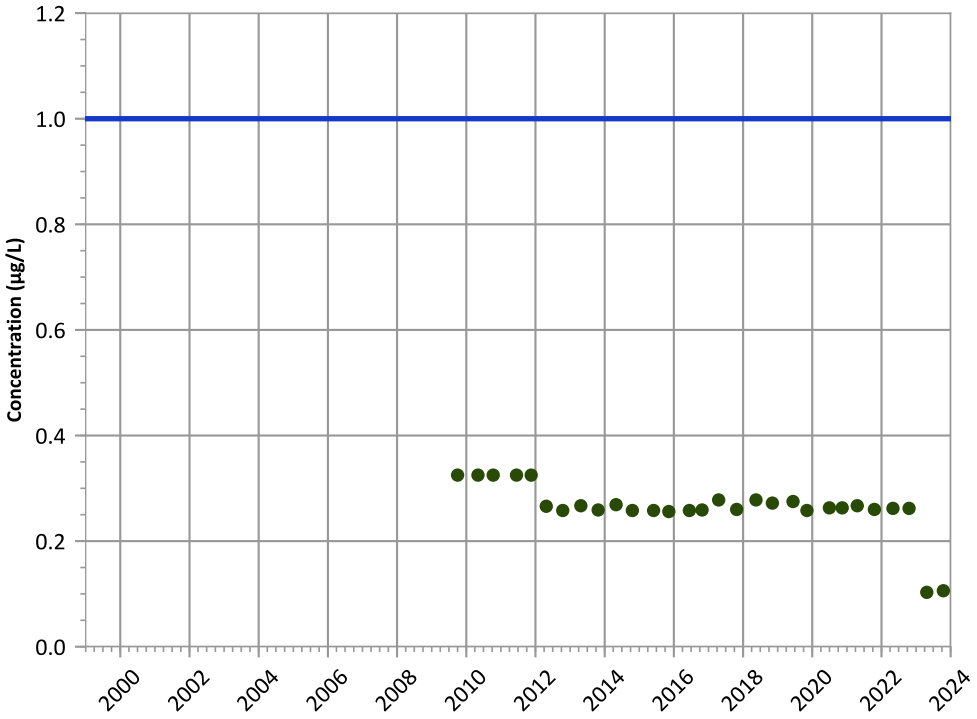
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



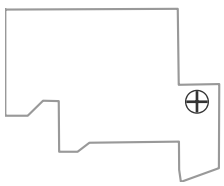
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

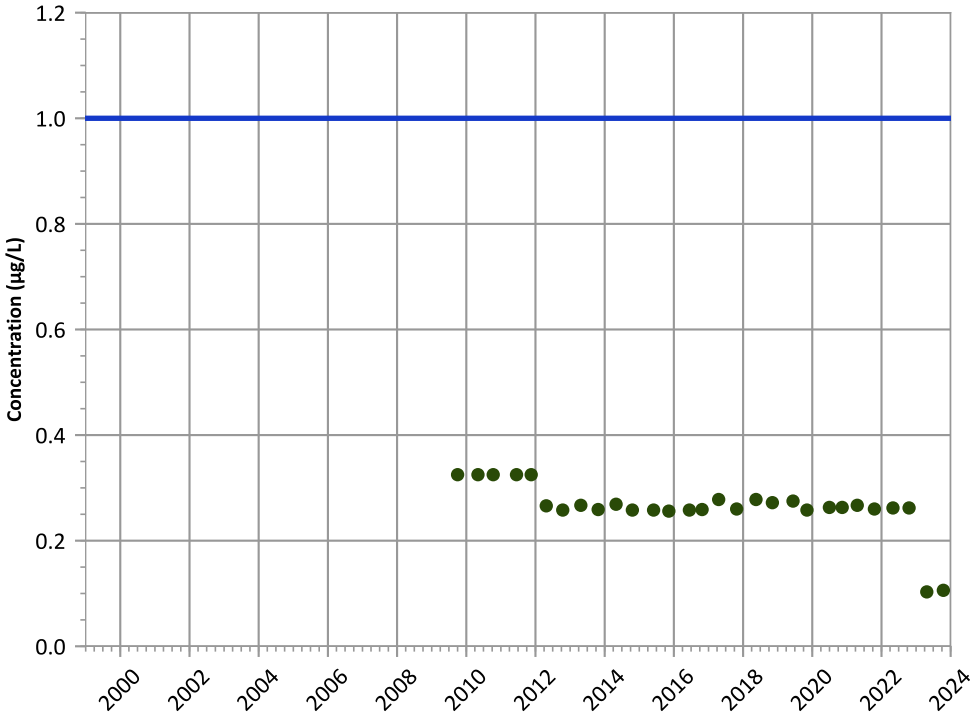
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

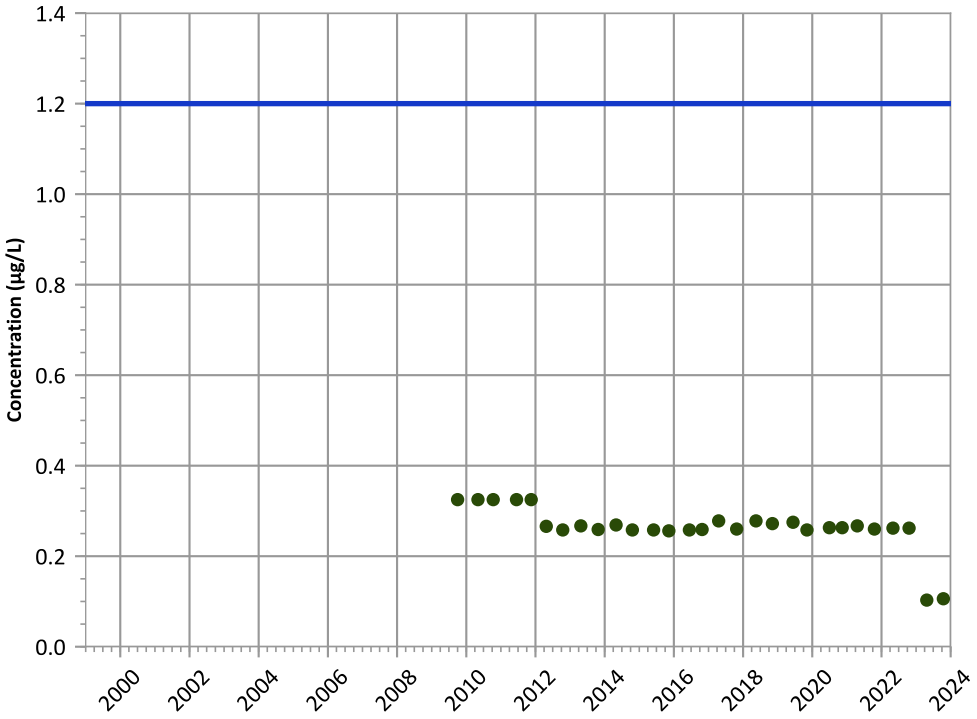


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

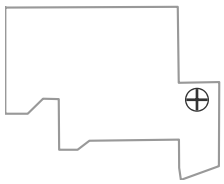
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

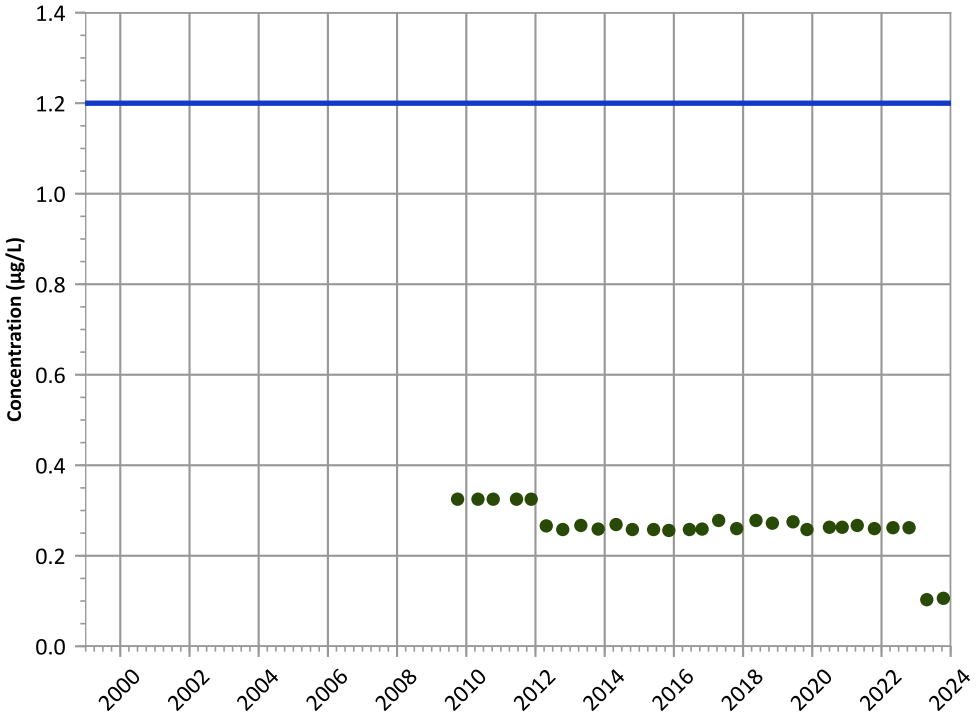
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

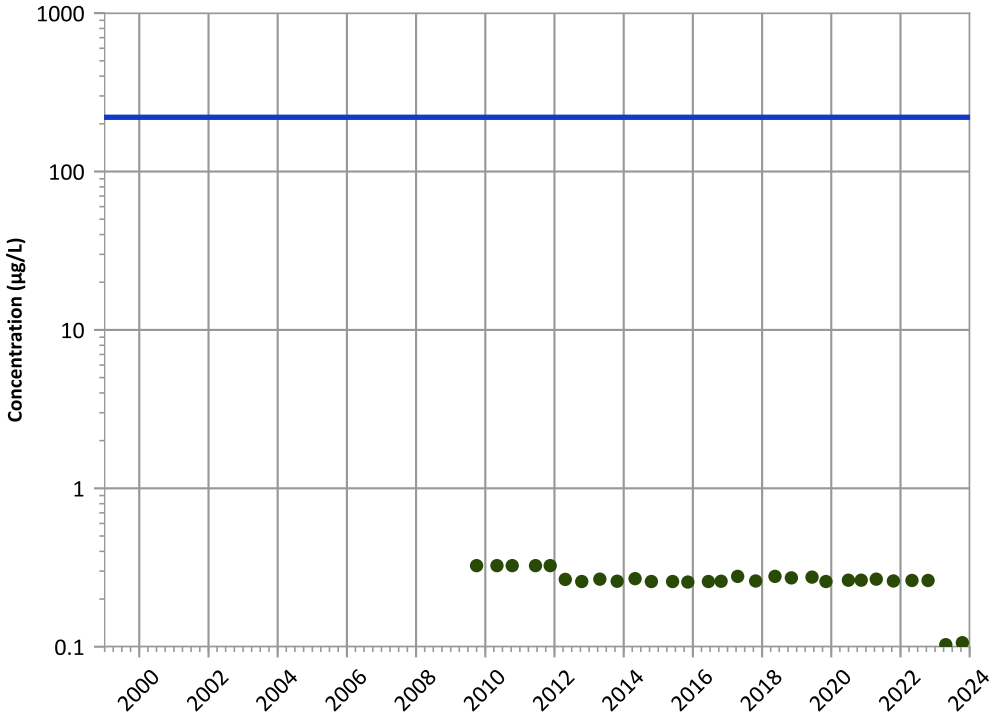


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

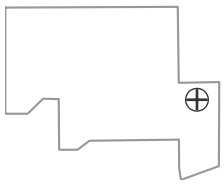
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

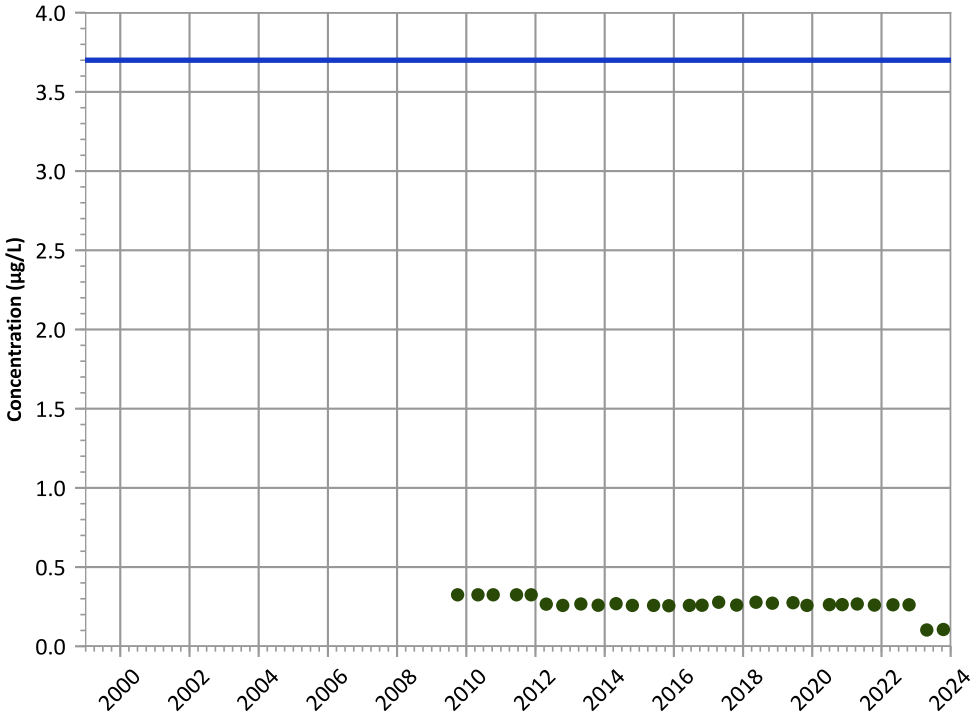
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

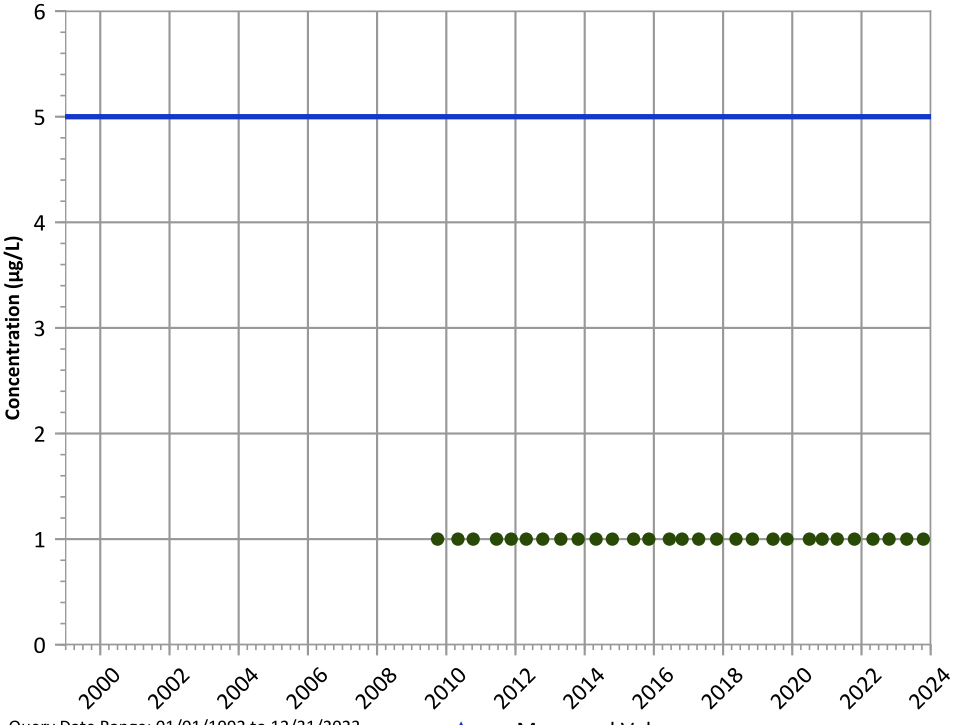


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

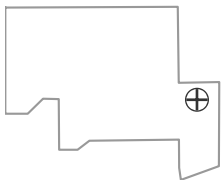
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

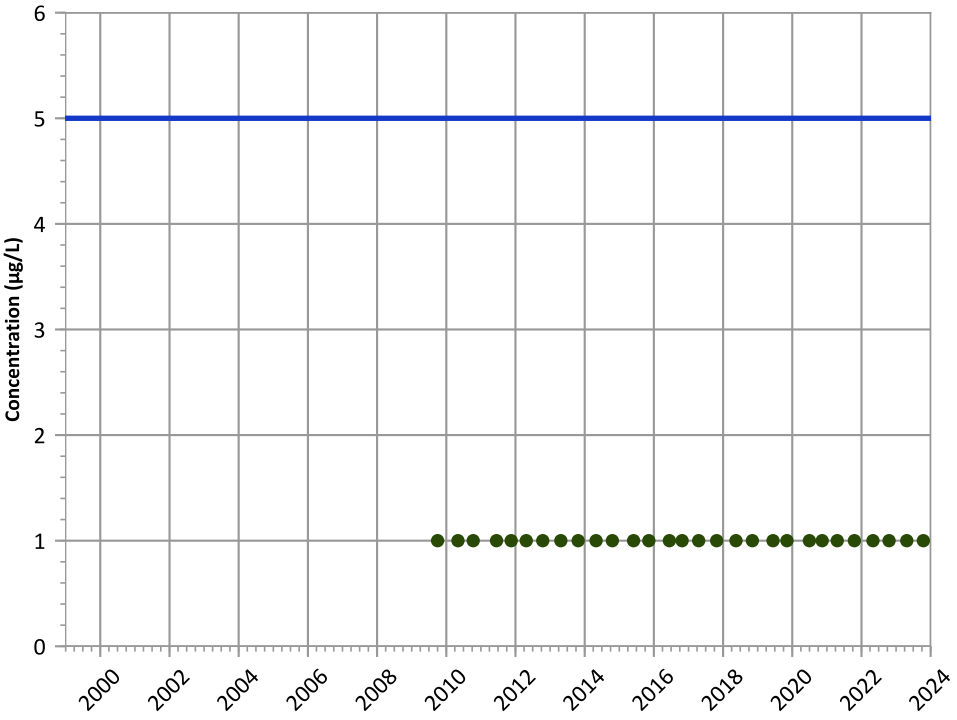
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

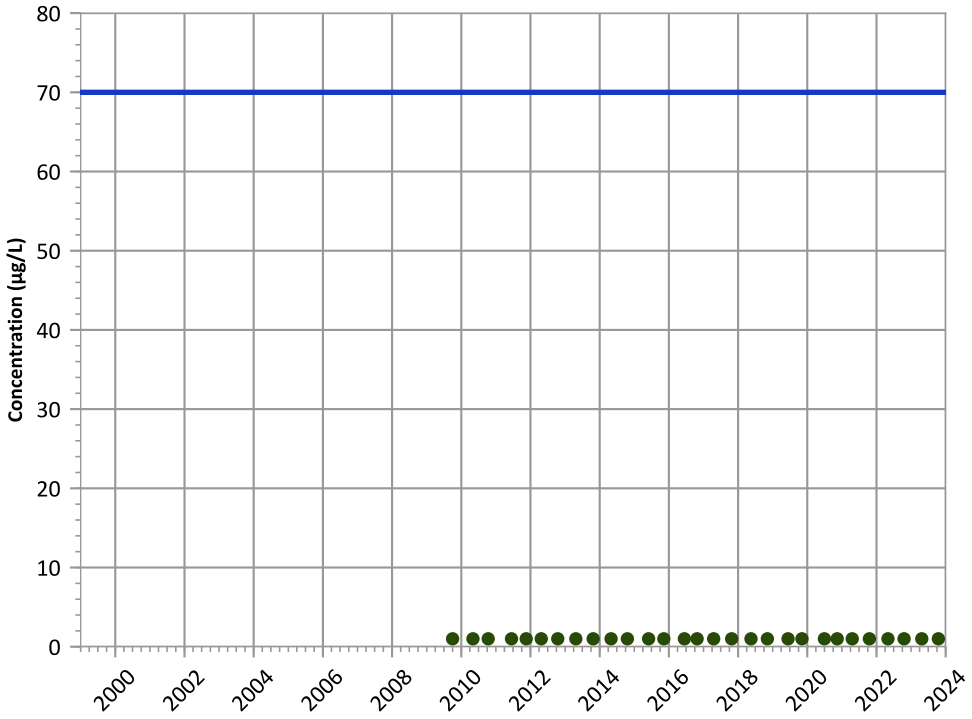
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



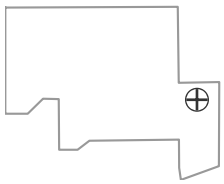
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

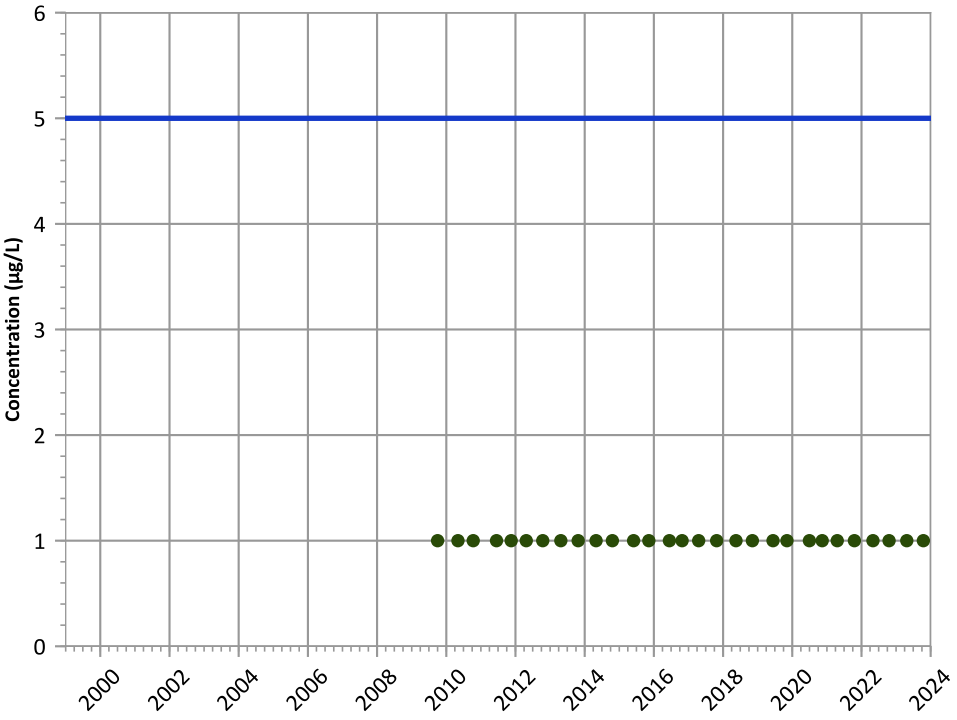
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

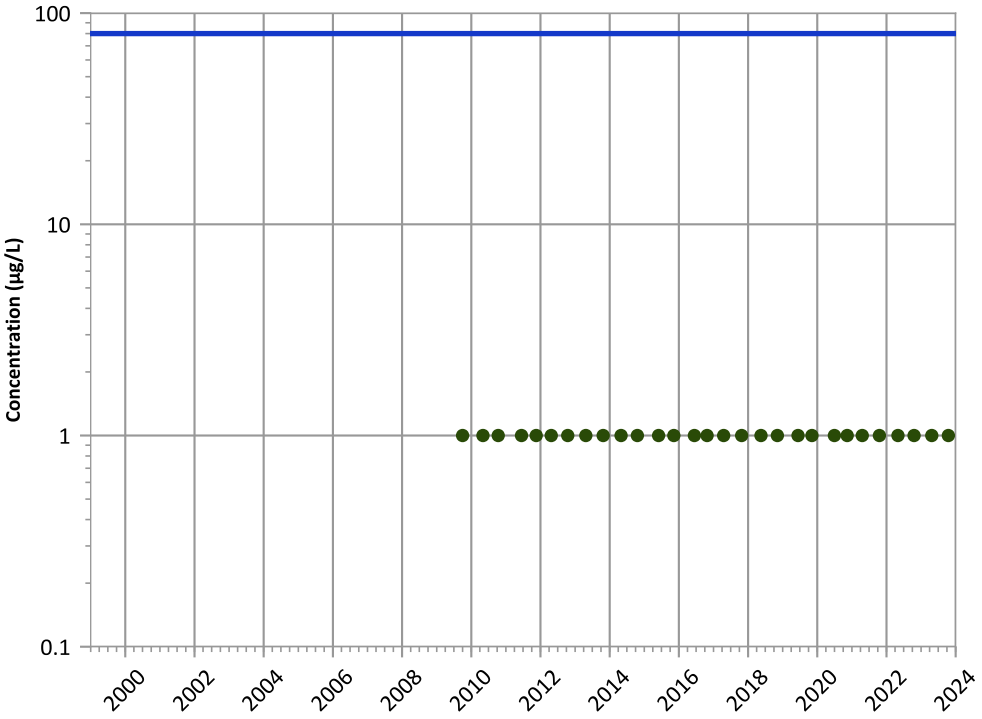
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Chloroform Trend



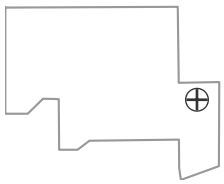
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

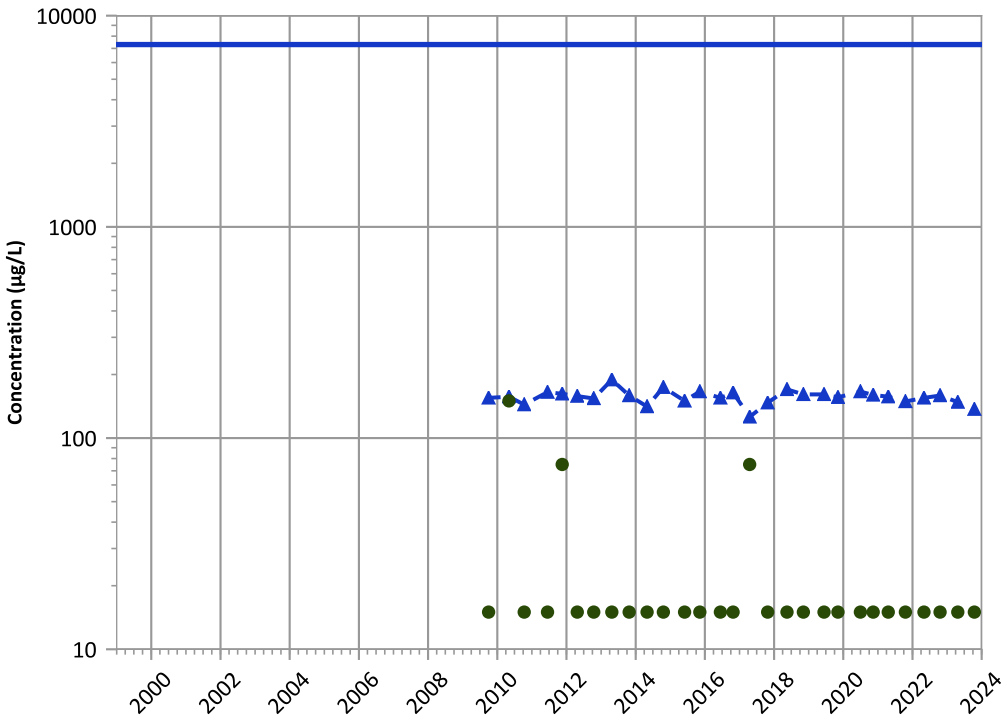
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

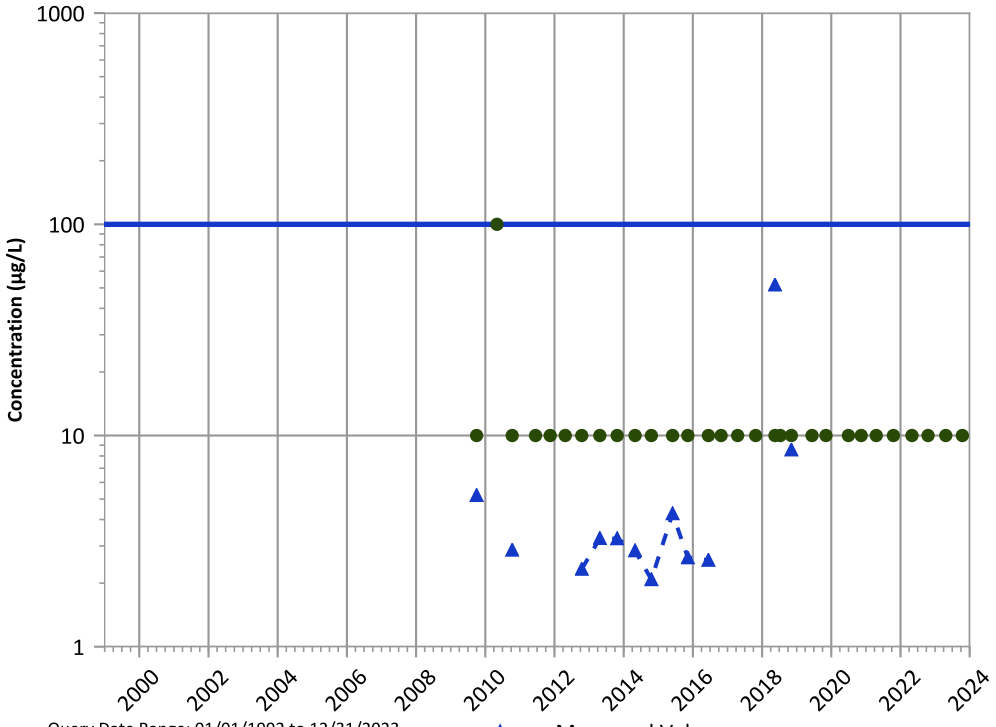


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Decreasing

Chromium, Total Trend



Concentration Trend

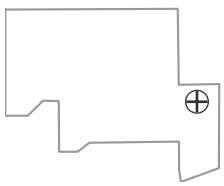
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

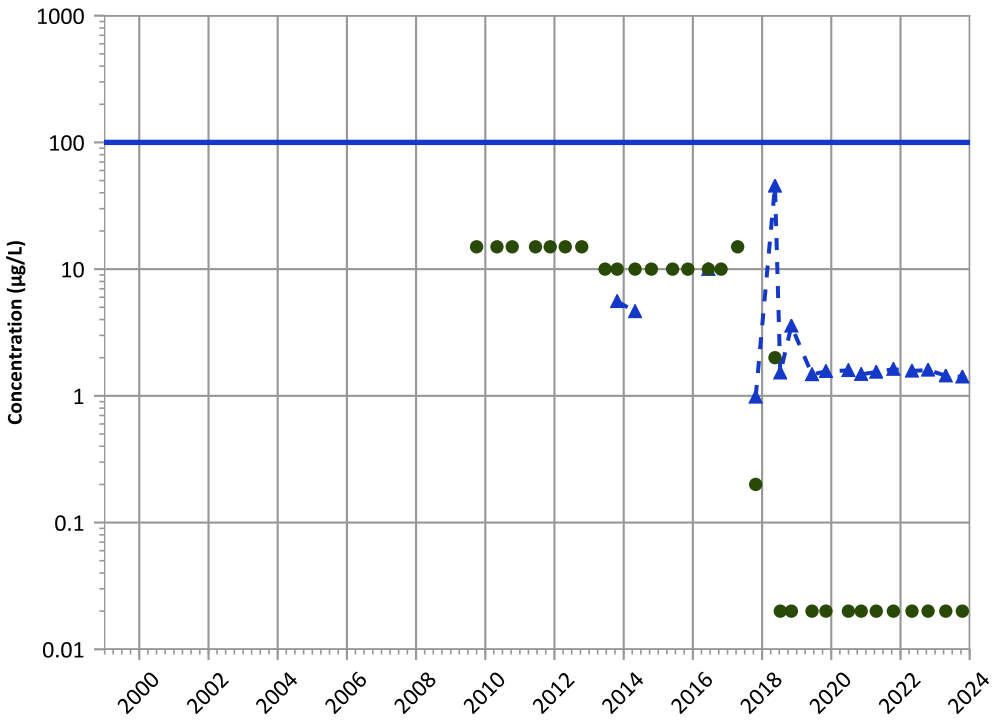
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

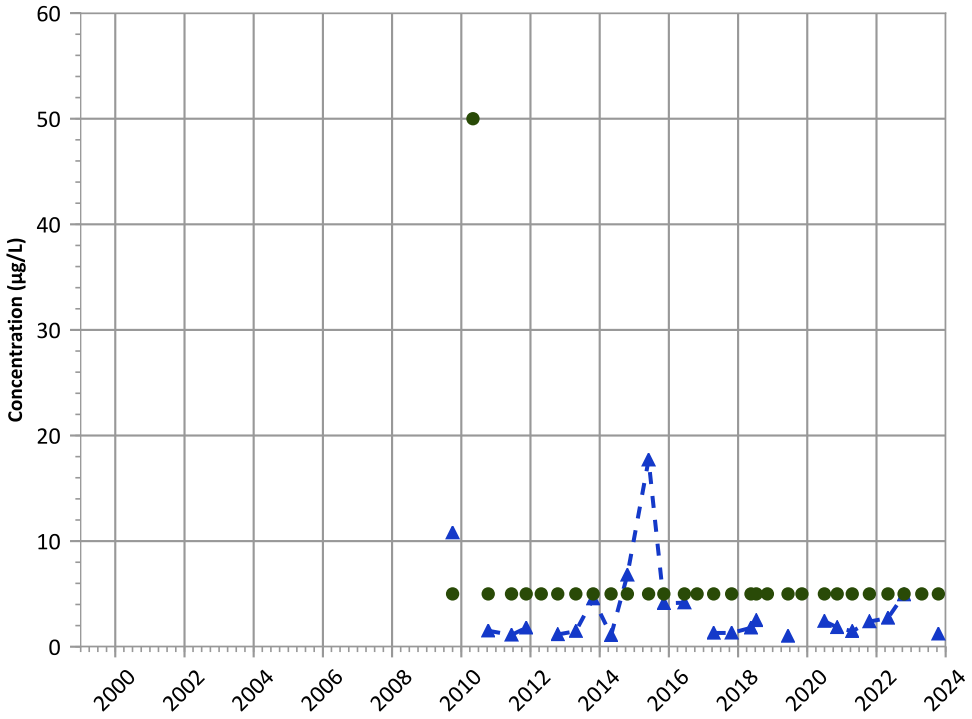


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

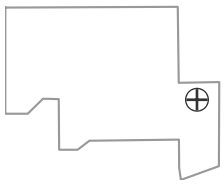
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

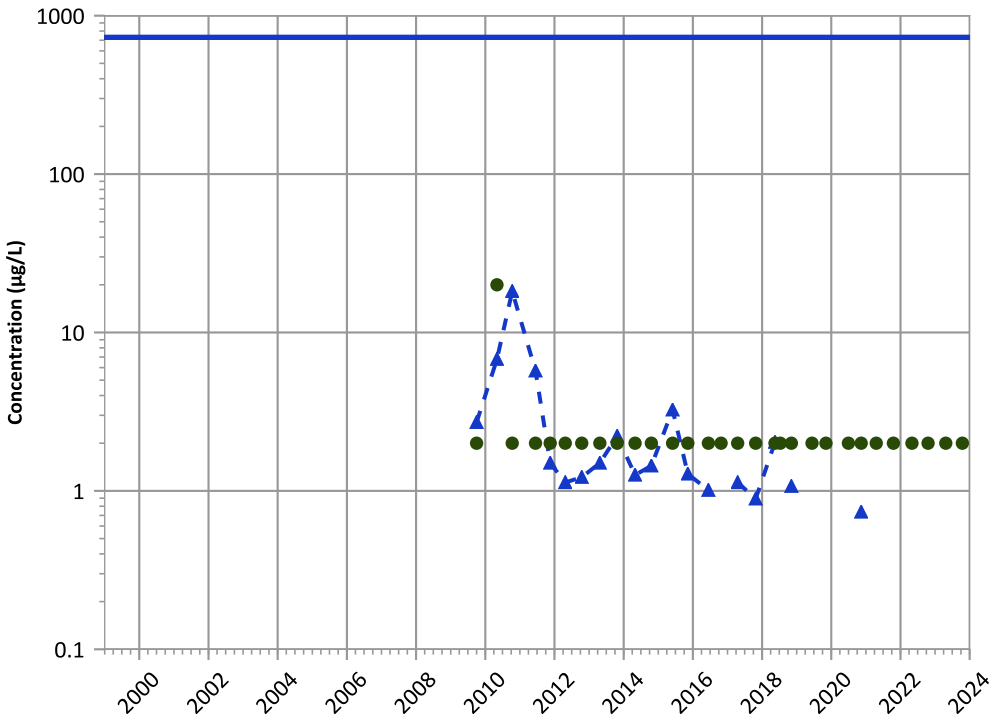
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

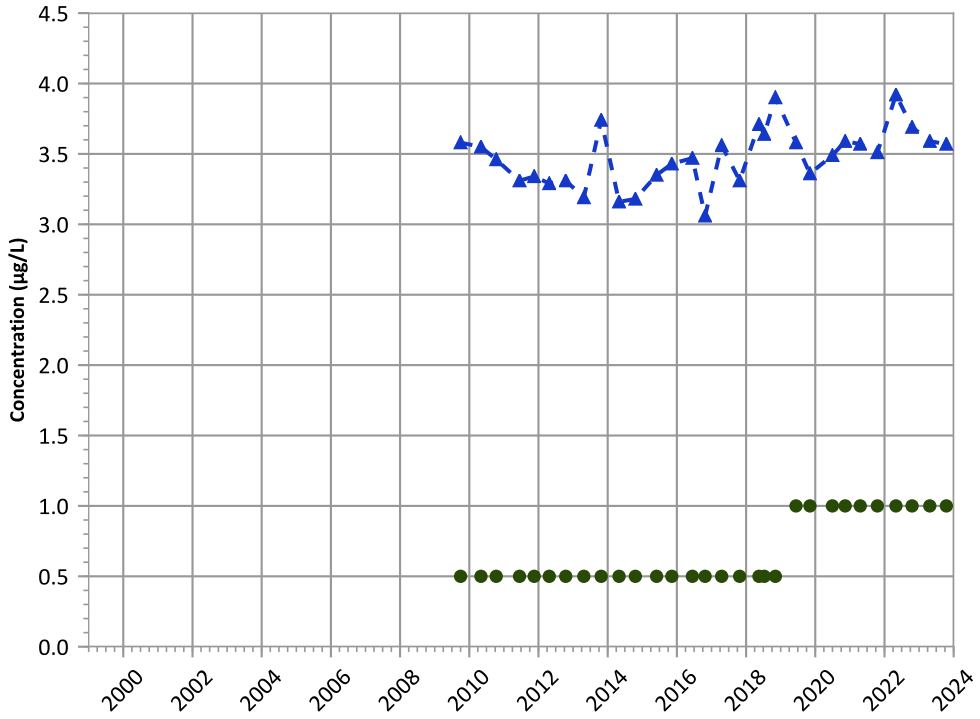


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Molybdenum Trend



Concentration Trend

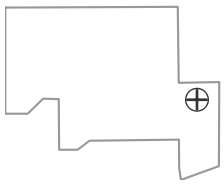
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

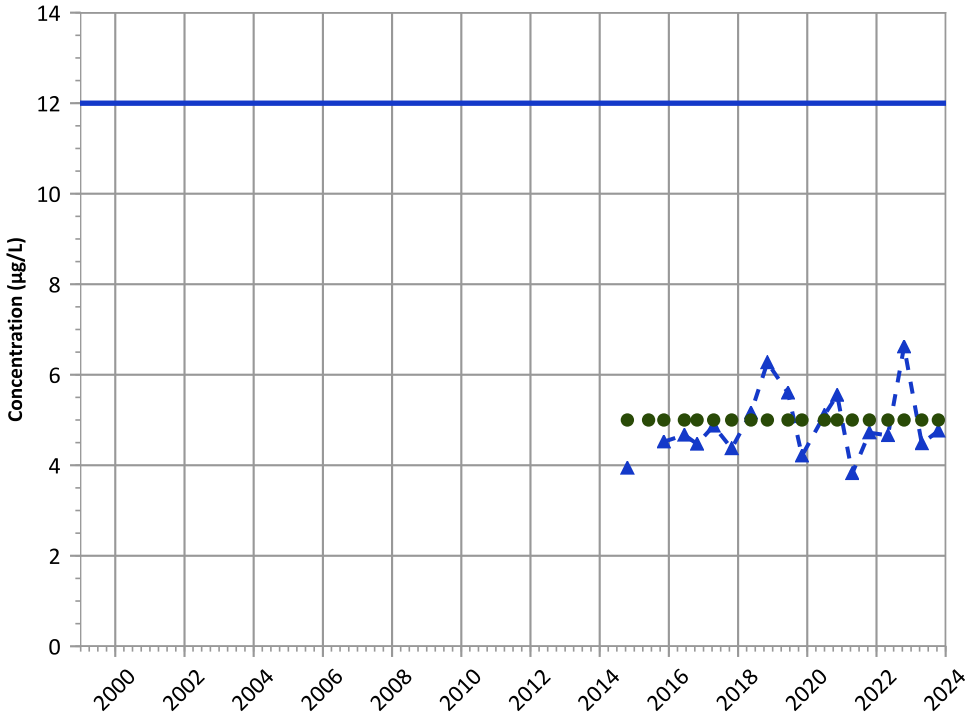
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

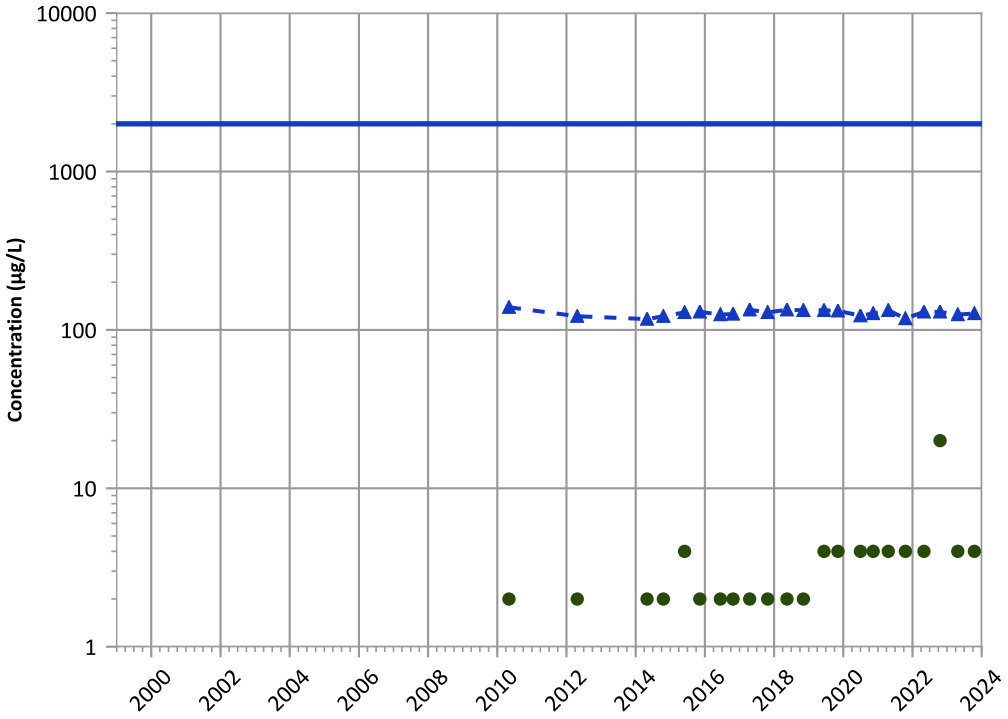
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Barium Trend



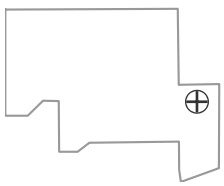
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

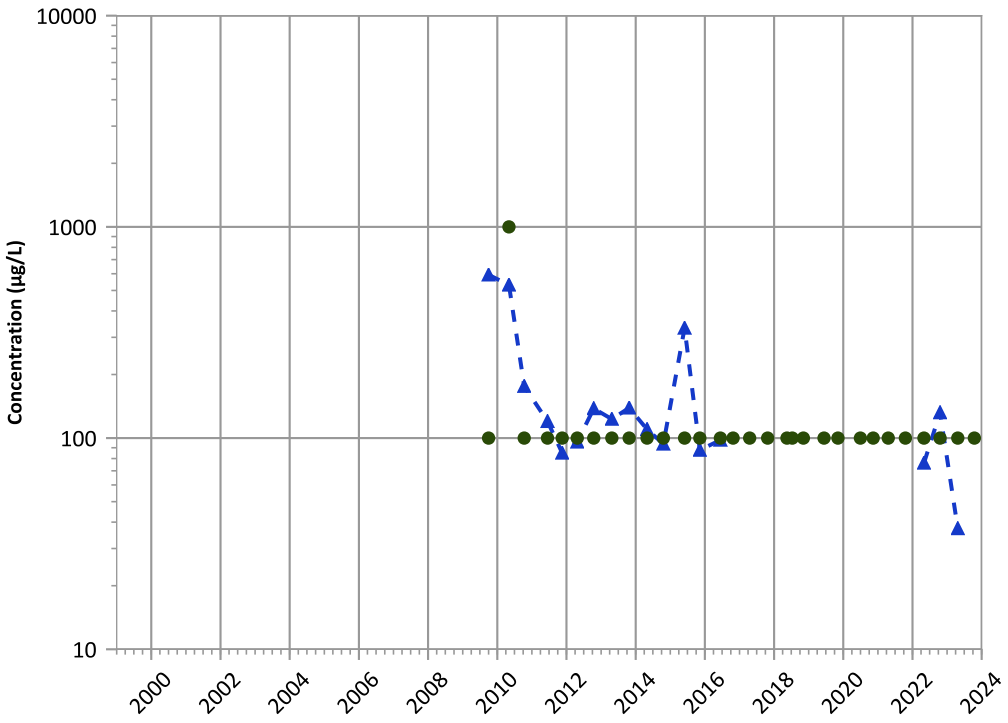
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

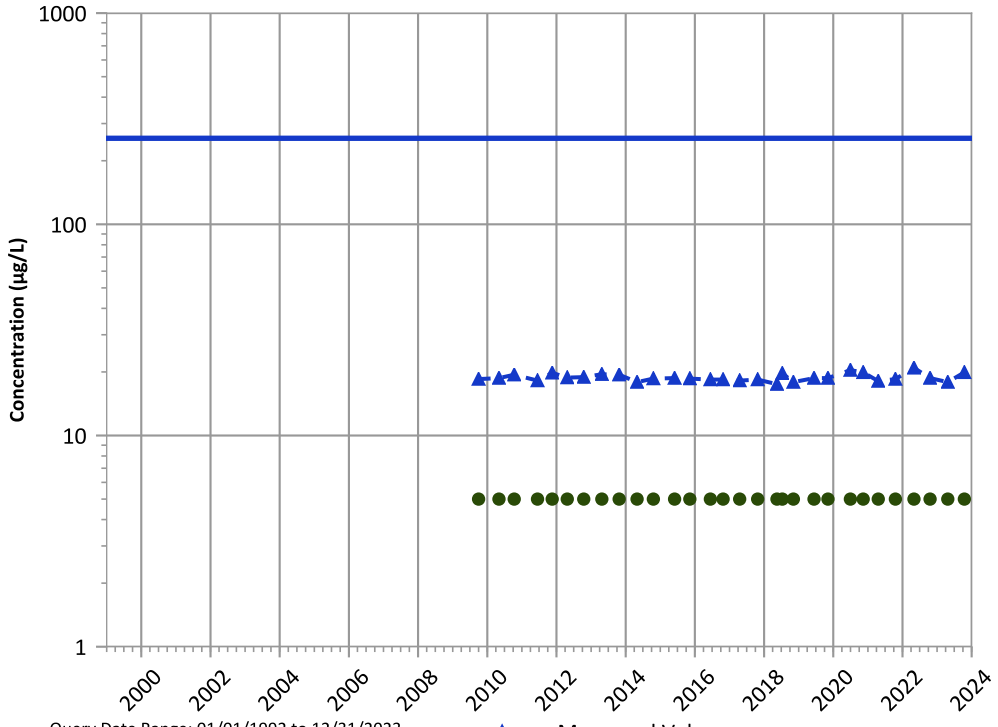


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Vanadium Trend



Concentration Trend

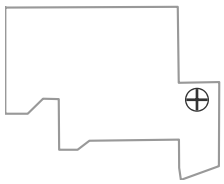
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

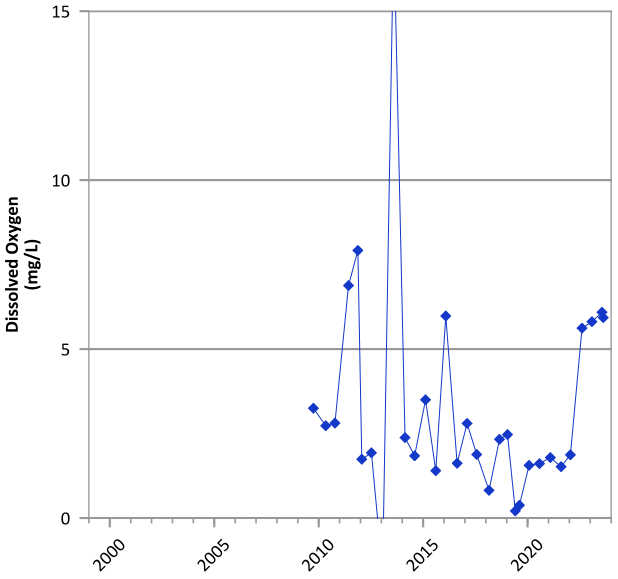
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/01/2009 to 10/16/2023
Analysis Date: 03/29/2024

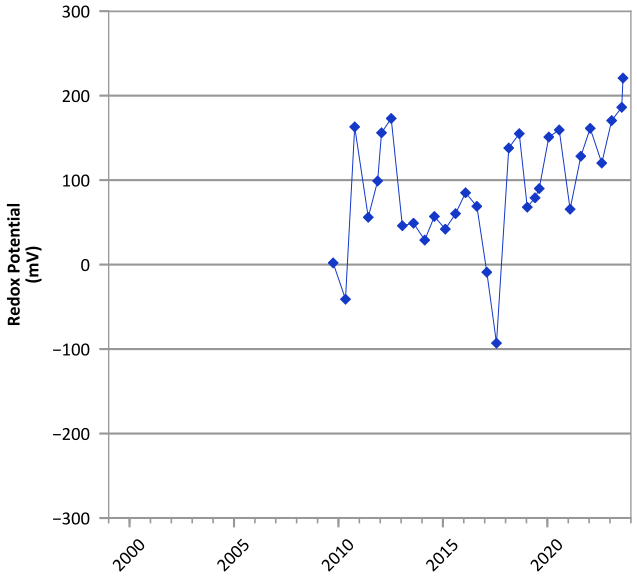
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

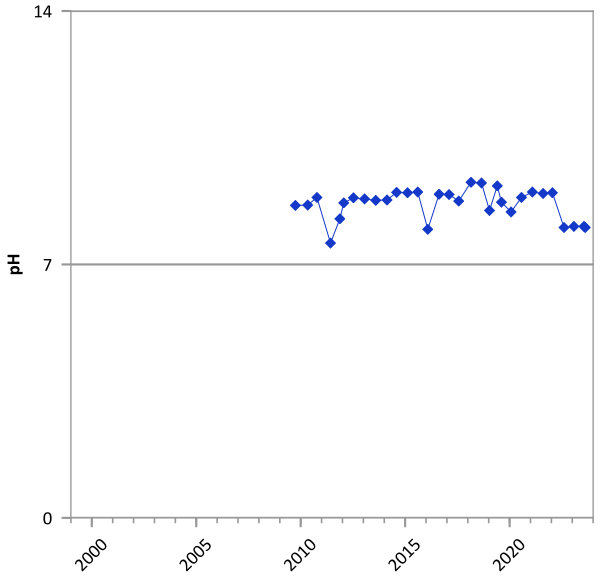
Well Location

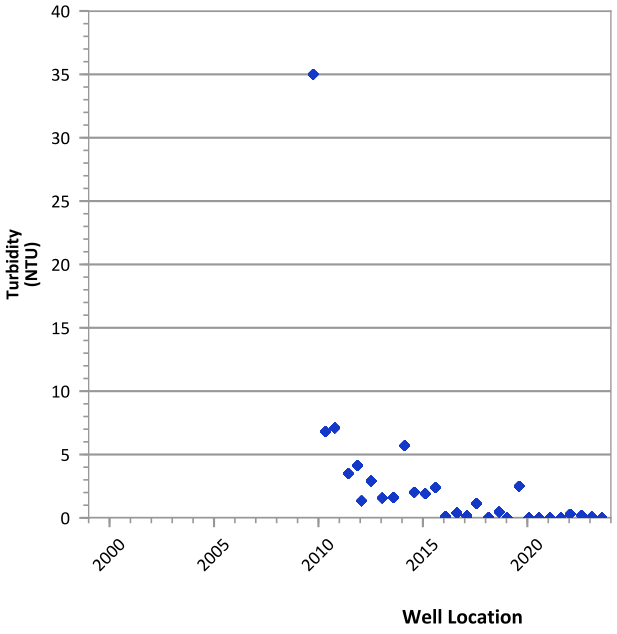


PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

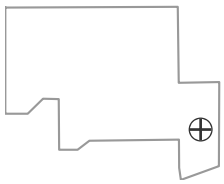






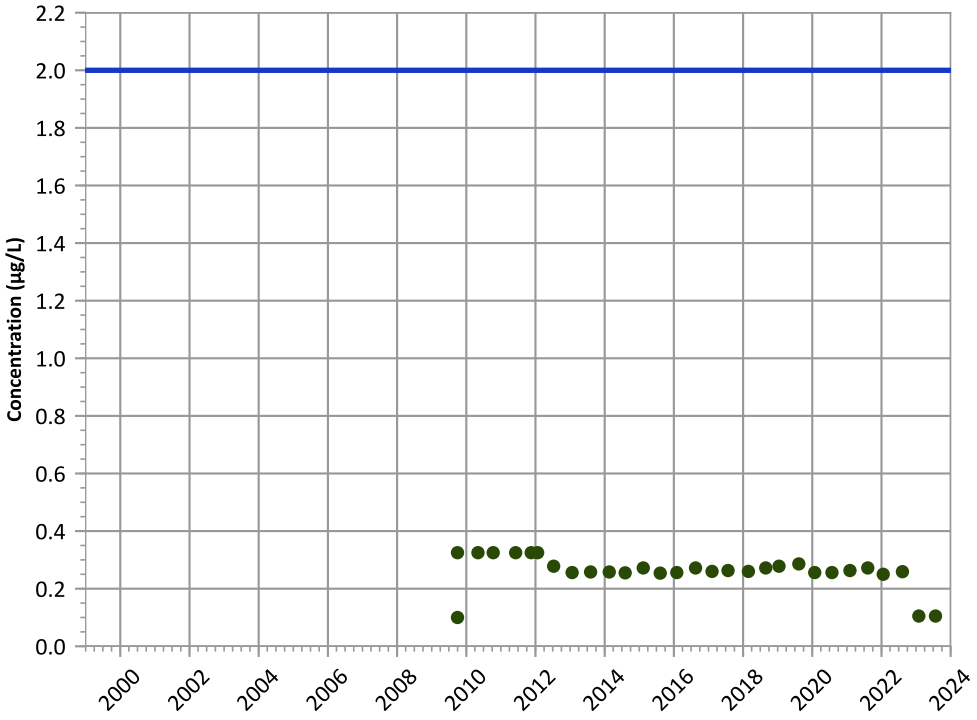


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

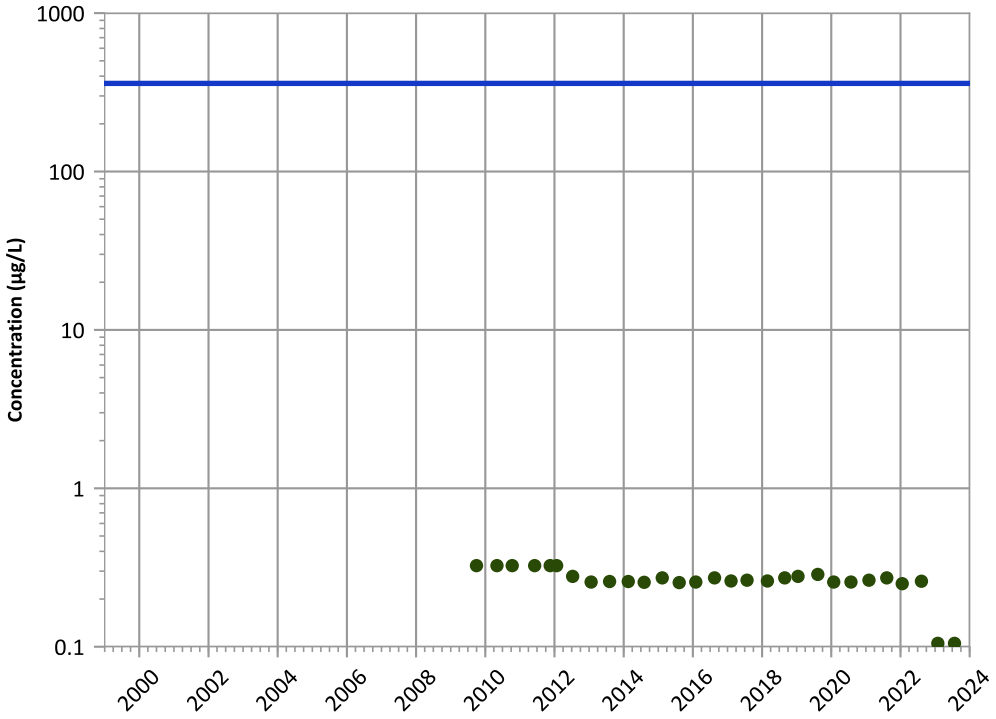


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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



Concentration Trend

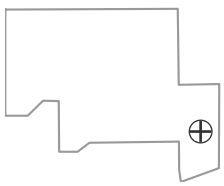
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

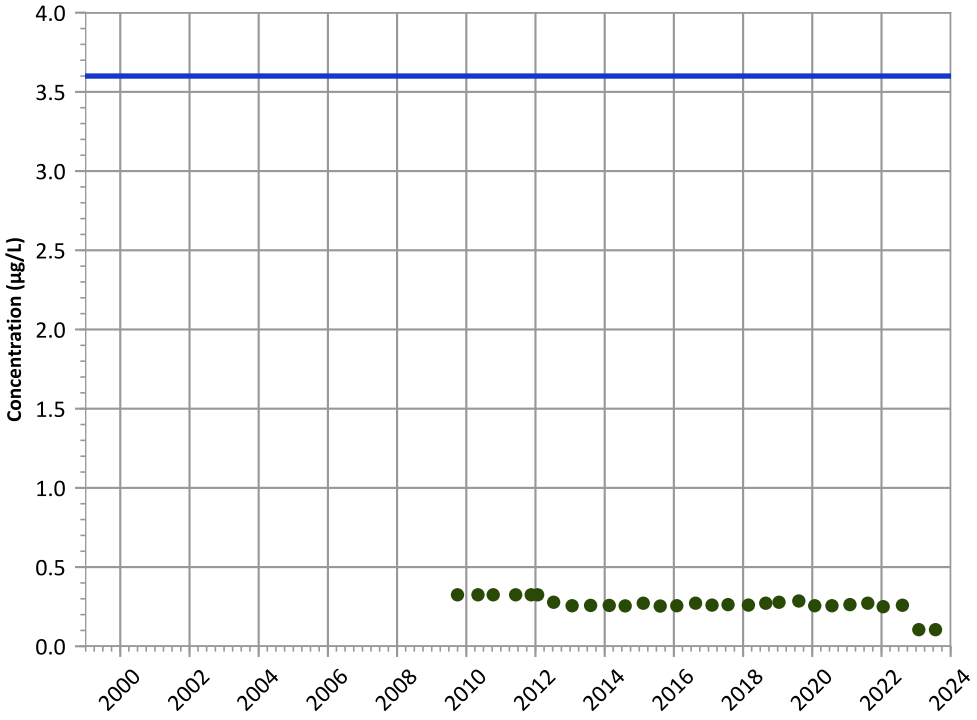
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

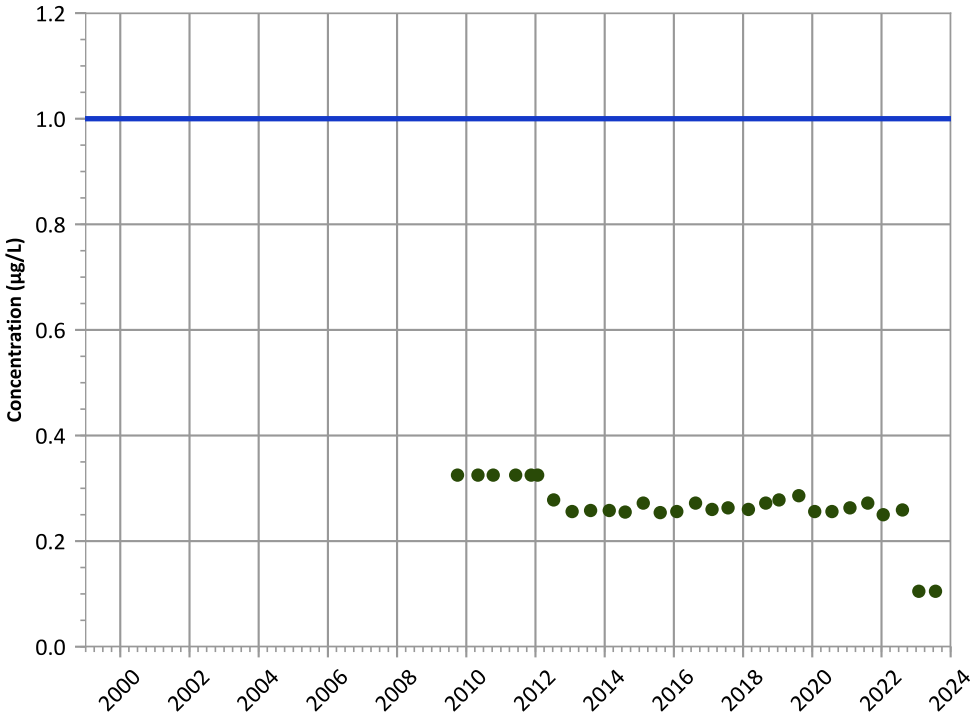
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



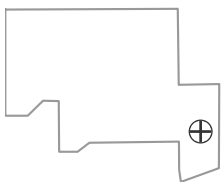
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

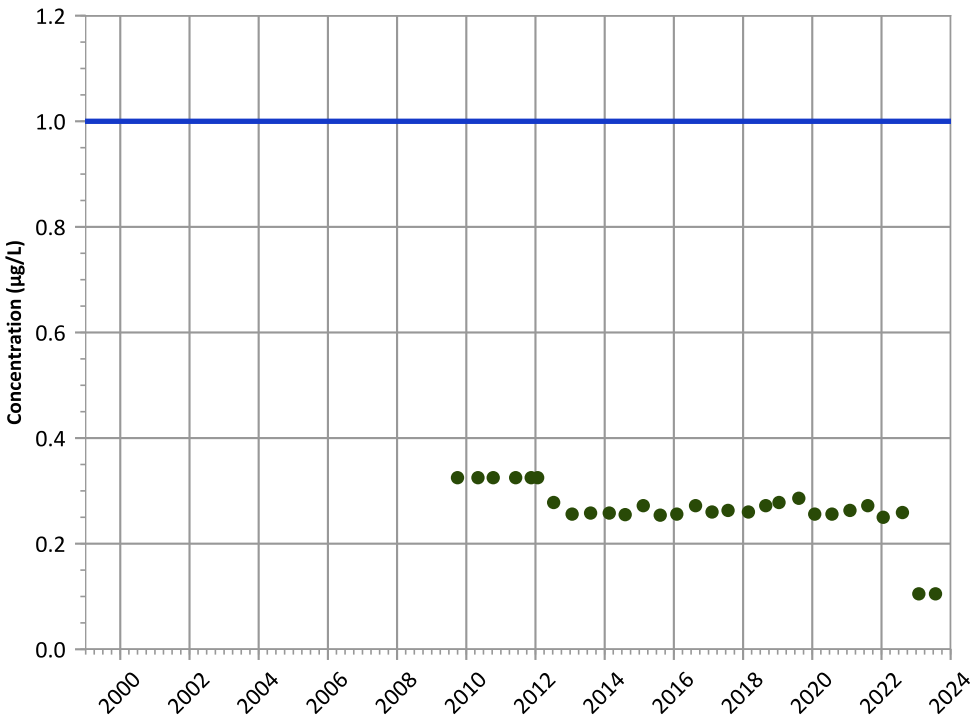
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

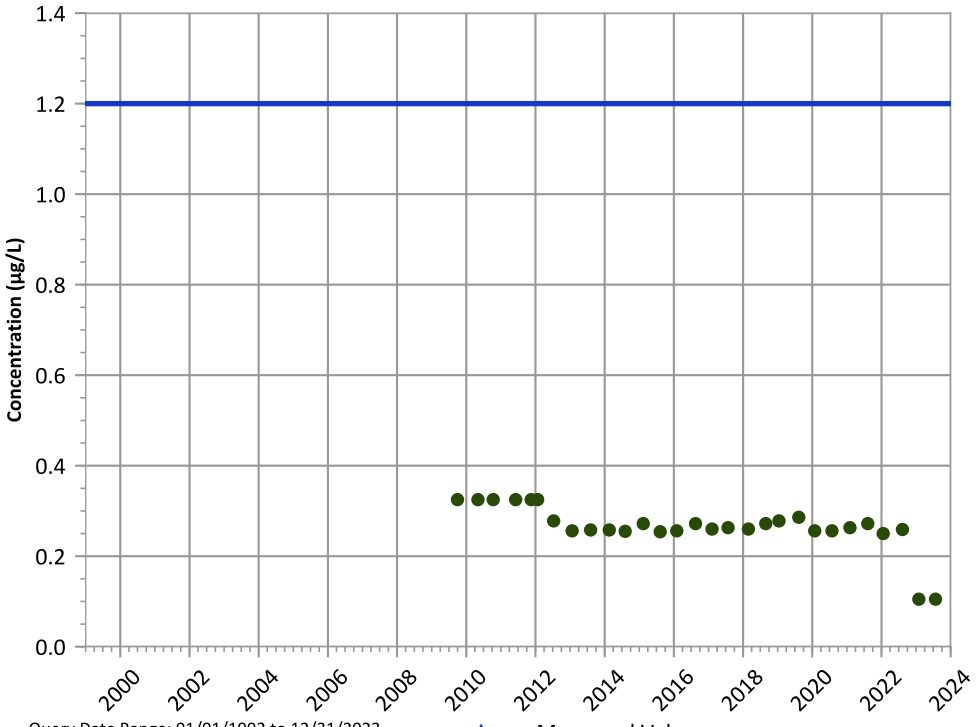
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



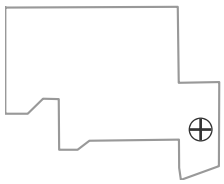
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

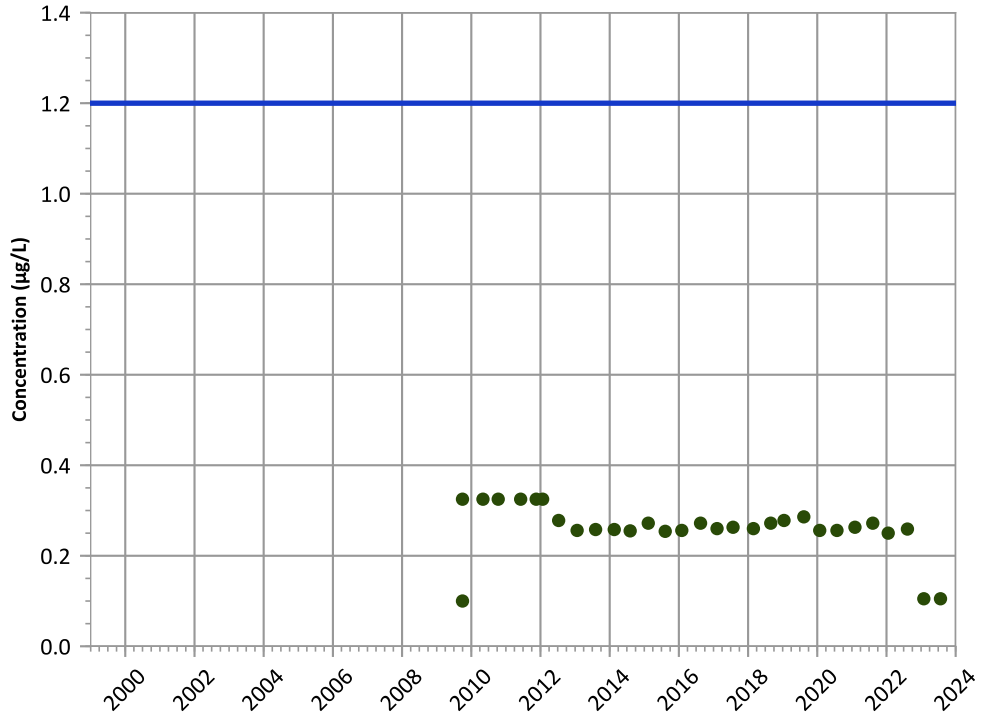
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

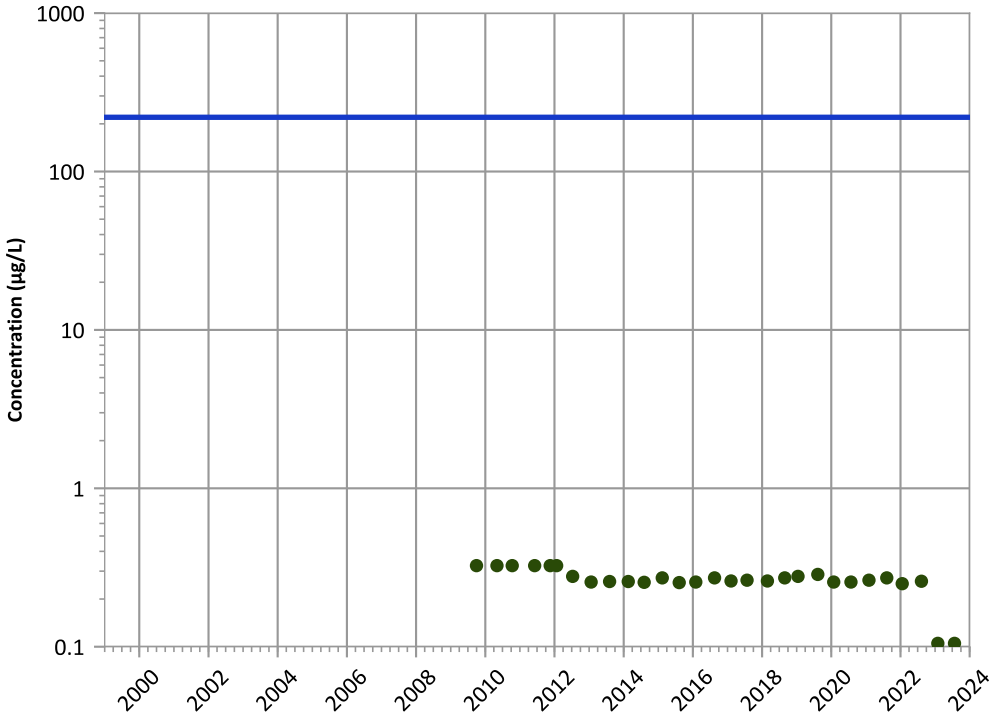


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

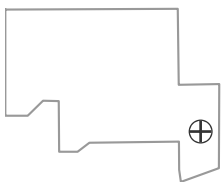
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

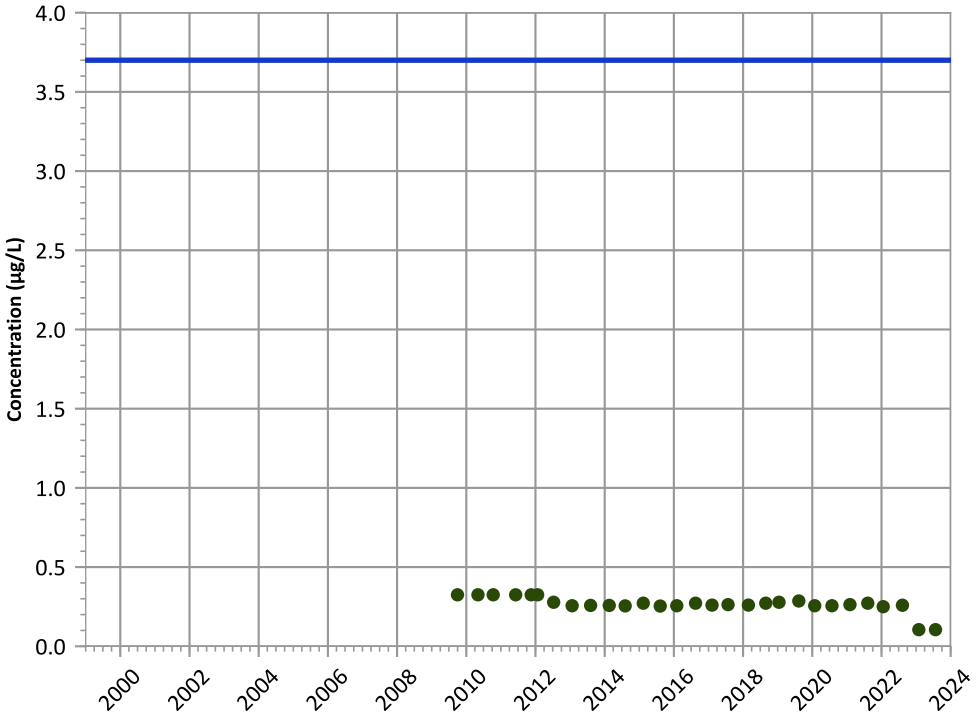
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

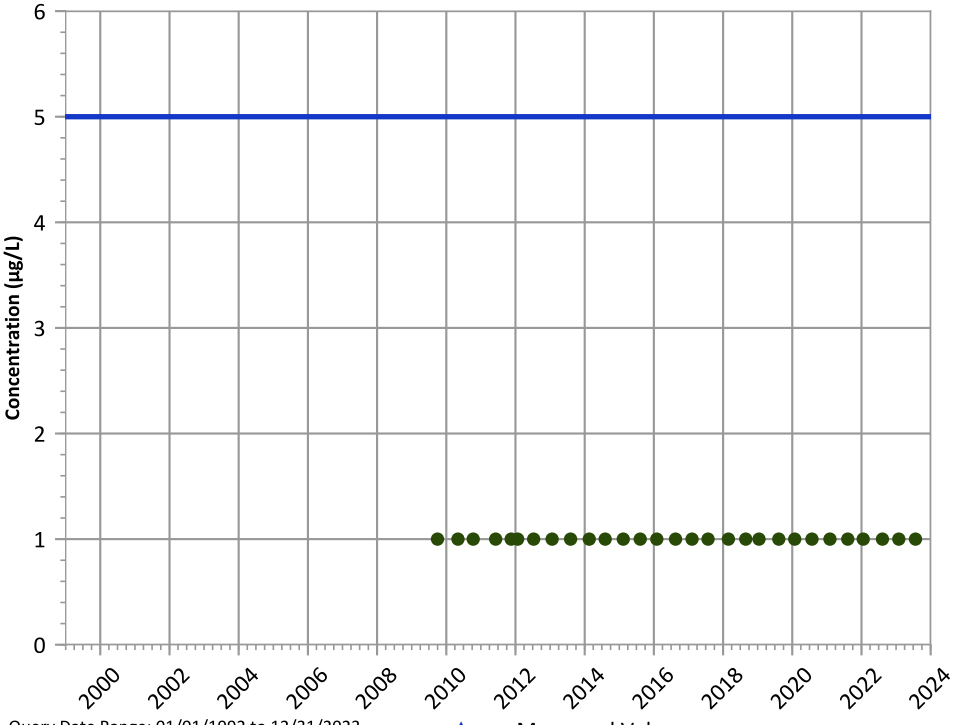


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

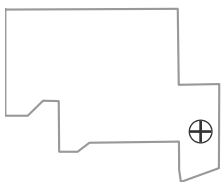
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

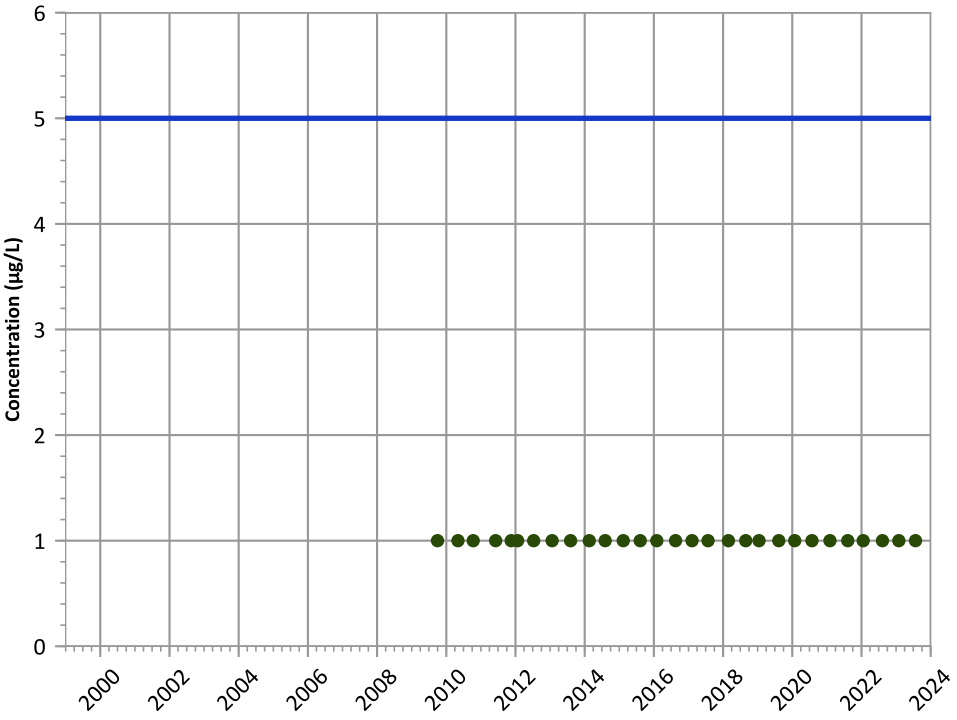
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

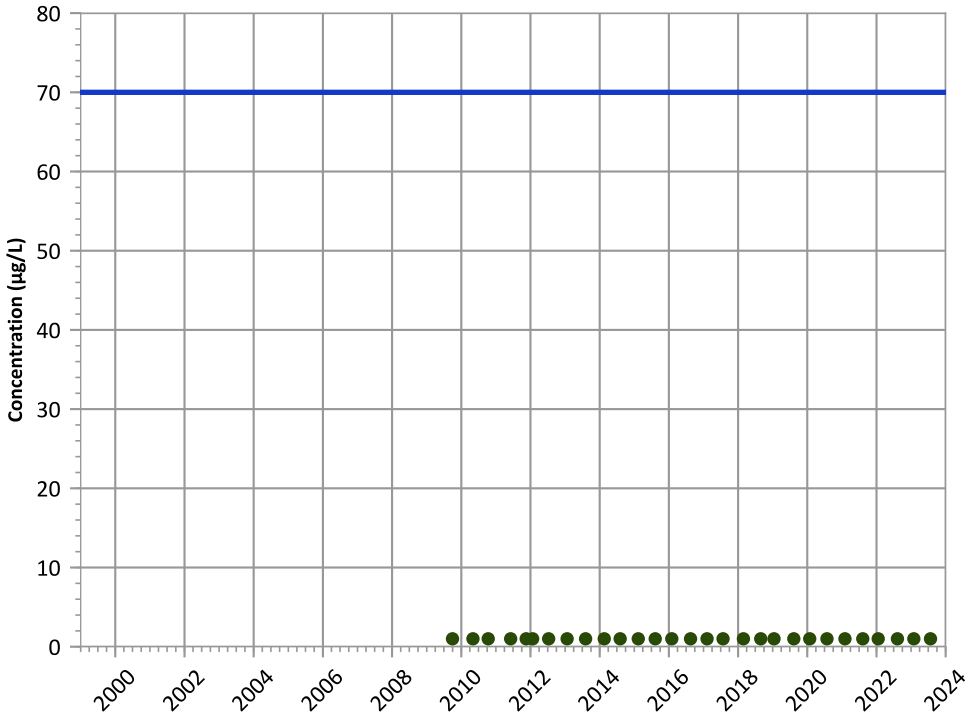
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



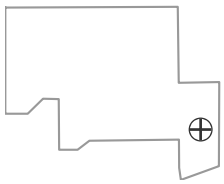
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

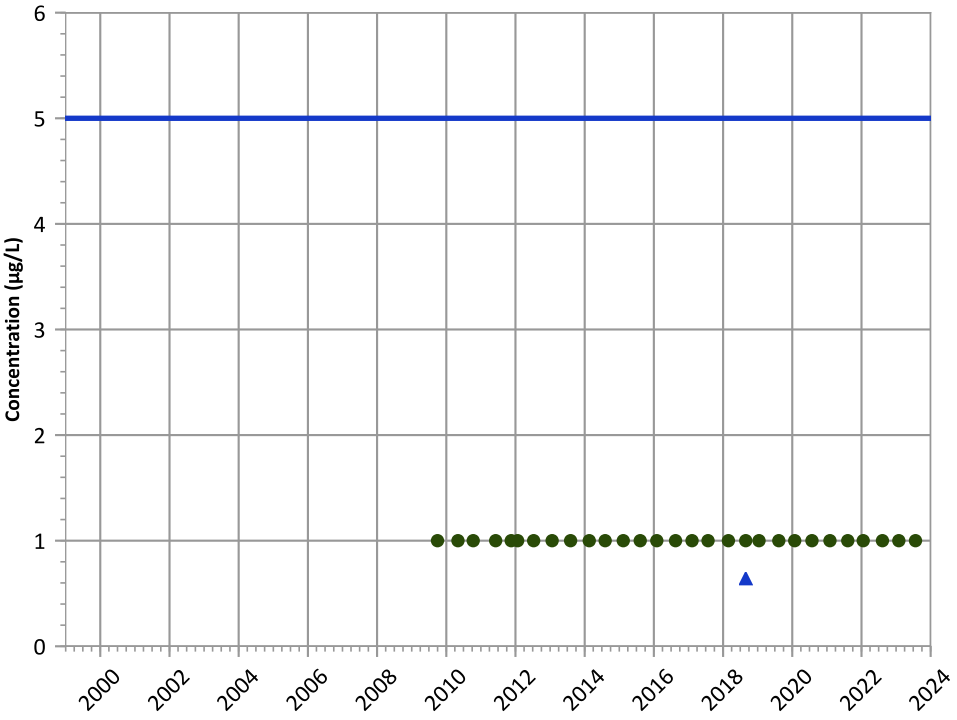
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

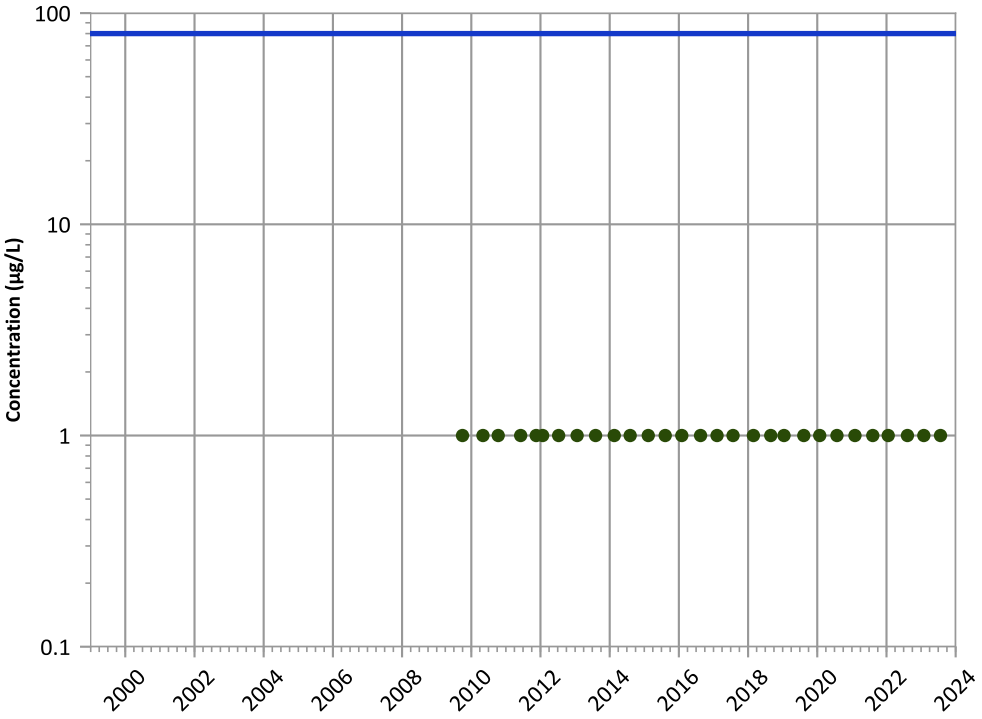


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chloroform Trend

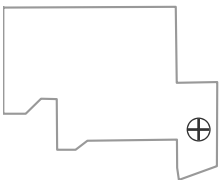


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

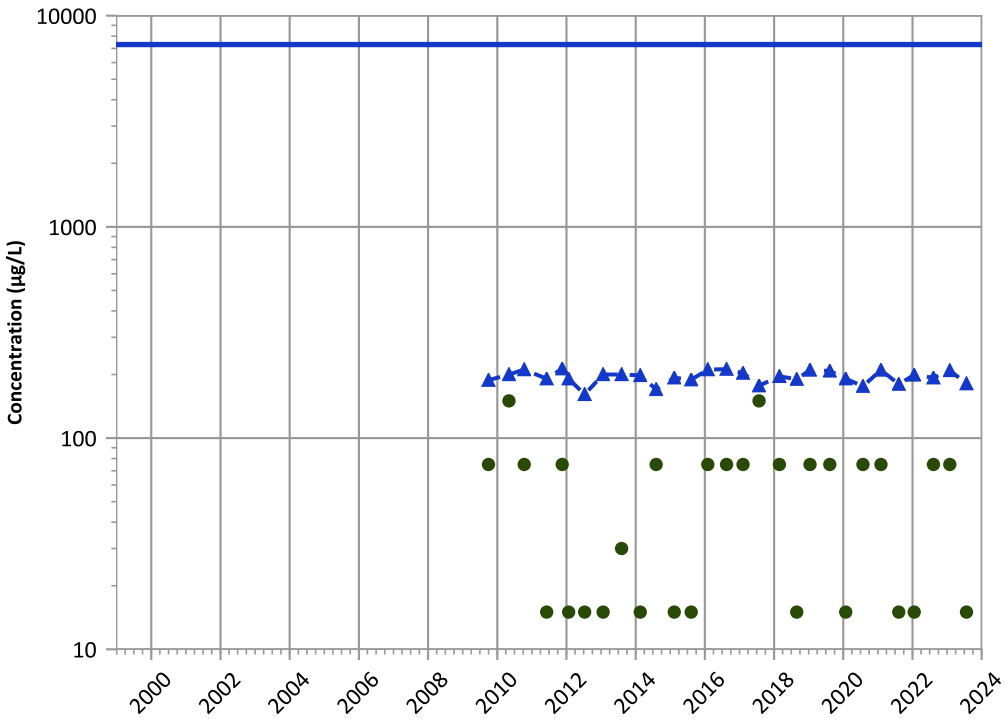


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

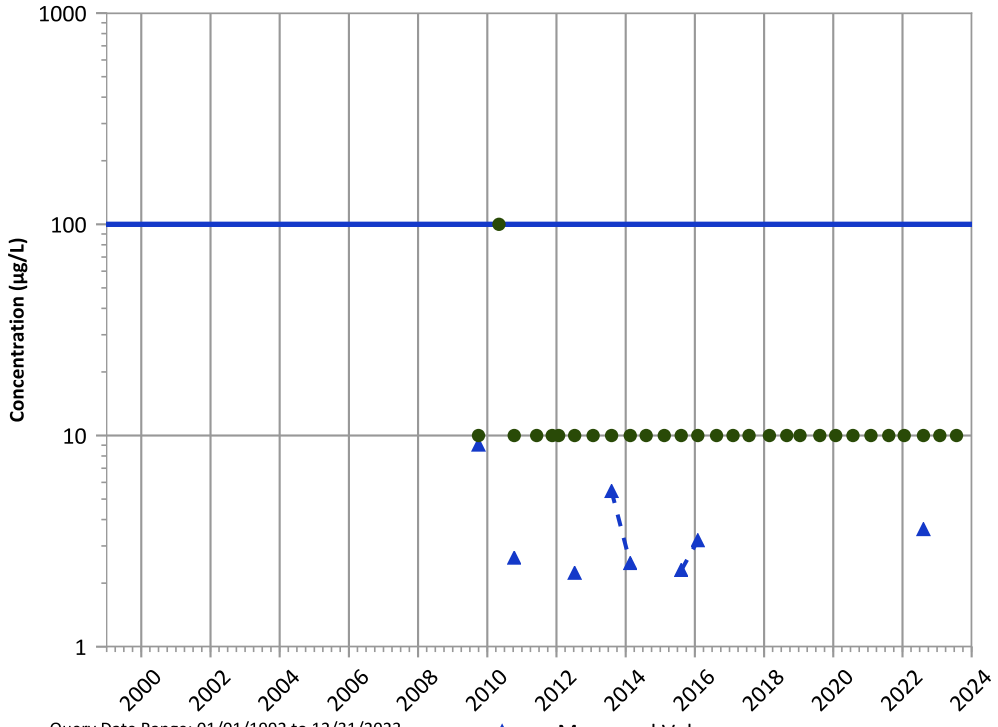


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Chromium, Total Trend



Concentration Trend

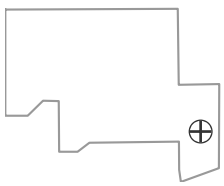
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

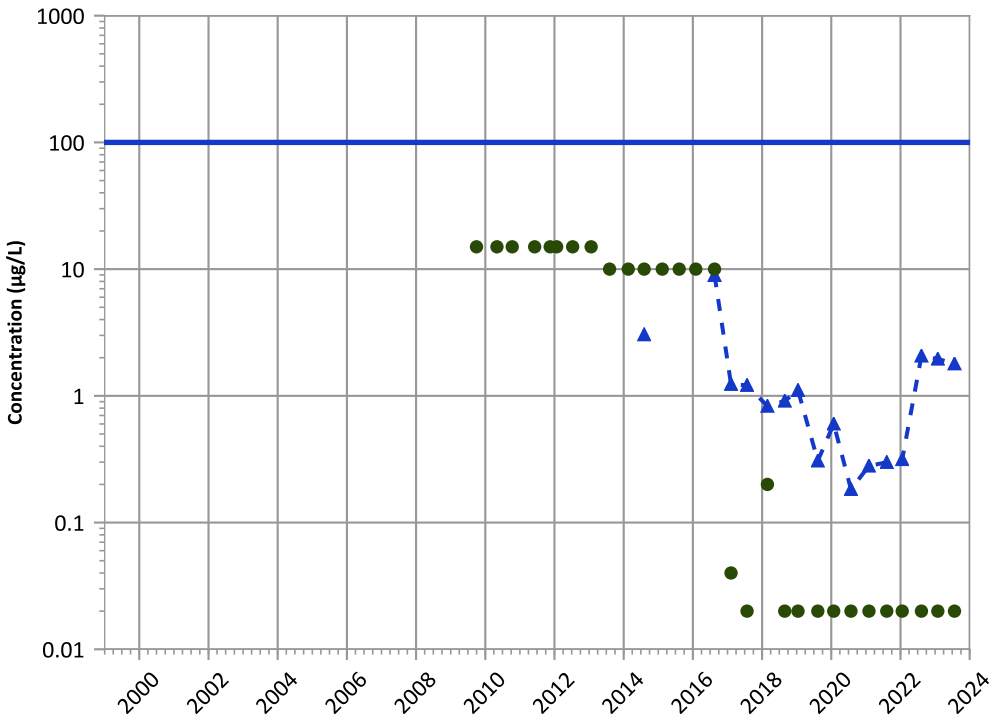
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

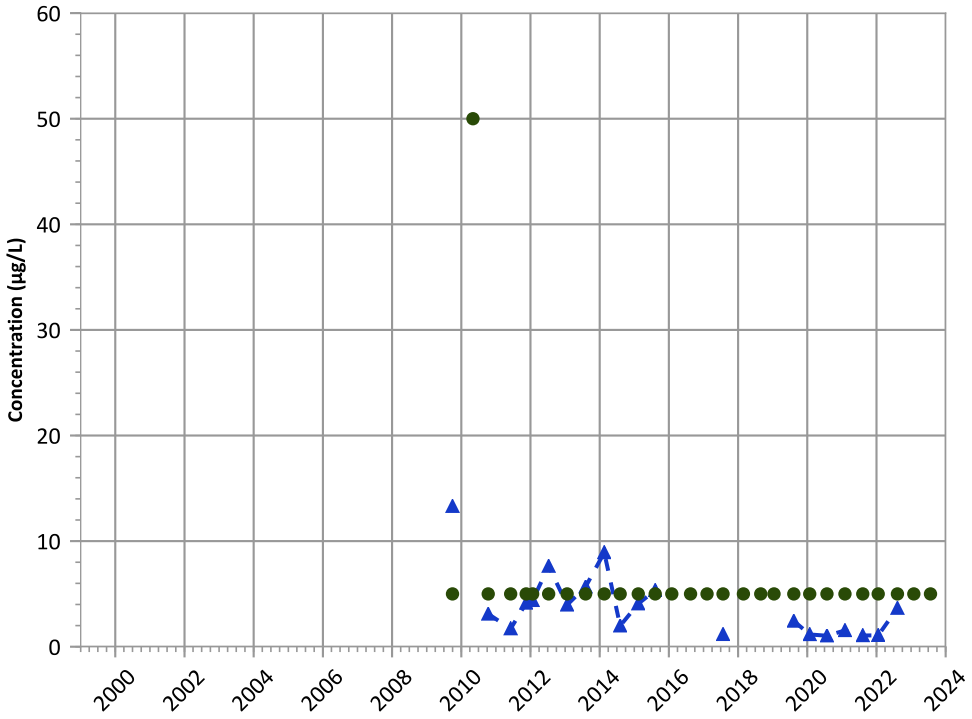


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Probably Decreasing

Manganese Trend



Concentration Trend

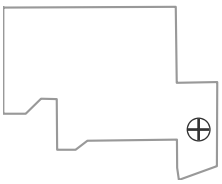
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

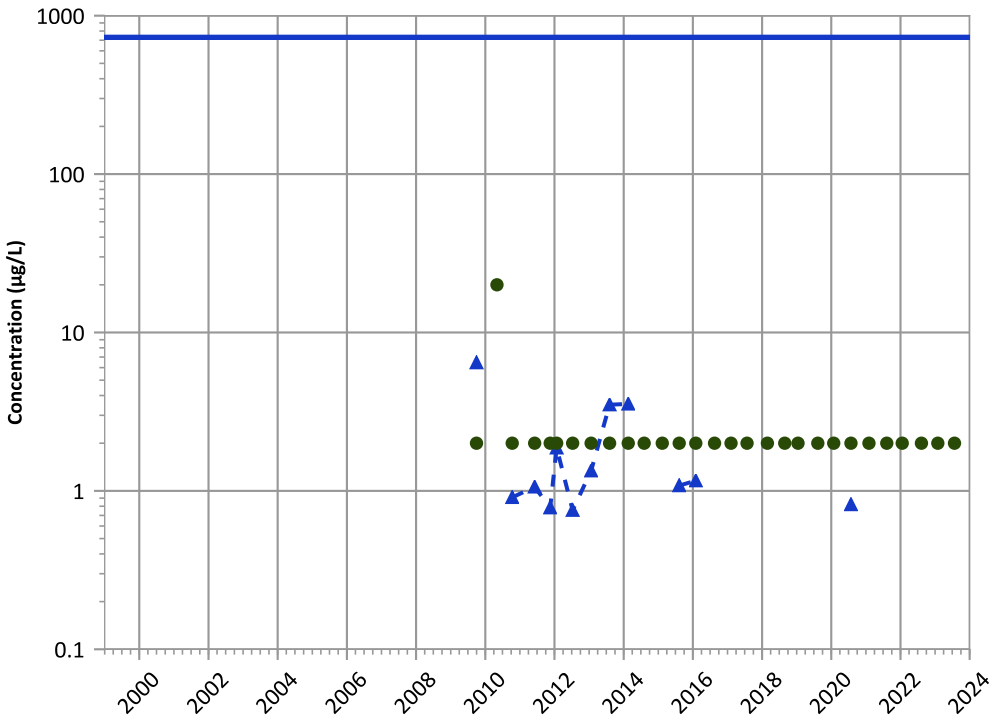
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

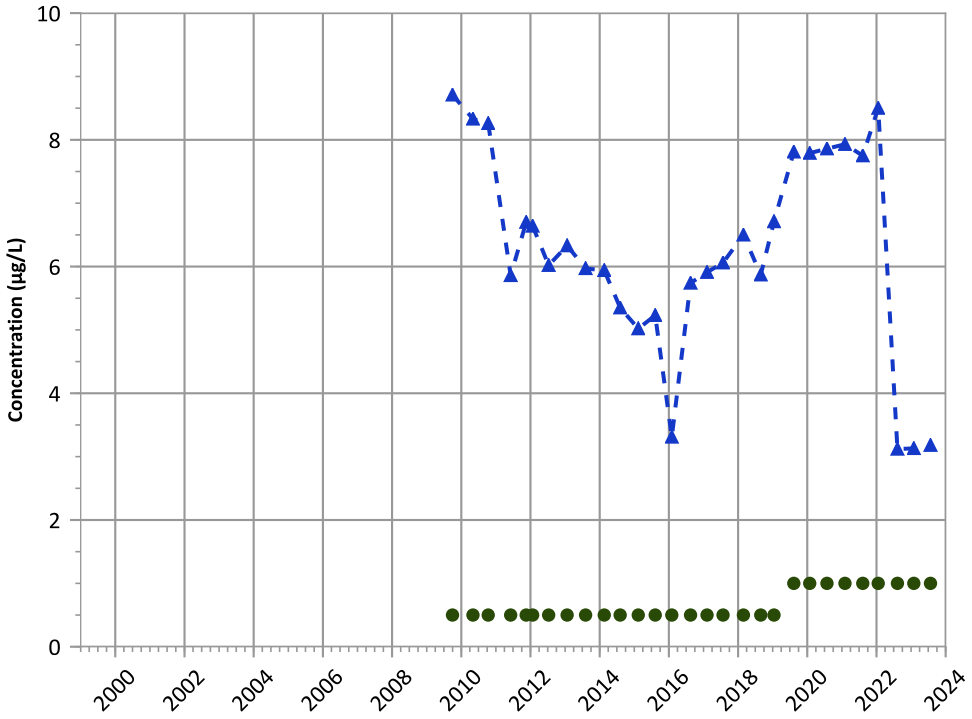


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Stable

Molybdenum Trend



Concentration Trend

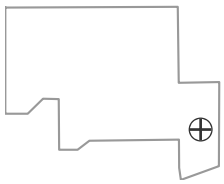
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

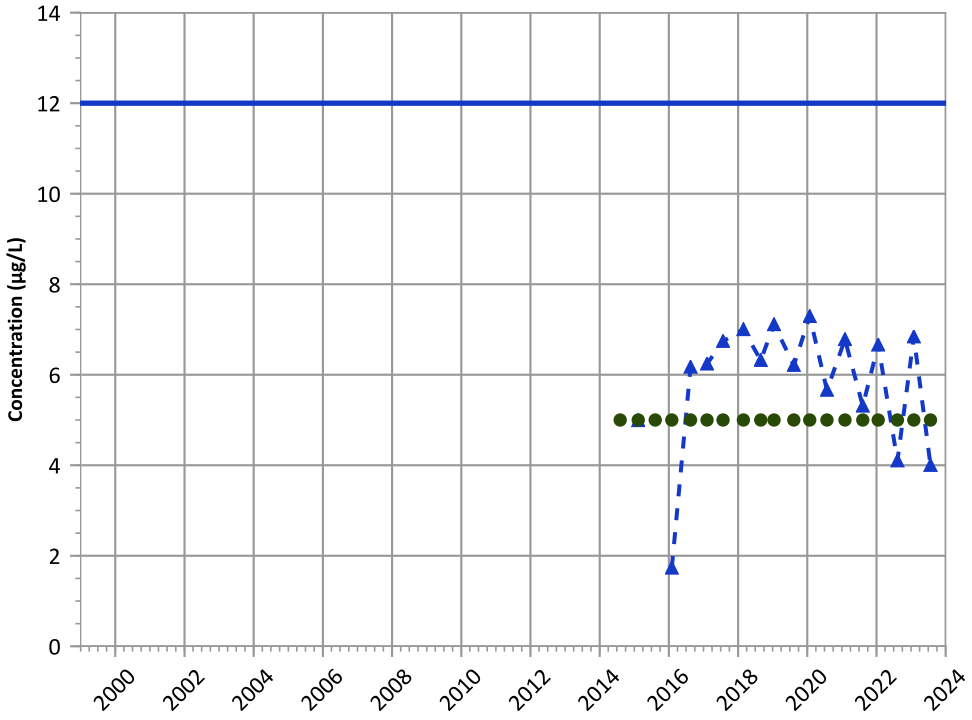
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

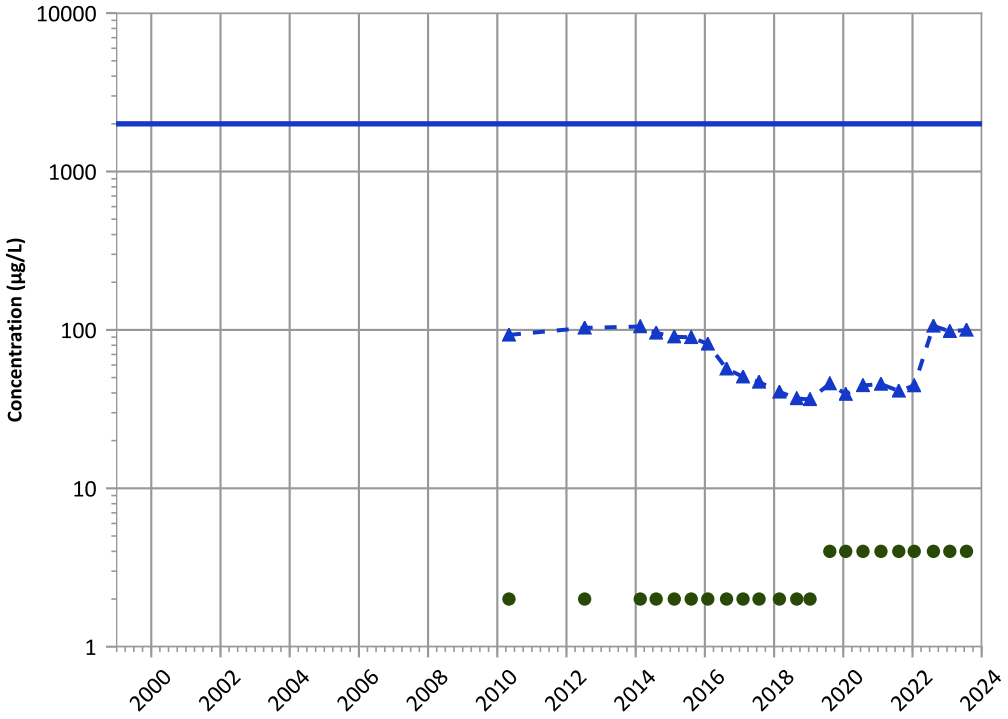


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Barium Trend

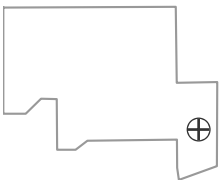


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Probably Decreasing

Well Location

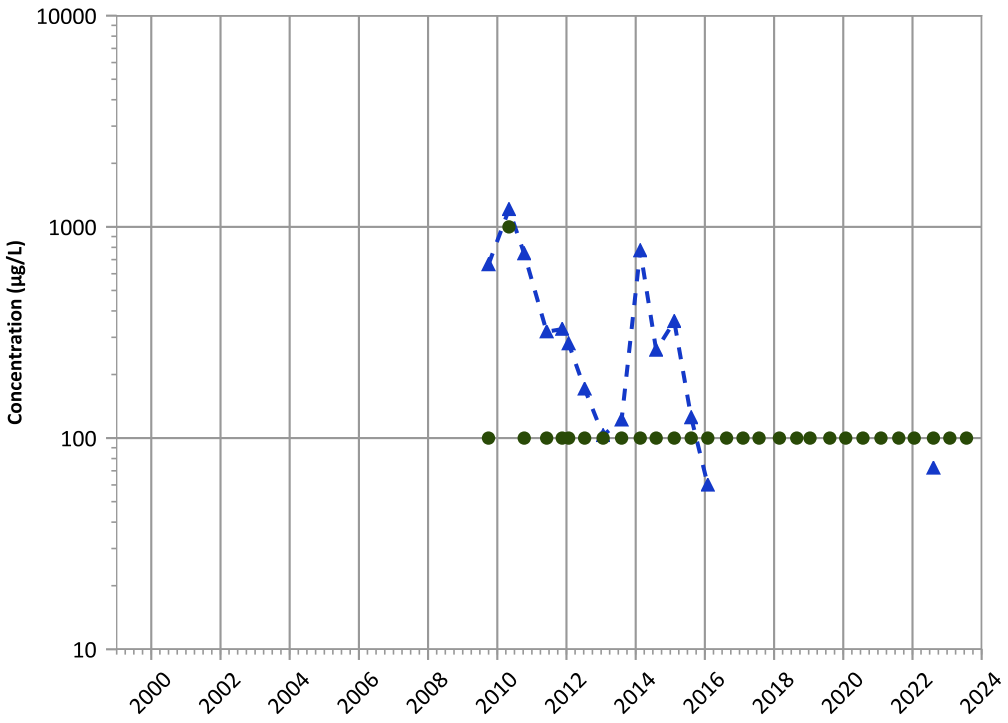


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

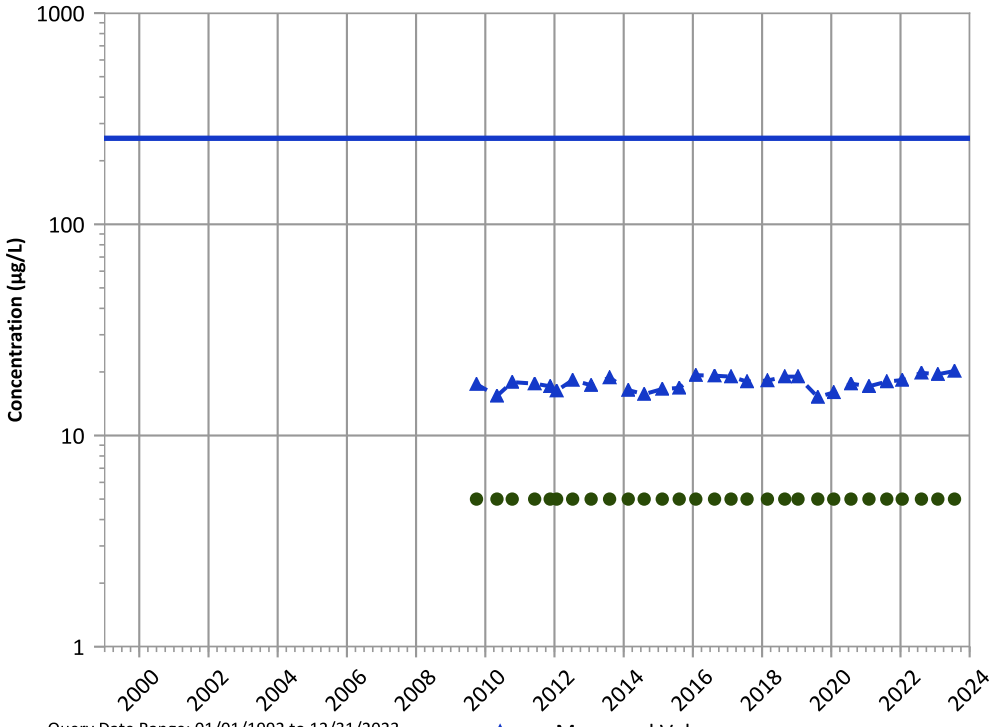


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Decreasing

Vanadium Trend



Concentration Trend

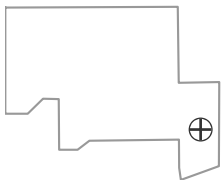
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Increasing
Data (7/2009 - 12/2023):
Increasing

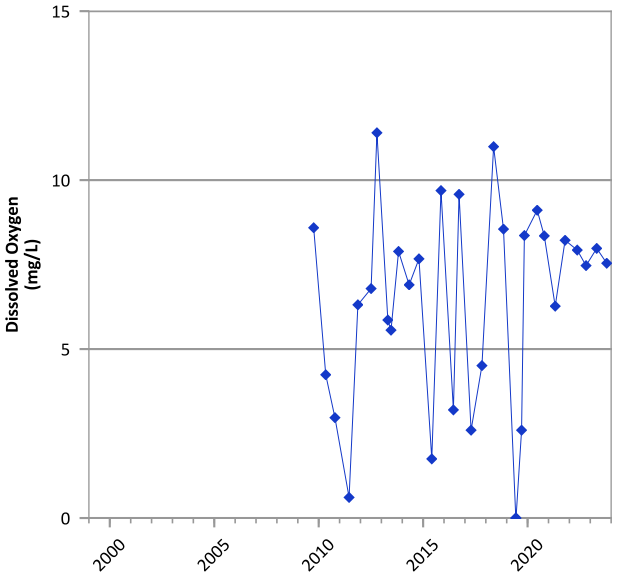
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 09/30/2009 to 07/25/2023
Analysis Date: 03/29/2024

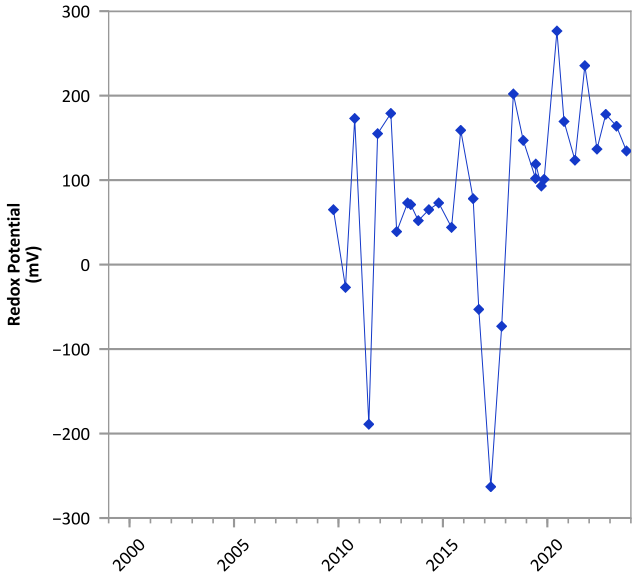
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

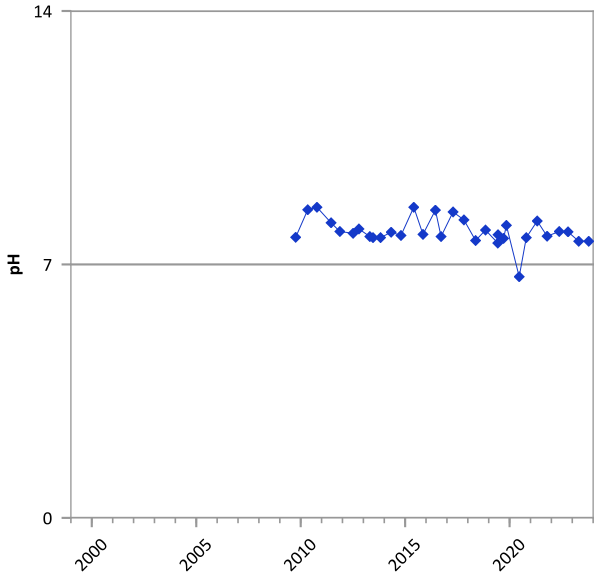
Well Location

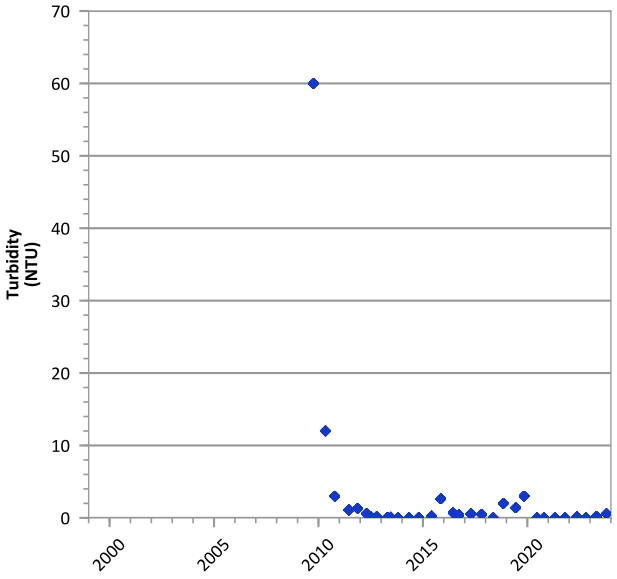


PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

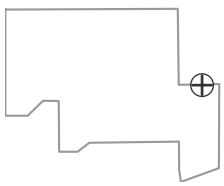






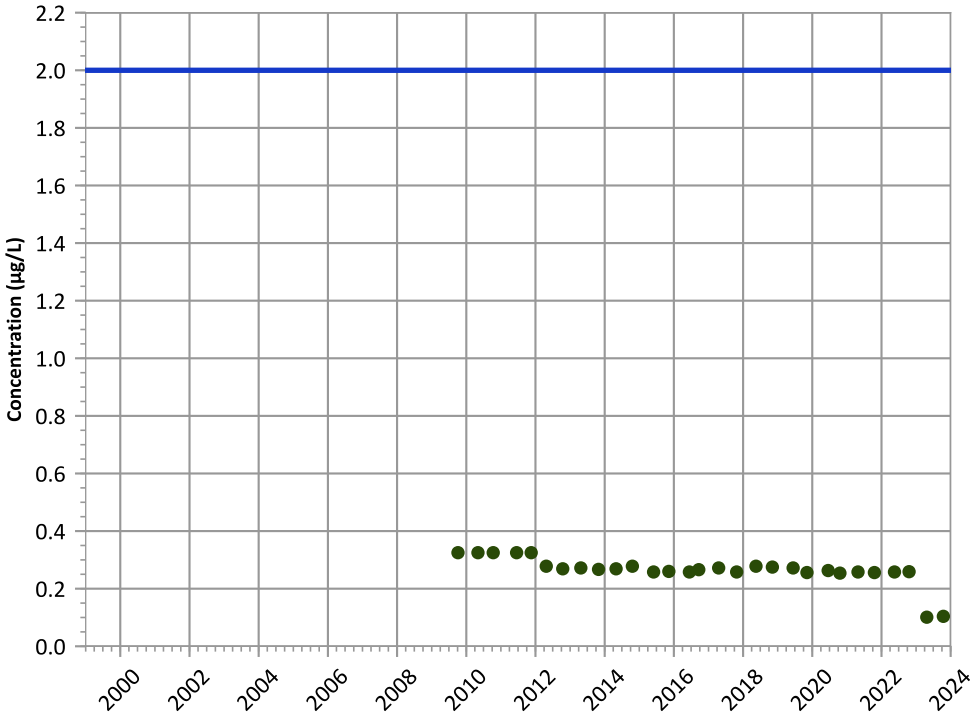


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

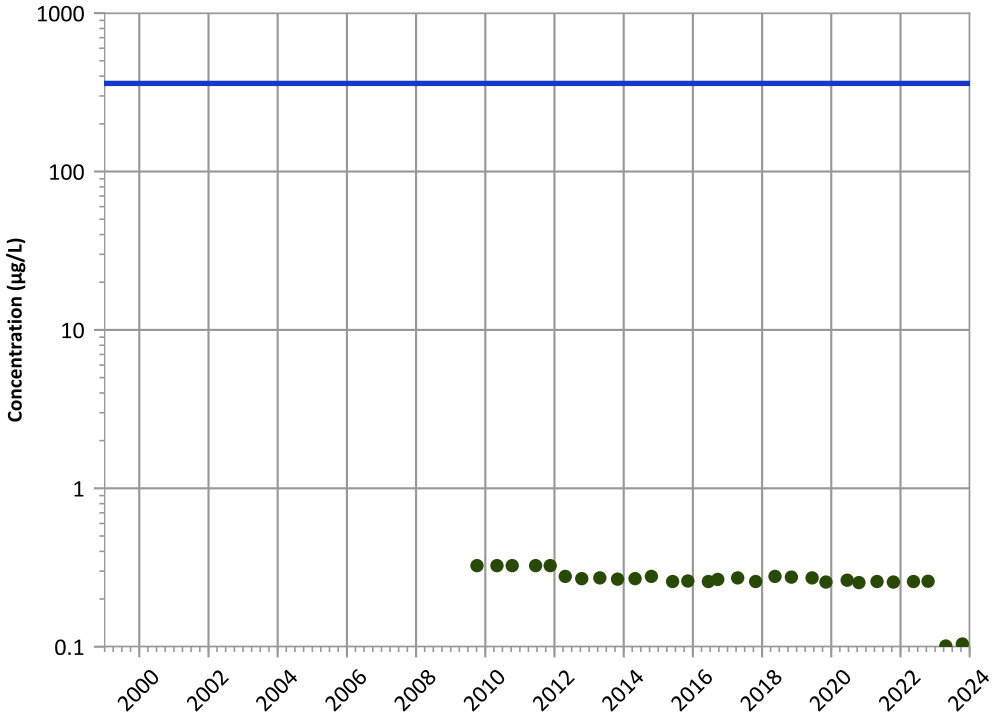


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

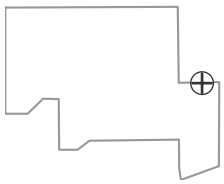


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

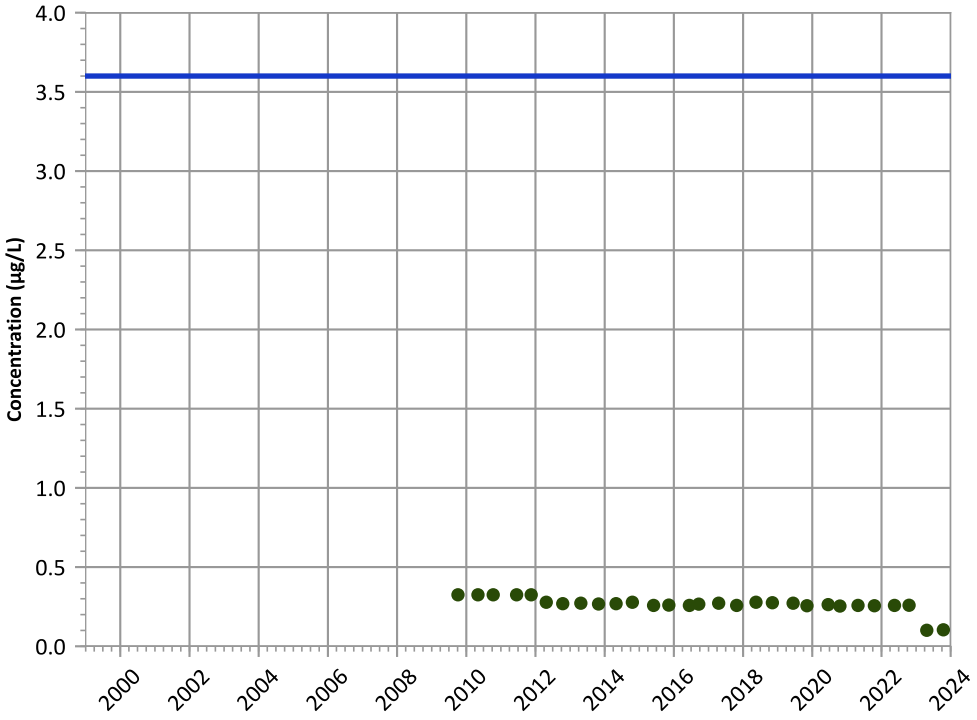


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

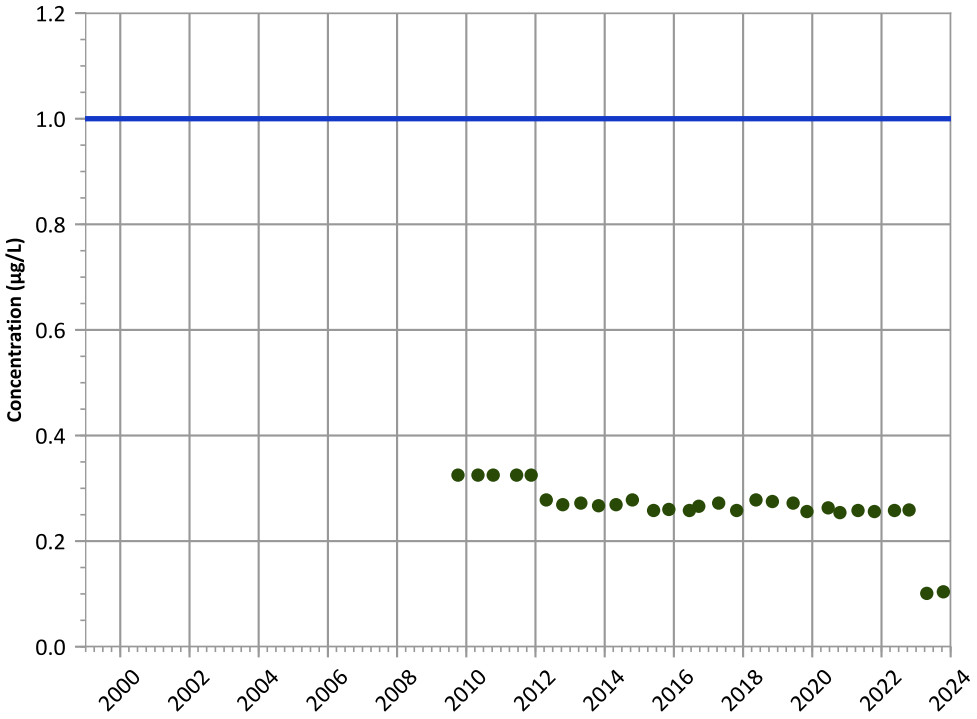
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



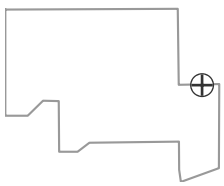
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

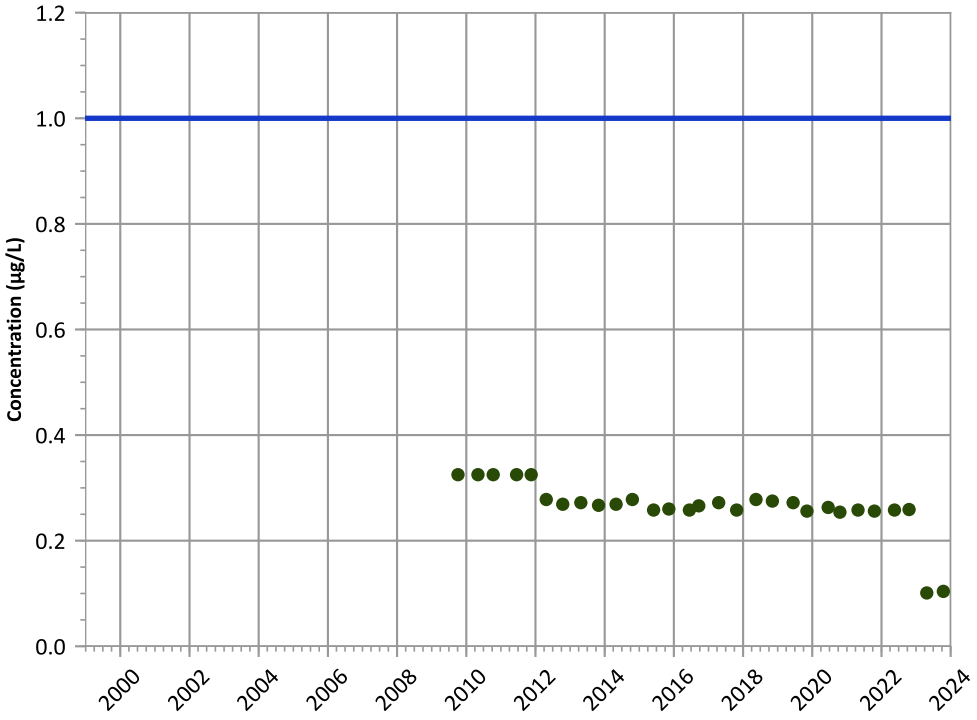
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

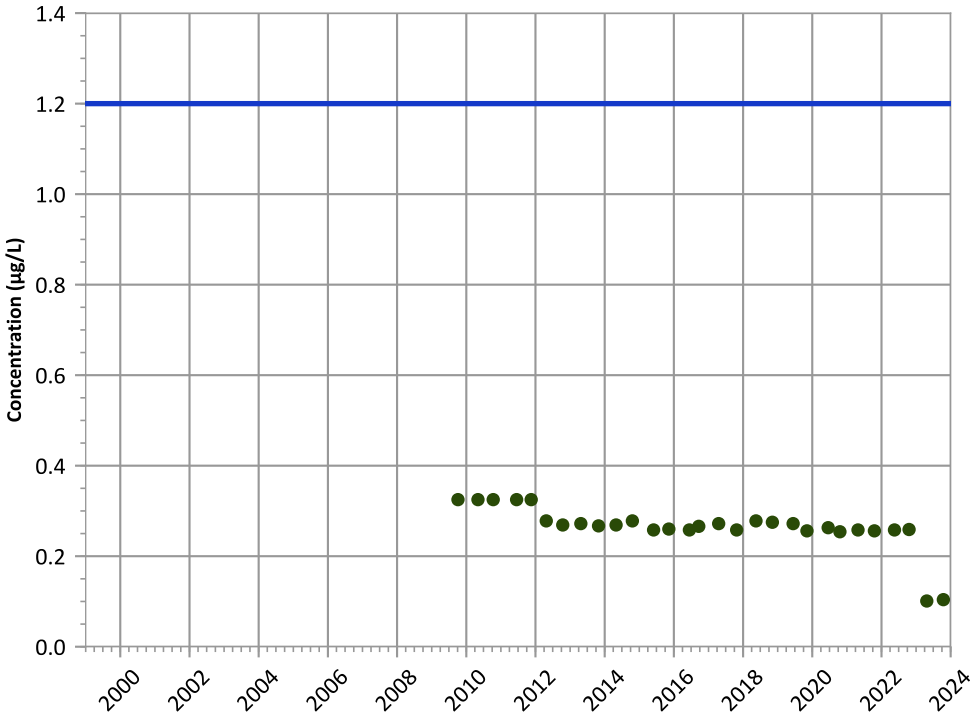


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

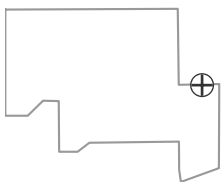
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

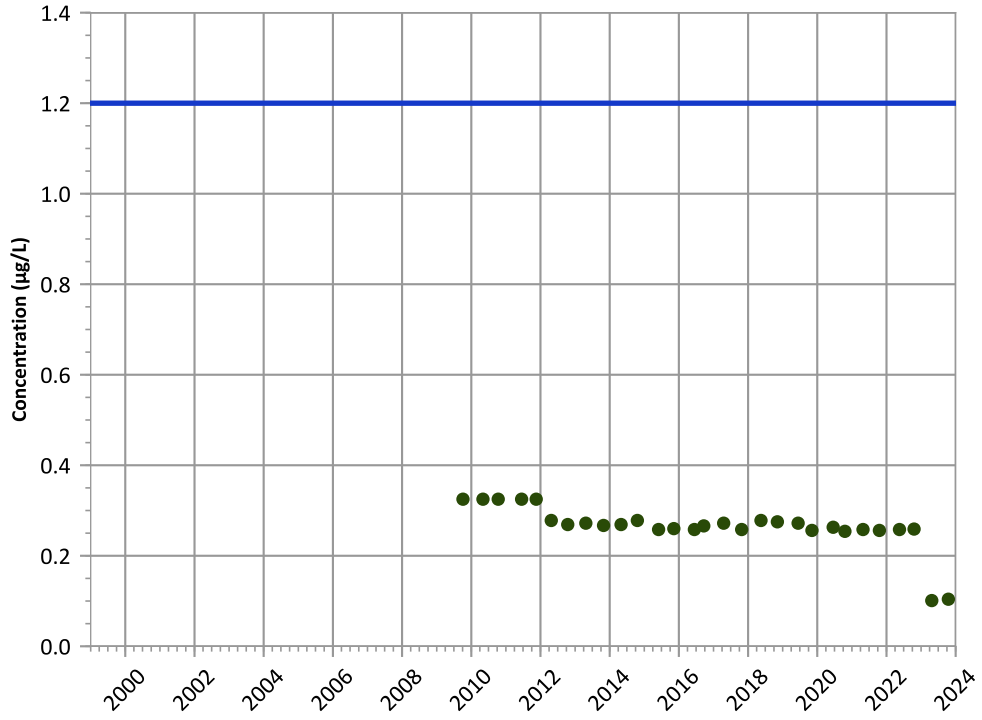
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

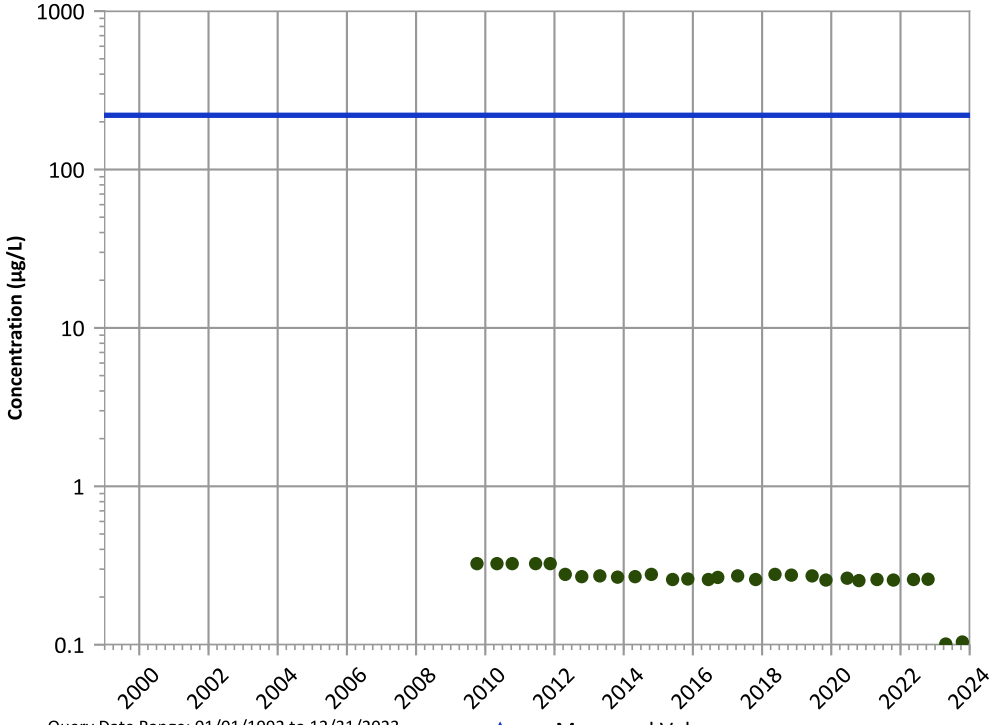


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

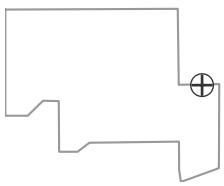
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

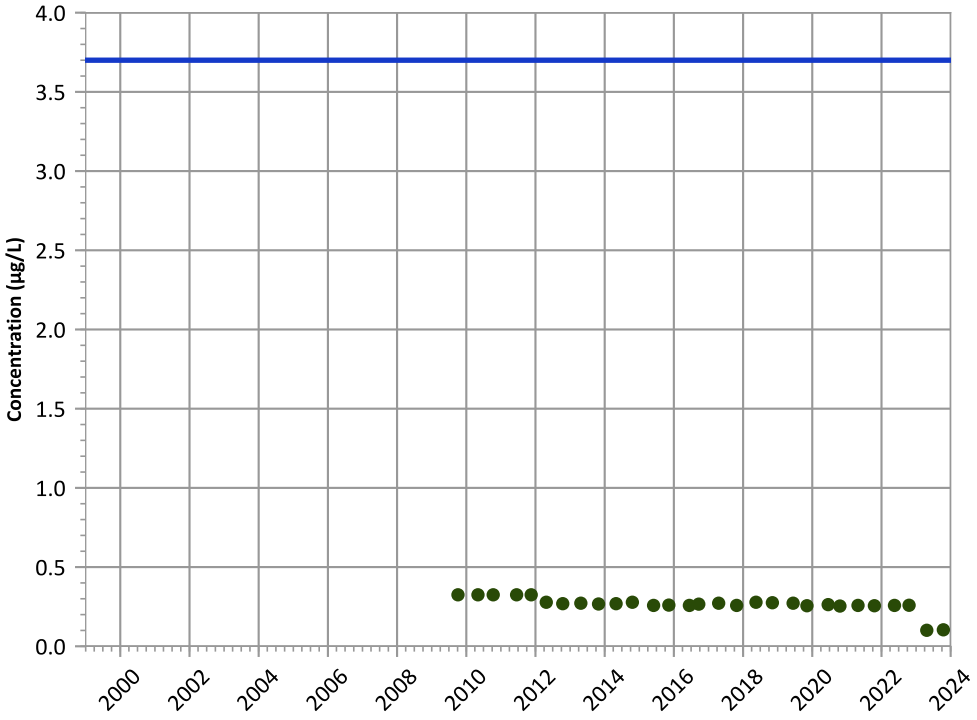
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

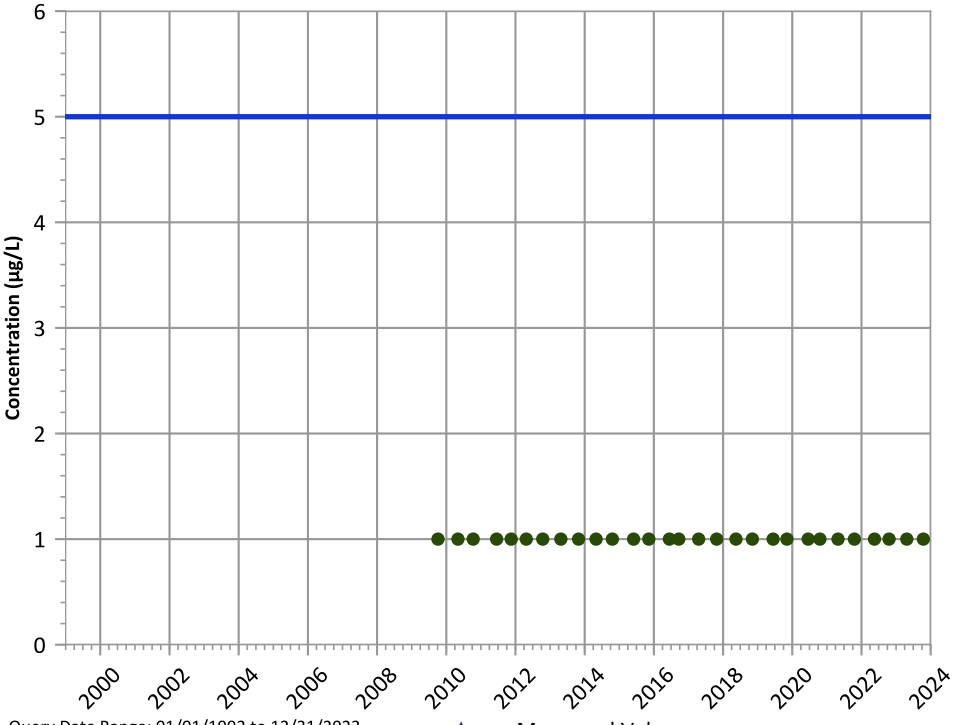


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend

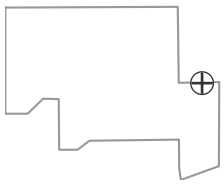


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

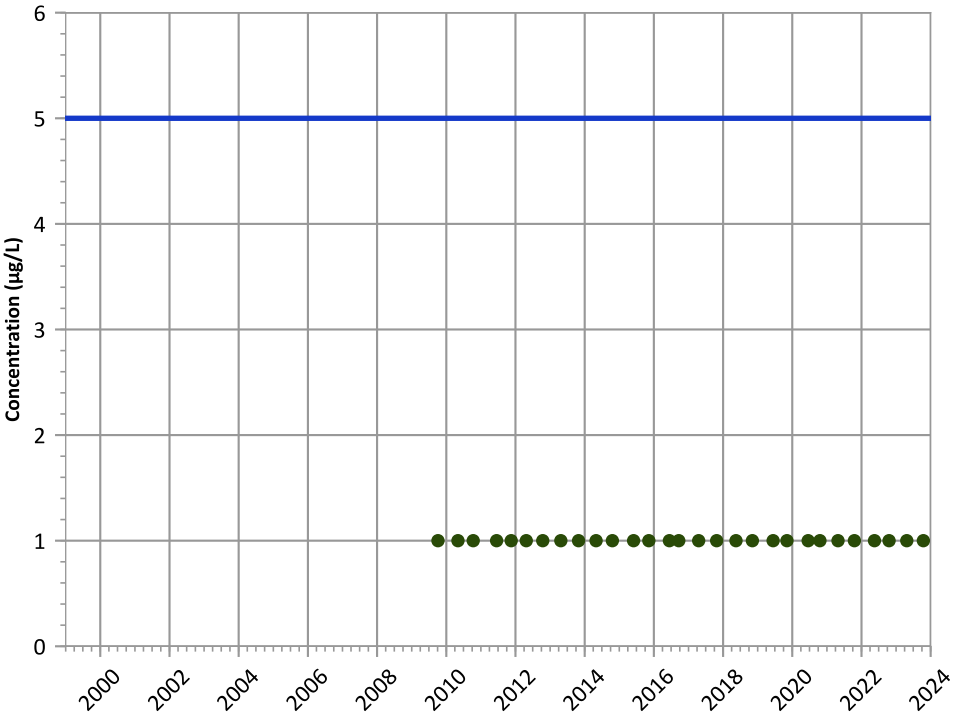


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

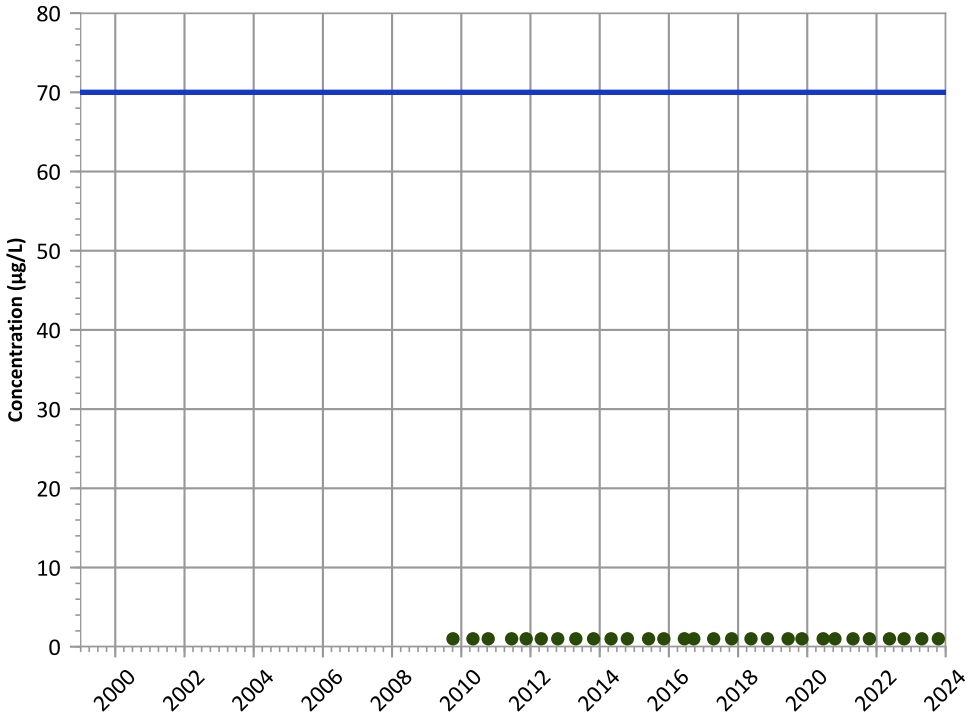
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



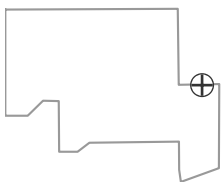
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

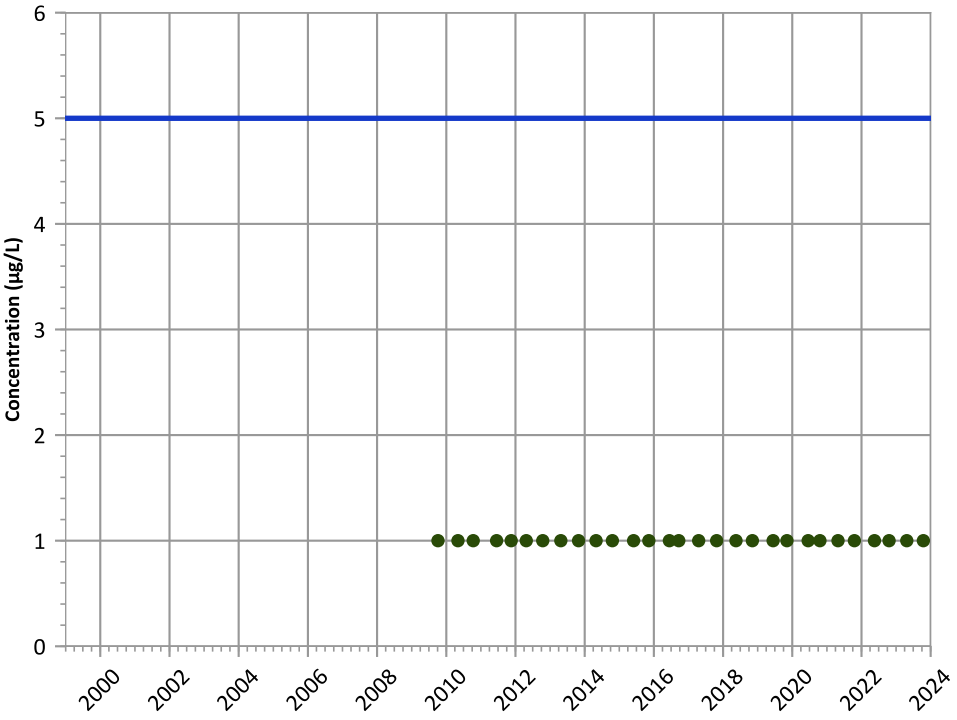
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

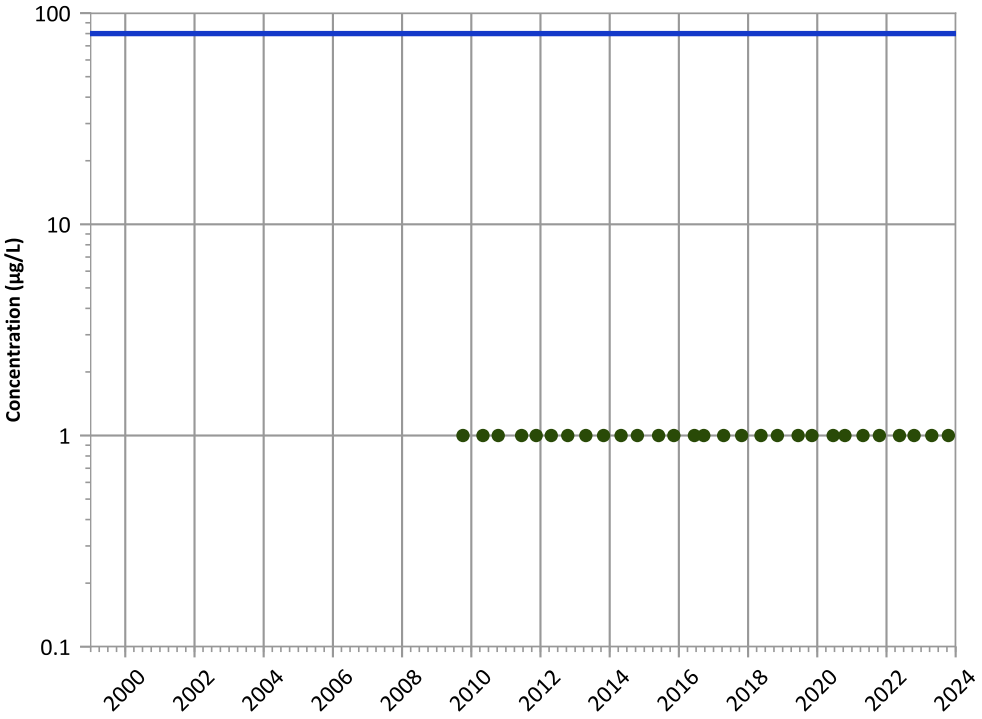
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

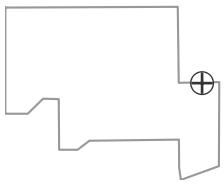
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

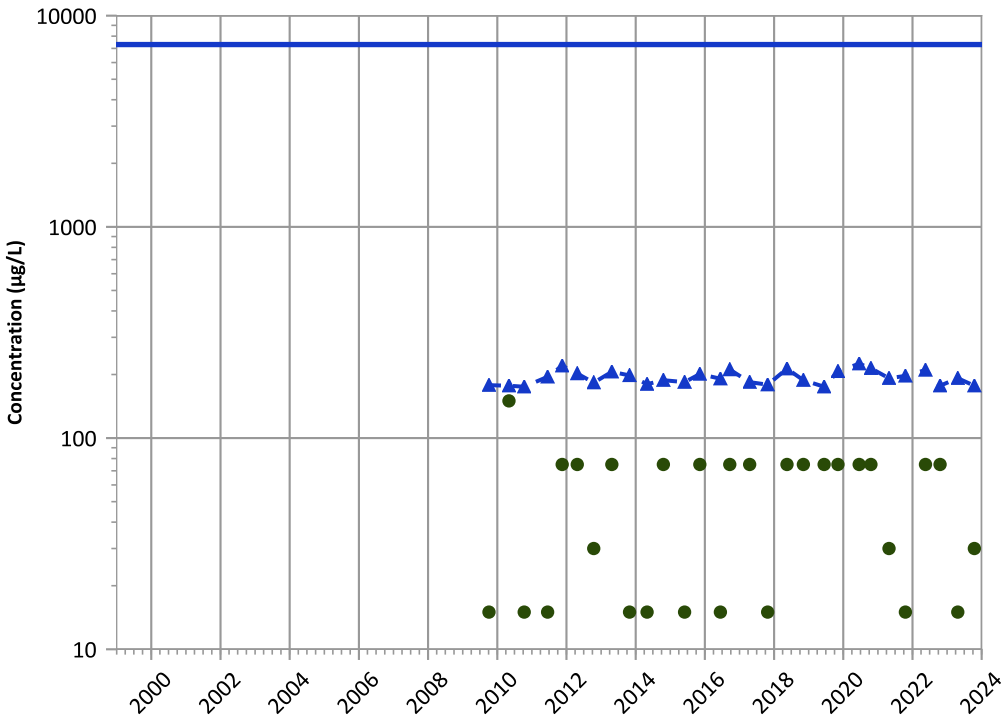


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

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

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

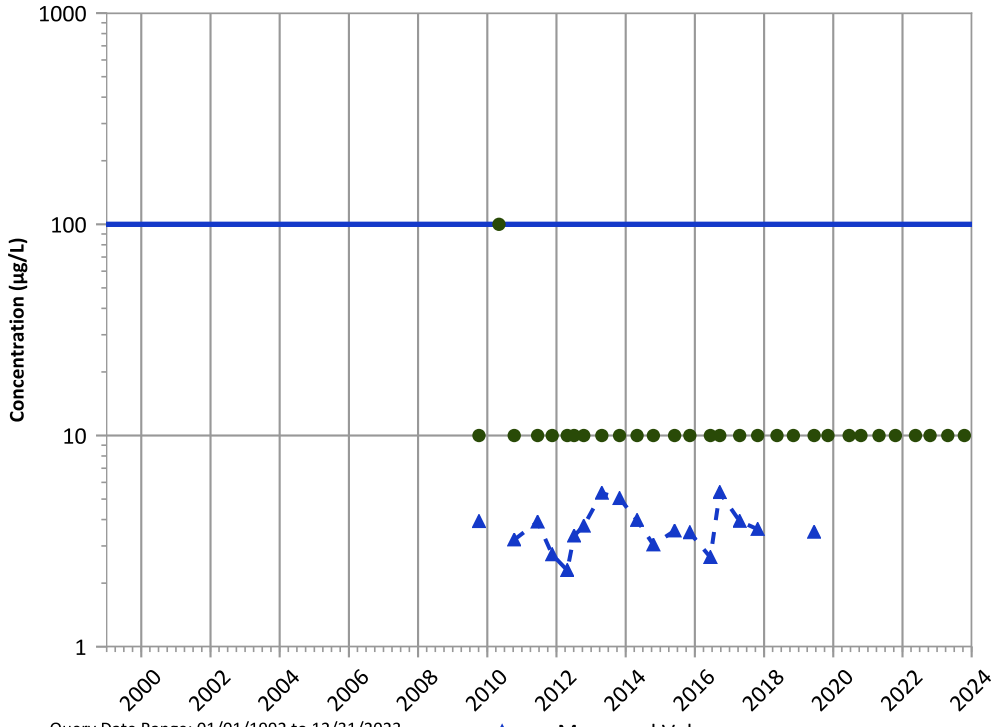


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Chromium, Total Trend



Concentration Trend

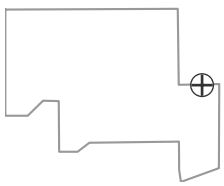
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

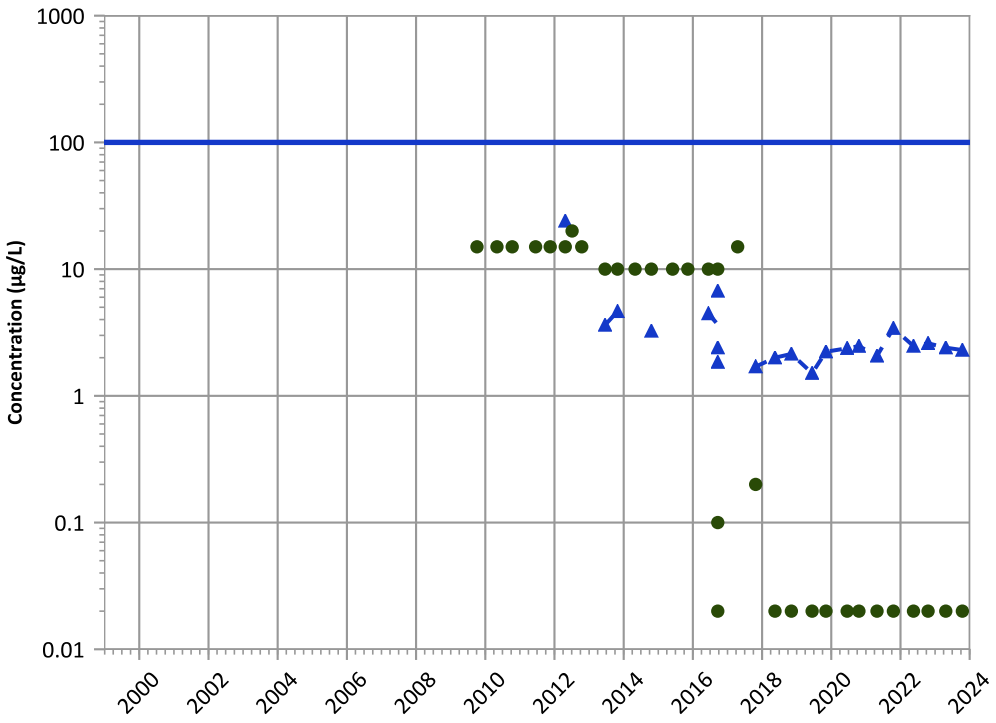
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

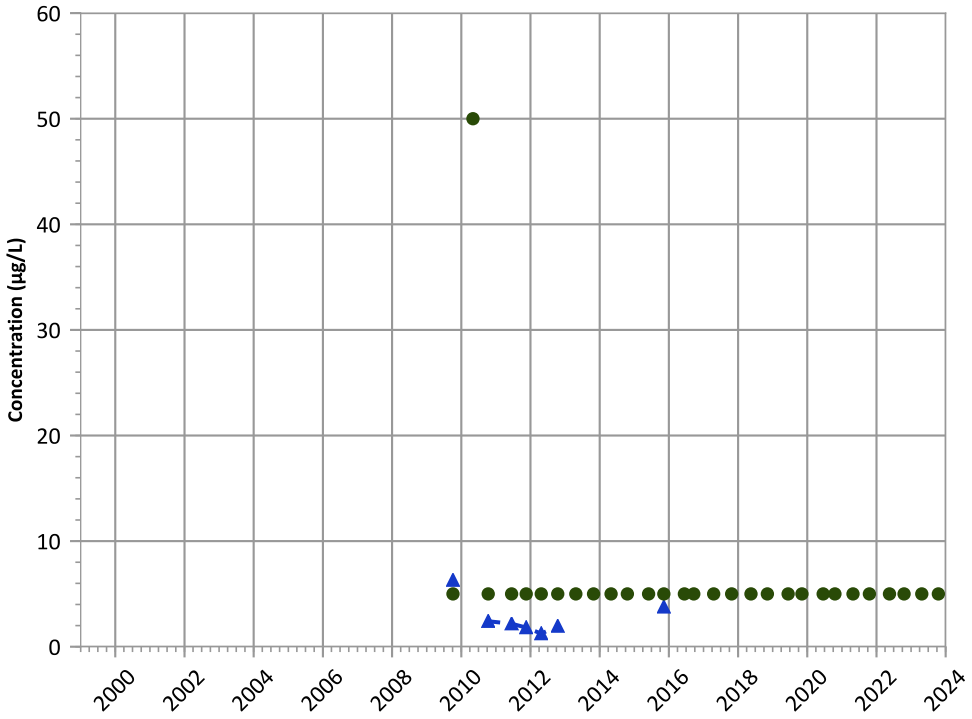


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

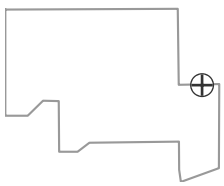
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

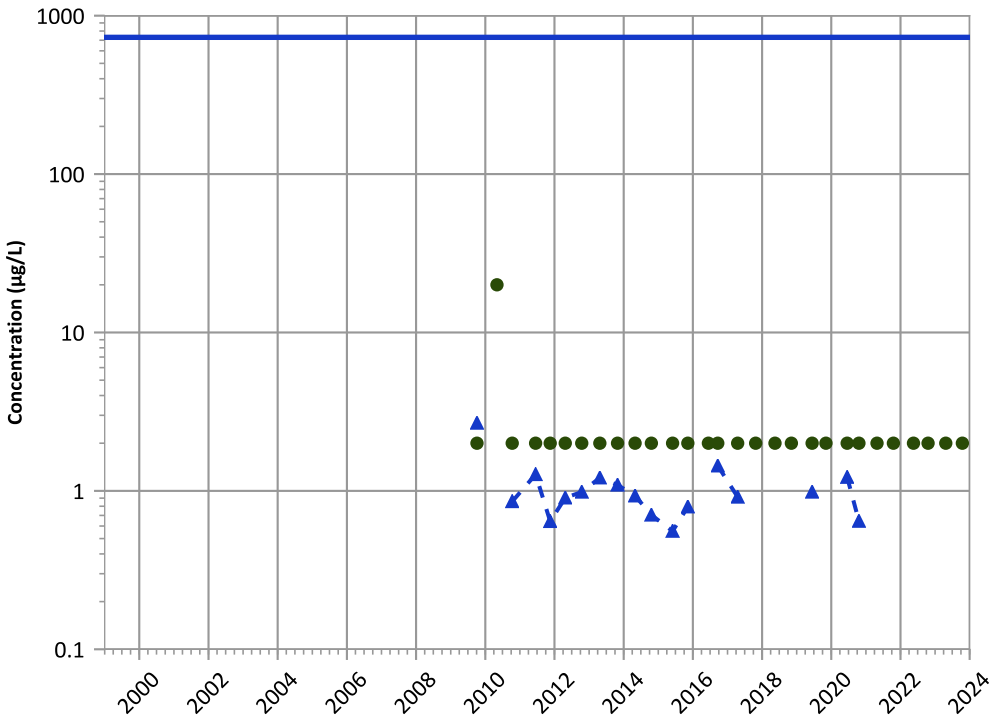
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

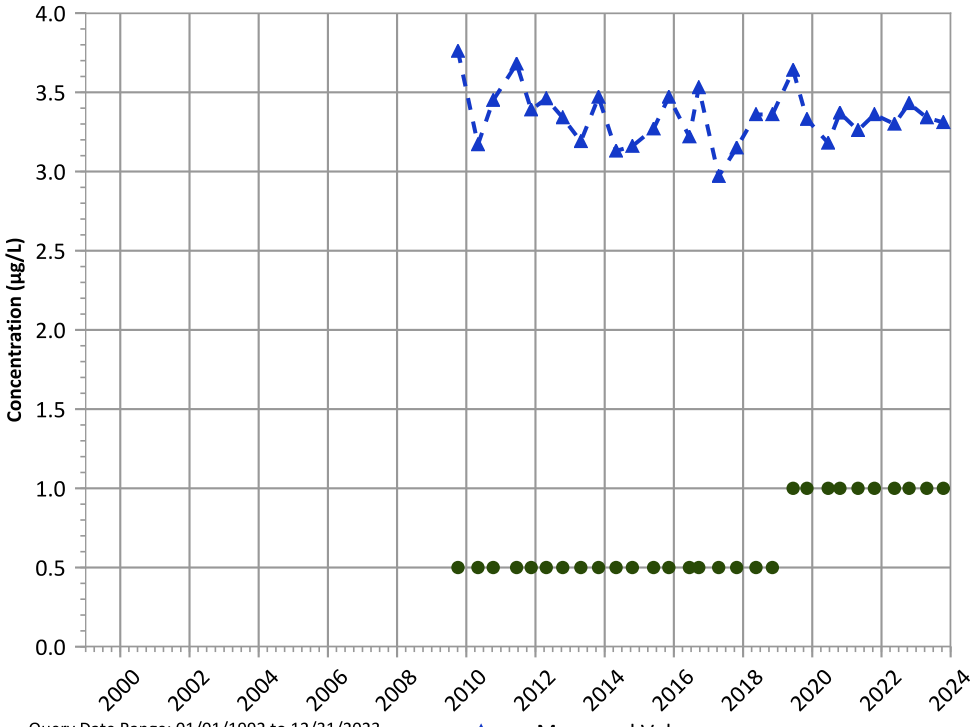


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Molybdenum Trend



Concentration Trend

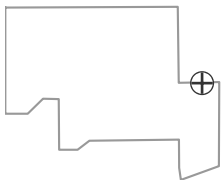
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

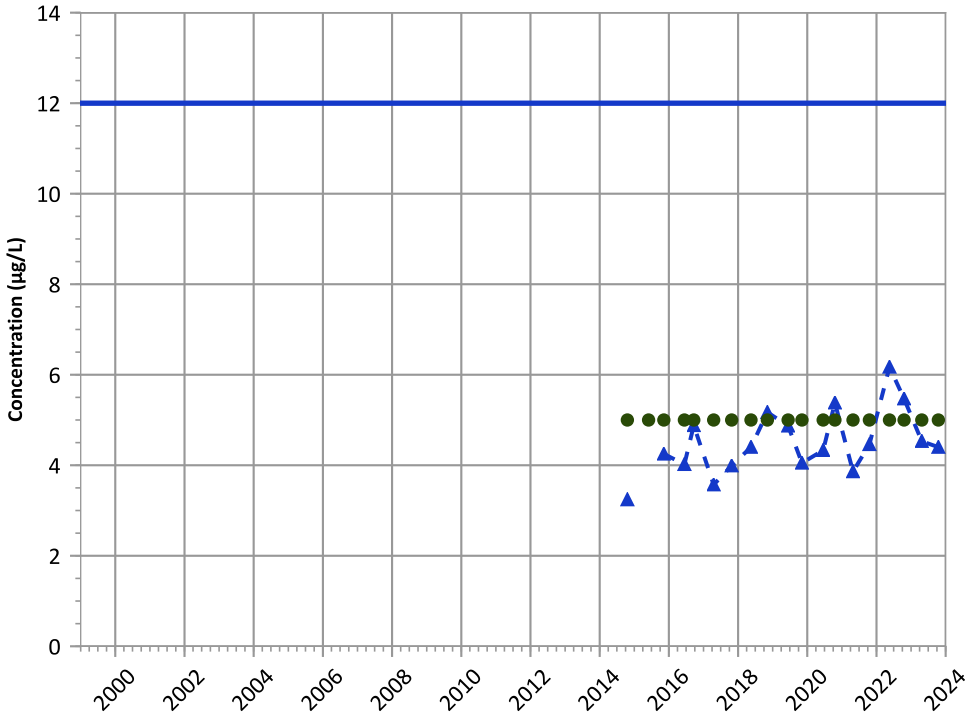
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

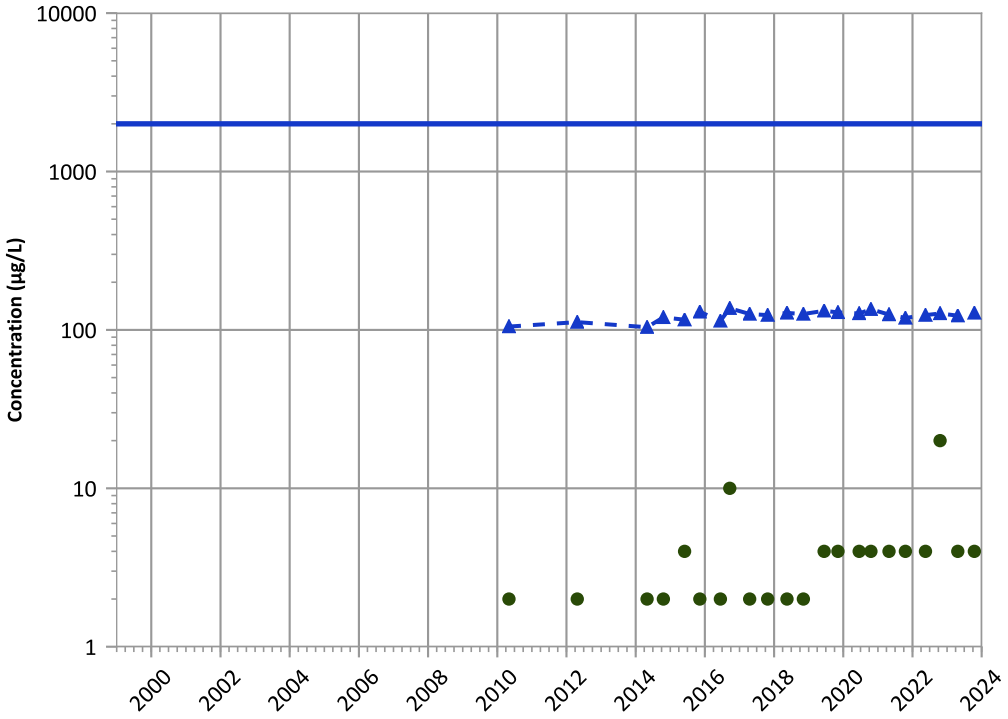
Arsenic Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Barium Trend



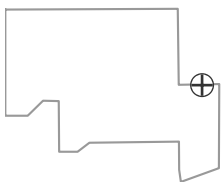
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

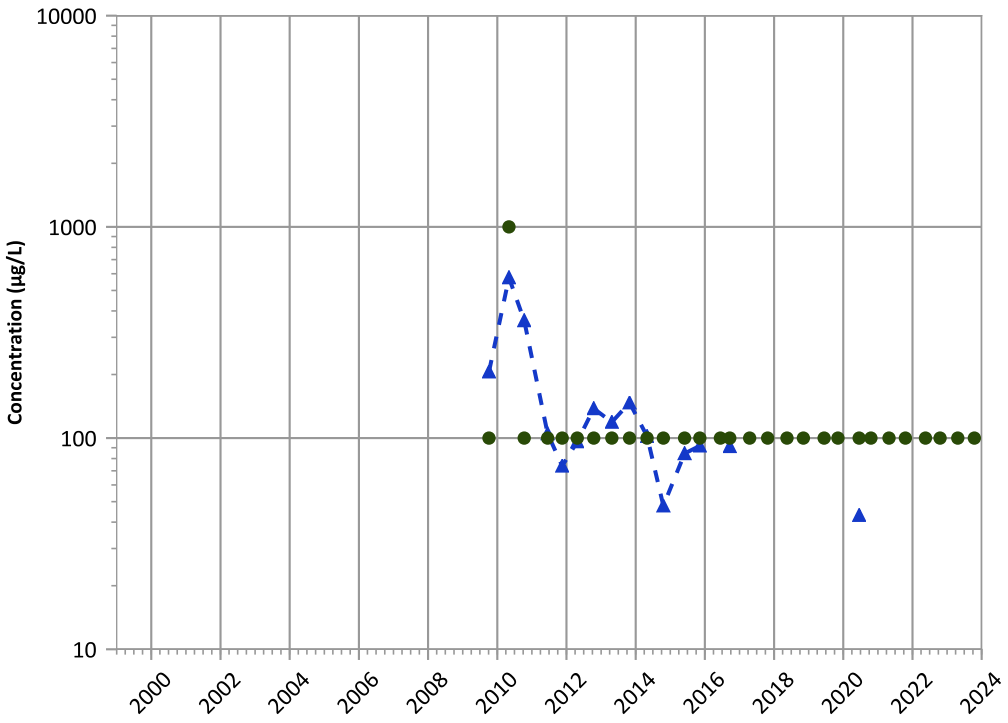
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

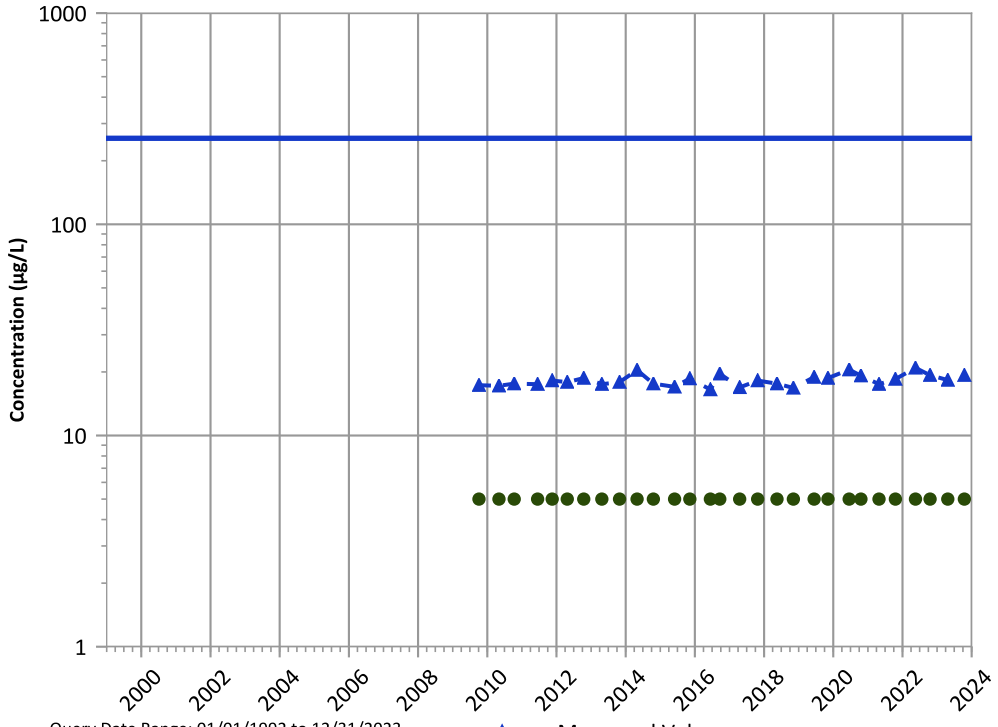
Iron Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Vanadium Trend



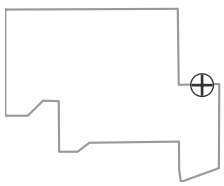
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

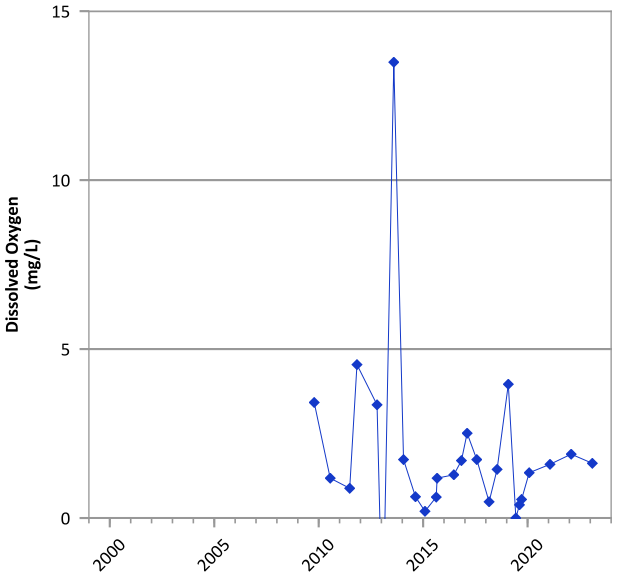
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/05/2009 to 10/16/2023
Analysis Date: 03/29/2024

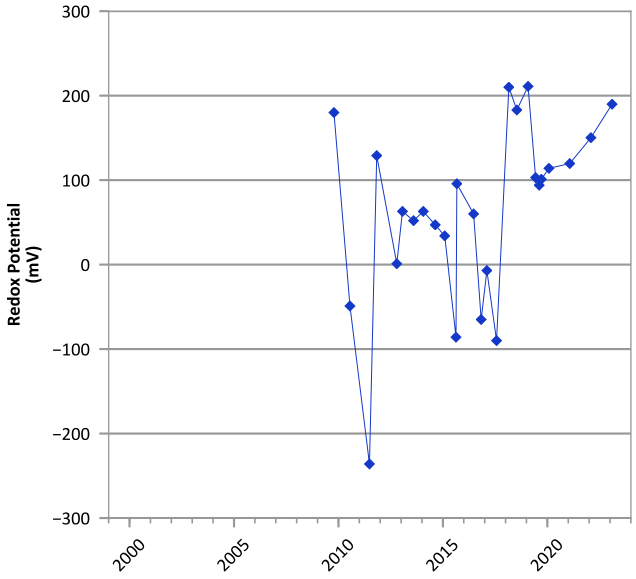
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

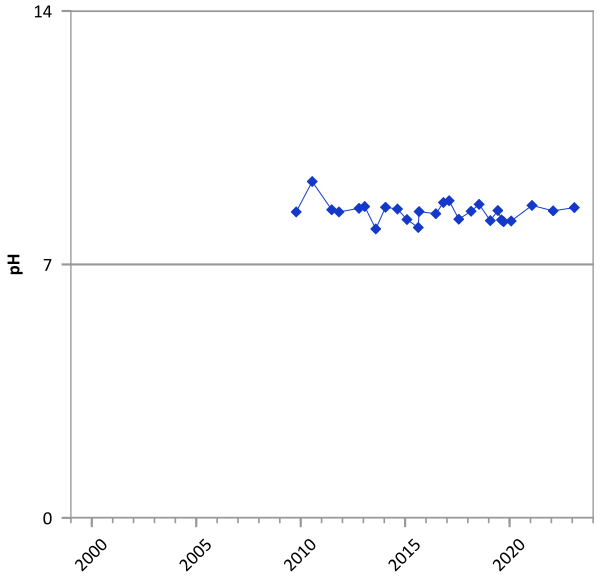
Well Location

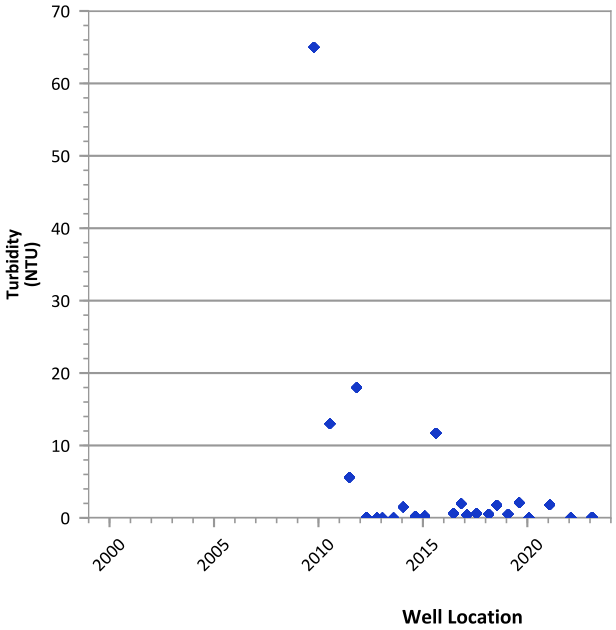


PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

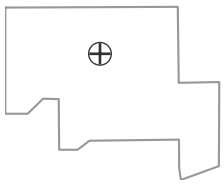






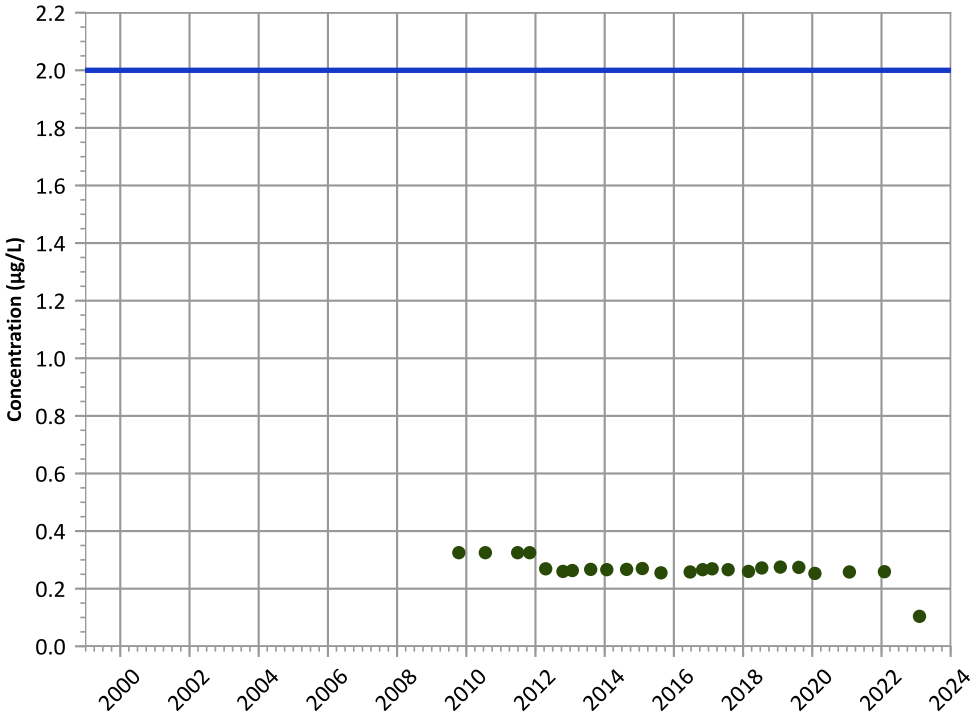


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

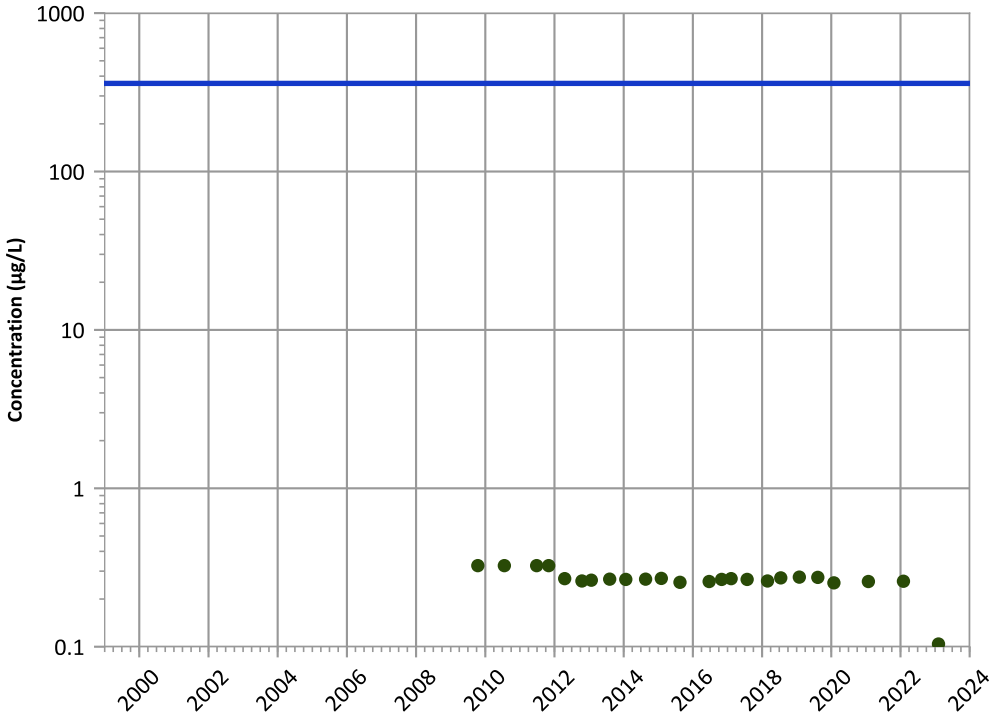


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

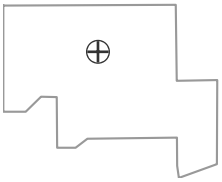


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

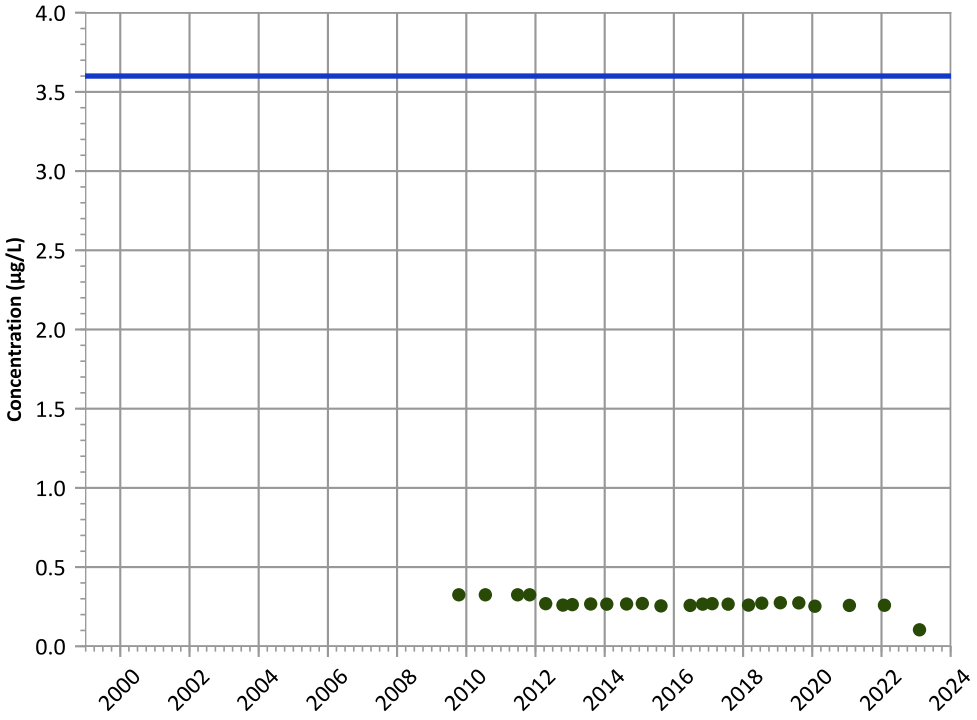


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

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

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

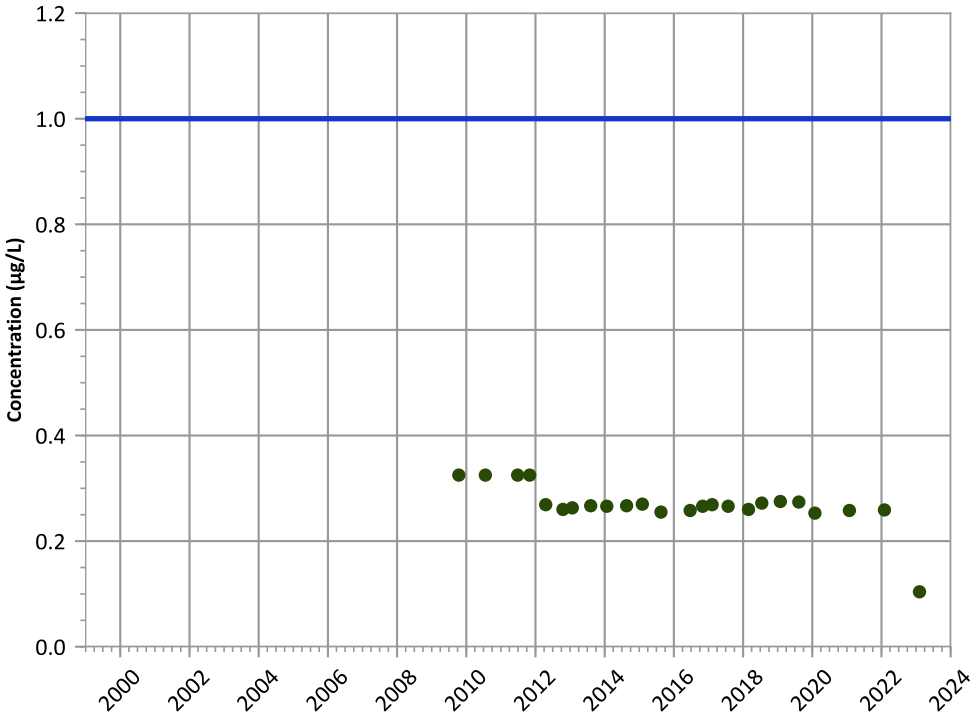
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



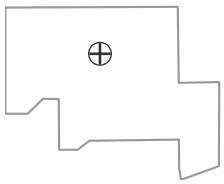
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

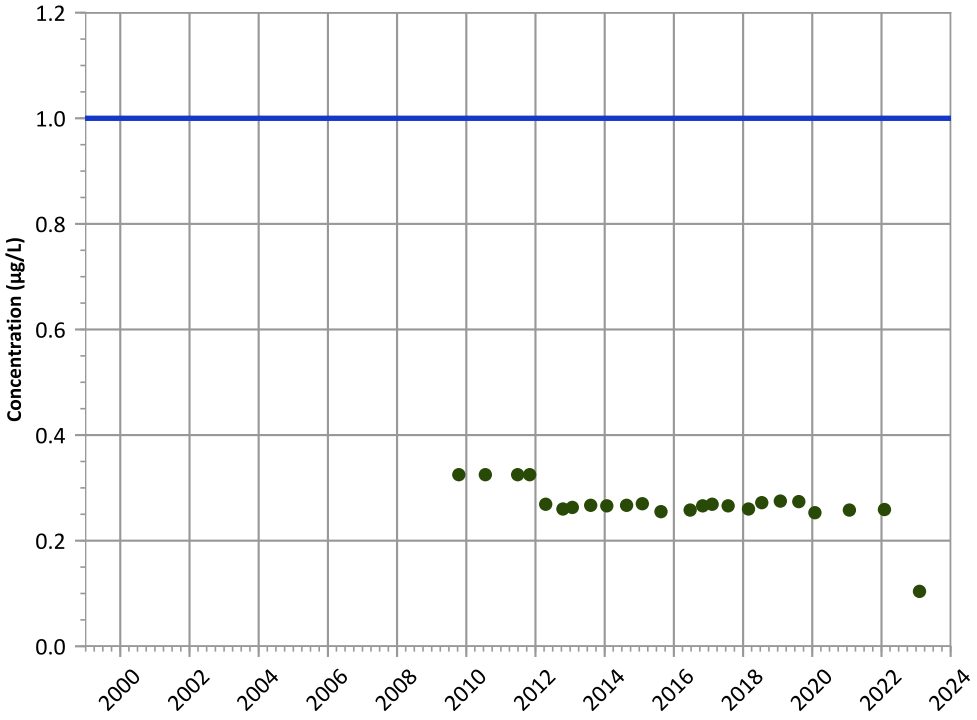
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

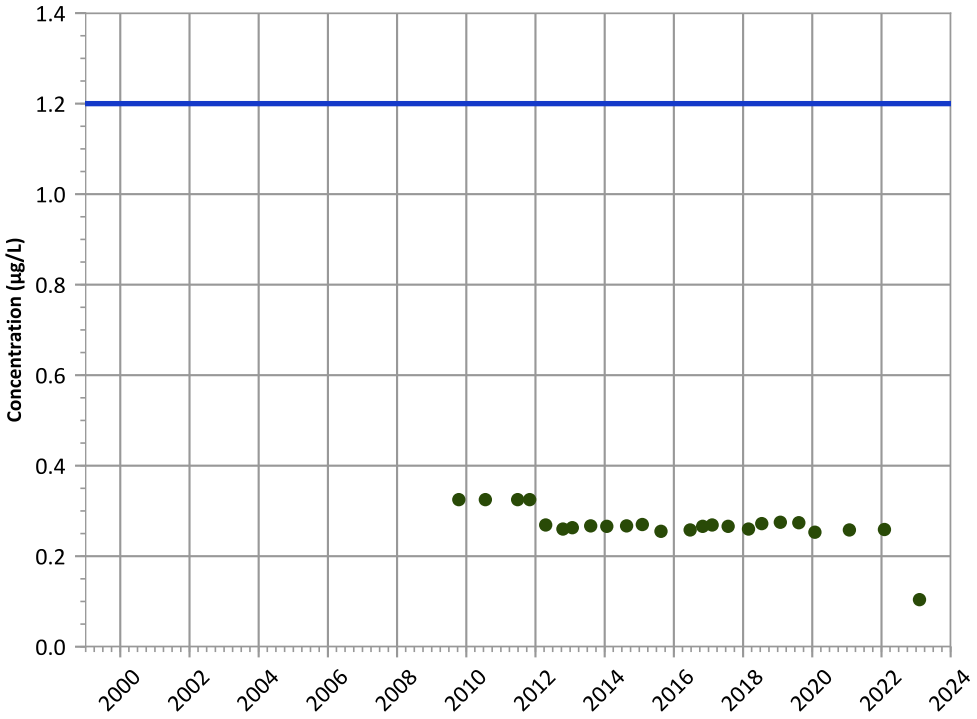


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

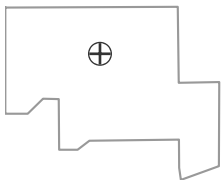
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

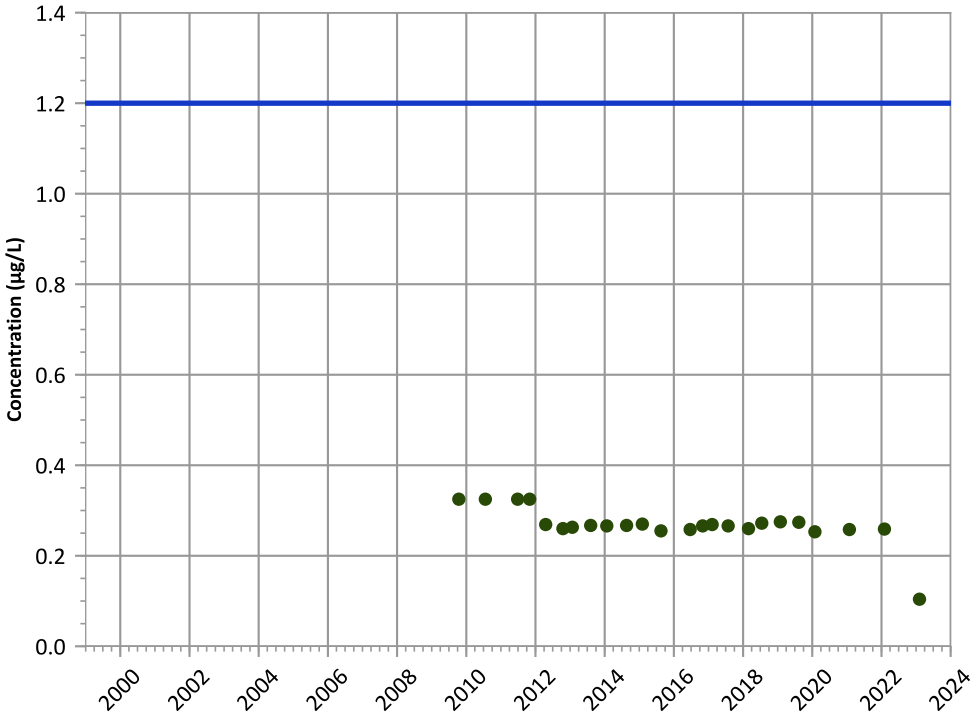
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

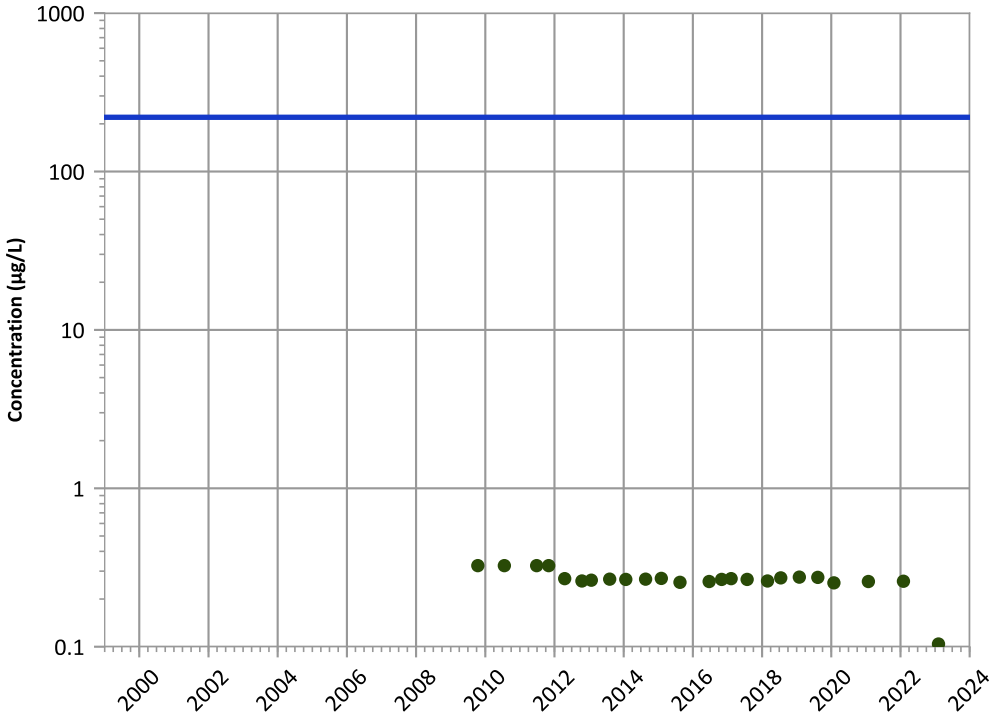


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

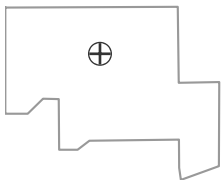
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

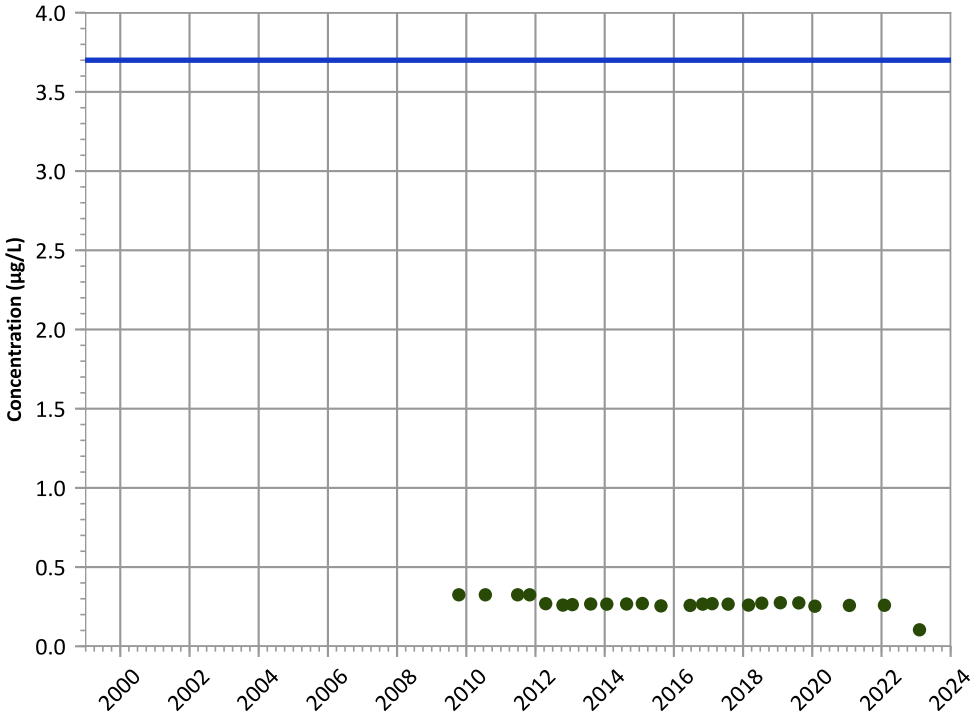
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

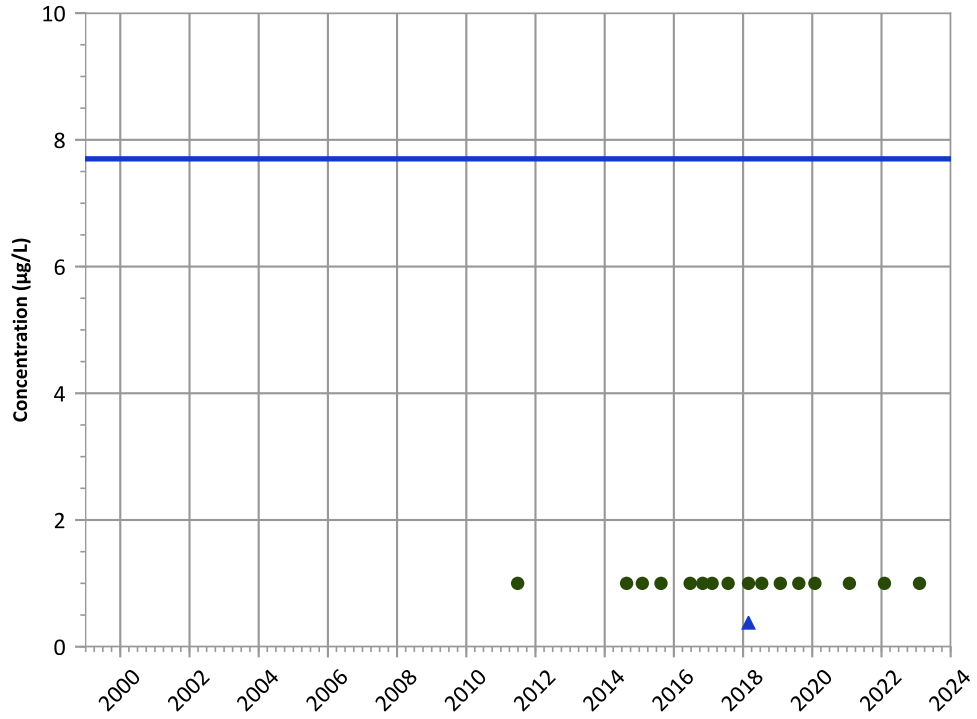


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

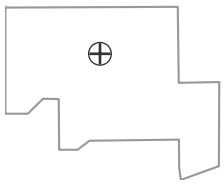
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

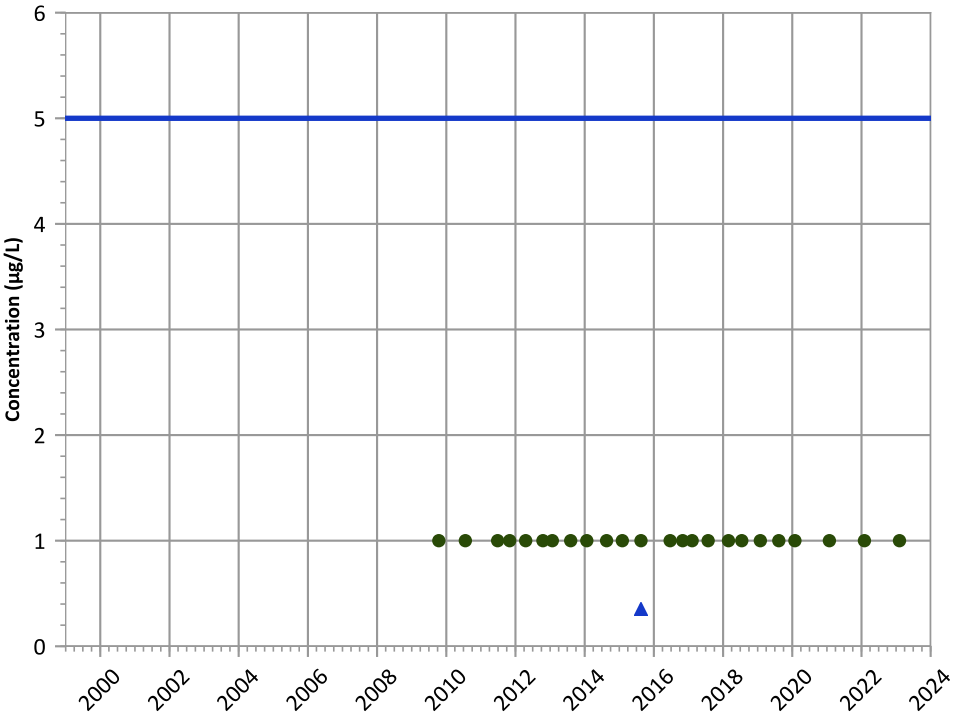
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

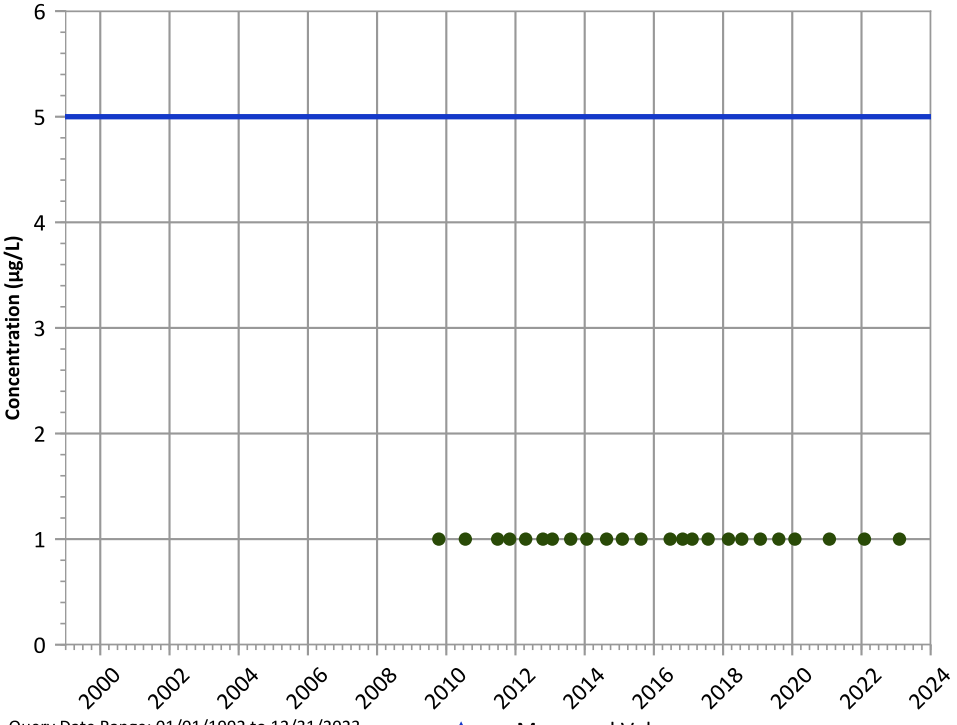


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

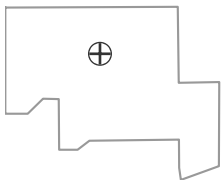
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

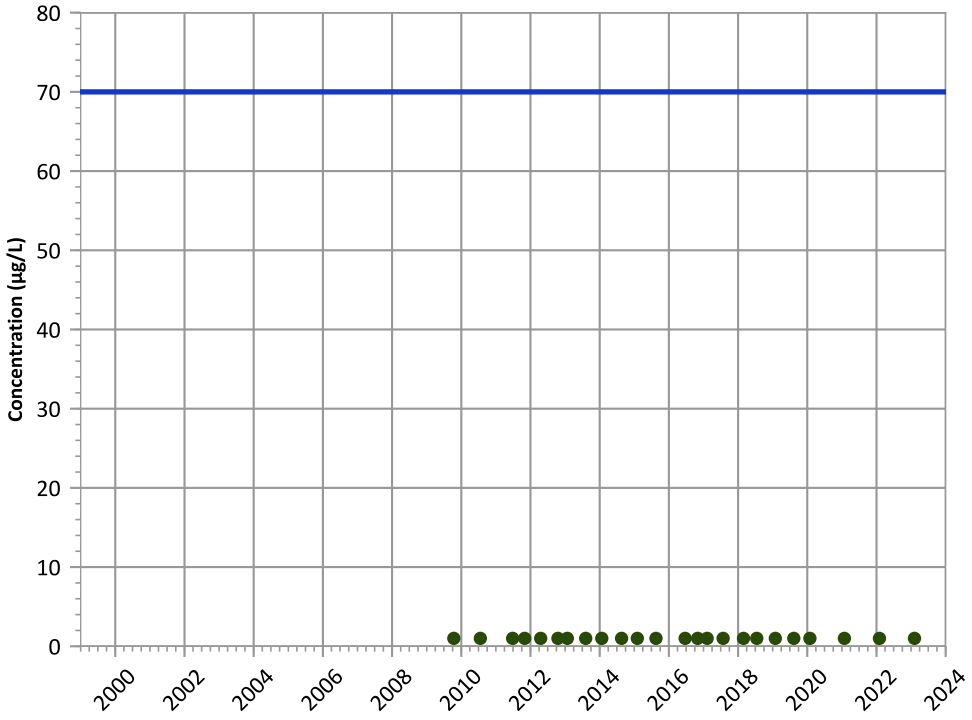
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

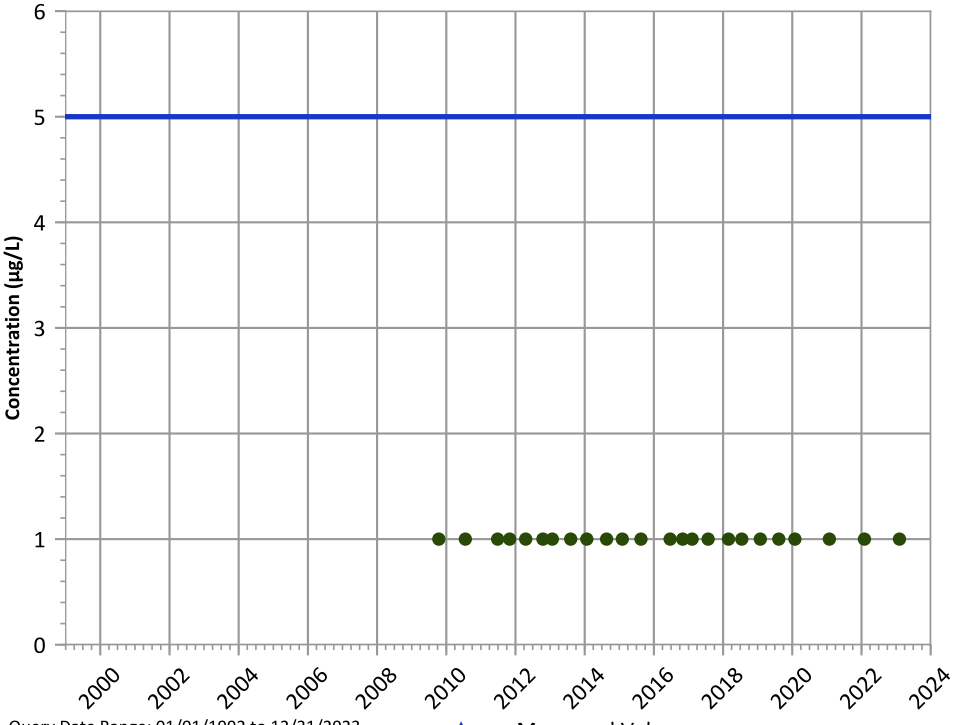


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

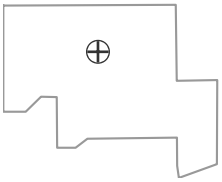


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

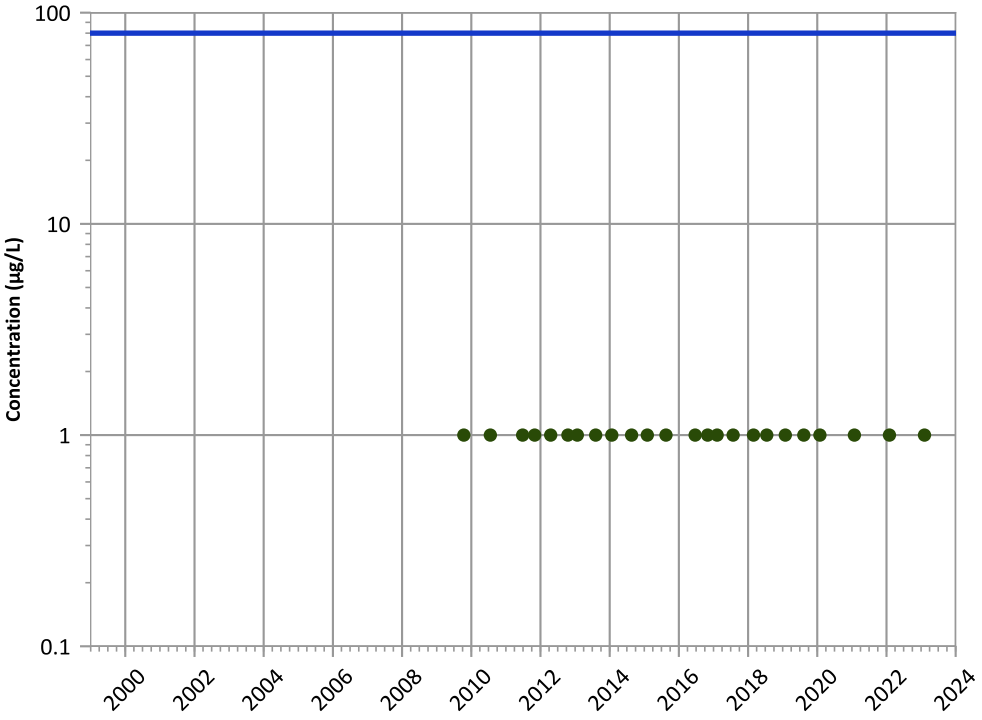


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

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

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

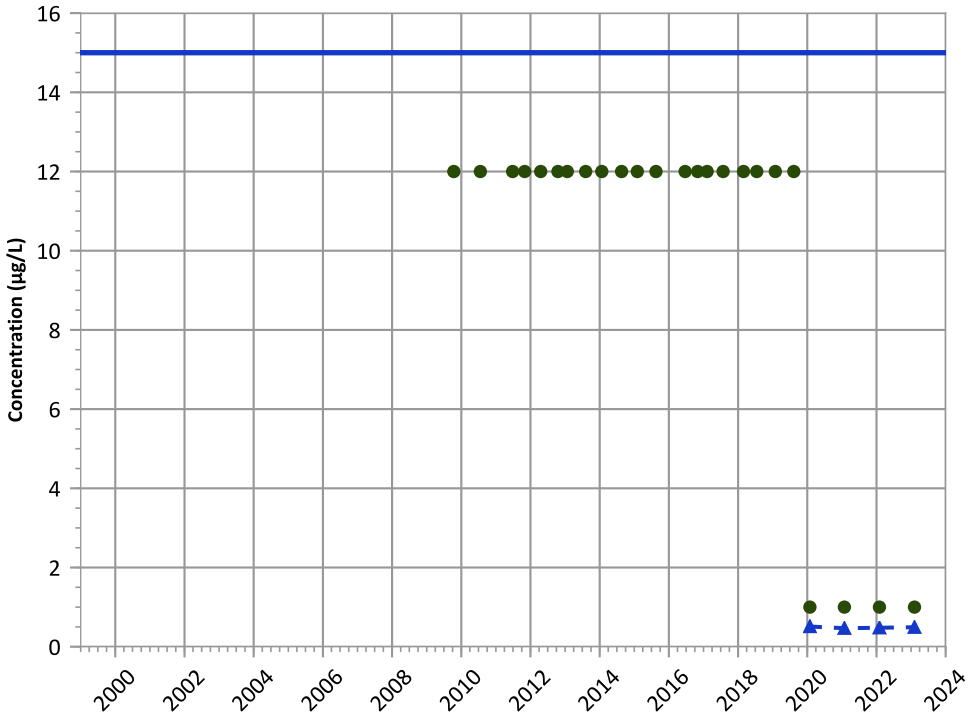


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

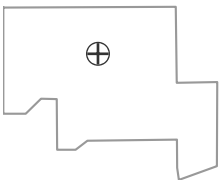
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

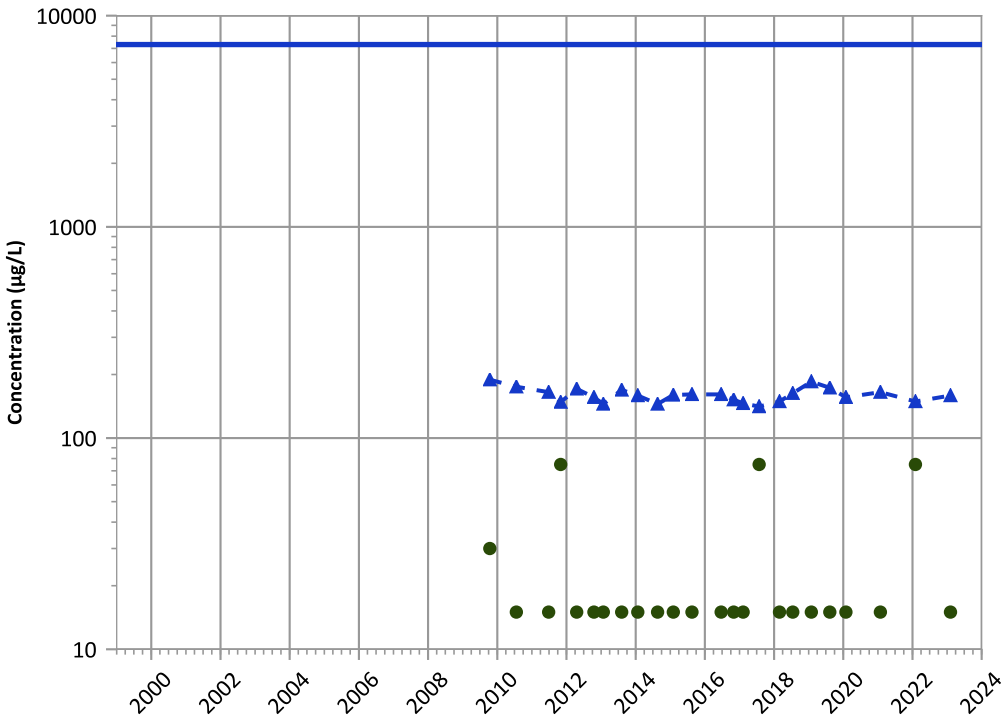
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

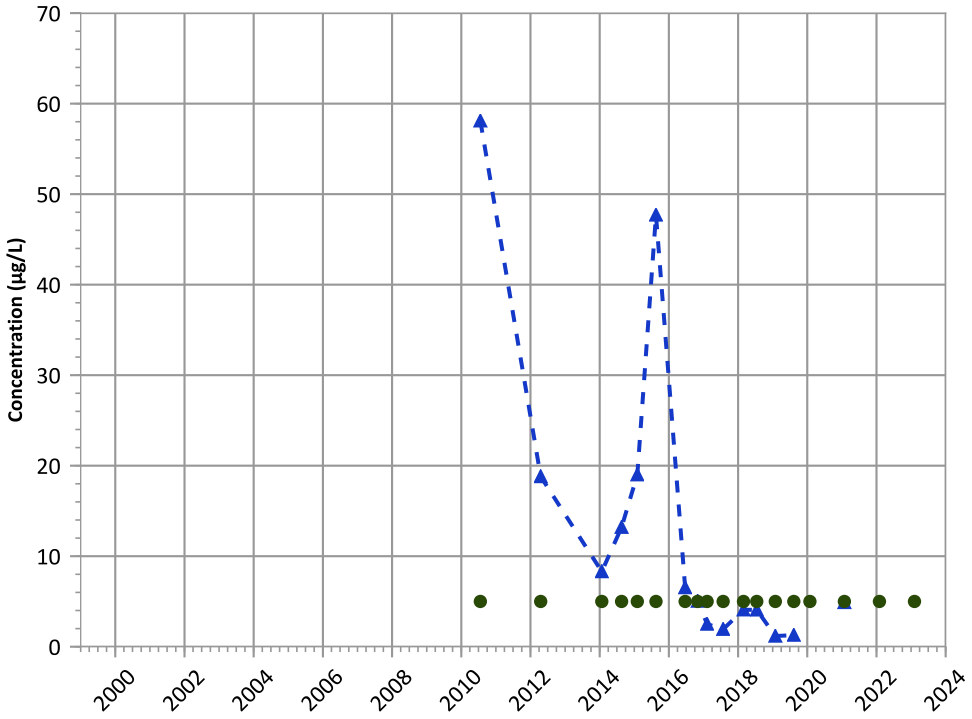


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

Manganese Trend



Concentration Trend

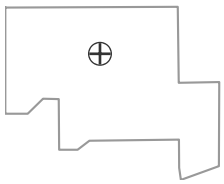
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

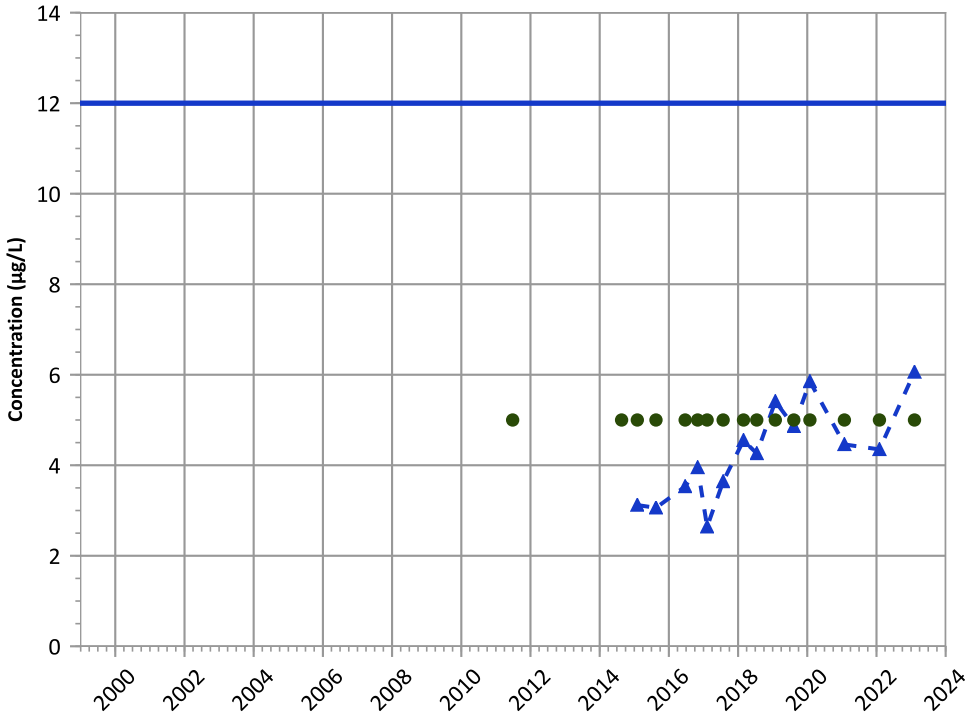
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

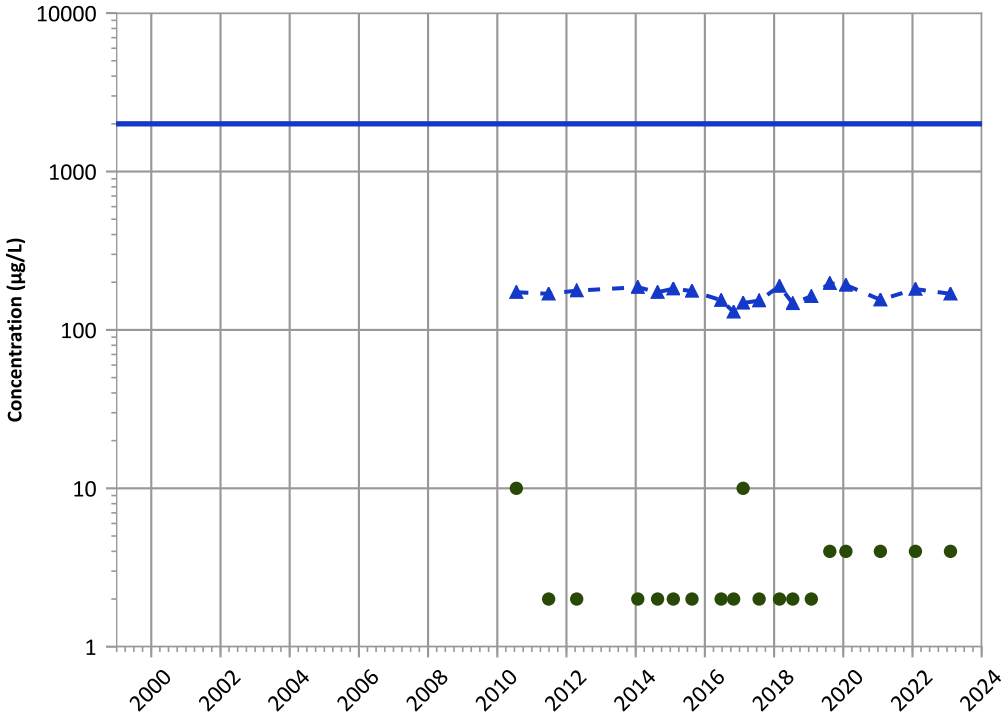


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

Barium Trend

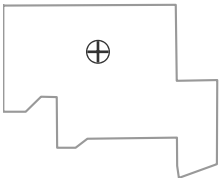


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

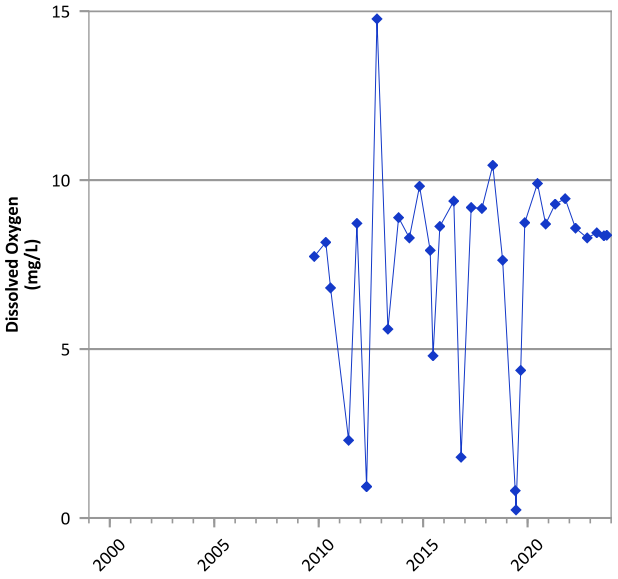
Well Location

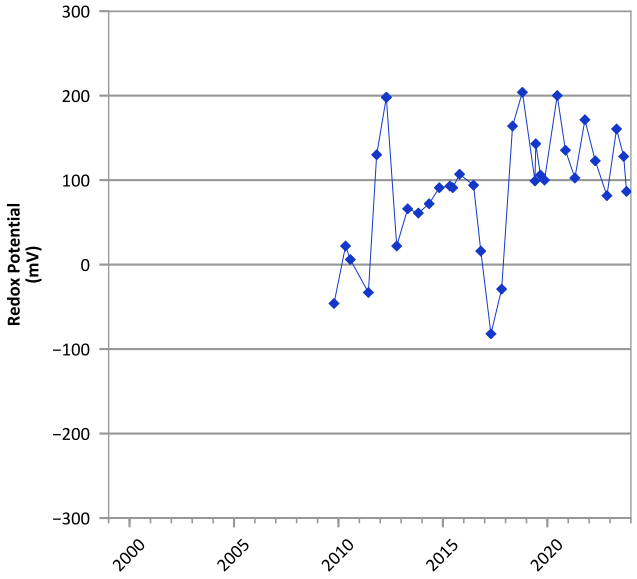


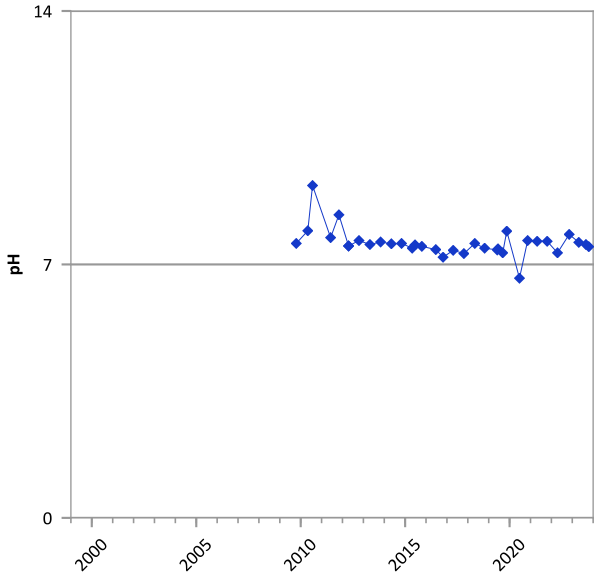
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/14/2009 to 02/06/2023
Analysis Date: 03/29/2024

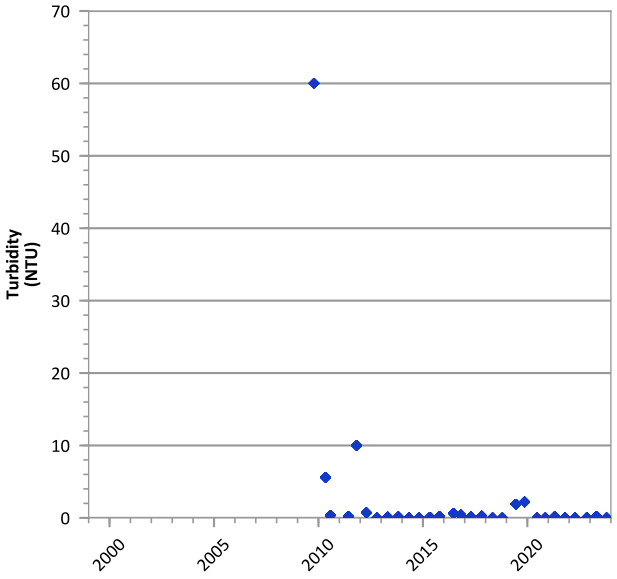
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

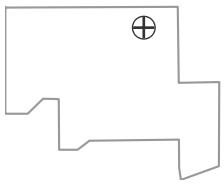






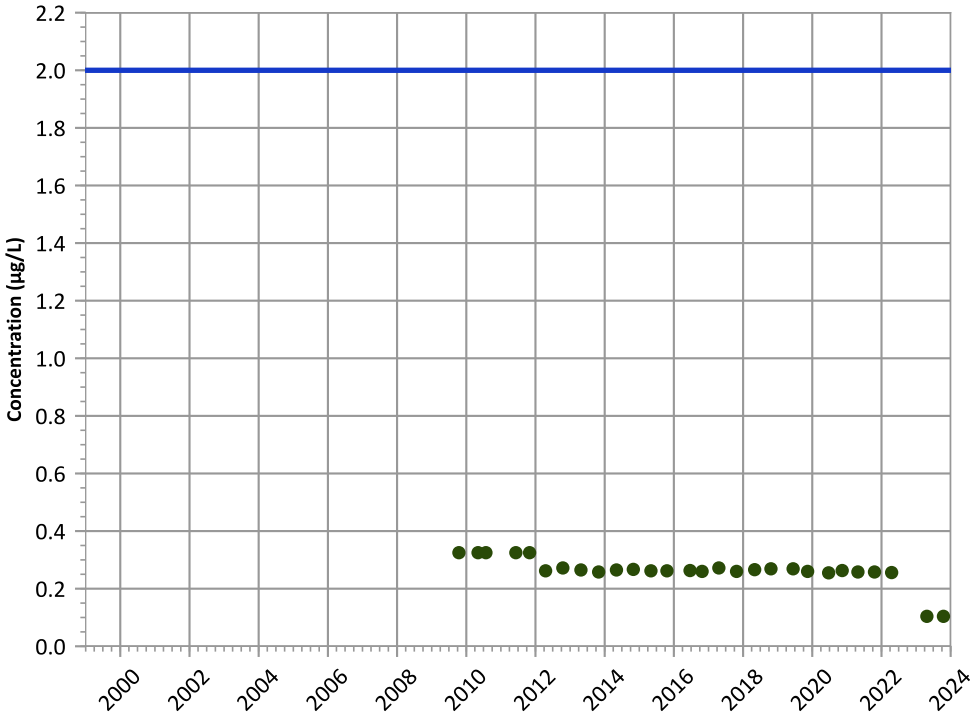


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

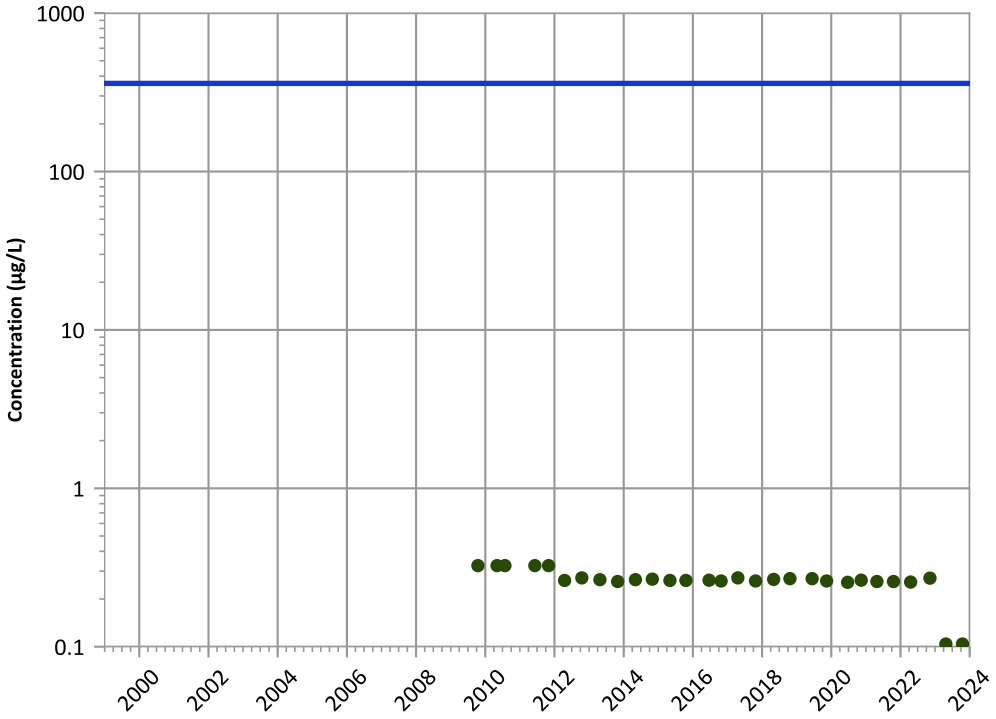


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

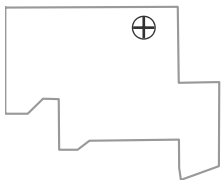


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

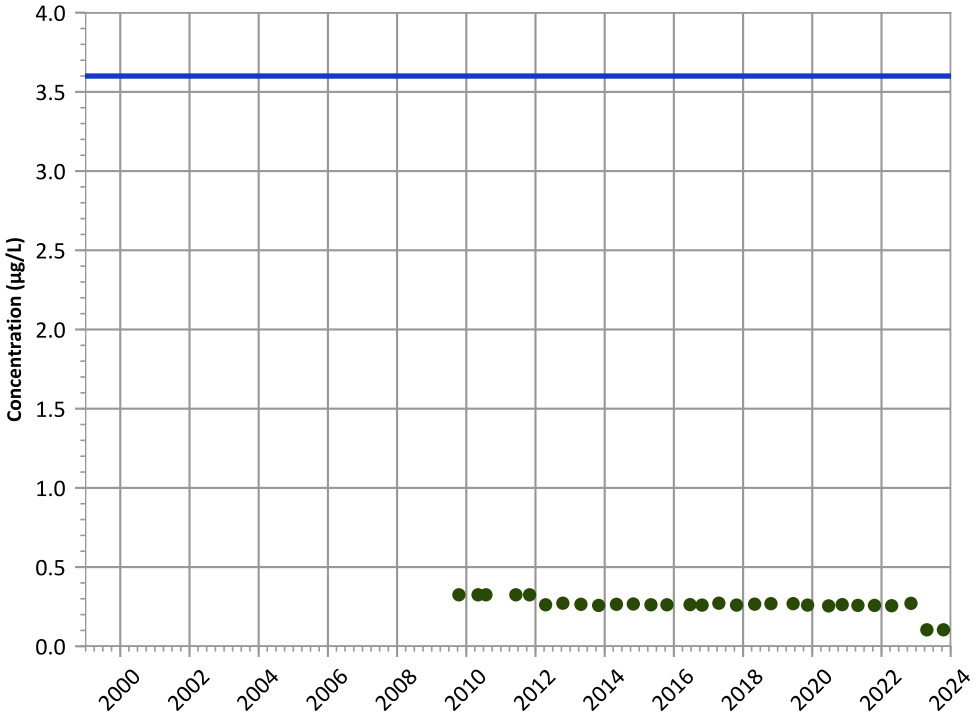


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

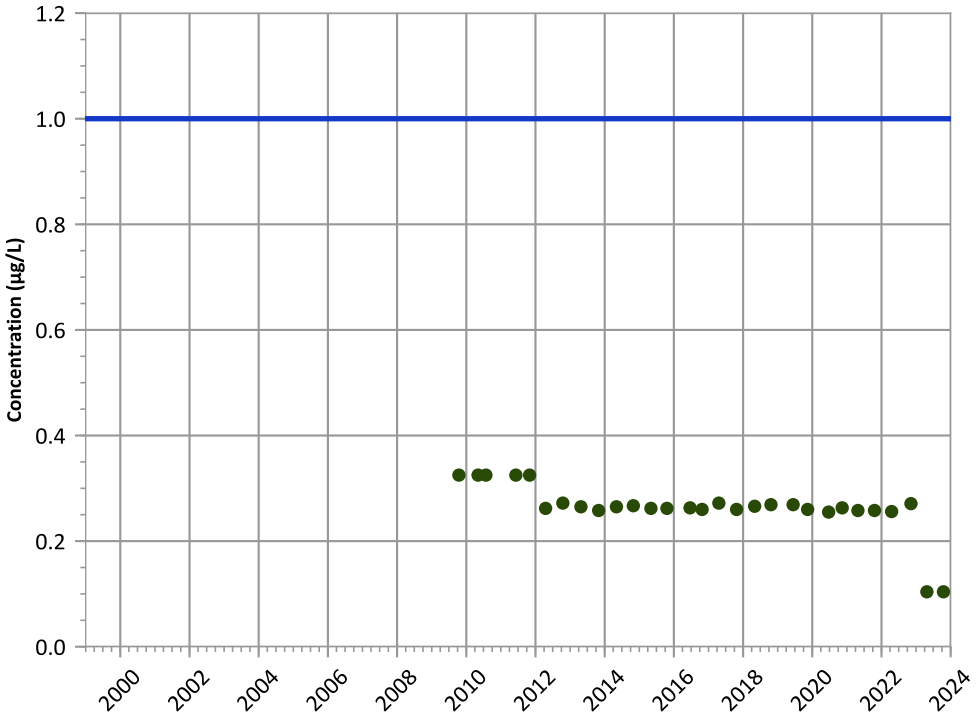
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



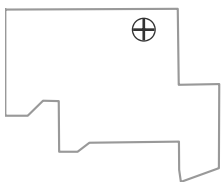
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

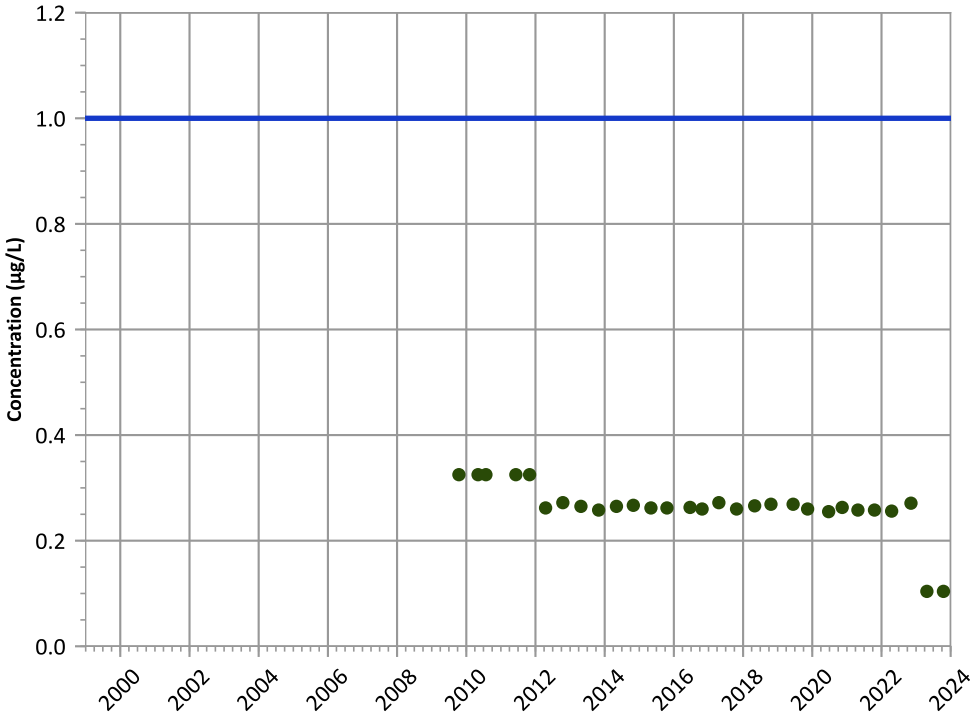
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

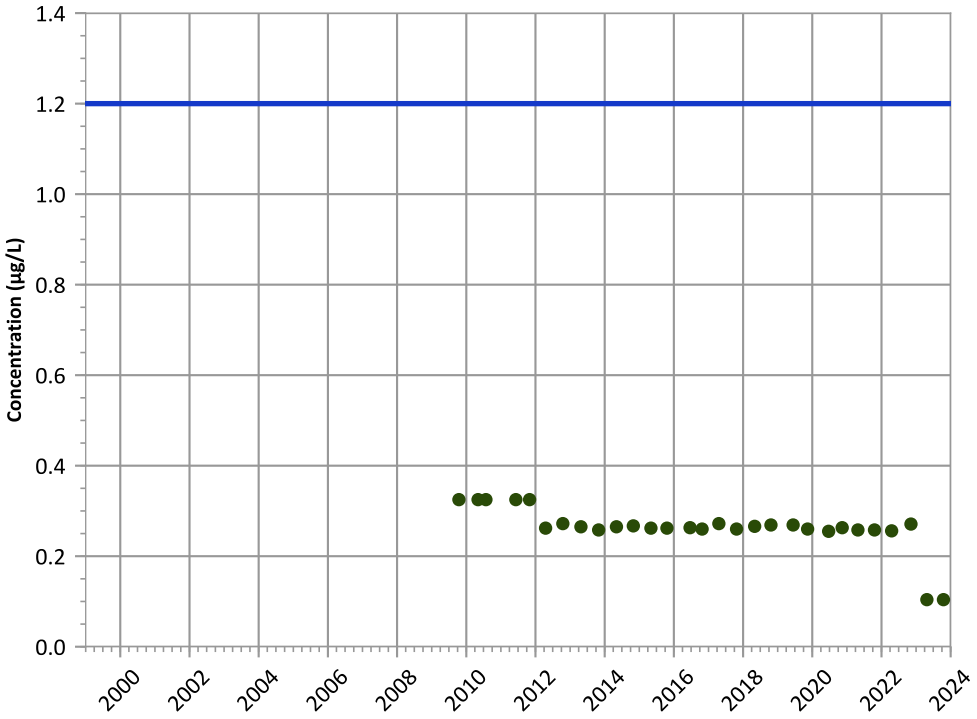


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

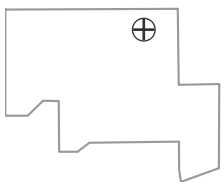
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

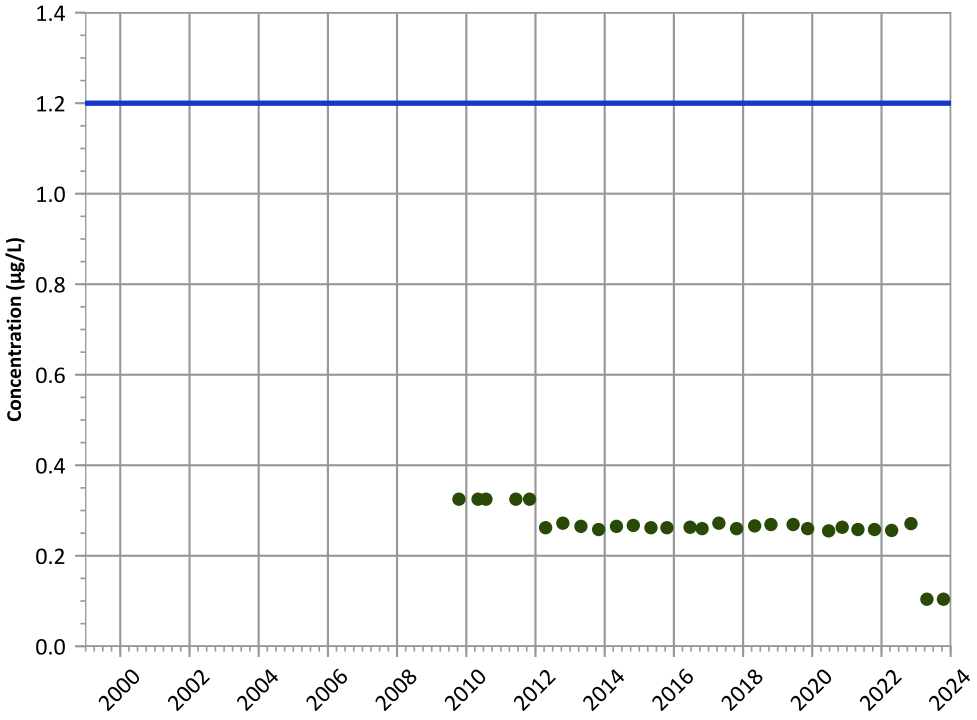
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

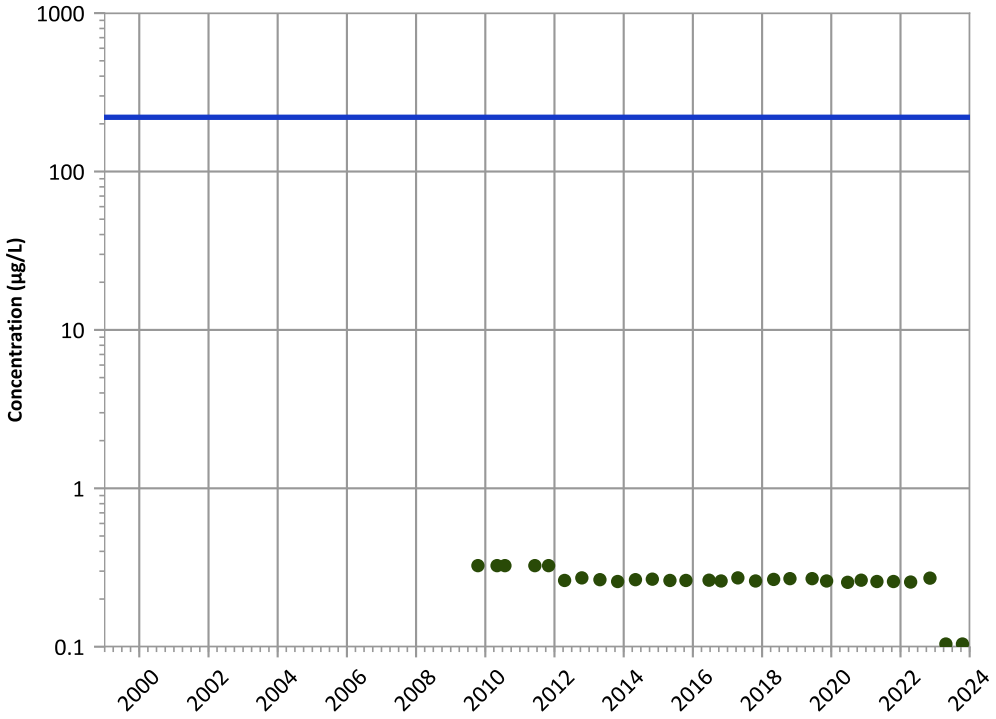


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend

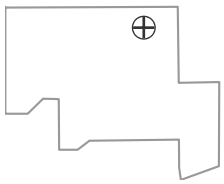


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

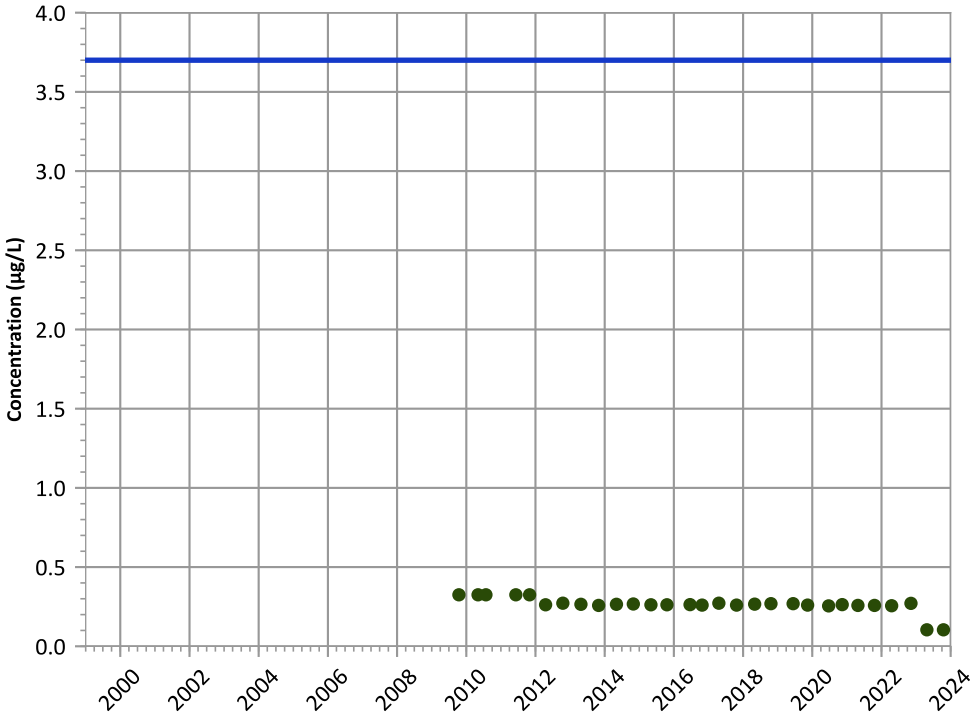


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

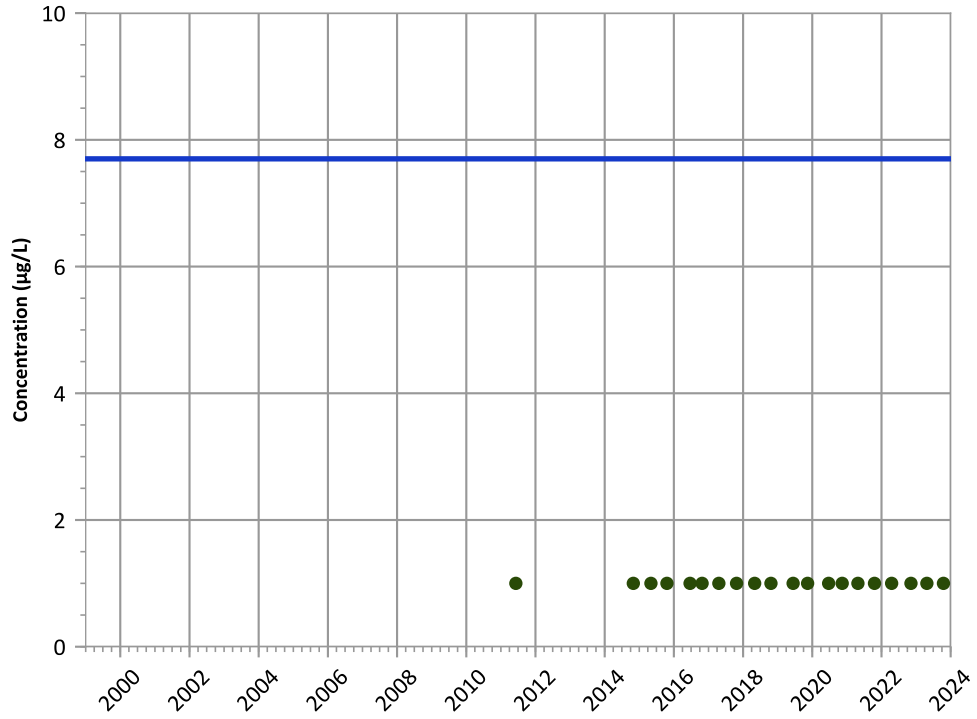
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

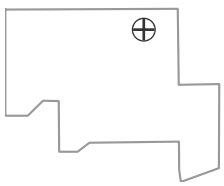
1,4-Dioxane (p-Dioxane) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

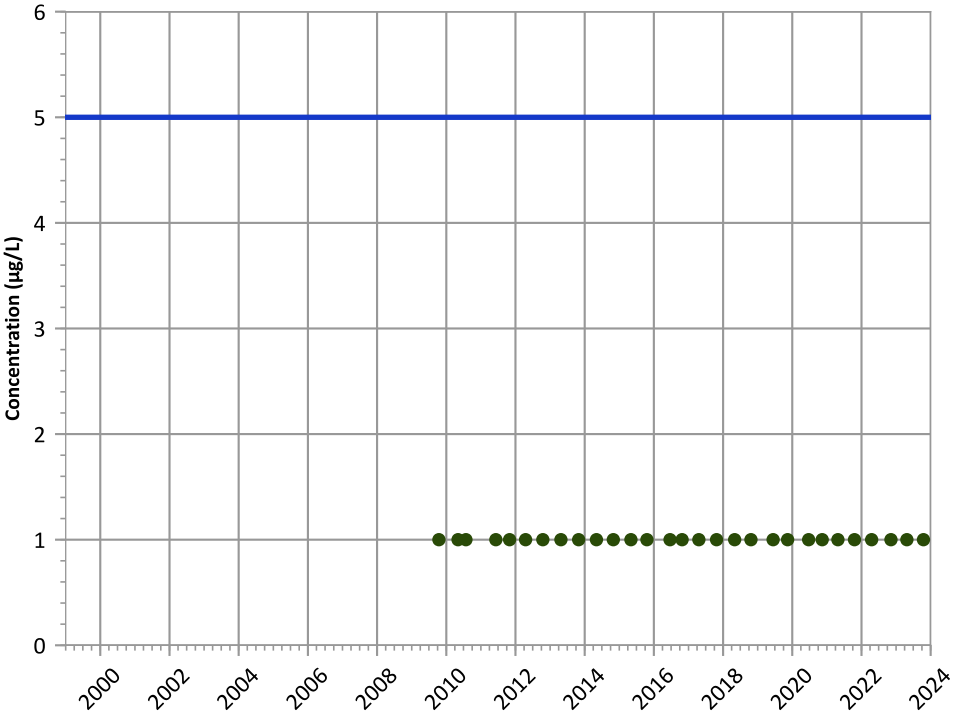


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

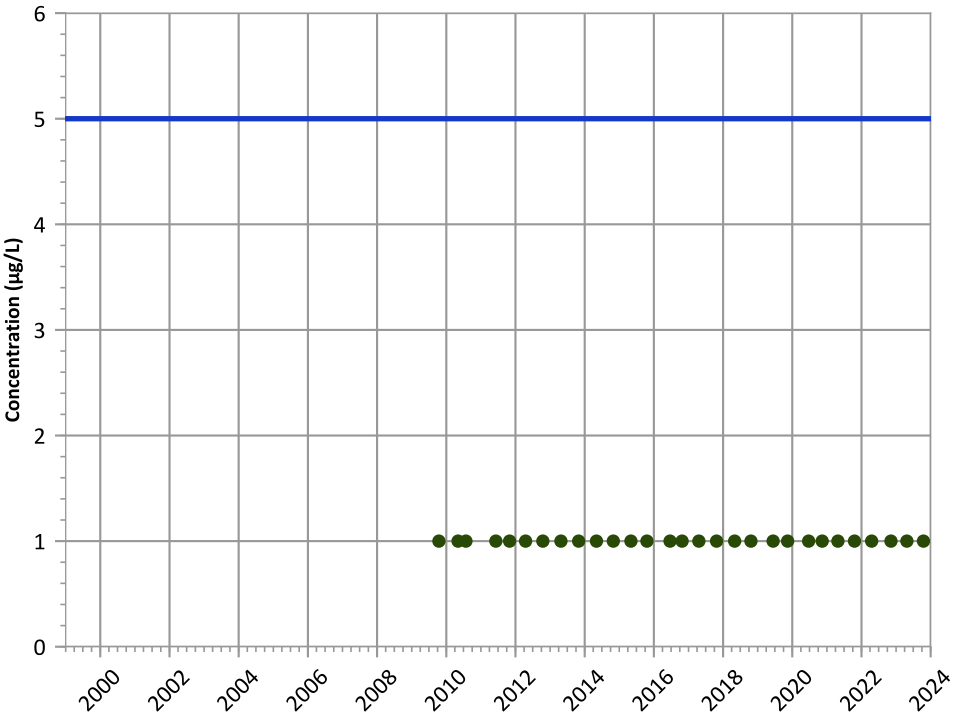
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



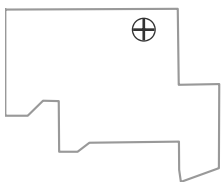
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

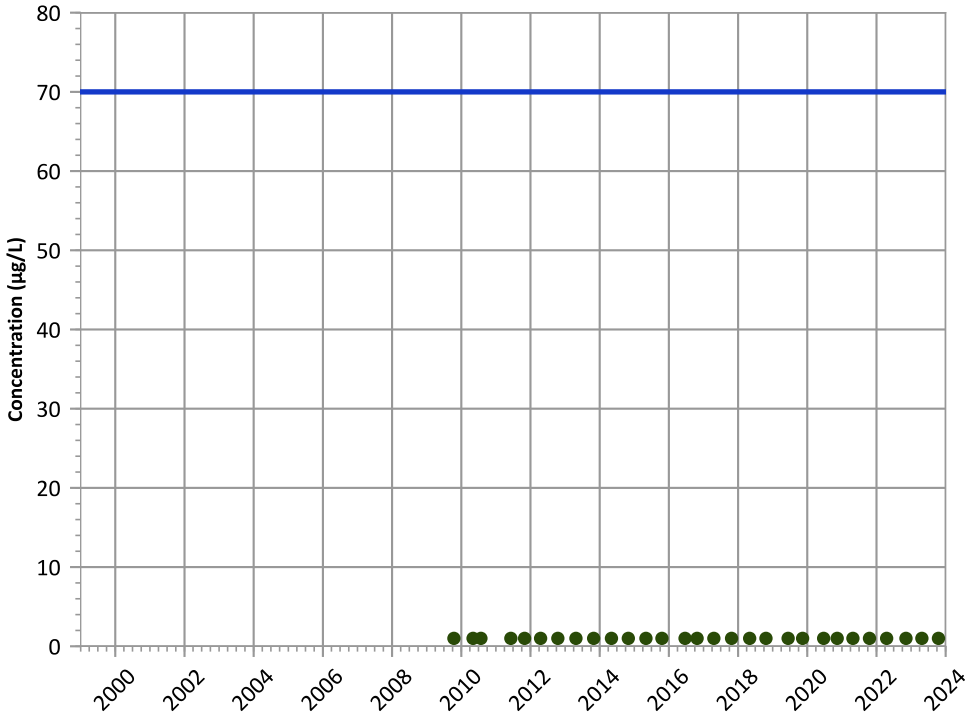
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

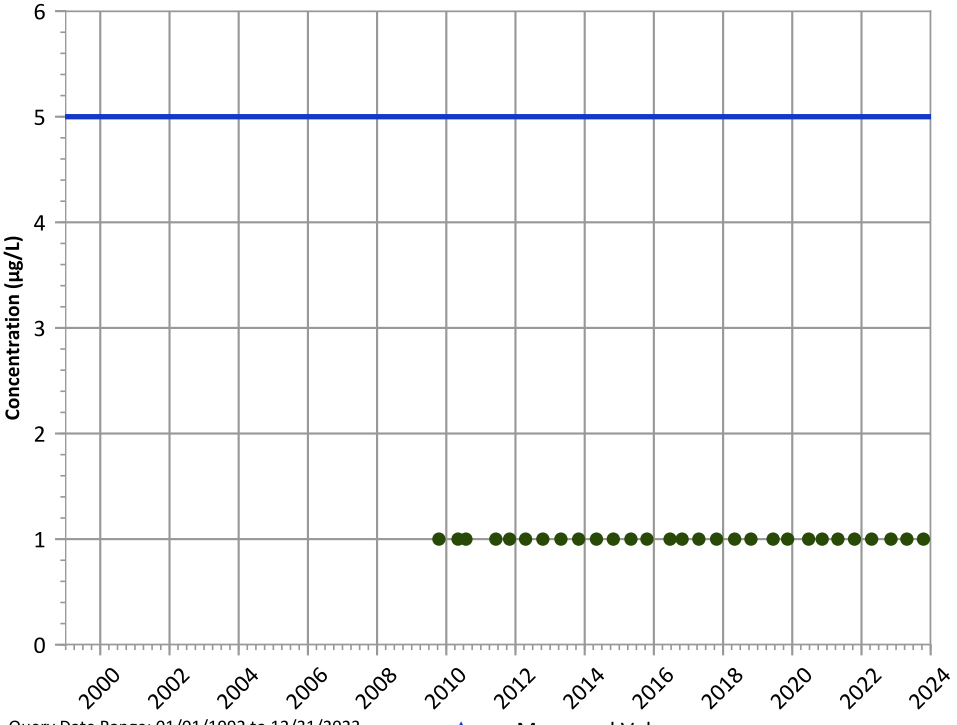


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend

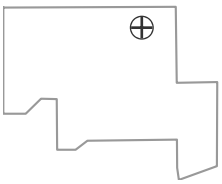


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

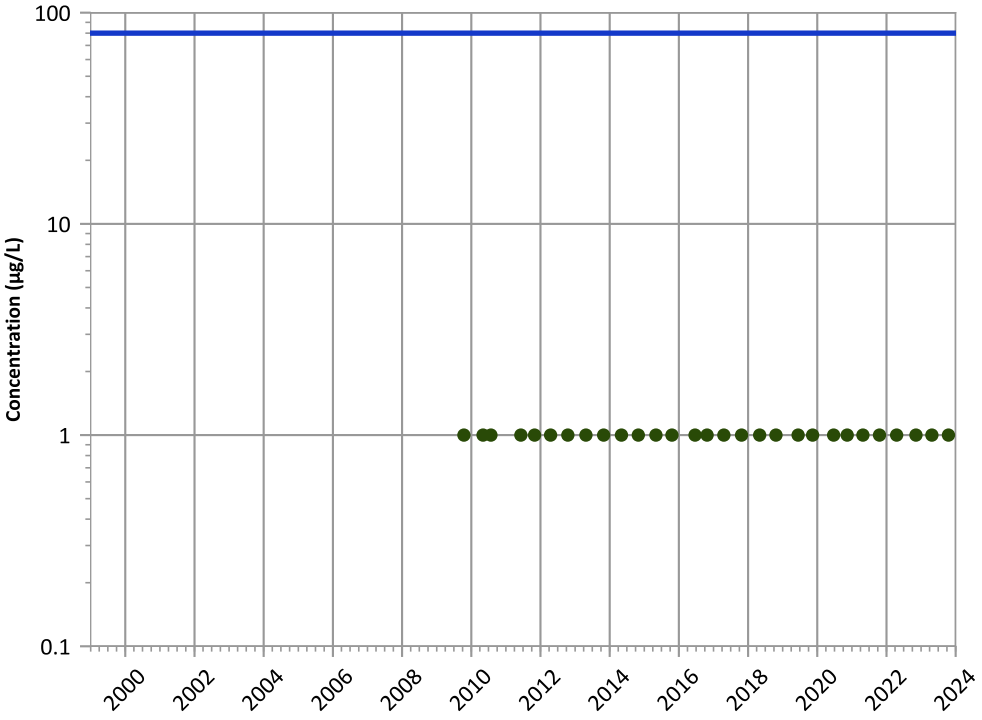


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

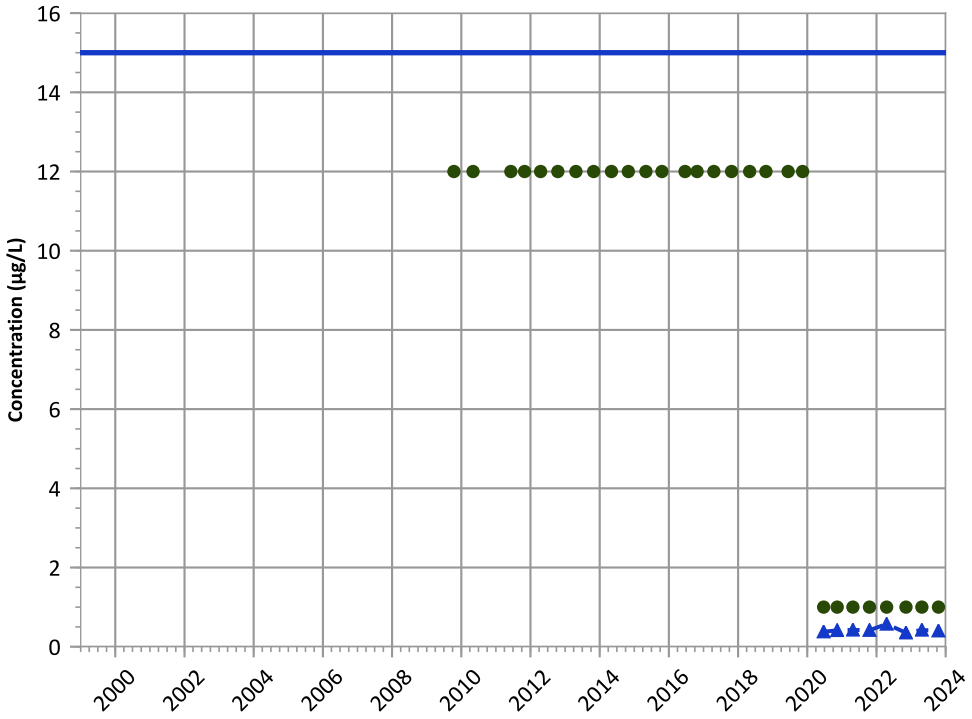
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



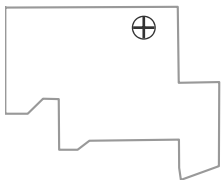
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

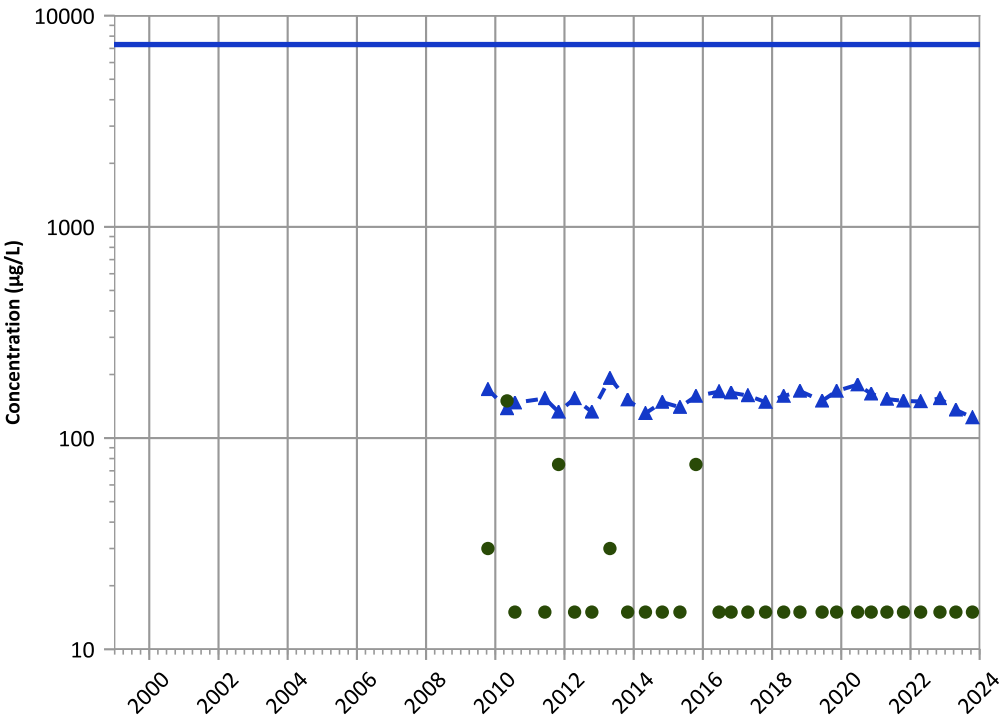
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

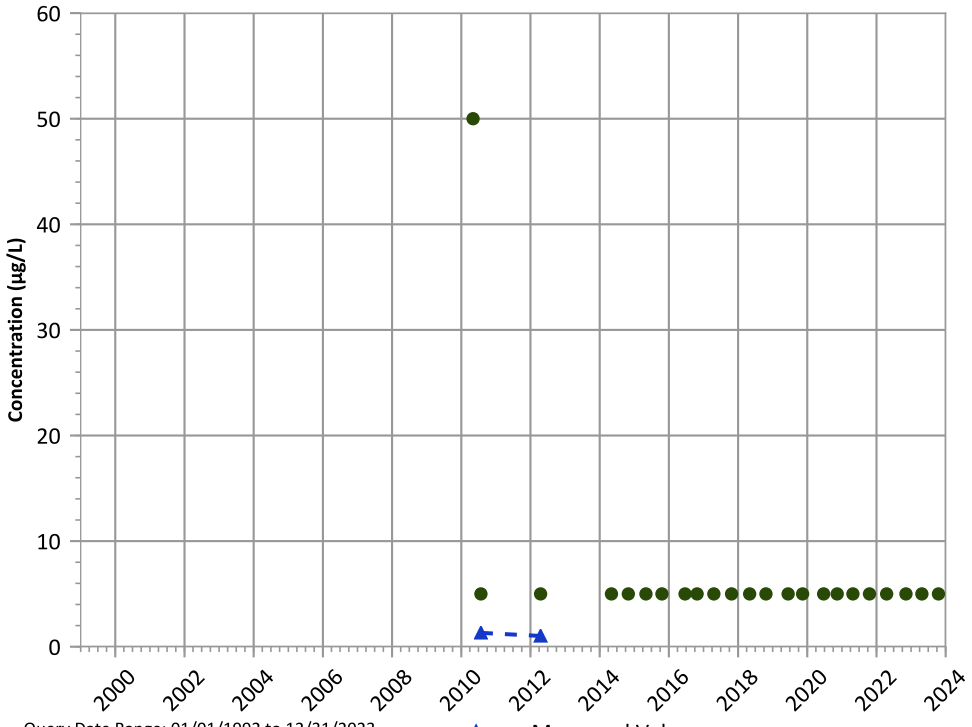


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend

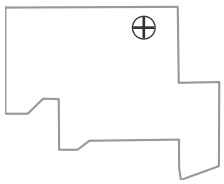


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Well Location

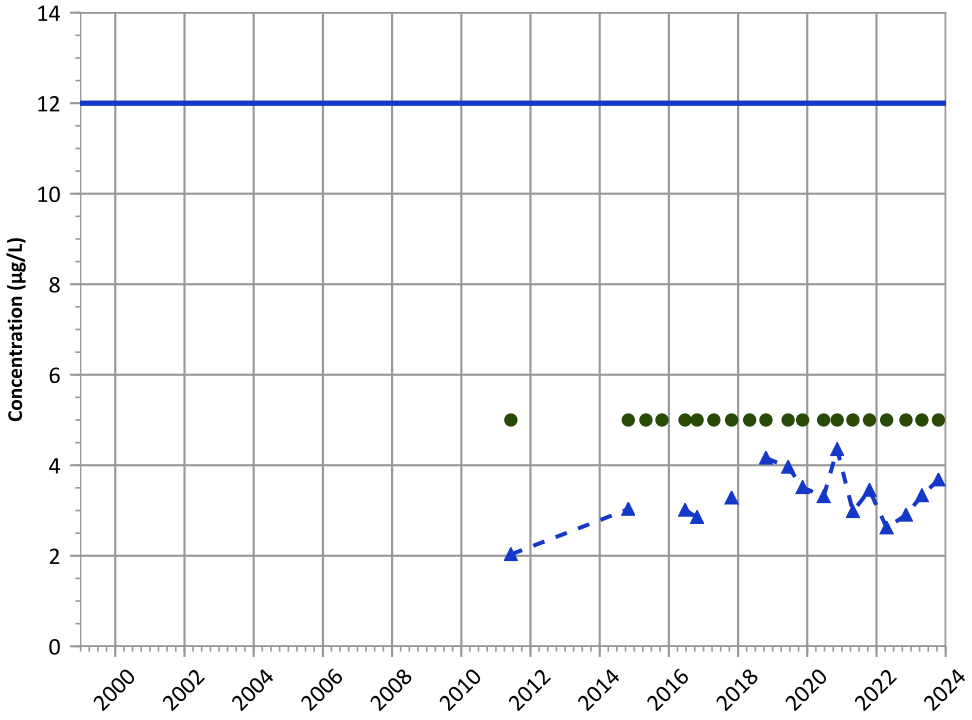


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

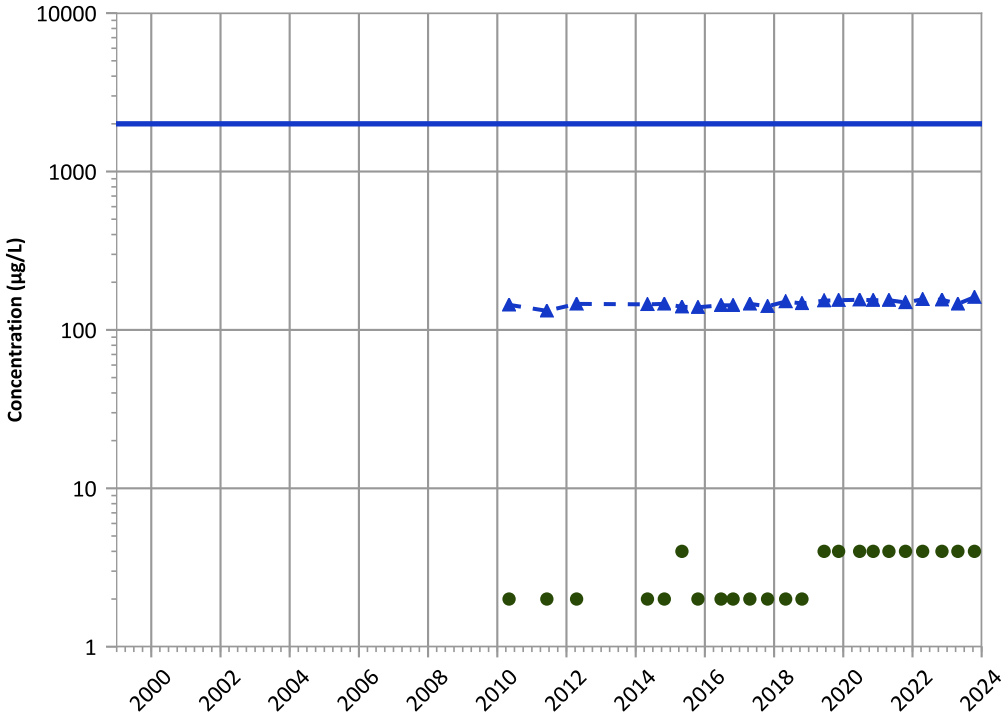


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

Barium Trend



Concentration Trend

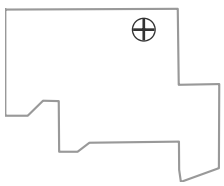
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

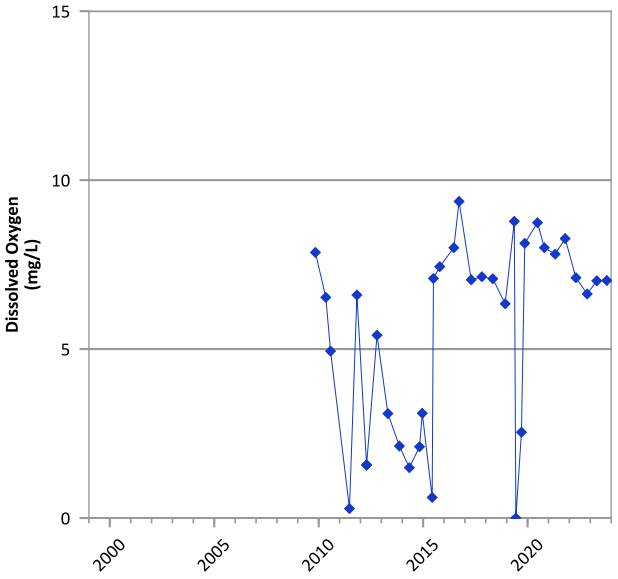
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 10/15/2009 to 10/17/2023
Analysis Date: 03/29/2024

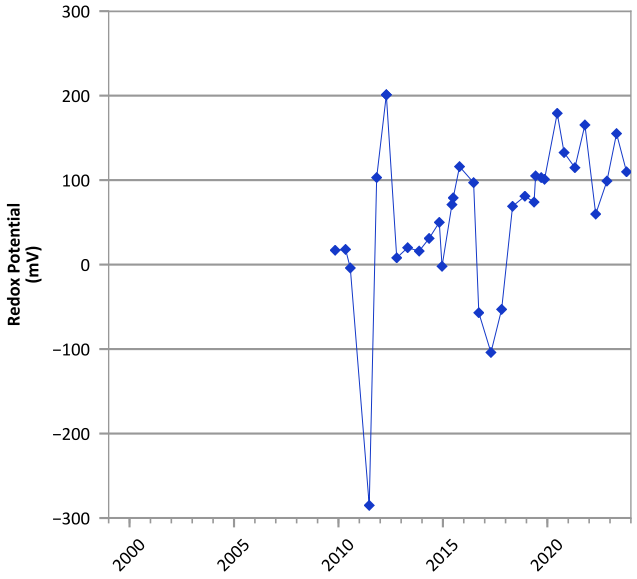
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

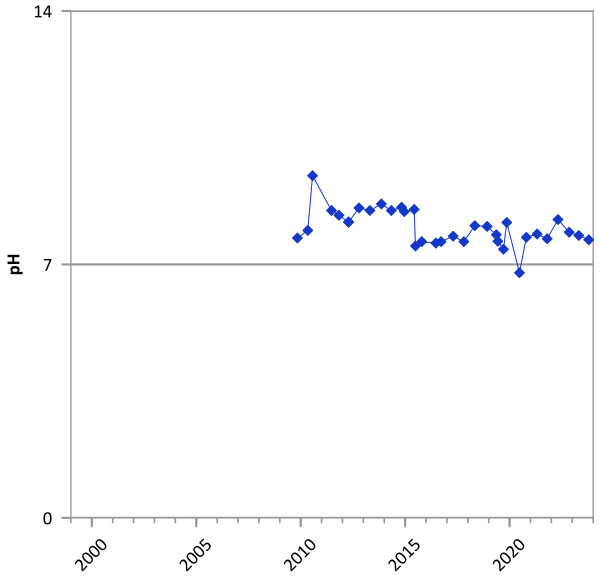
Well Location

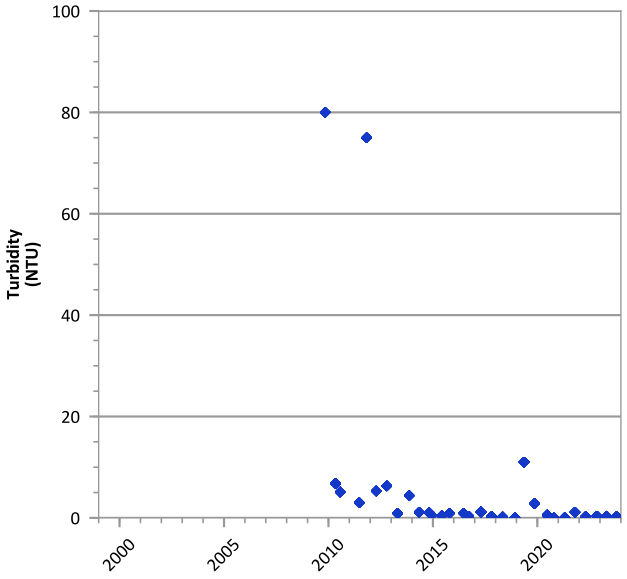


PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

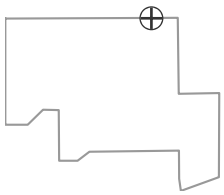






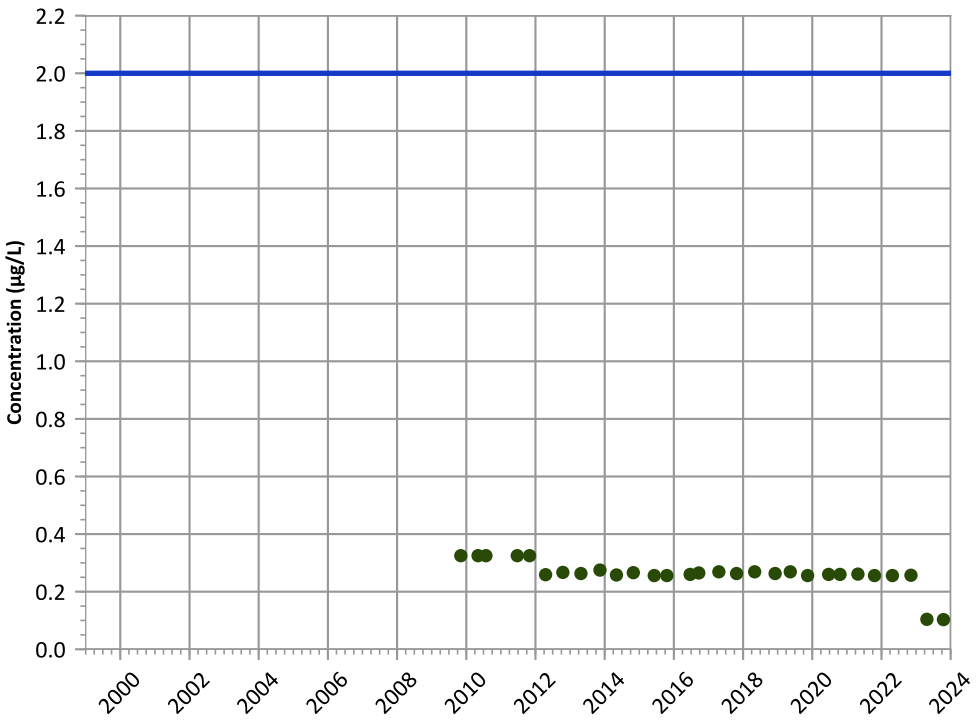


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

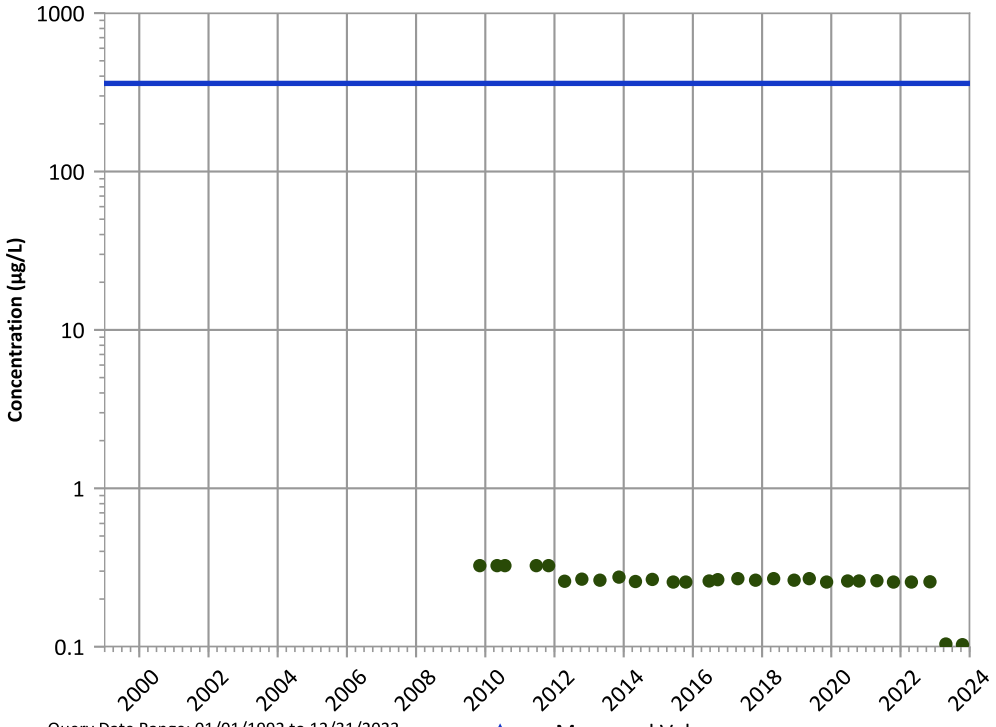


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

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

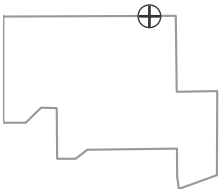


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

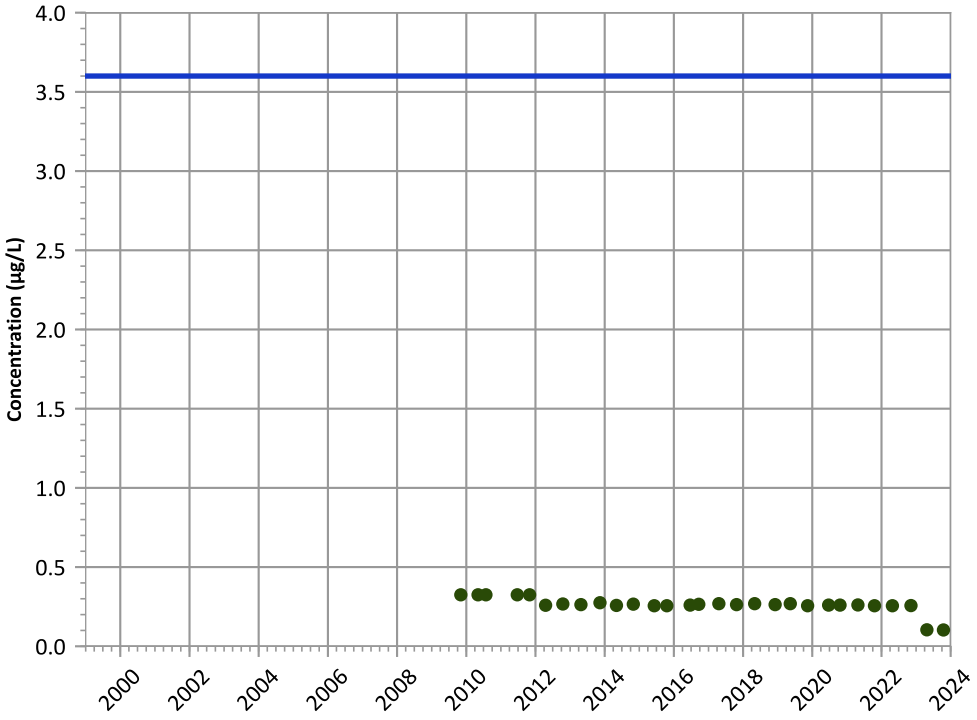


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

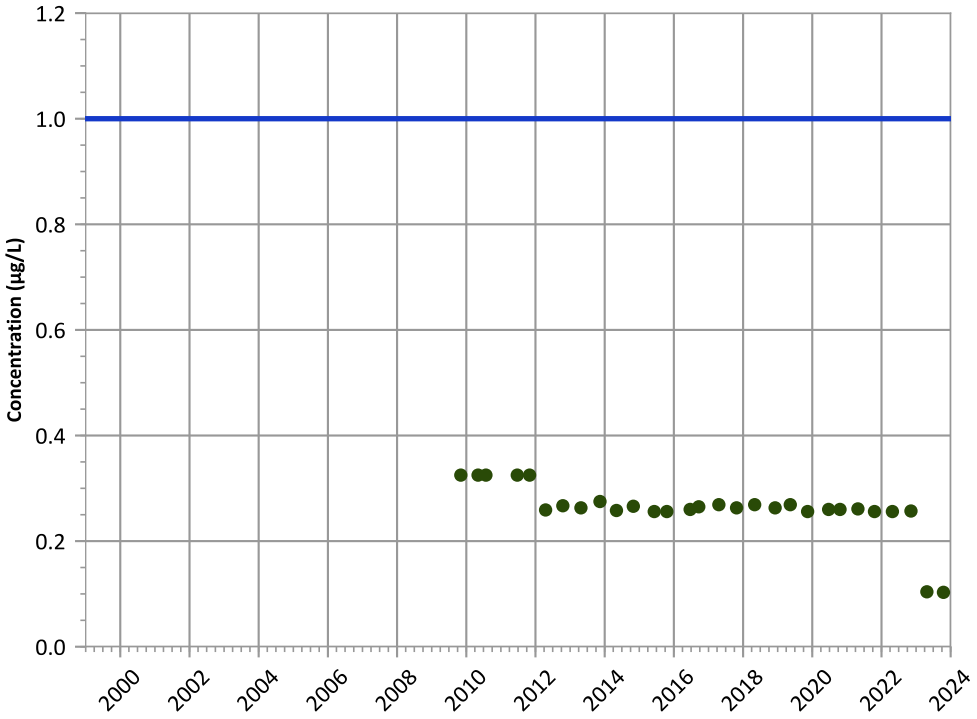
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



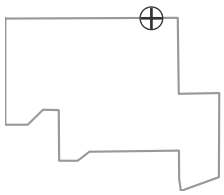
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

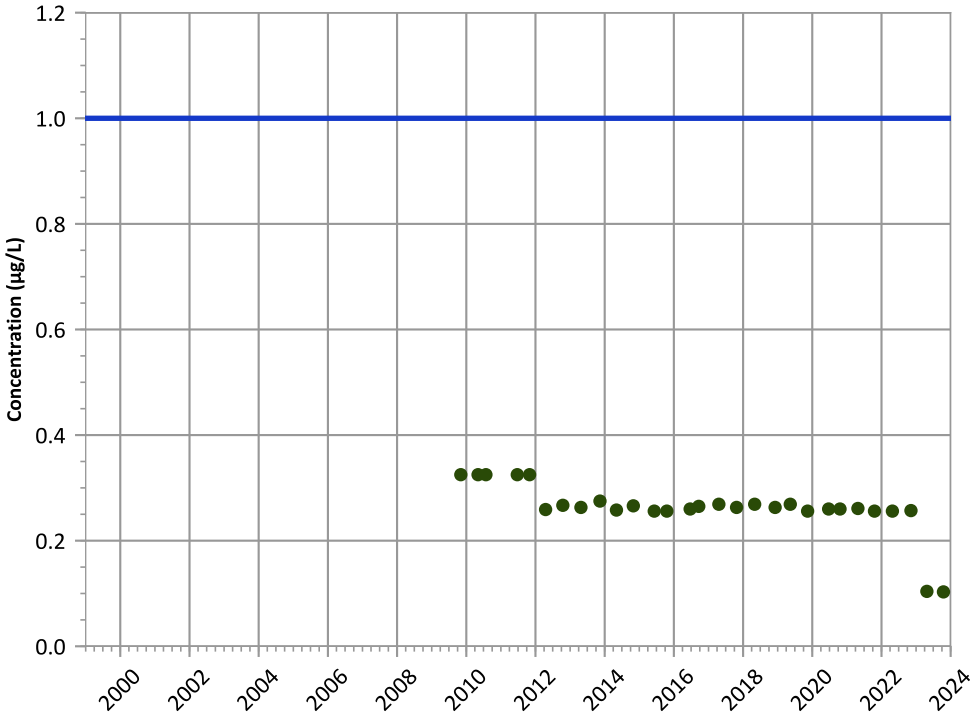
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

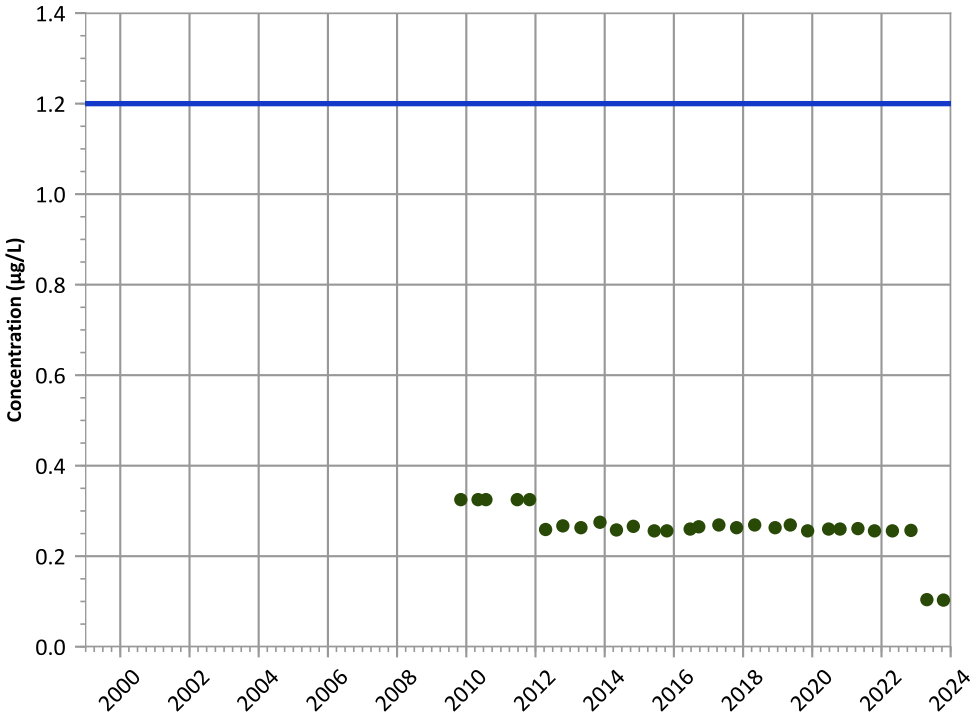


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

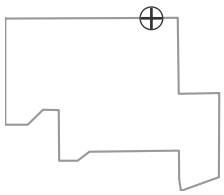
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

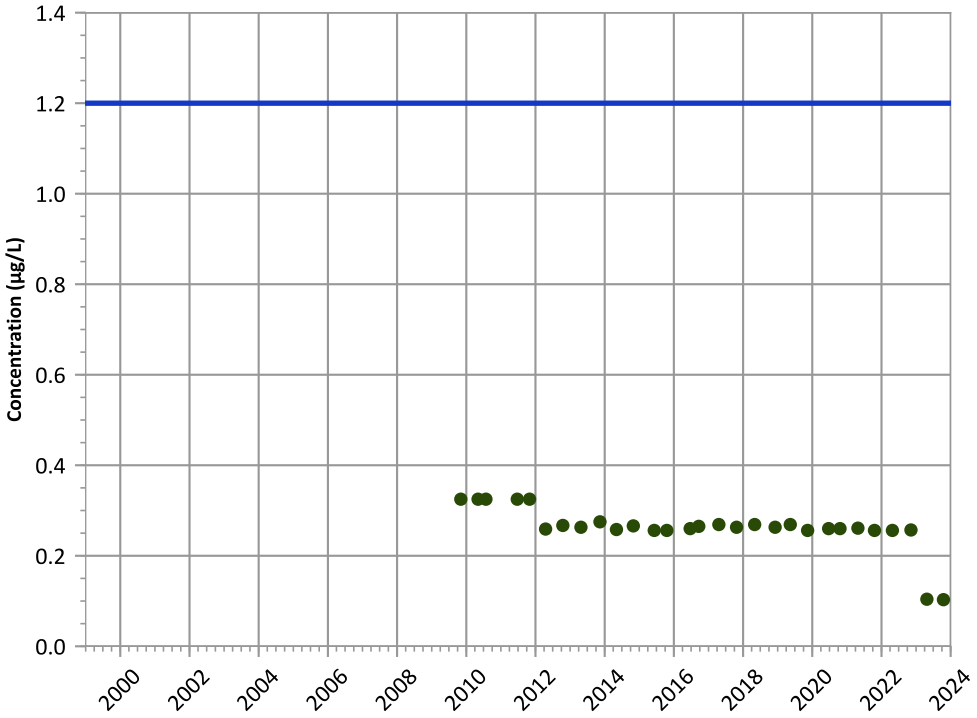
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

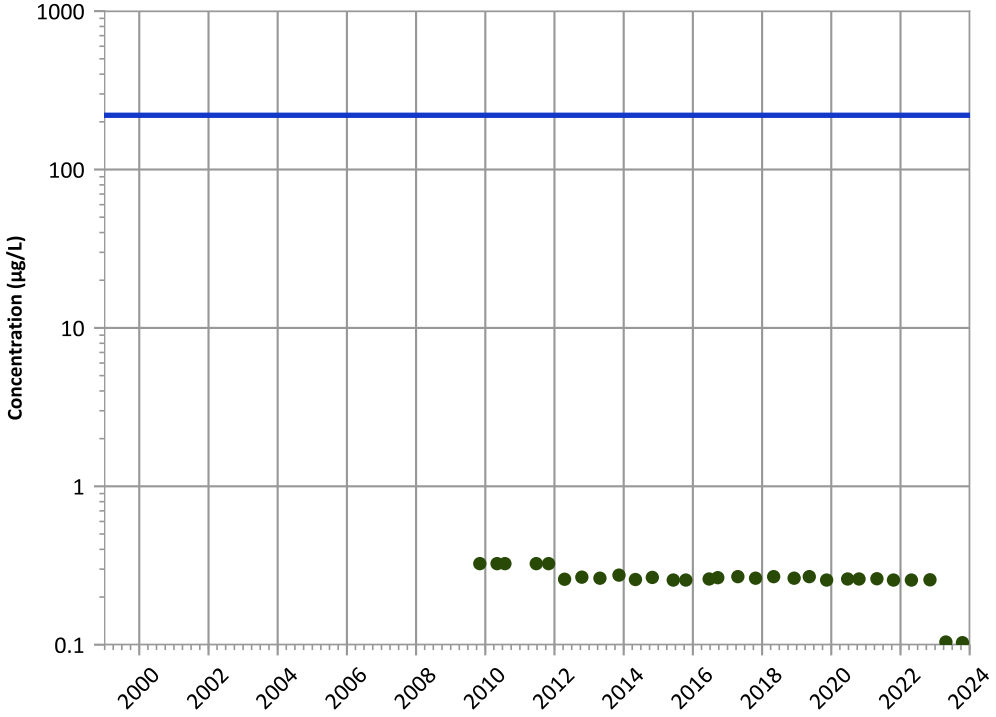


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

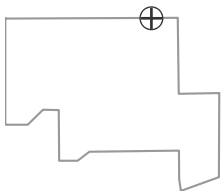
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

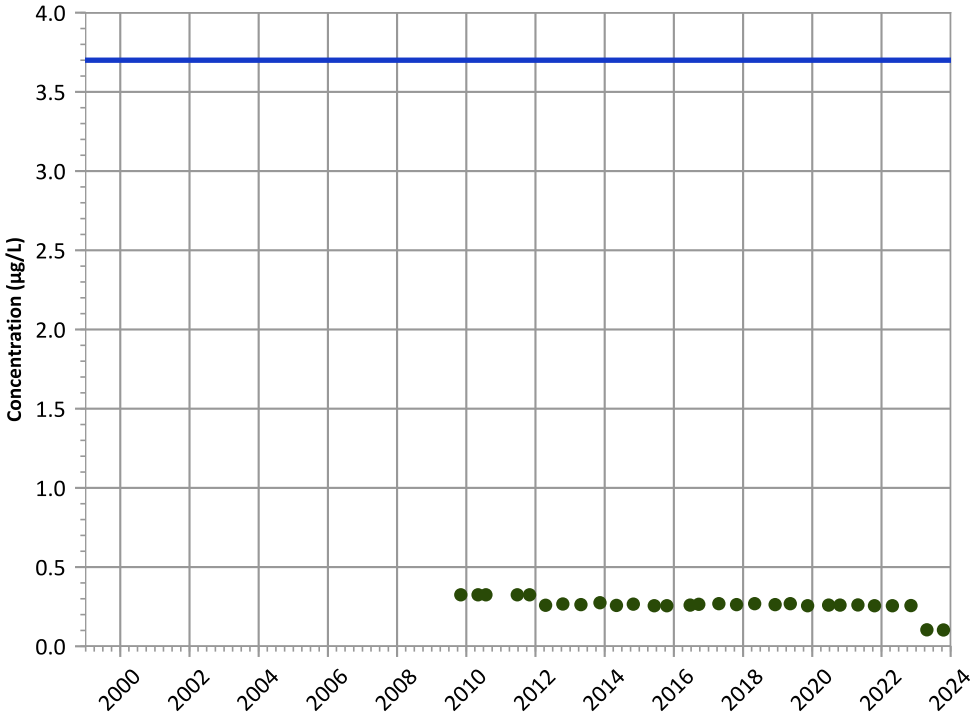
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

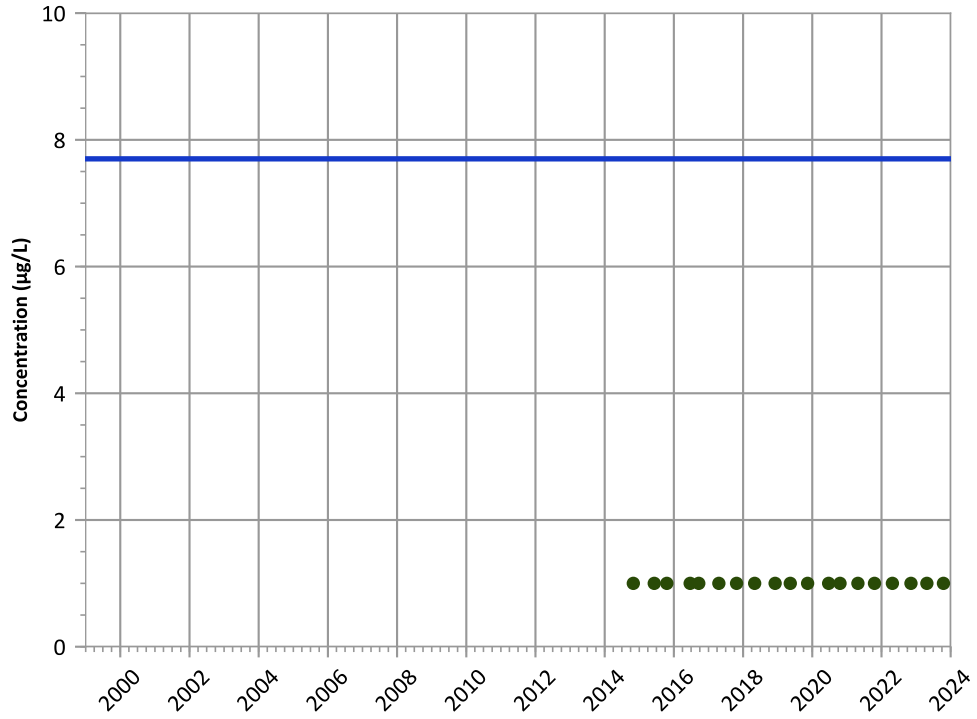
1,3-Dinitrobenzene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

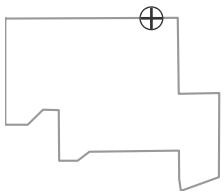
1,4-Dioxane (p-Dioxane) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

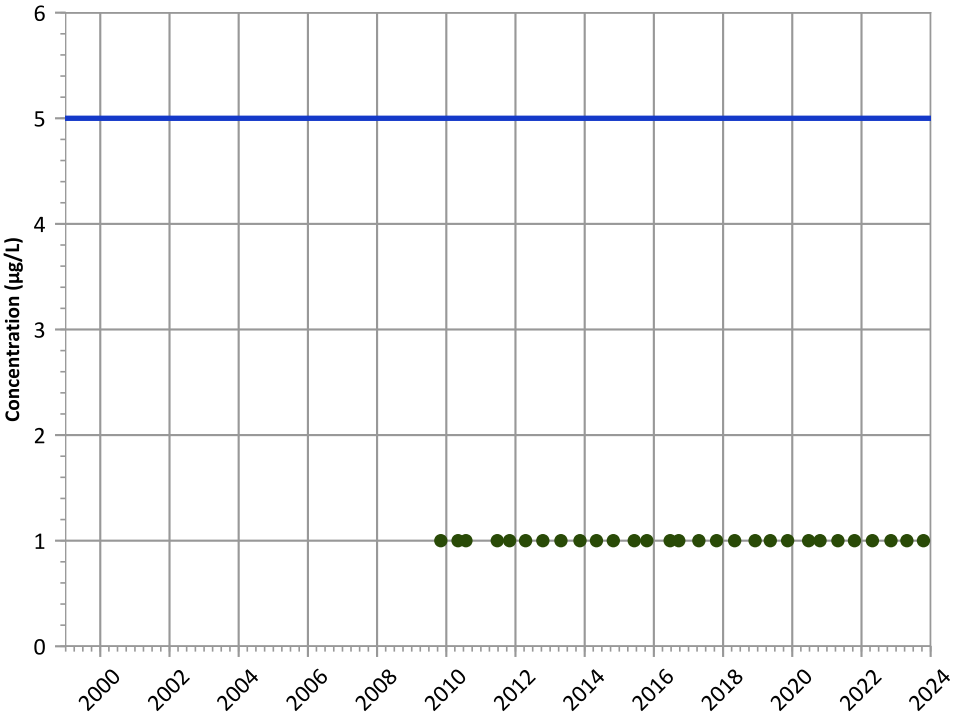


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

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

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

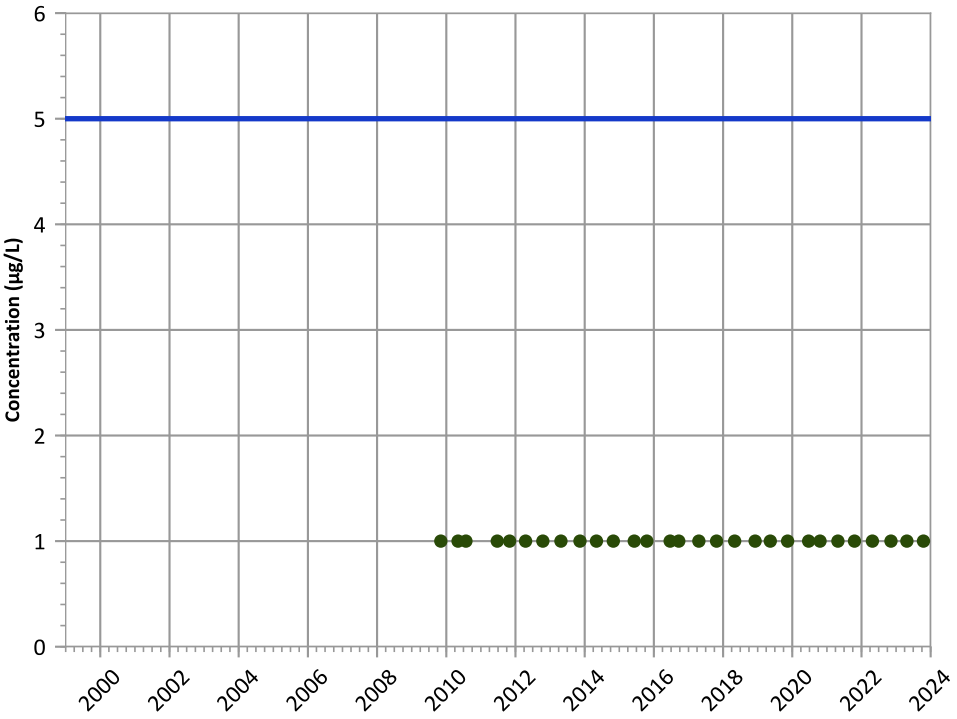
Tetrachloroethylene (PCE) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend



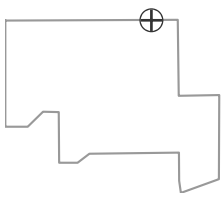
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

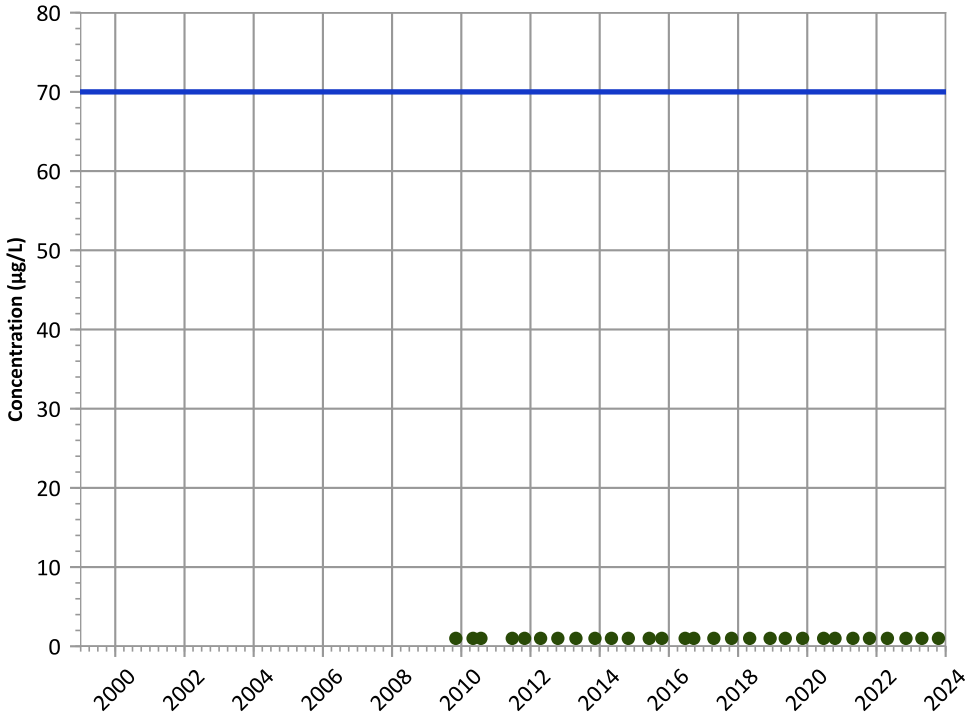
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

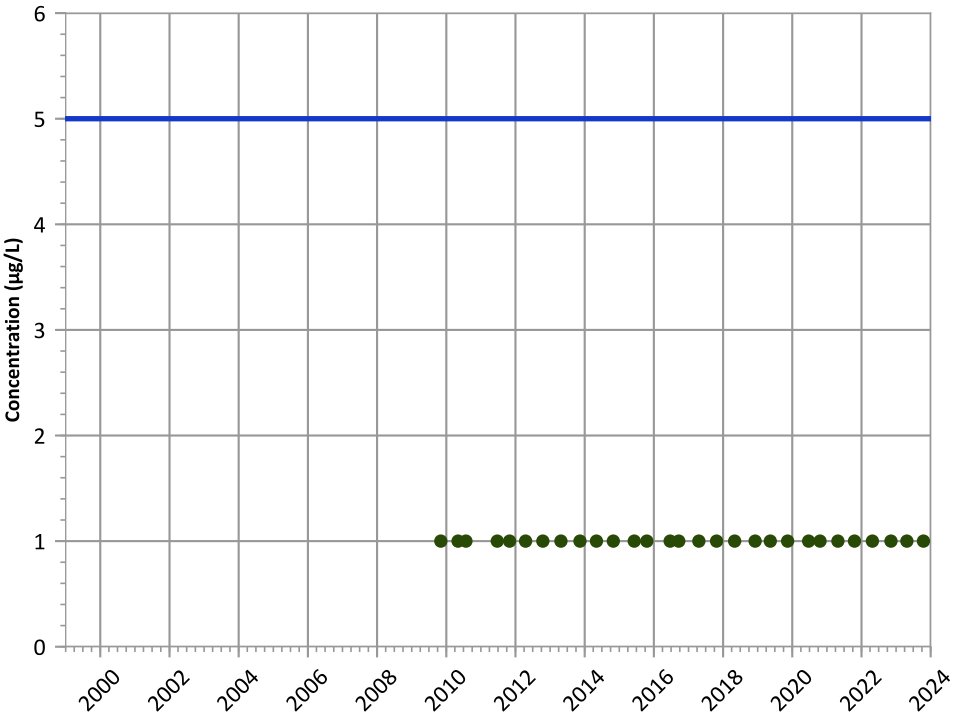


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

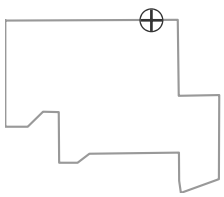
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

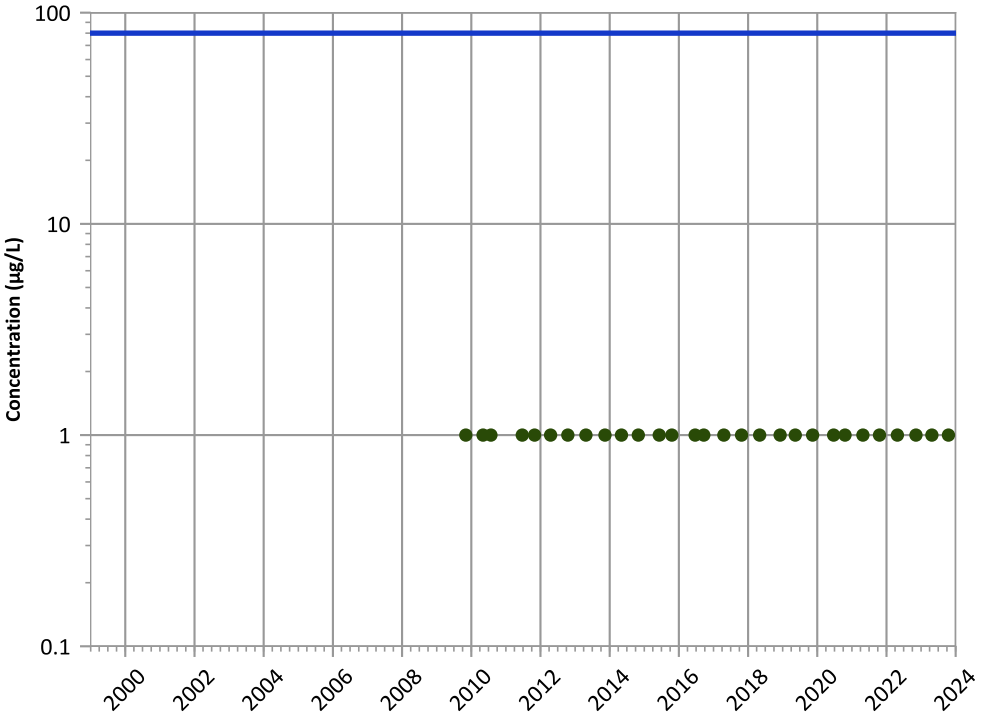
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

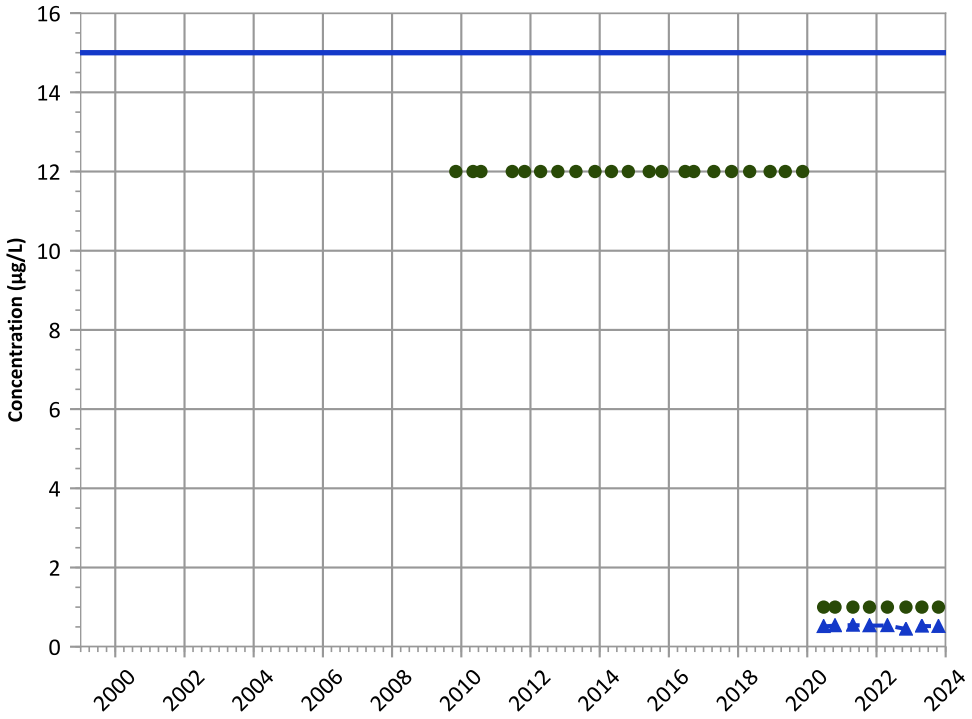


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



Concentration Trend

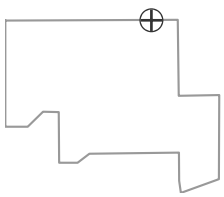
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Stable

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

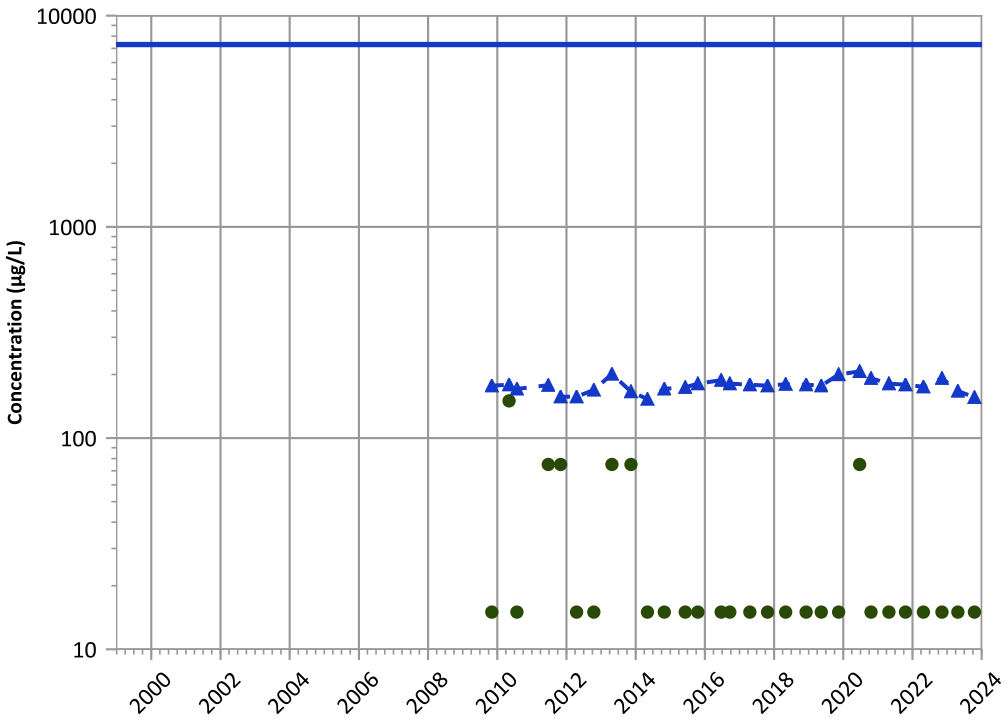
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

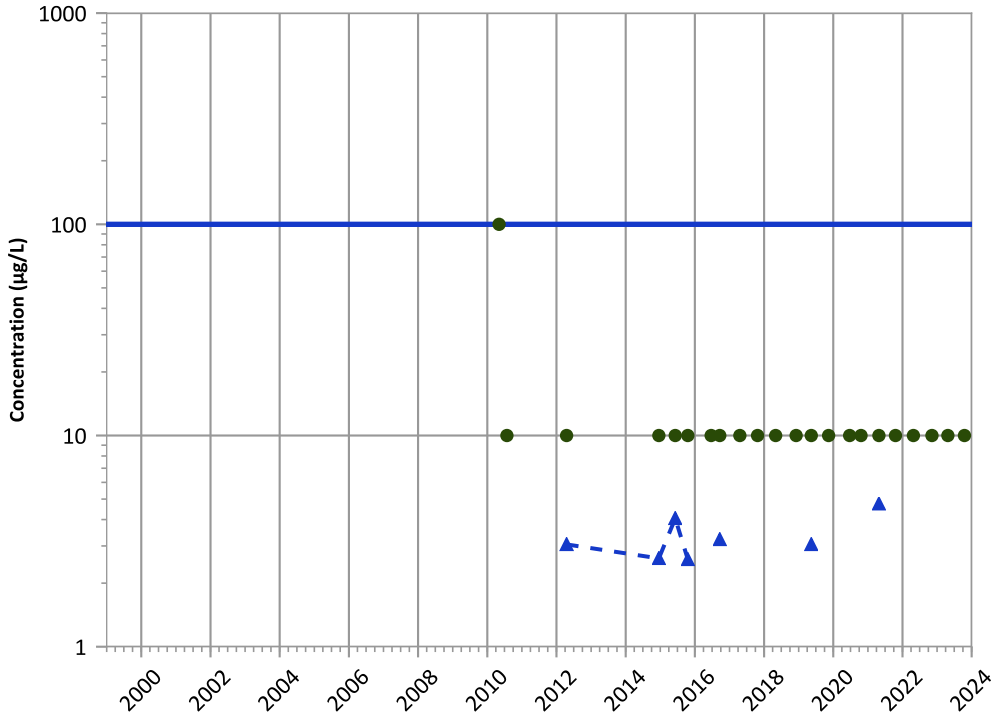


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Probably Increasing

Chromium, Total Trend



Concentration Trend

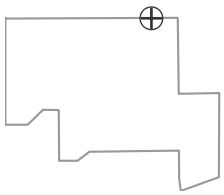
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

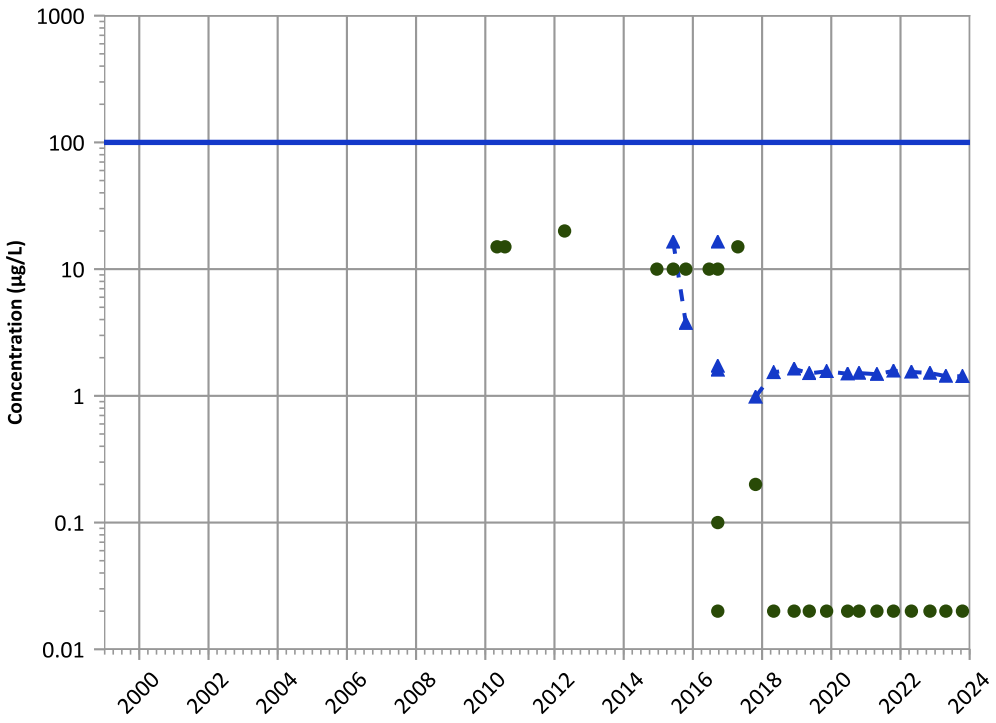
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

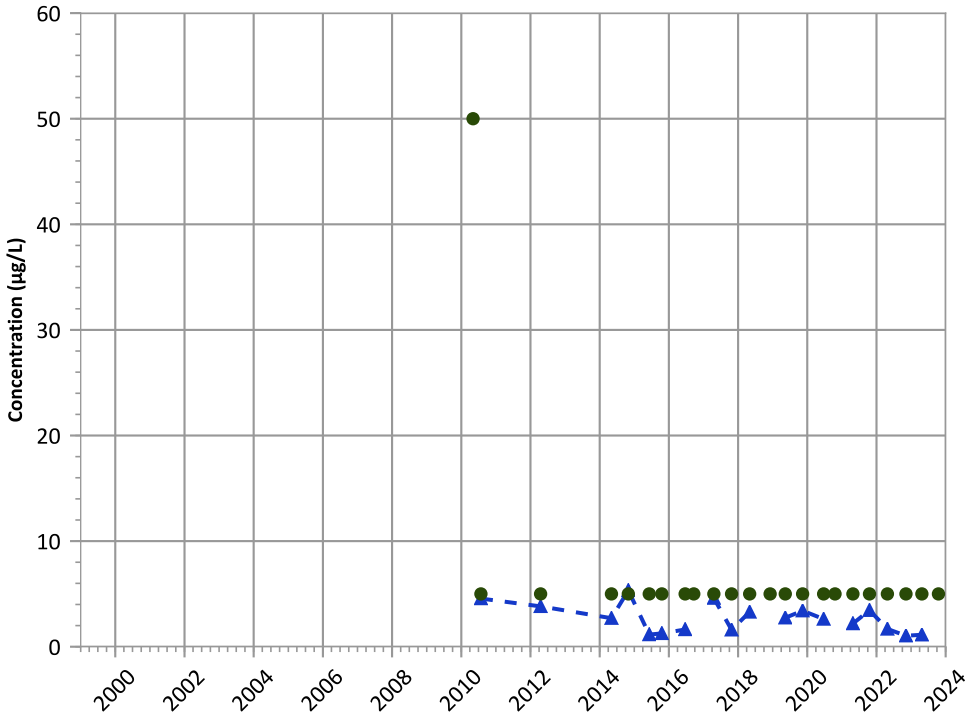


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

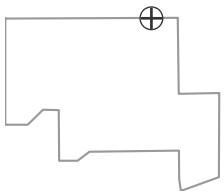
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

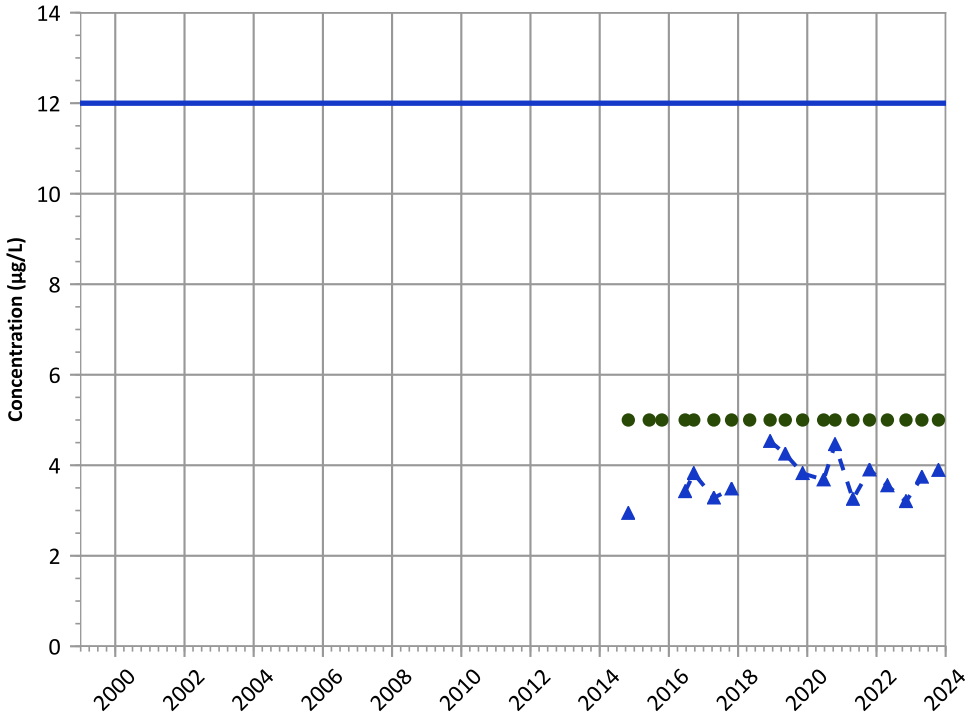
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

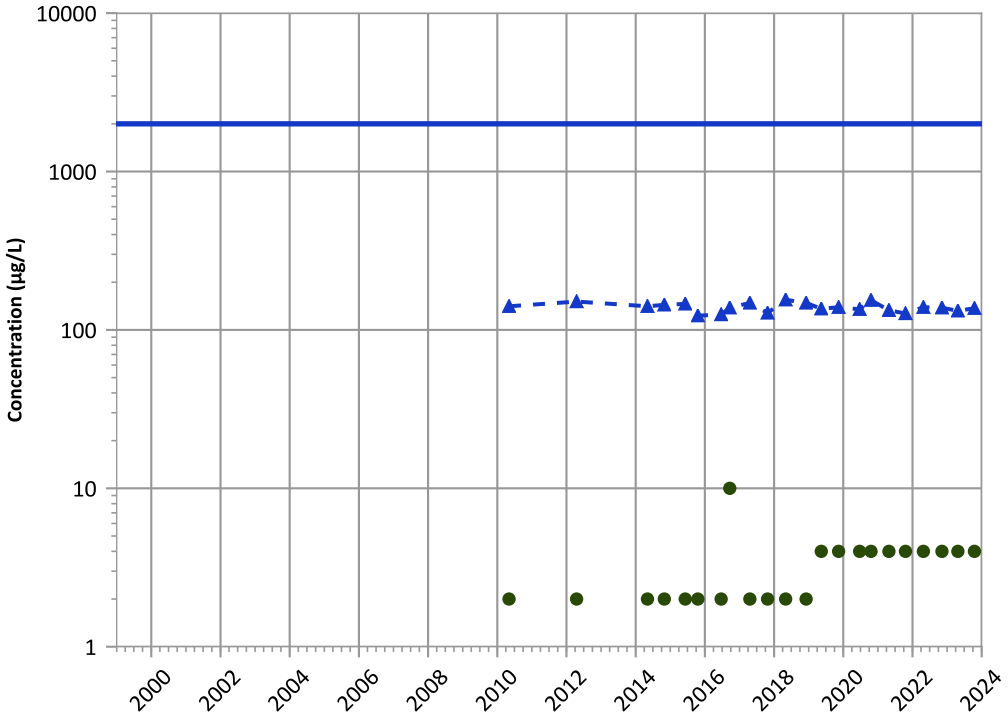


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Barium Trend



Concentration Trend

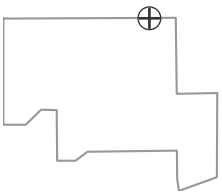
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Stable

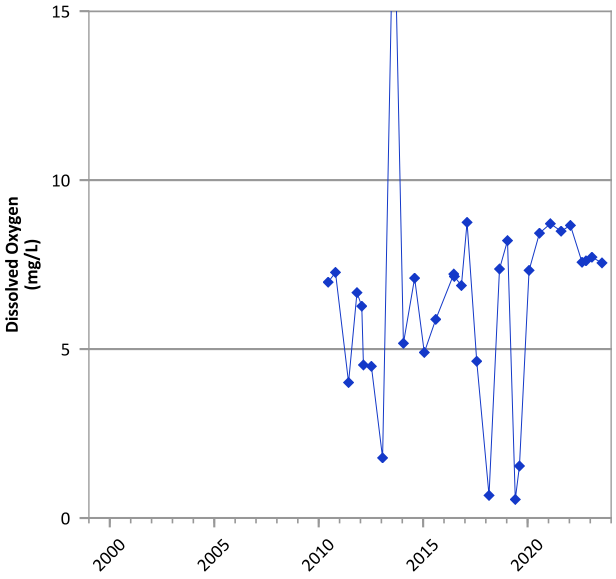
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 11/04/2009 to 10/17/2023
Analysis Date: 03/29/2024

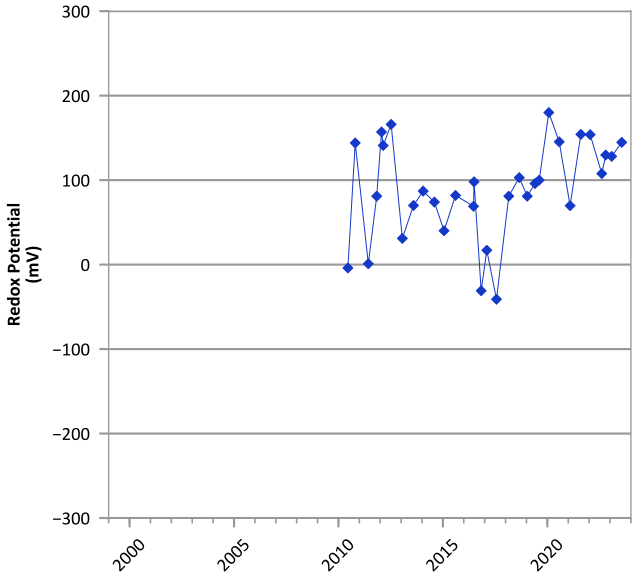
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

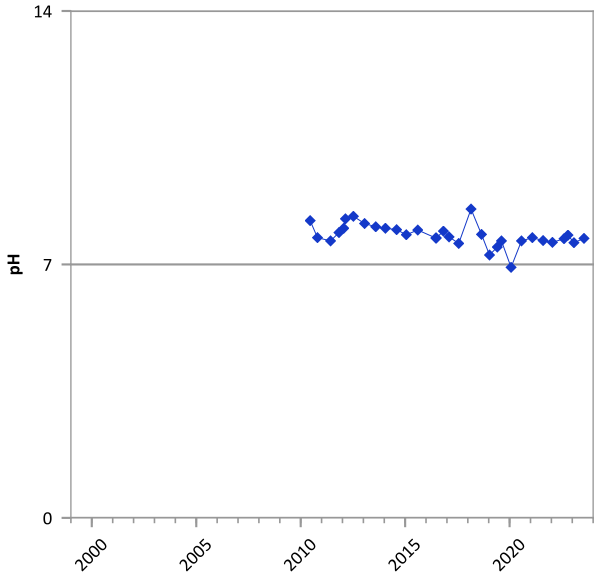
Well Location

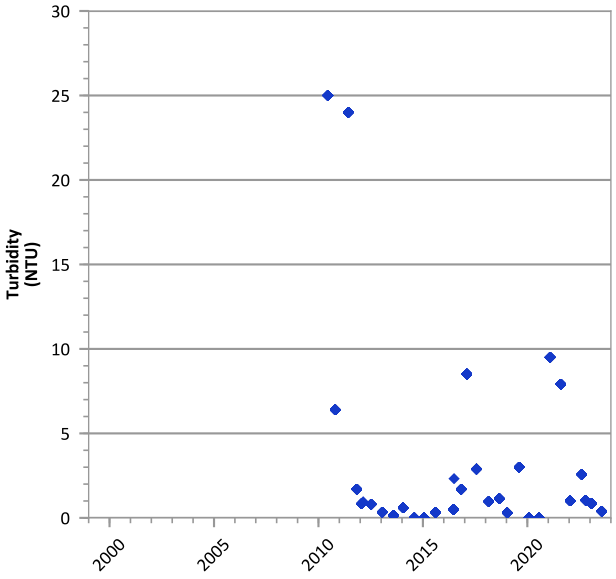


PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

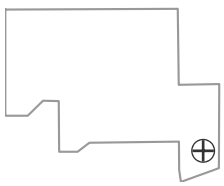






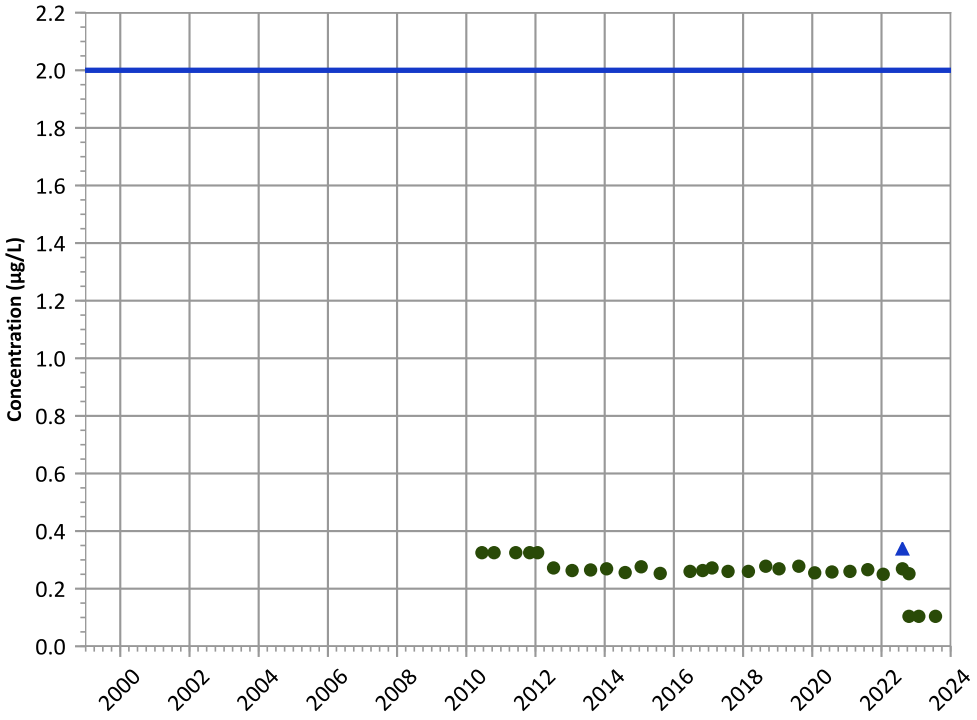


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

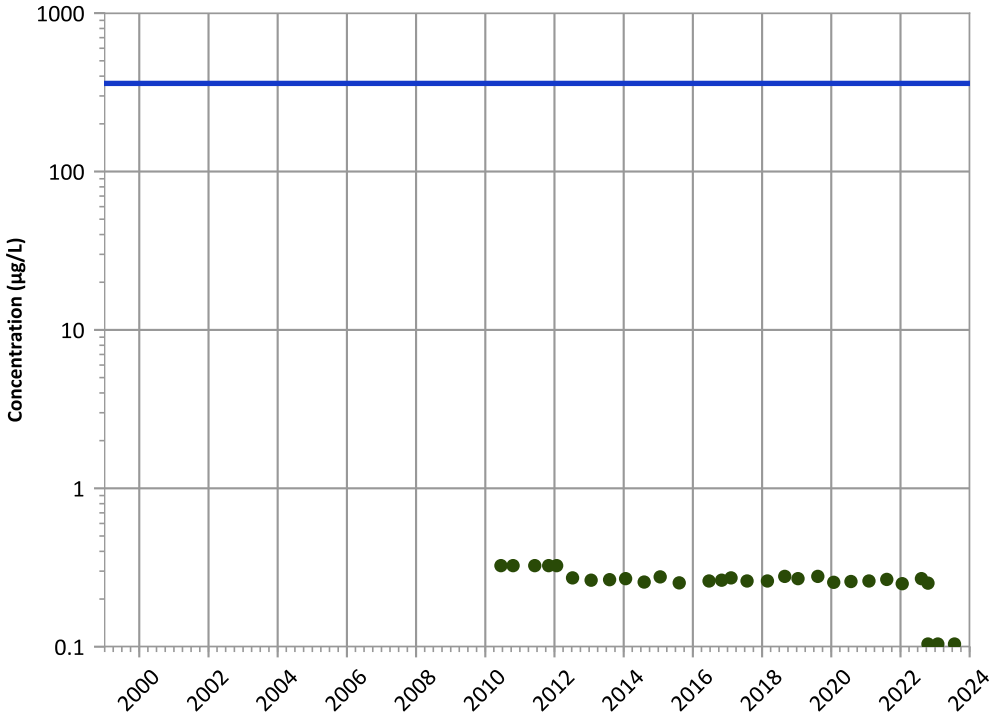


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

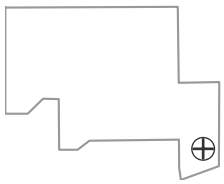


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

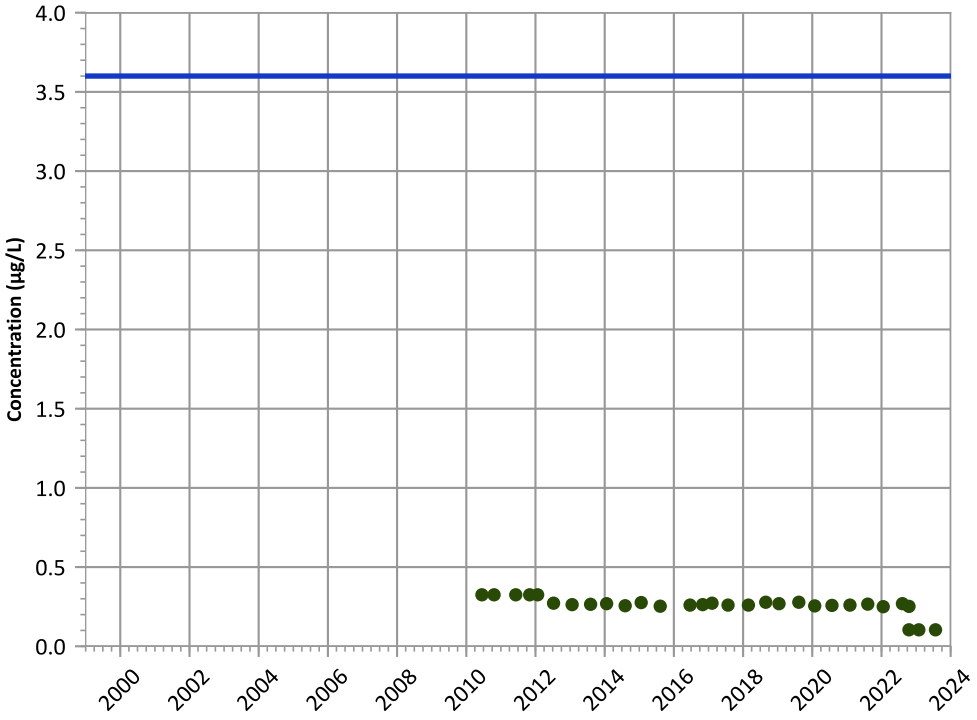


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

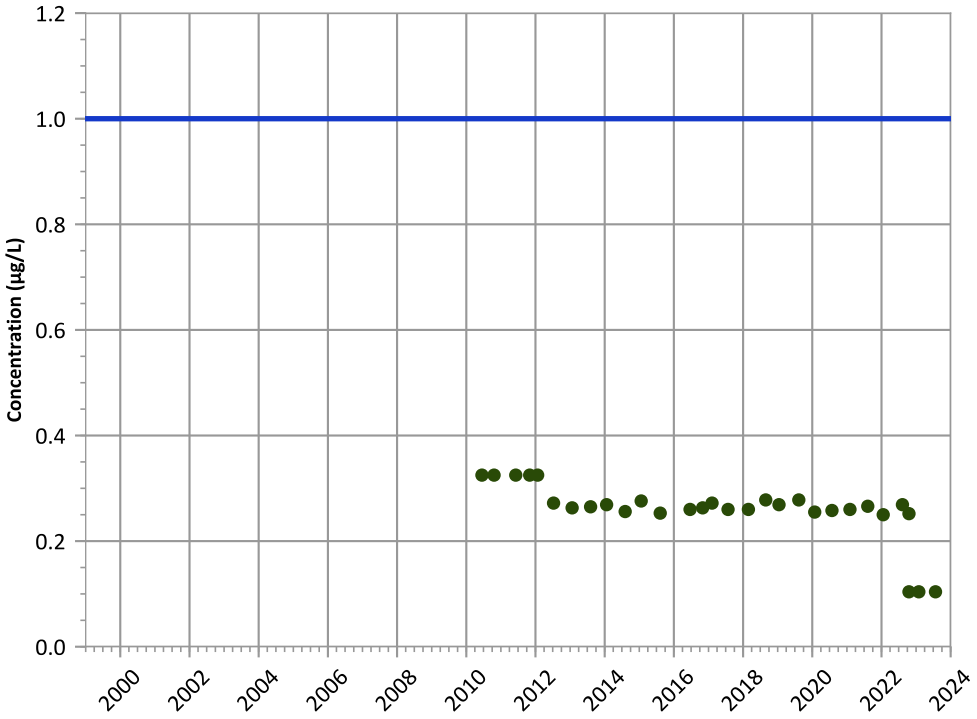
TNT (2,4,6-Trinitrotoluene) Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2,4-Dinitrotoluene Trend



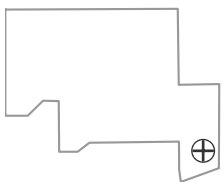
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

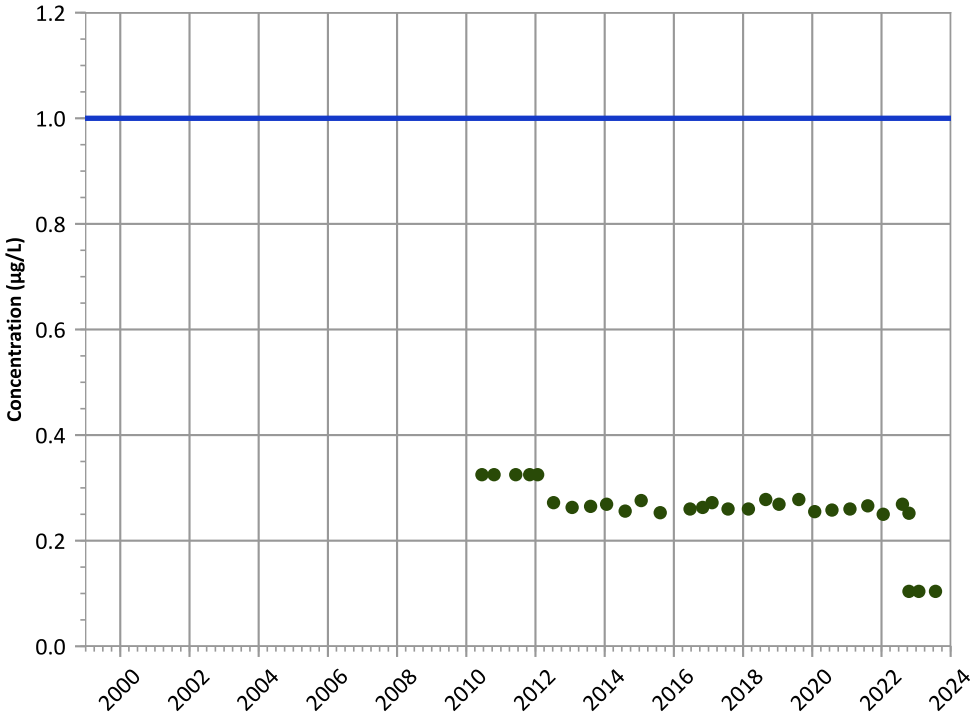
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

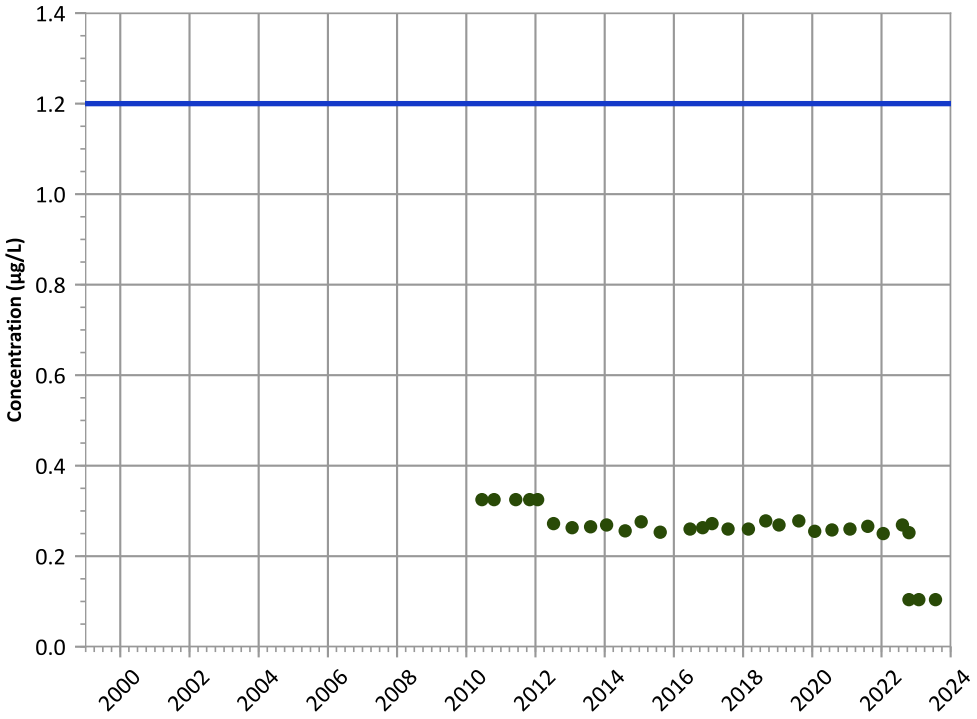


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

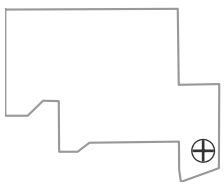
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

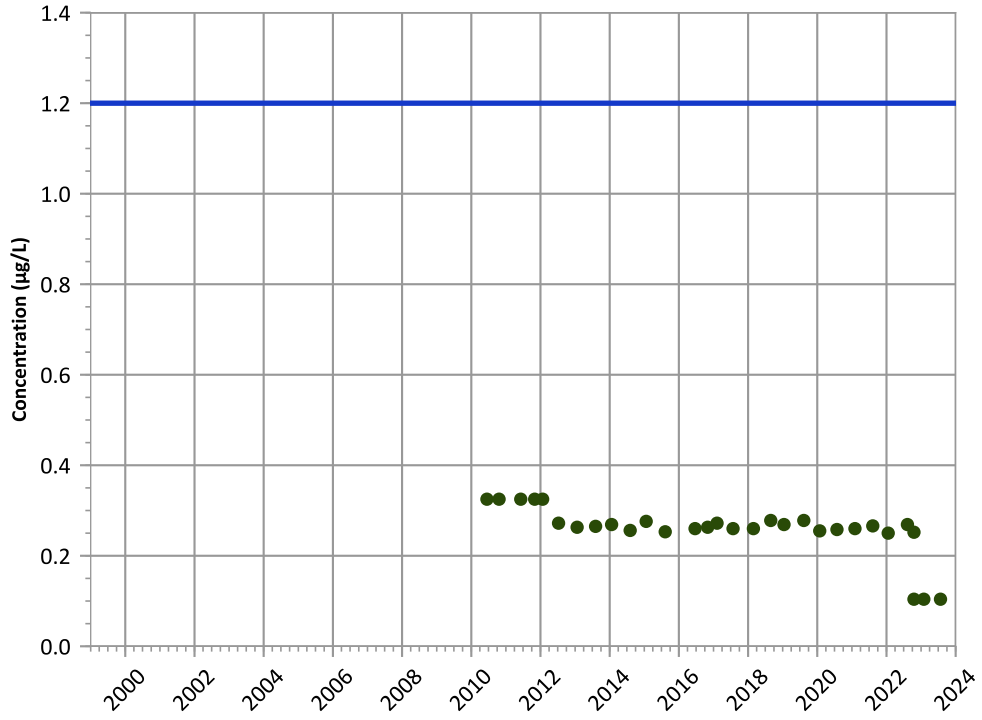
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

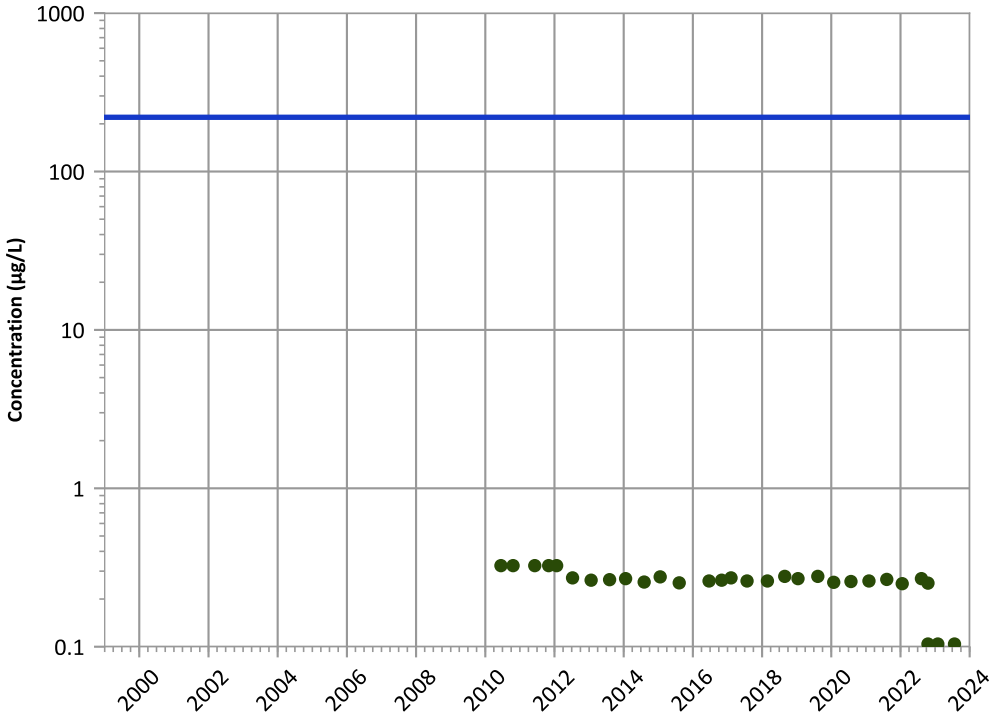


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend

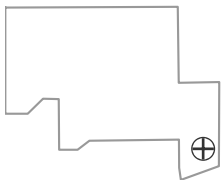


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

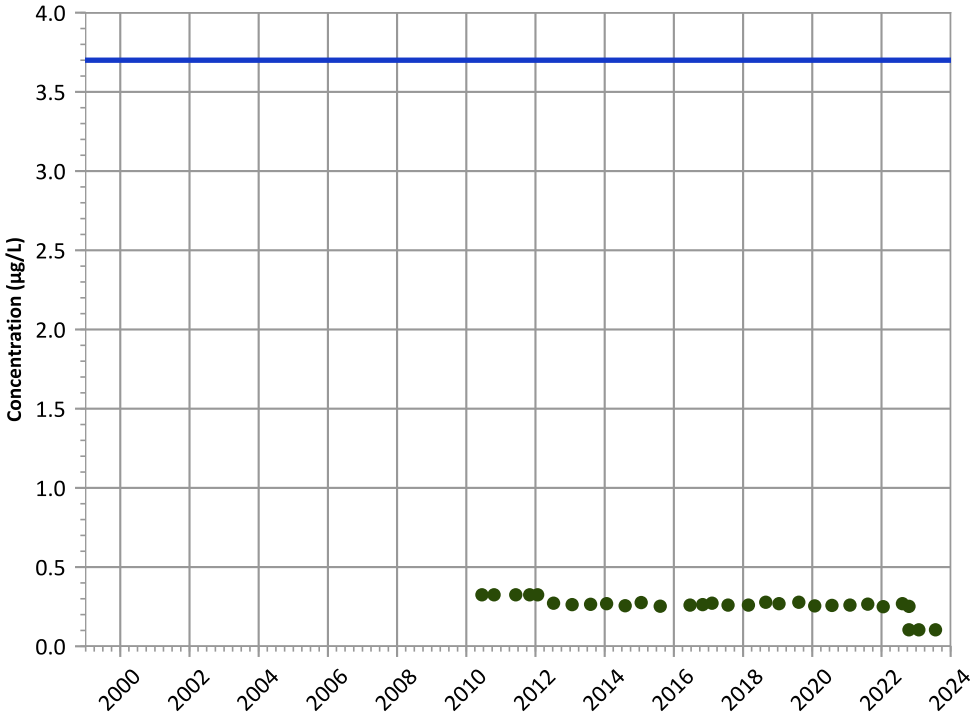


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

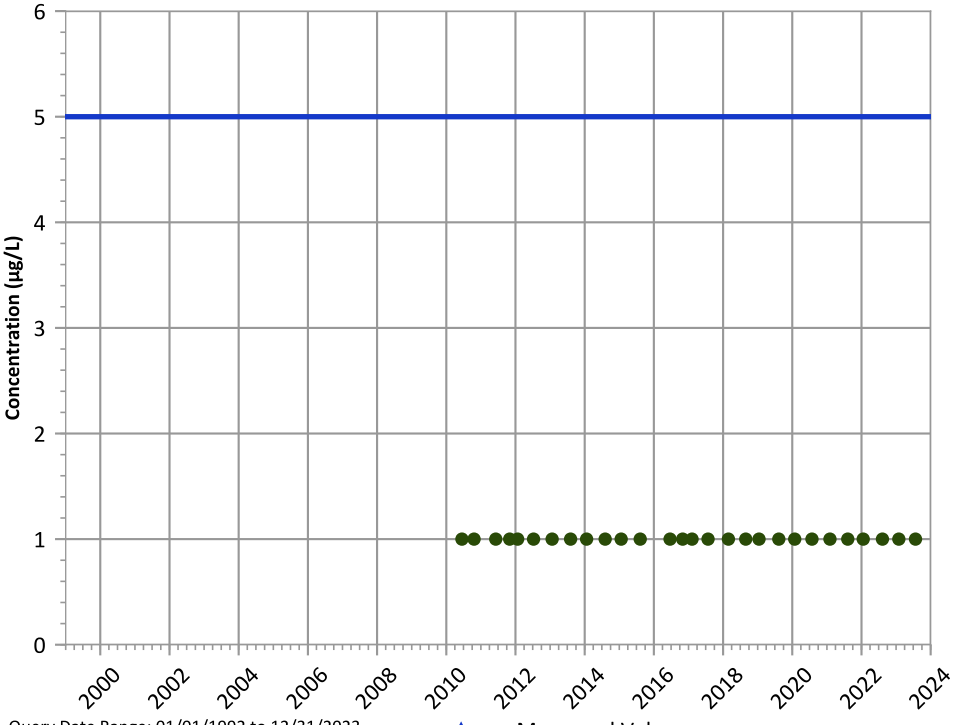


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

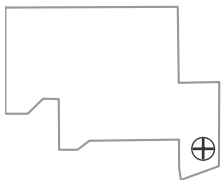
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

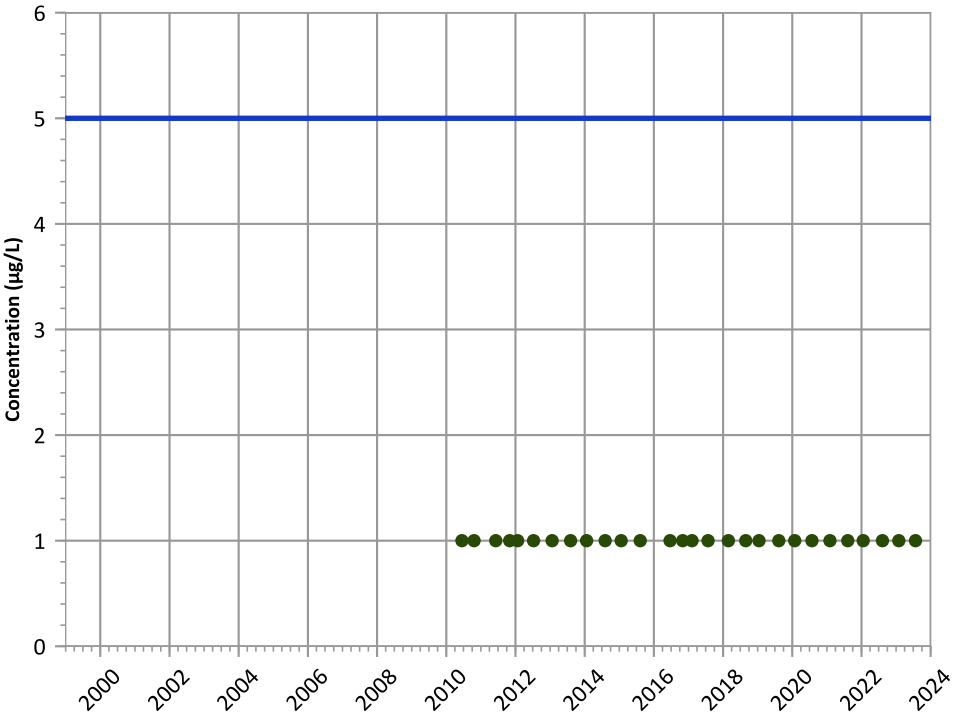
▲ Measured Value
● Sample Detection Limit
– – – Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

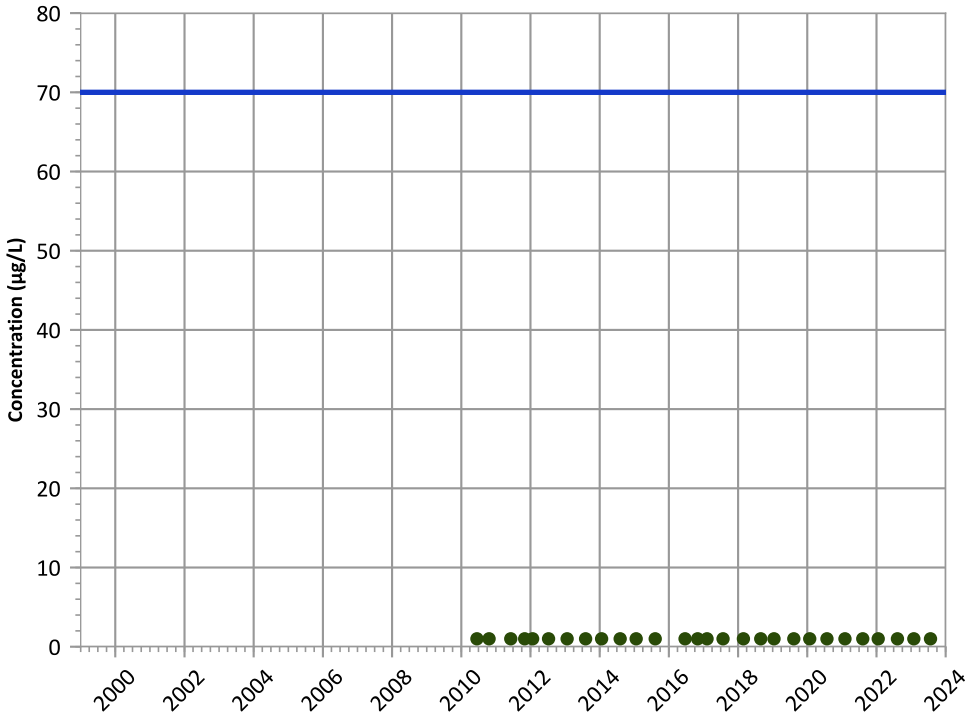
Trichloroethene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

cis-1,2-Dichloroethene Trend



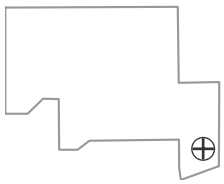
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

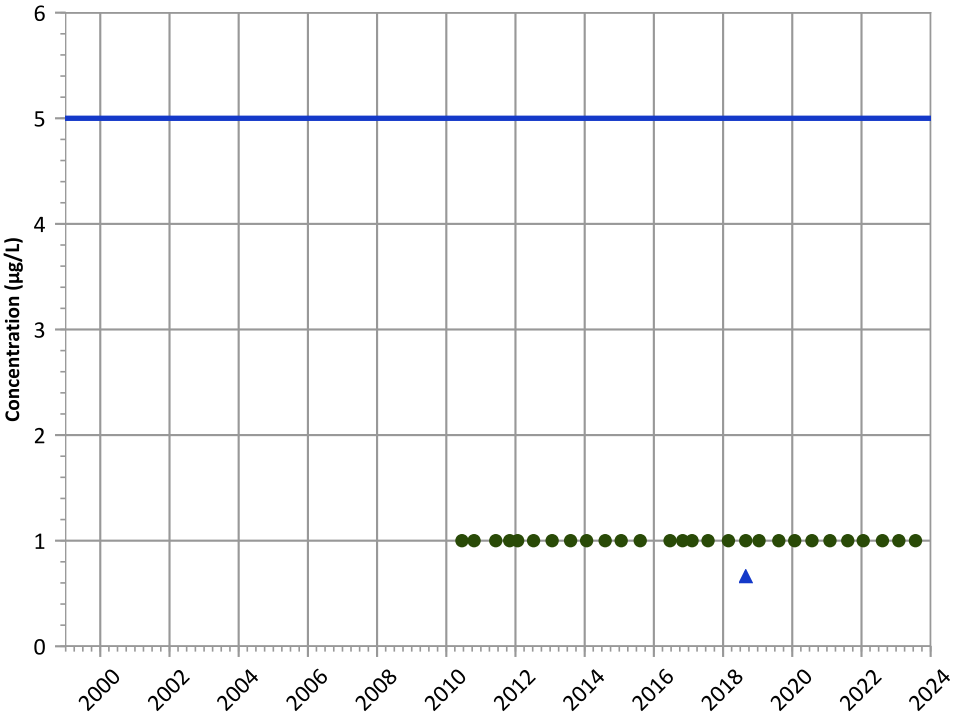
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

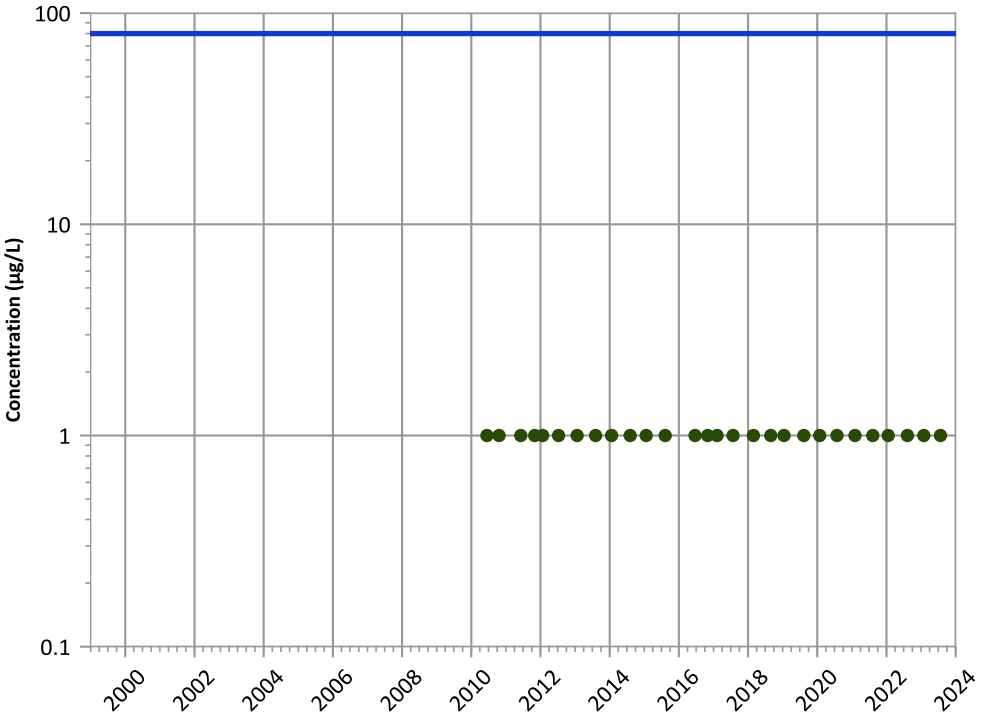
1,2-Dichloroethane Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chloroform Trend



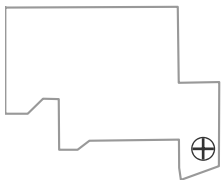
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

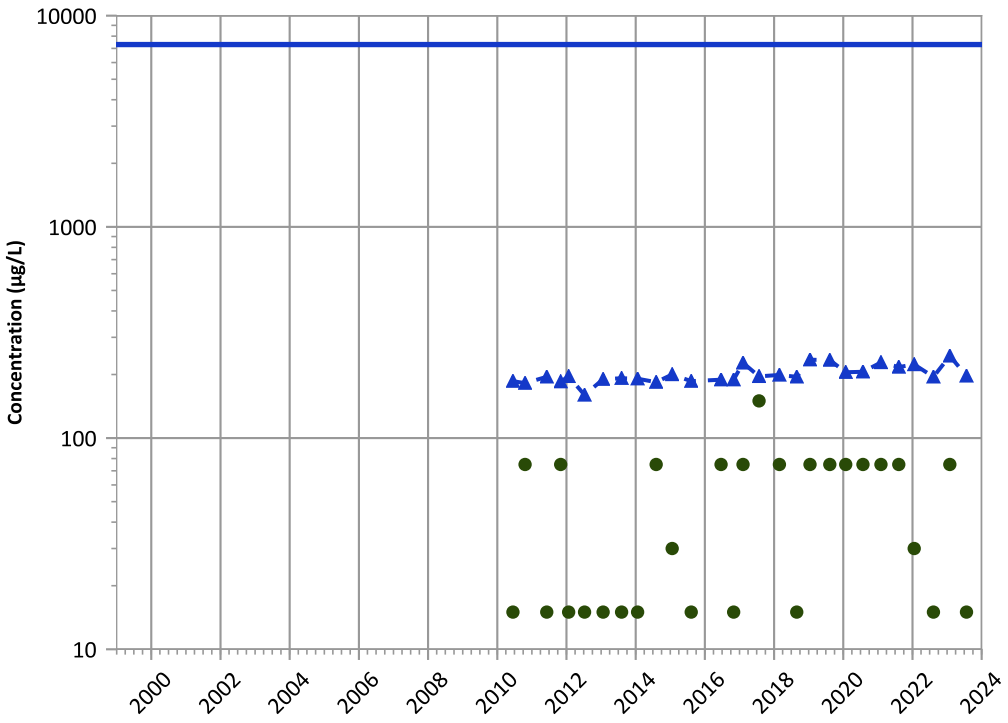
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

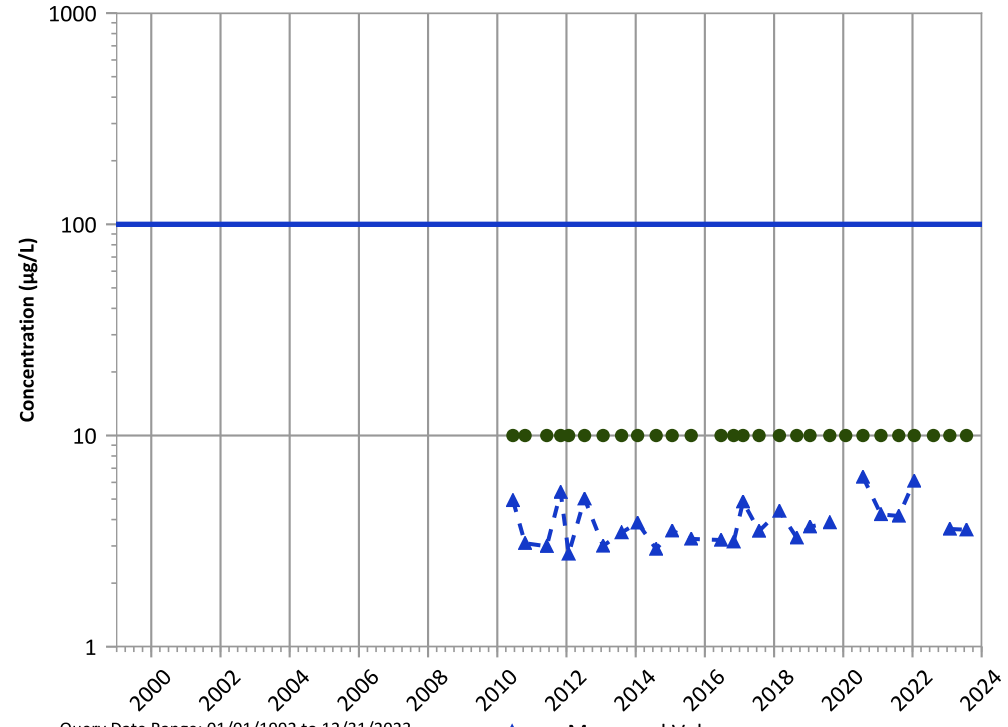


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Chromium, Total Trend



Concentration Trend

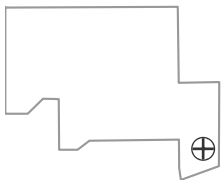
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

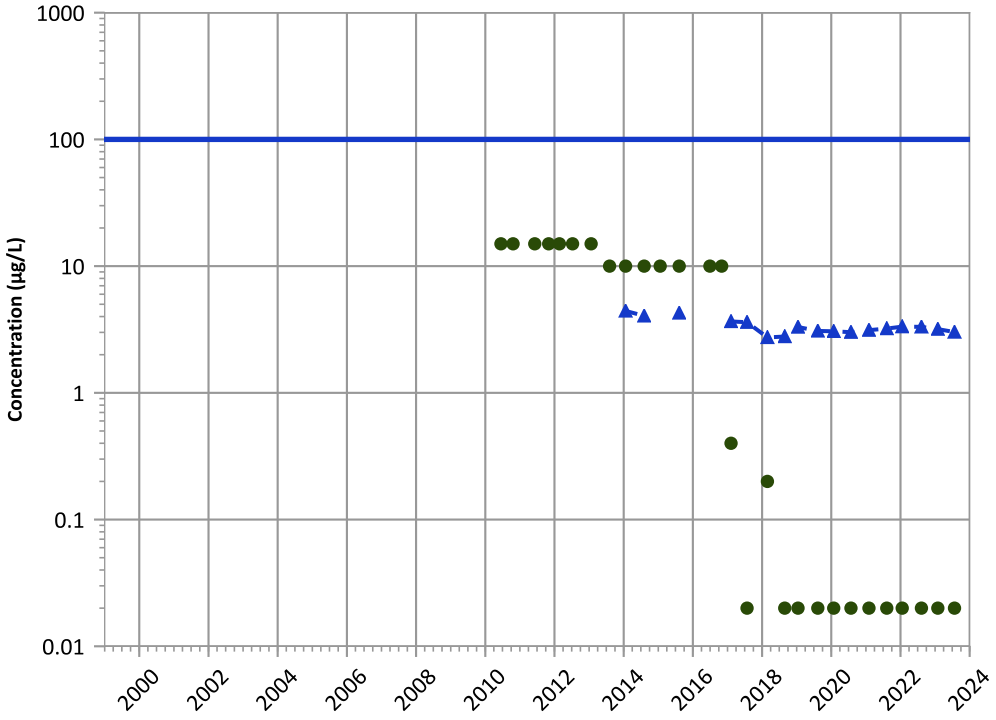
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

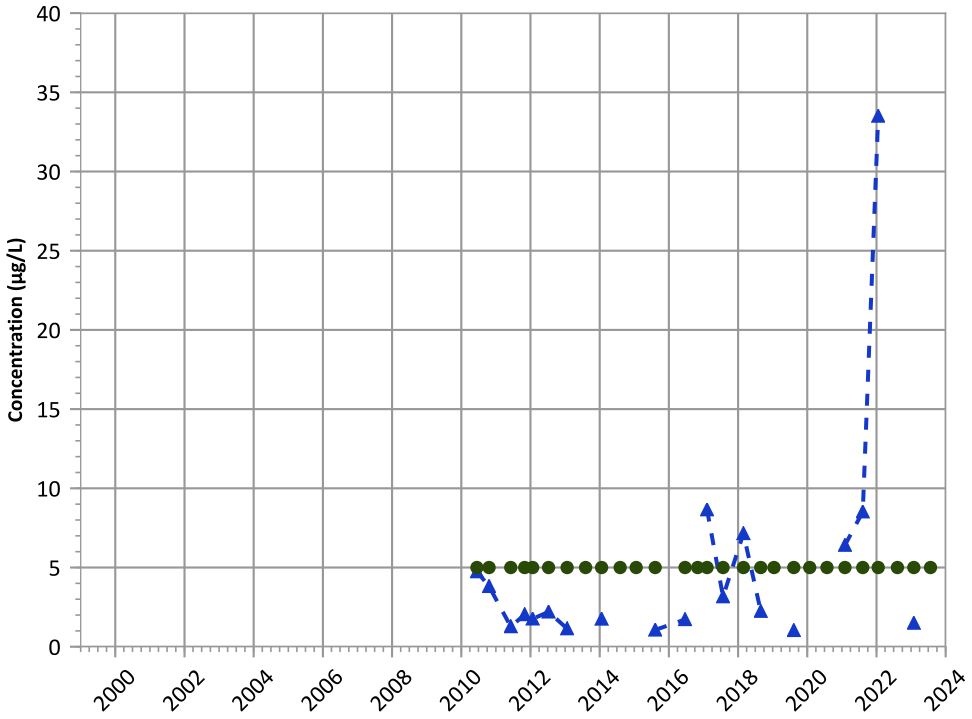


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

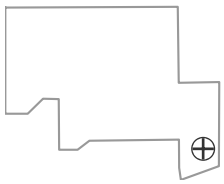
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

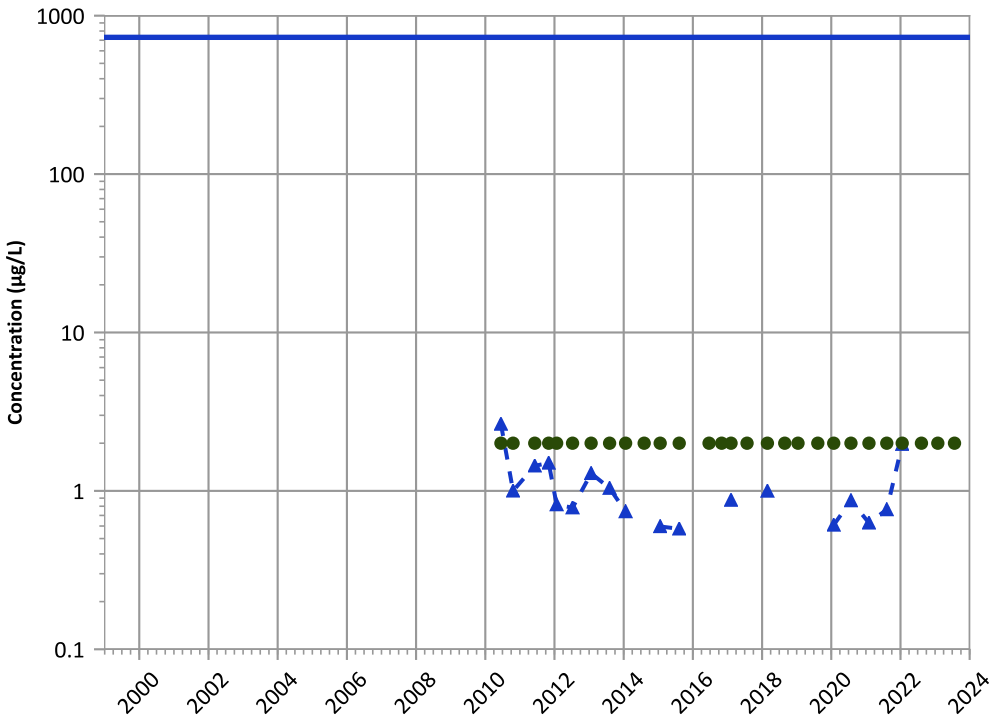
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

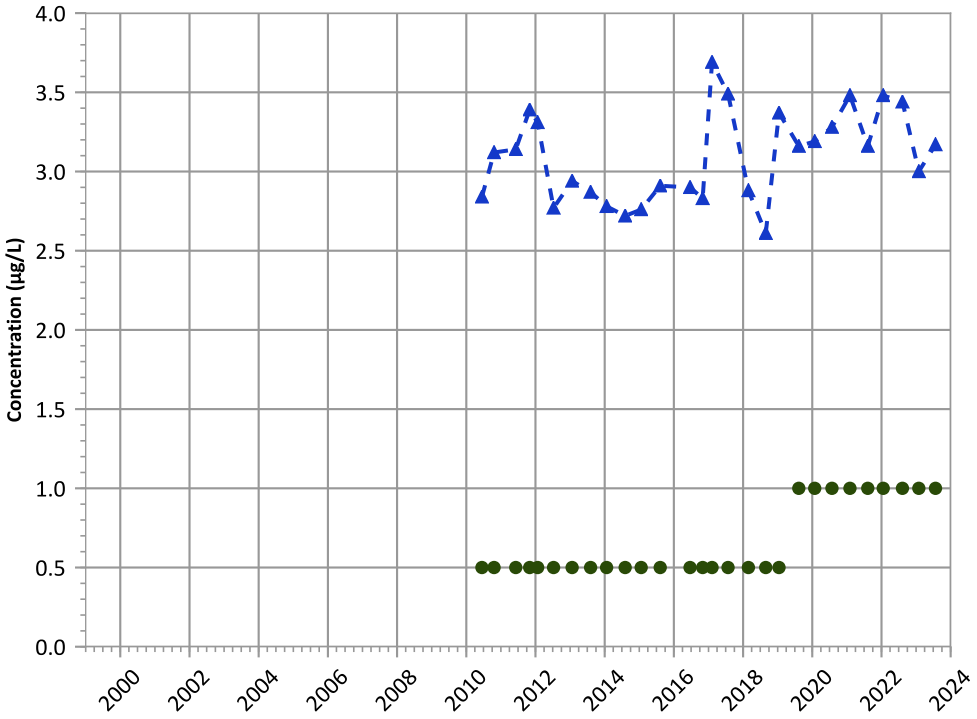


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Probably Decreasing

Molybdenum Trend



Concentration Trend

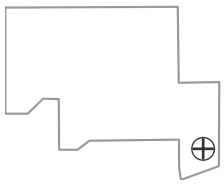
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

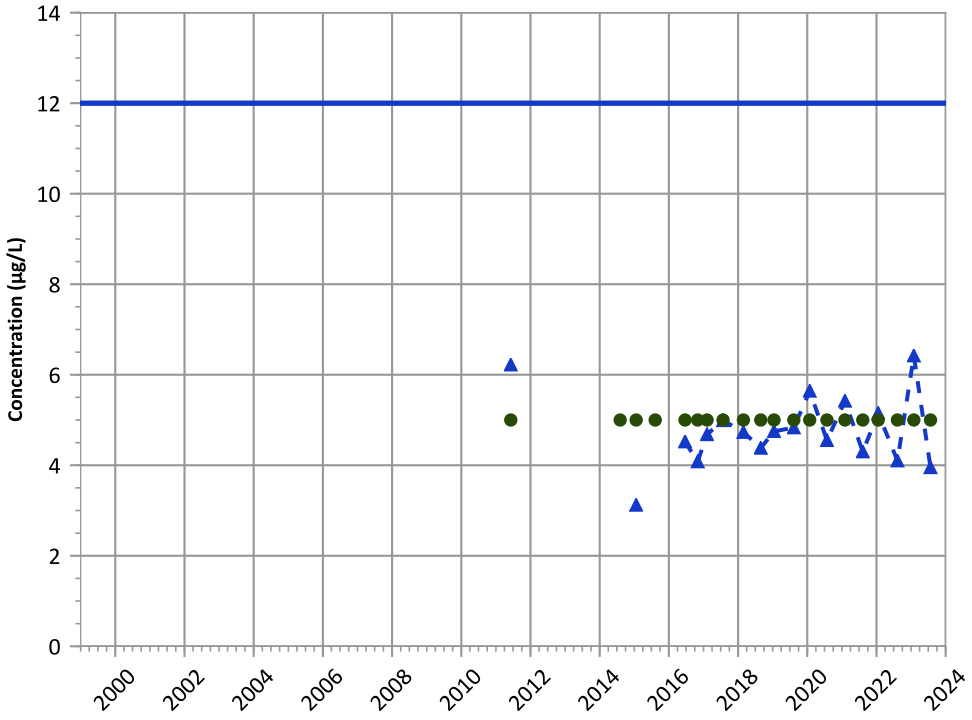
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

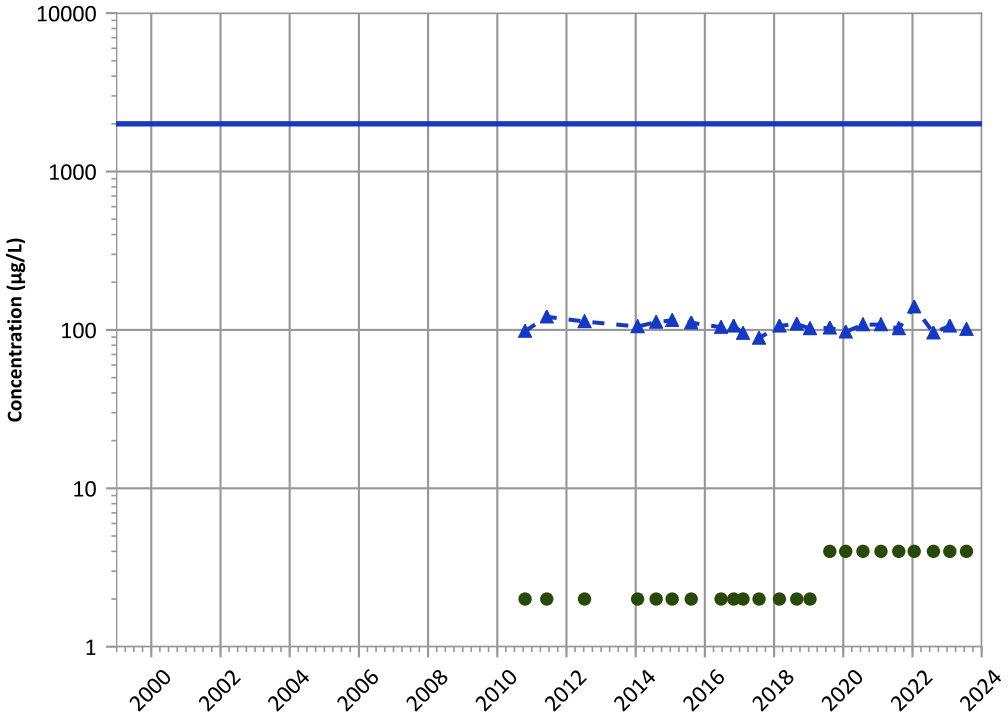


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Probably Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

Barium Trend

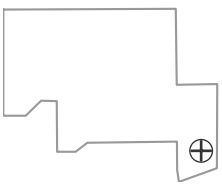


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Well Location

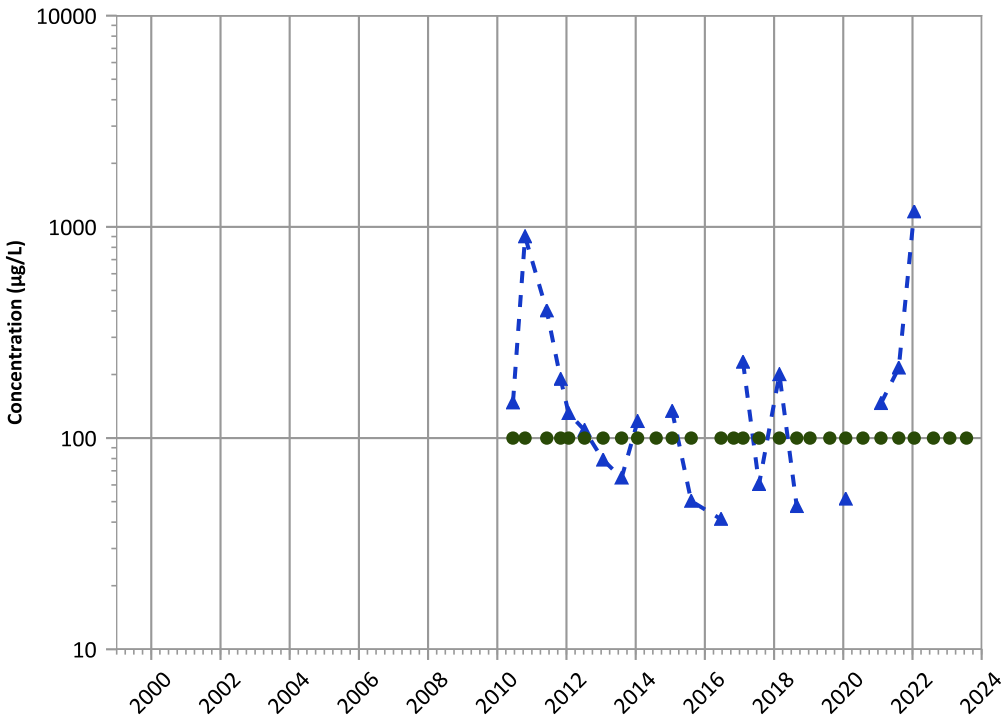


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

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

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

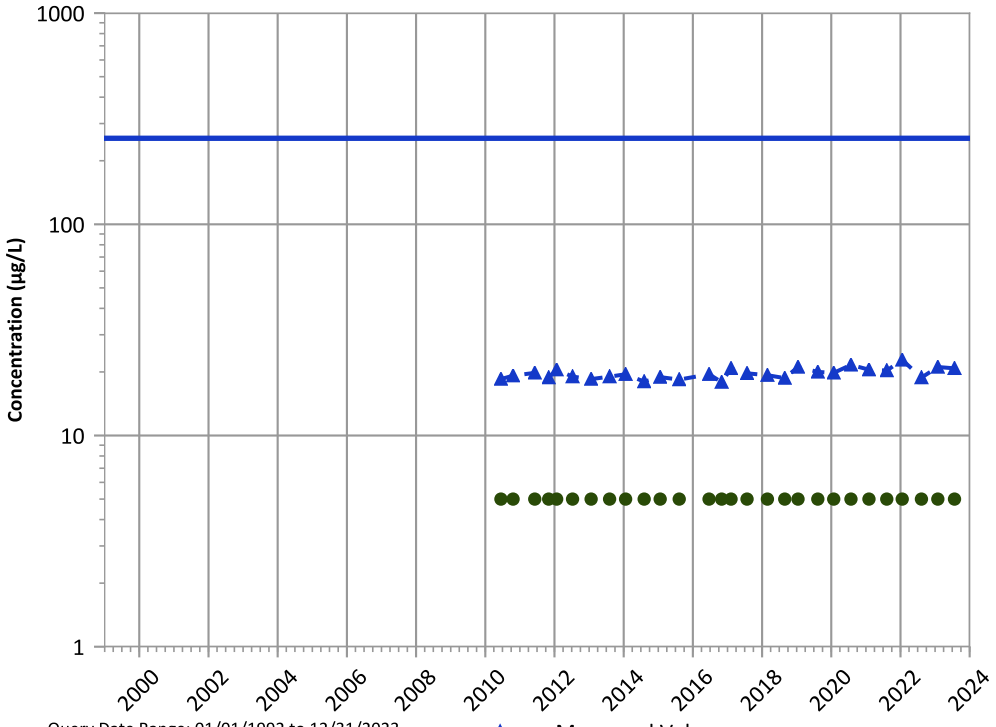


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
No Trend

Vanadium Trend



Concentration Trend

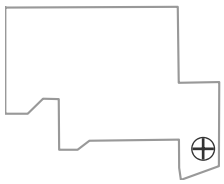
MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Increasing

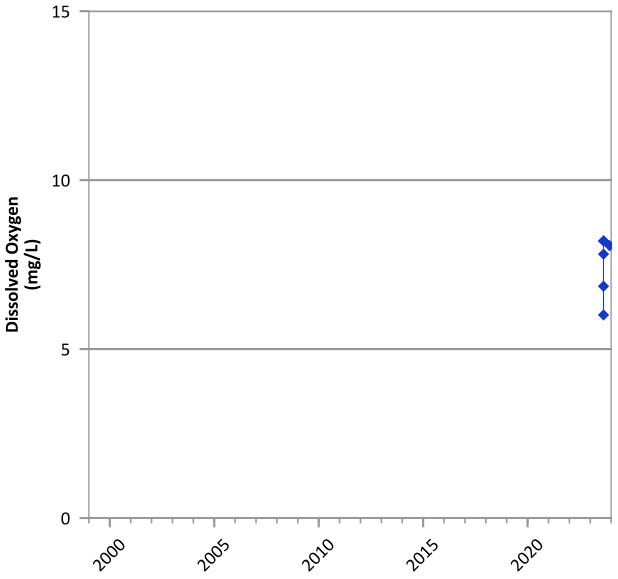
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 06/15/2010 to 07/25/2023
Analysis Date: 03/29/2024

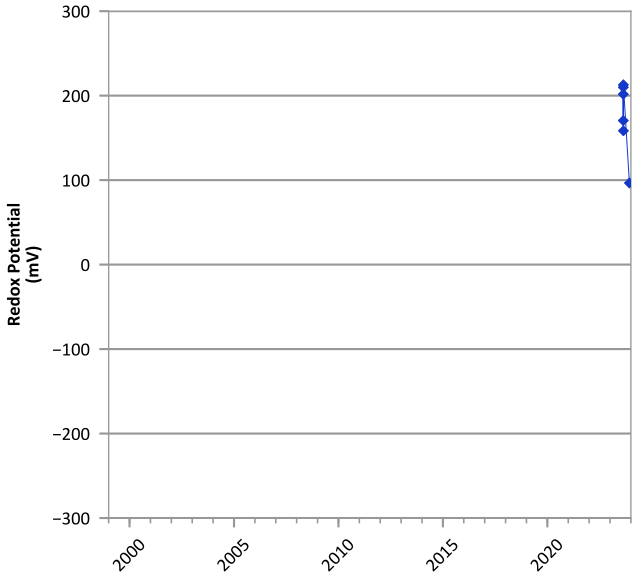
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

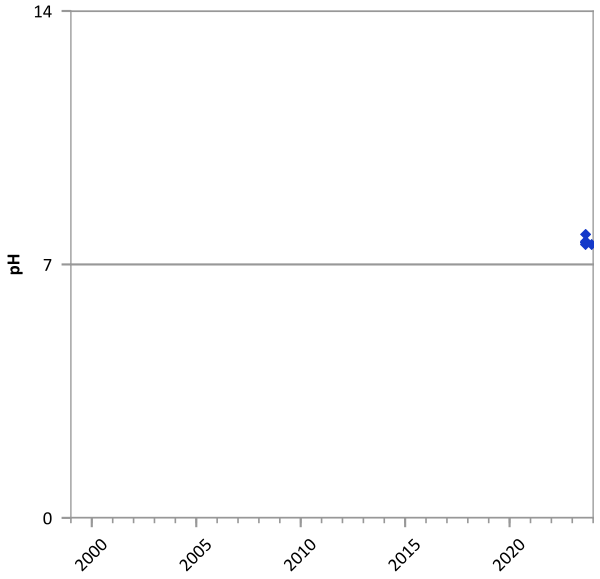
Well Location

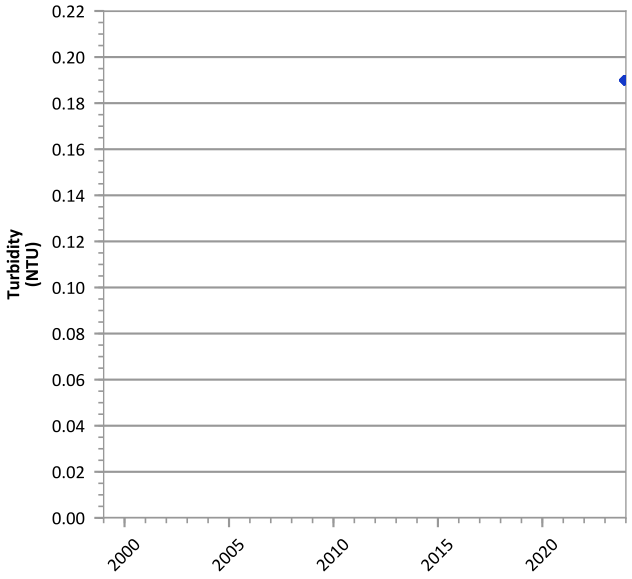


PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

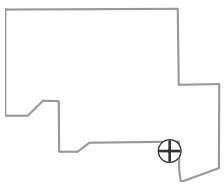






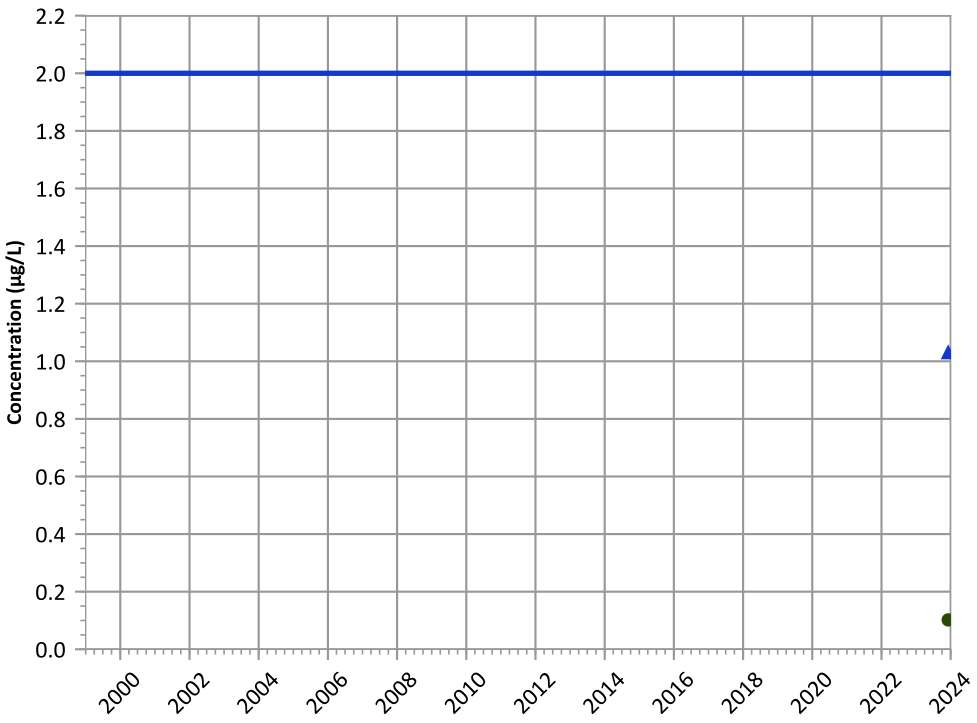


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

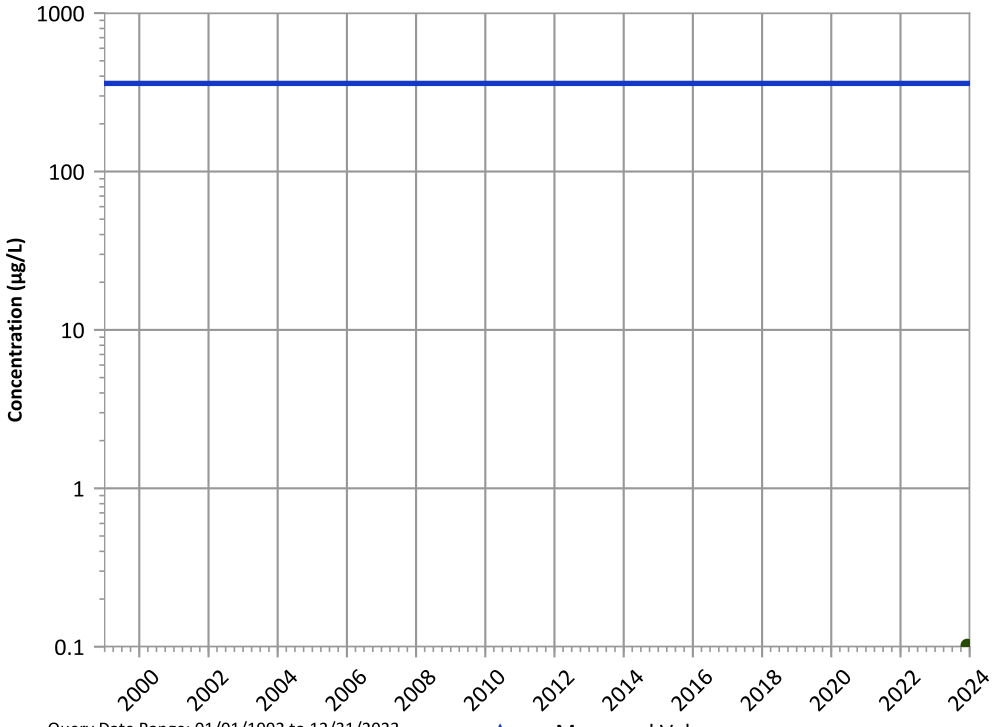


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

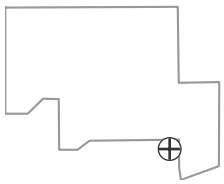


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

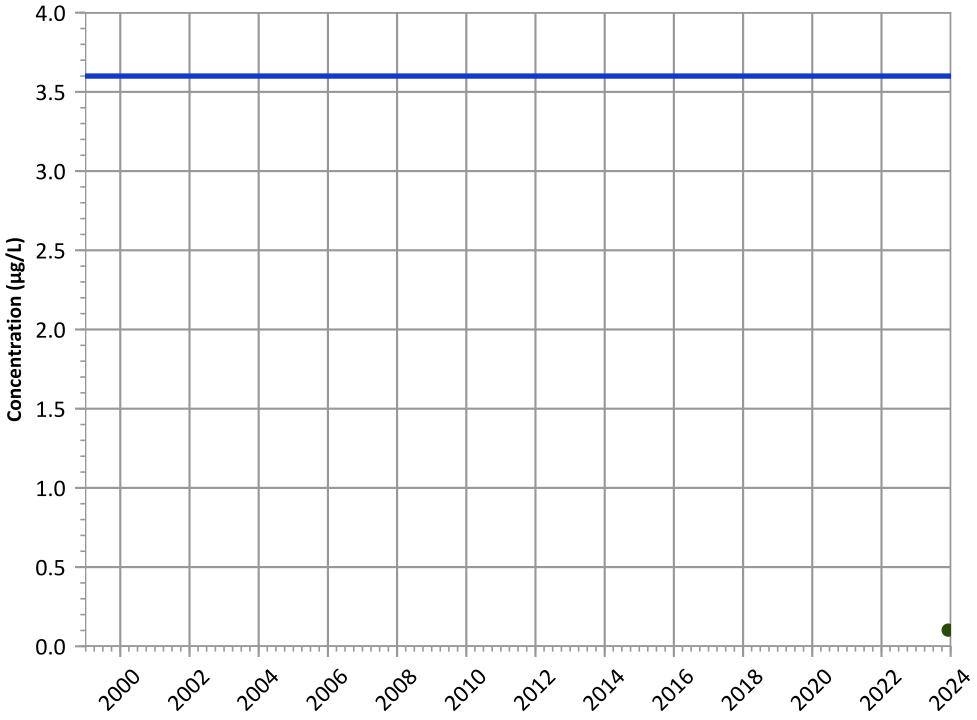


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

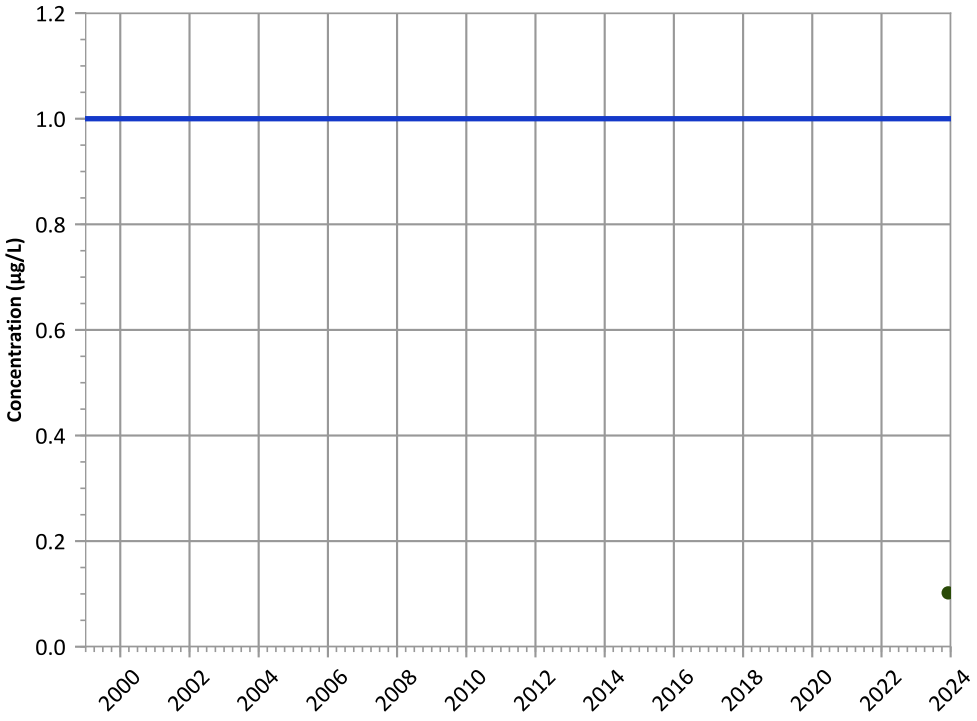


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

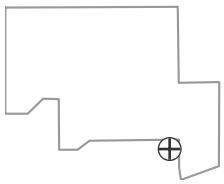
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

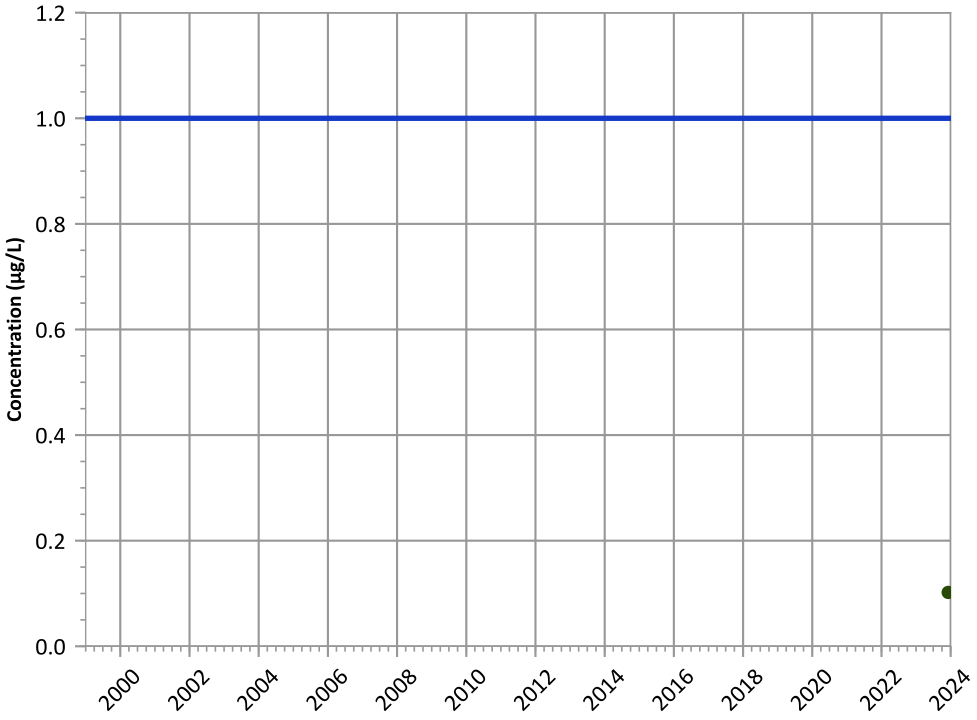
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

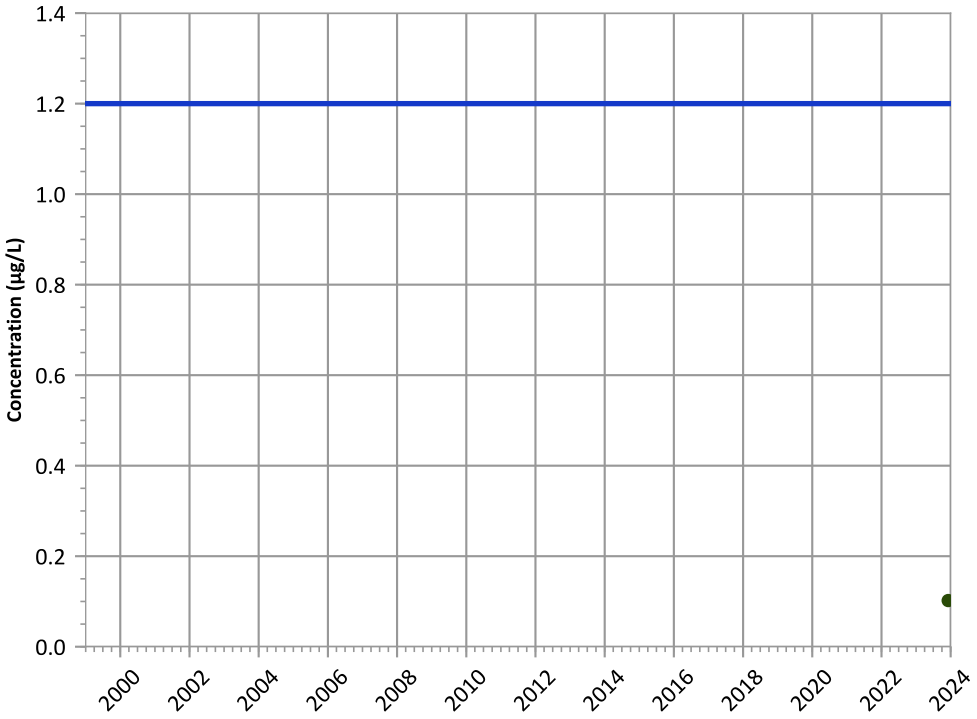


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

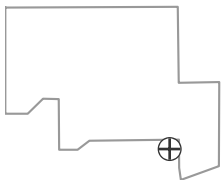
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

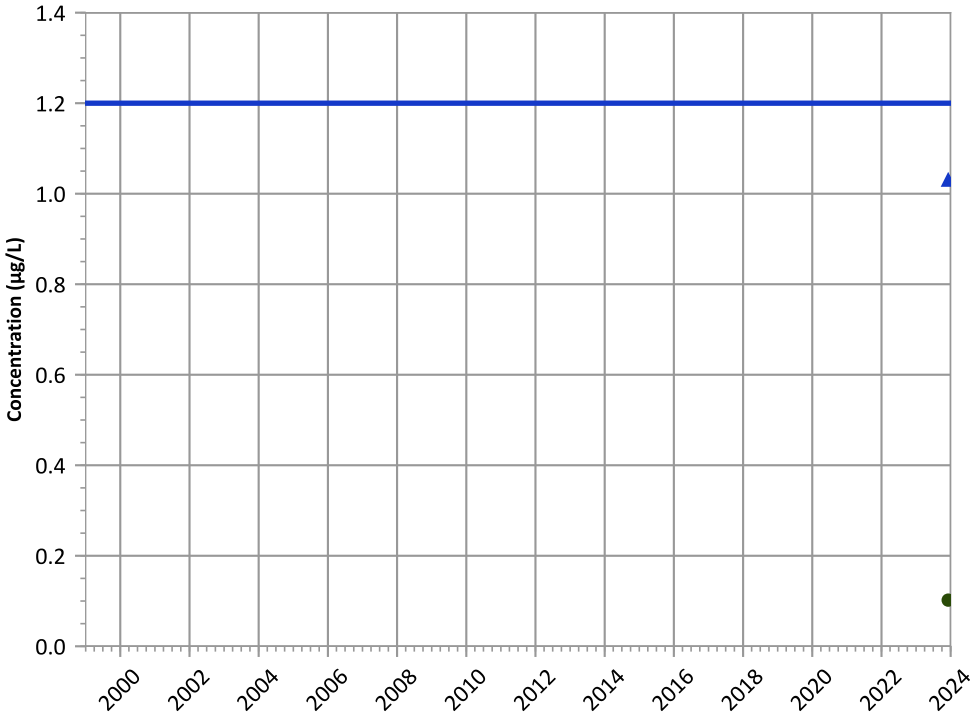
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

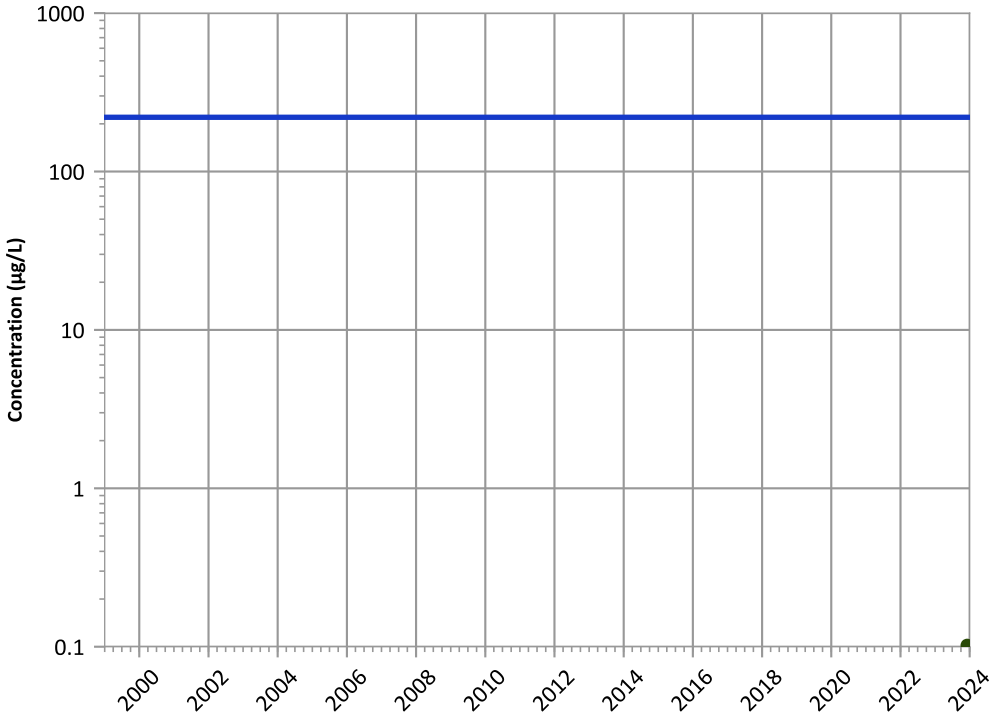


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

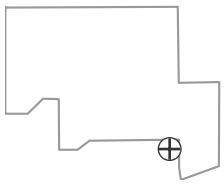


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

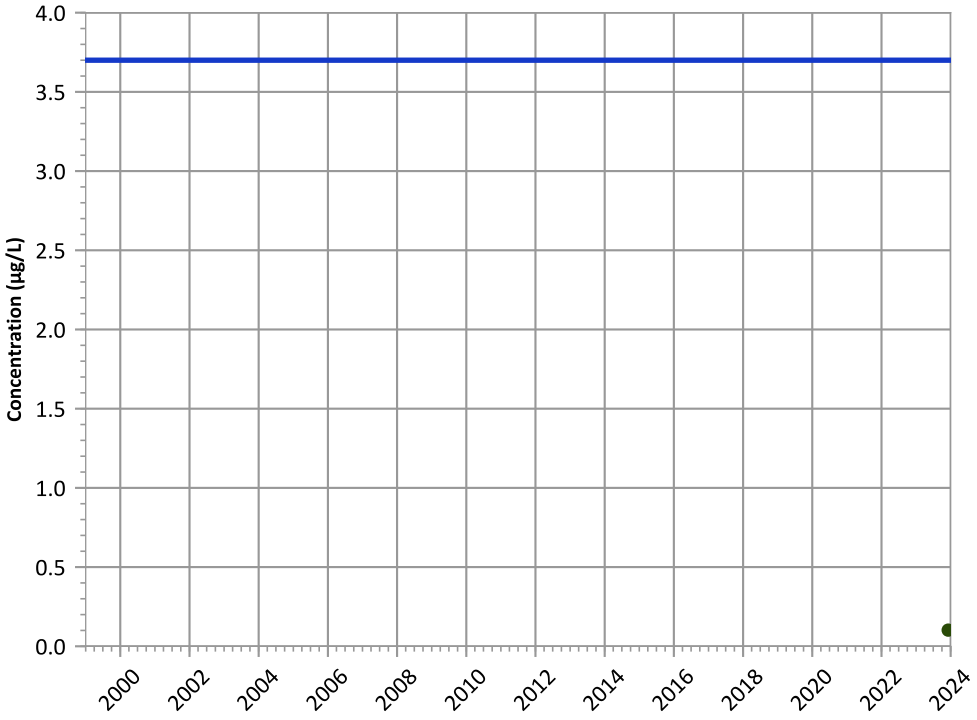


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

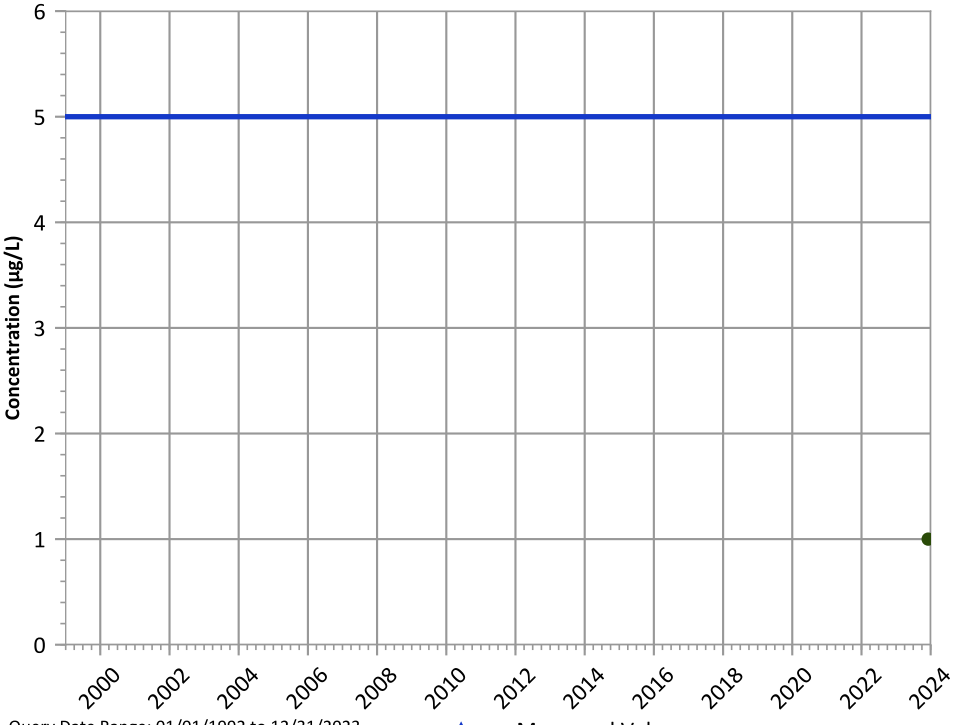


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Tetrachloroethylene (PCE) Trend

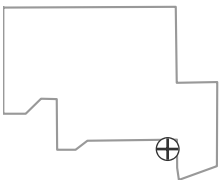


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

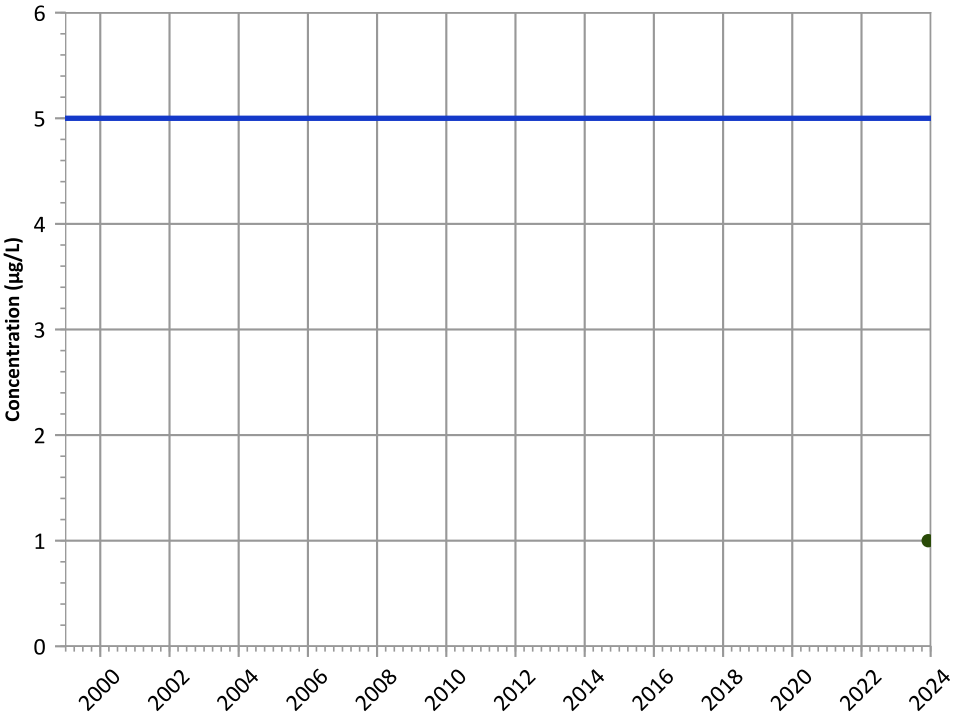


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

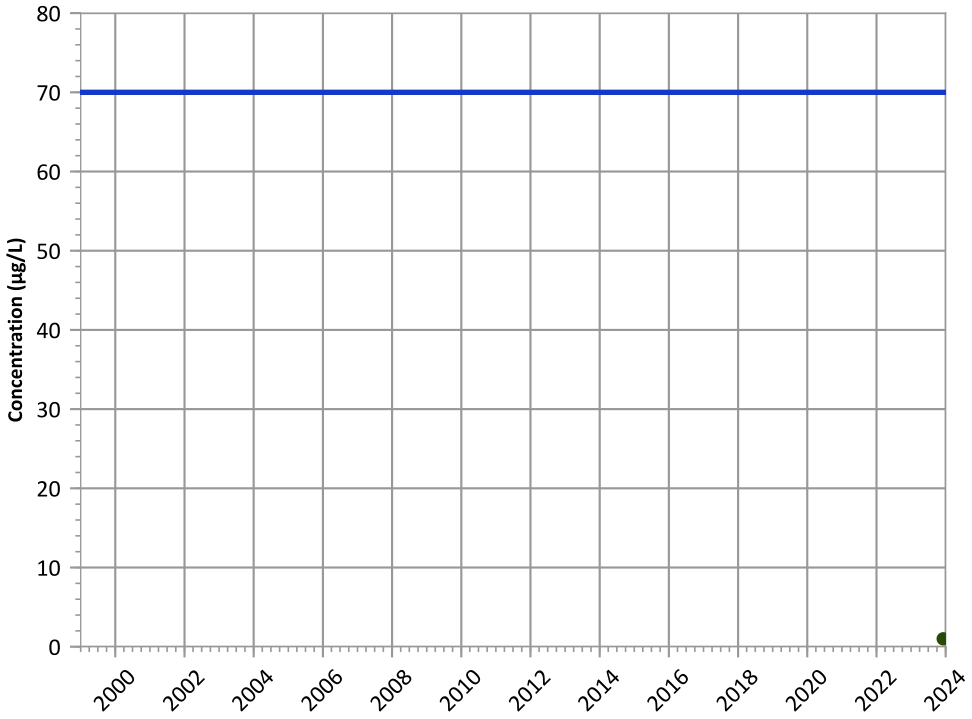


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

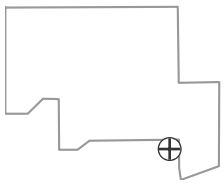
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

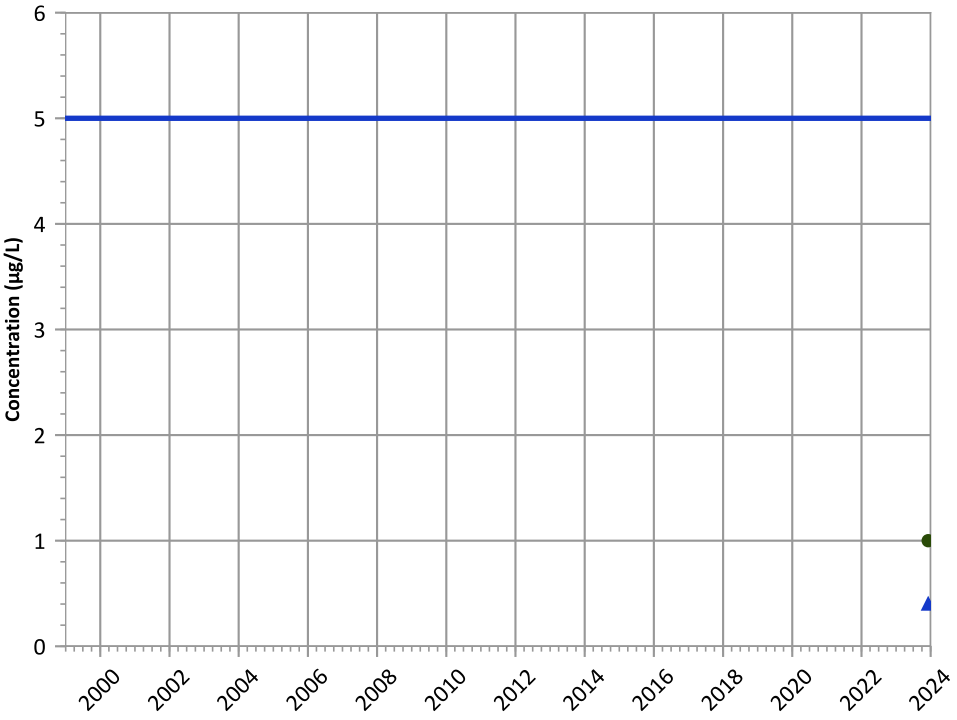
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

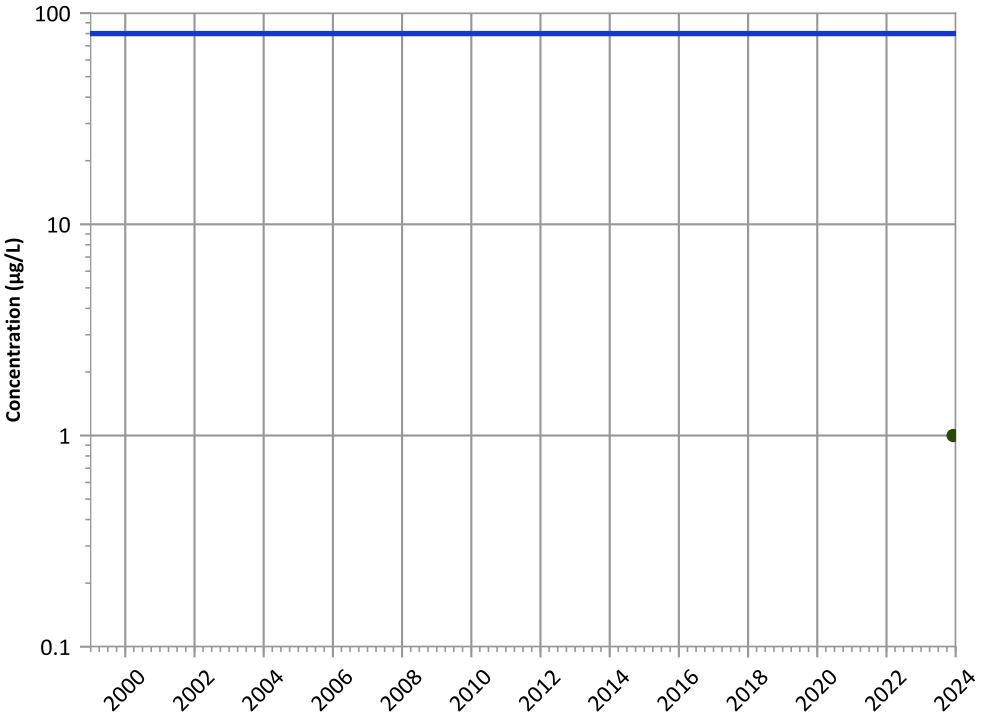


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

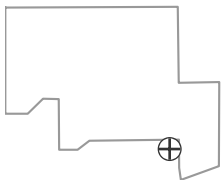
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

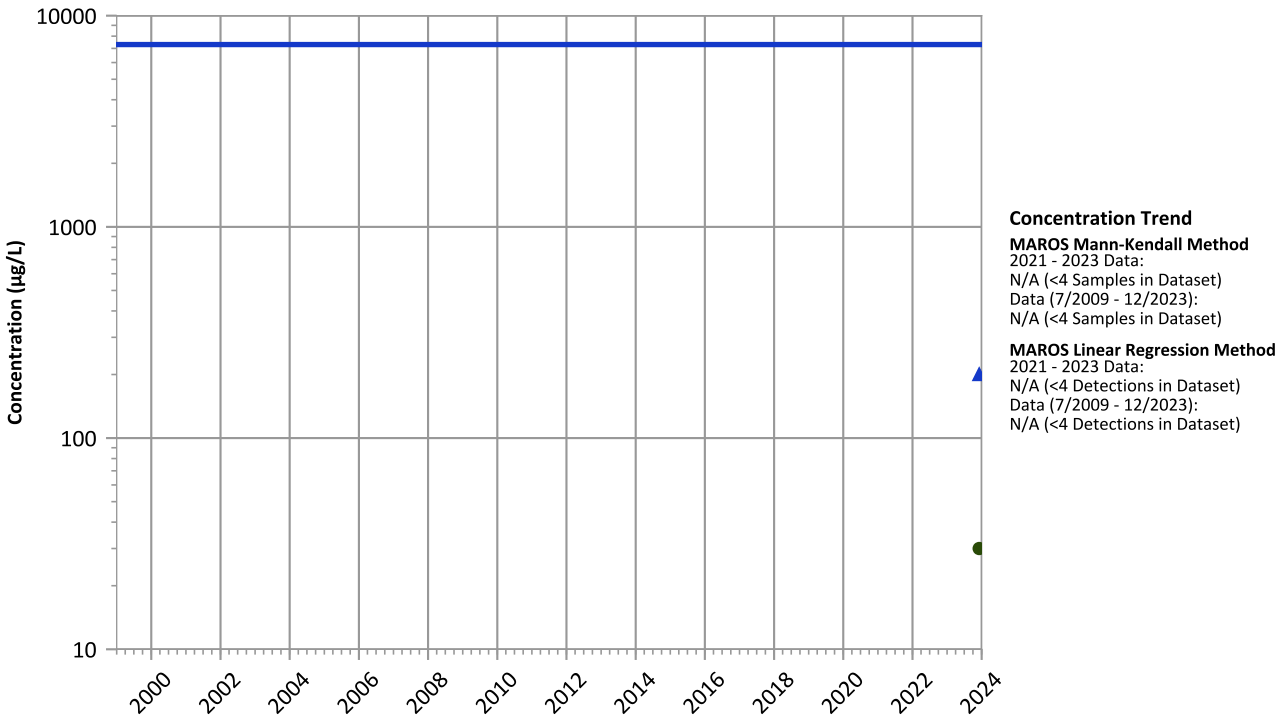
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

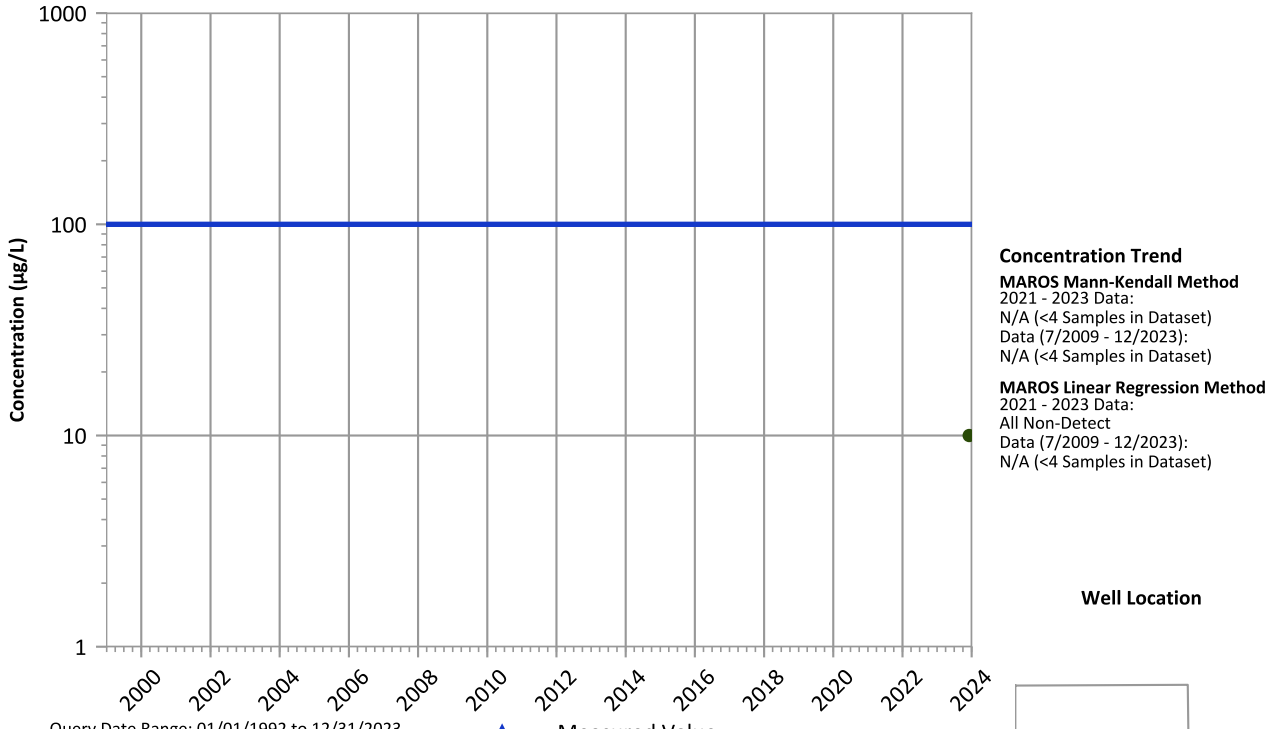


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

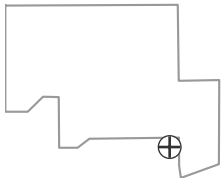
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

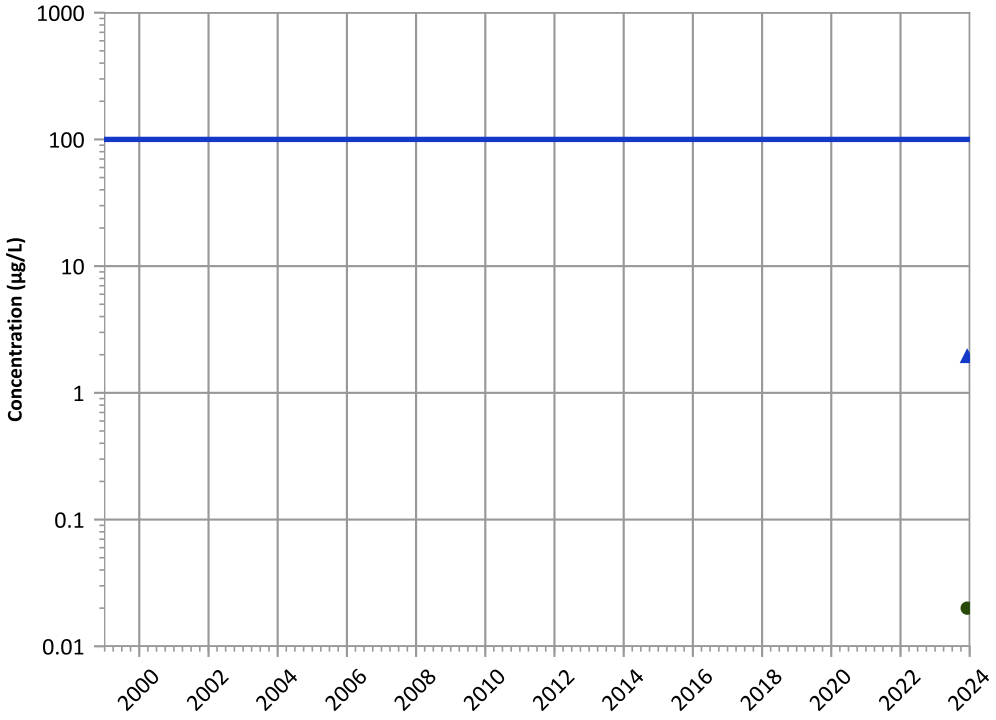
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

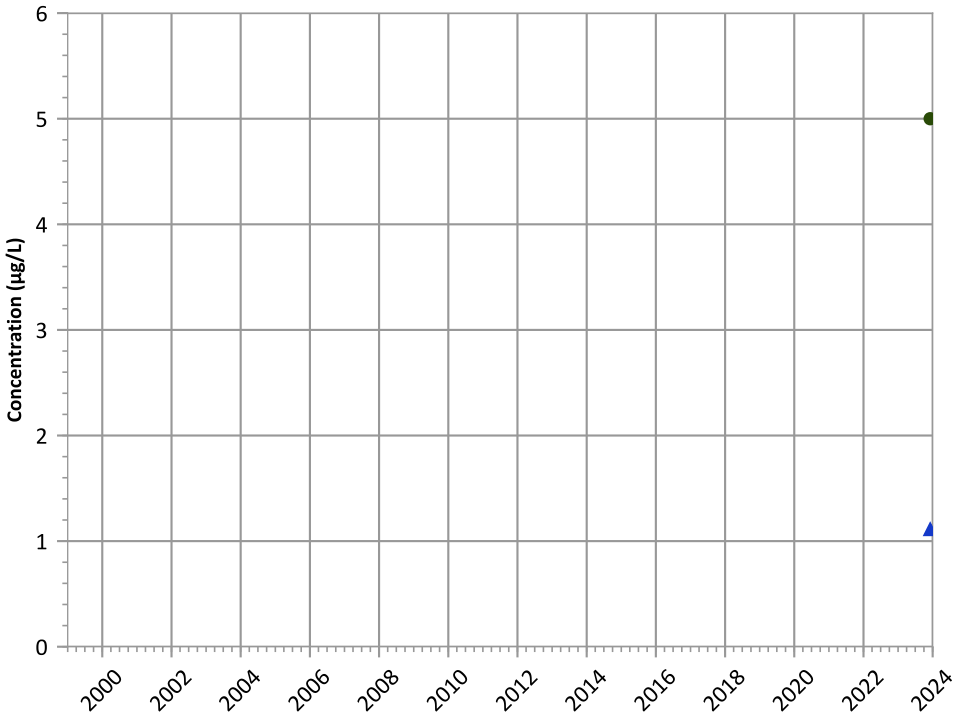


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

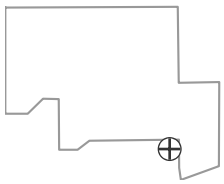
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

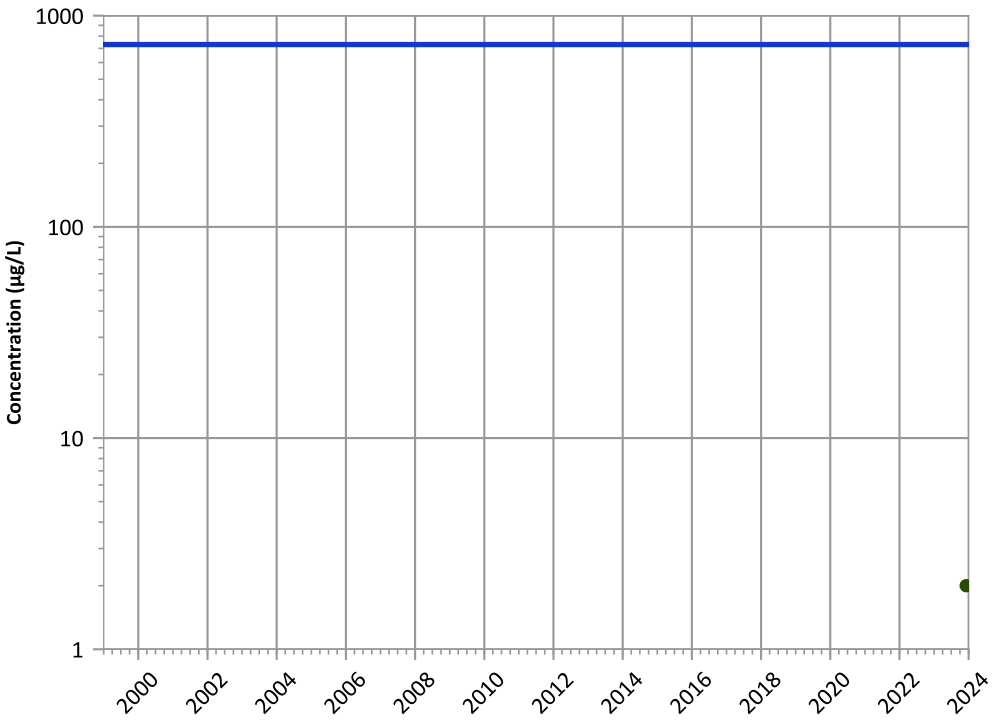
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

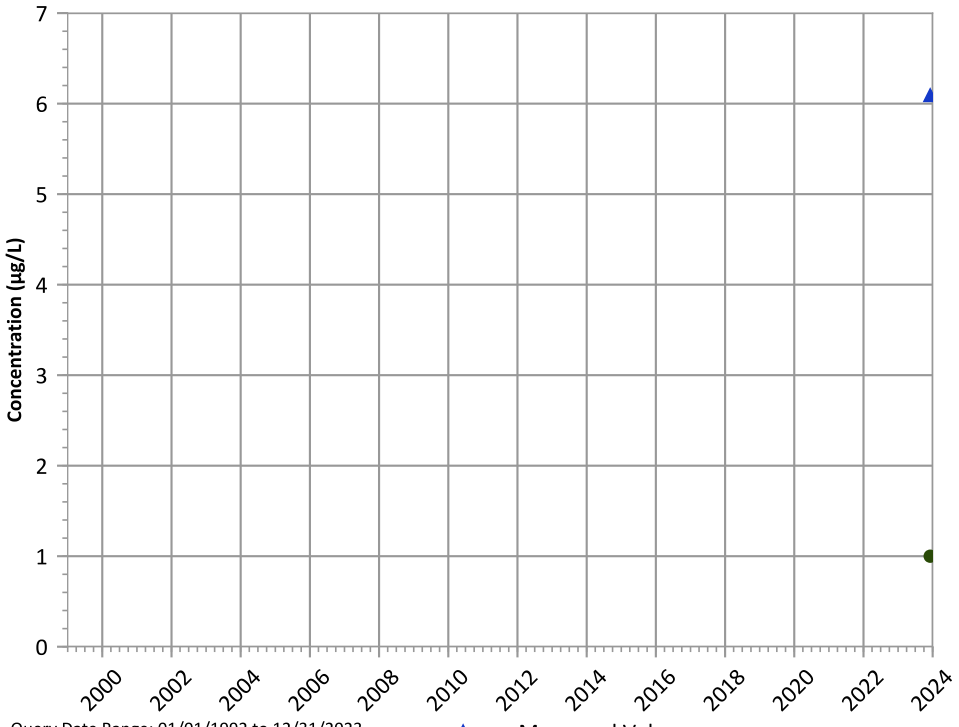


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Molybdenum Trend



Concentration Trend

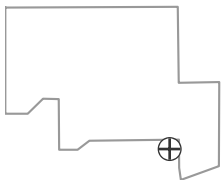
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

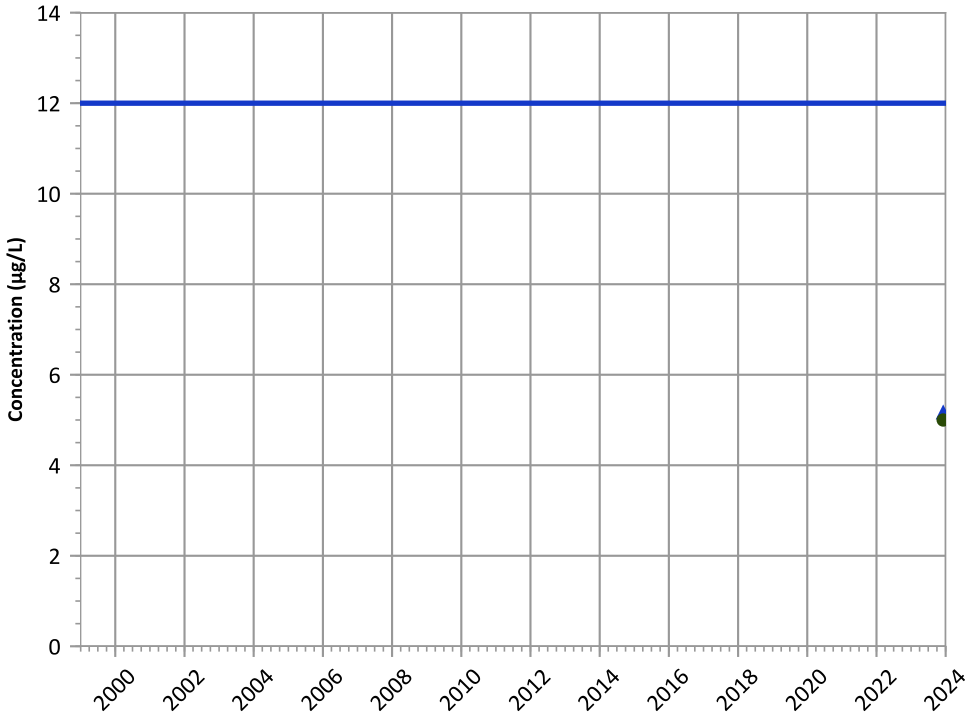
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

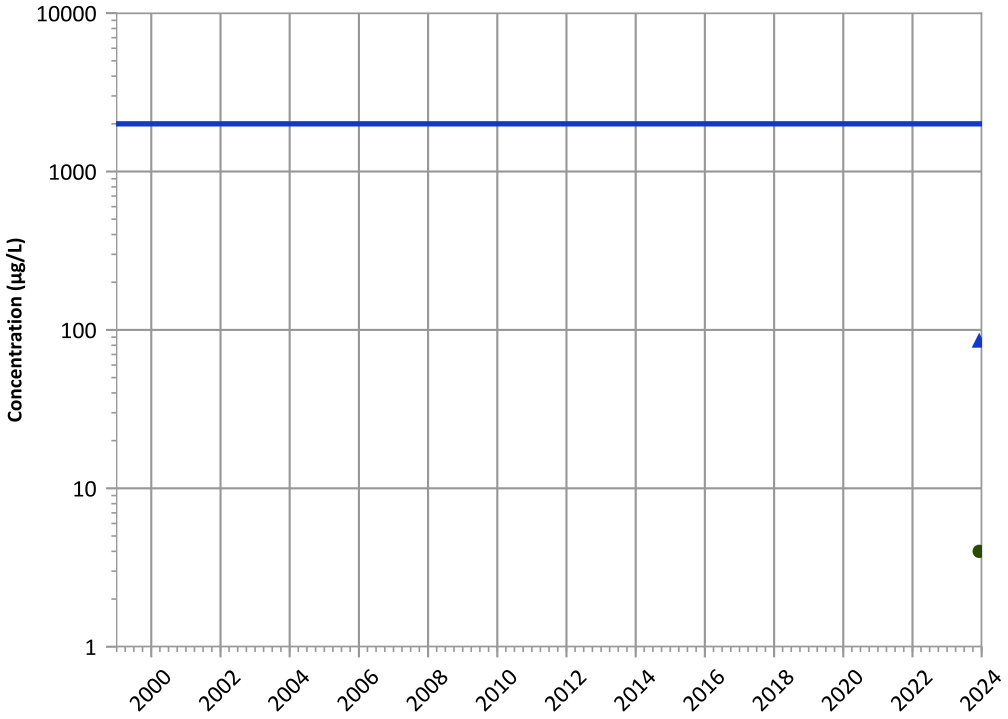


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

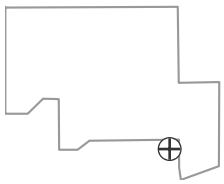
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

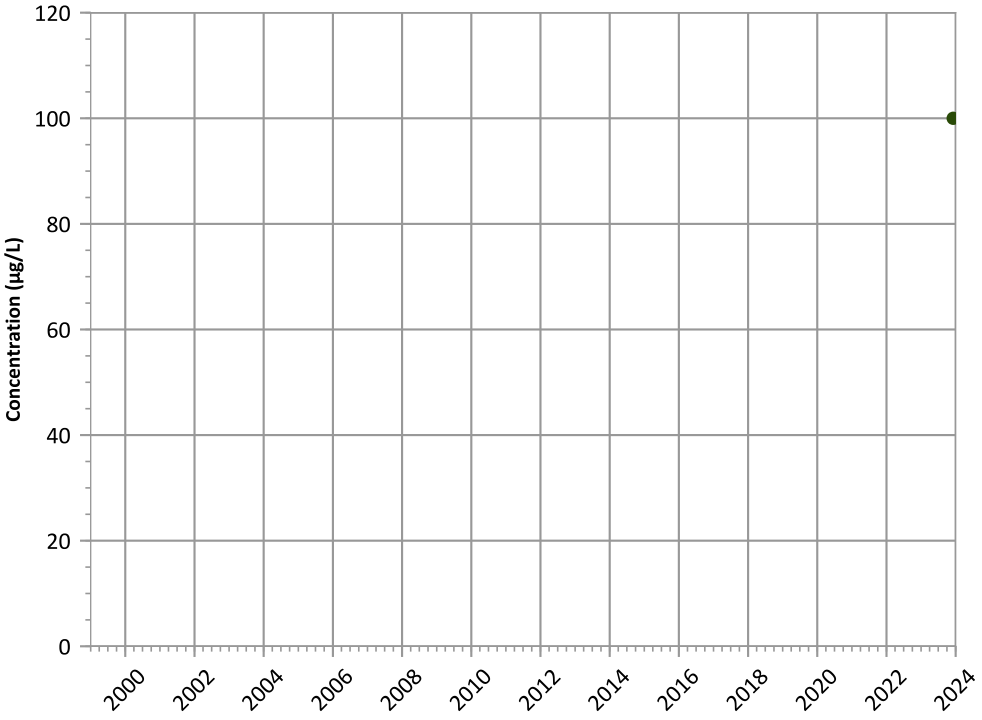
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1223 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

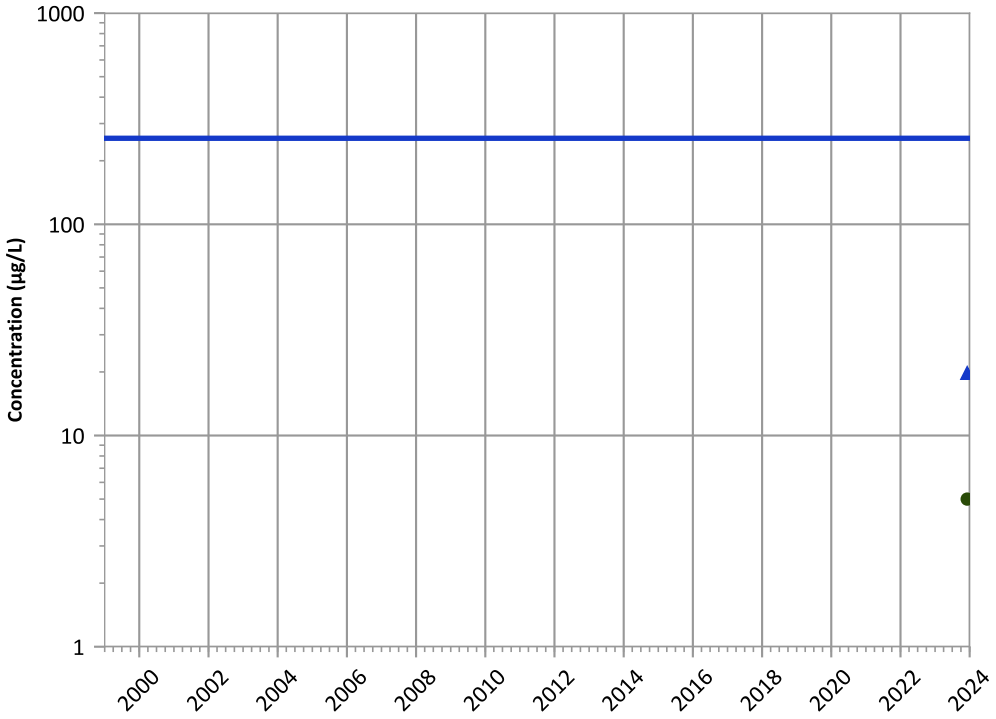


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Vanadium Trend



Concentration Trend

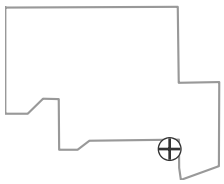
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

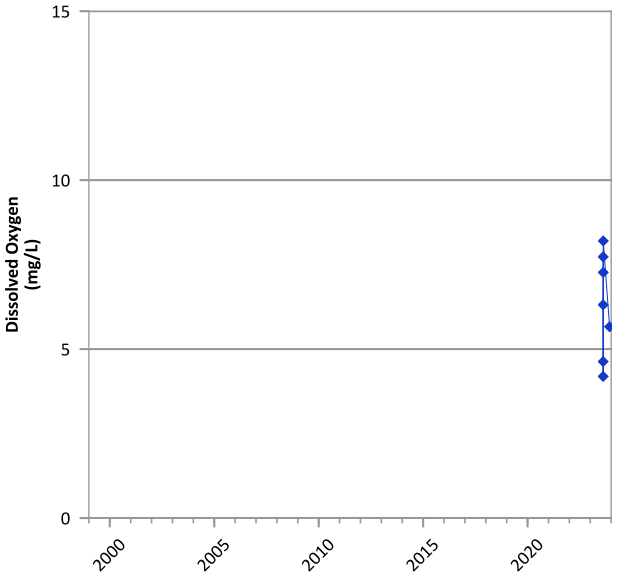
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

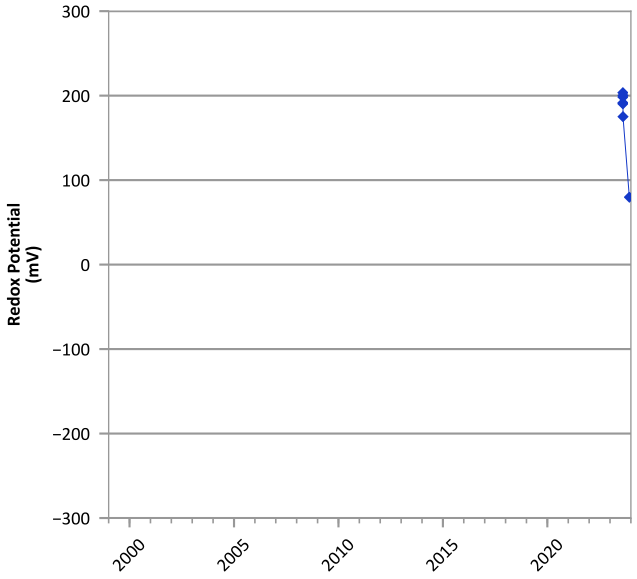
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

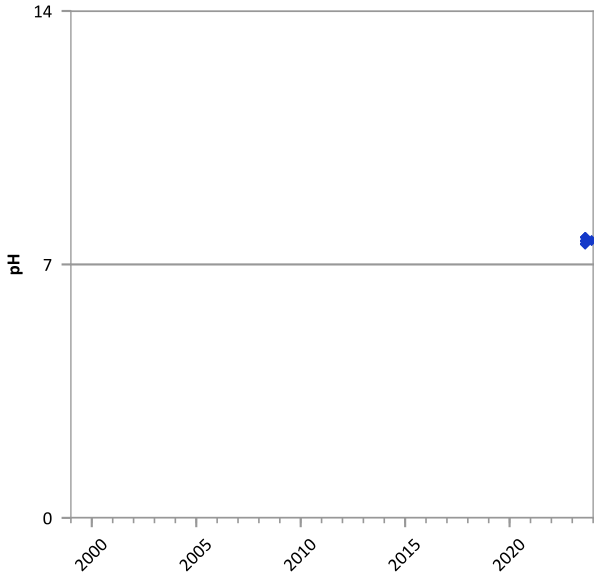
Well Location

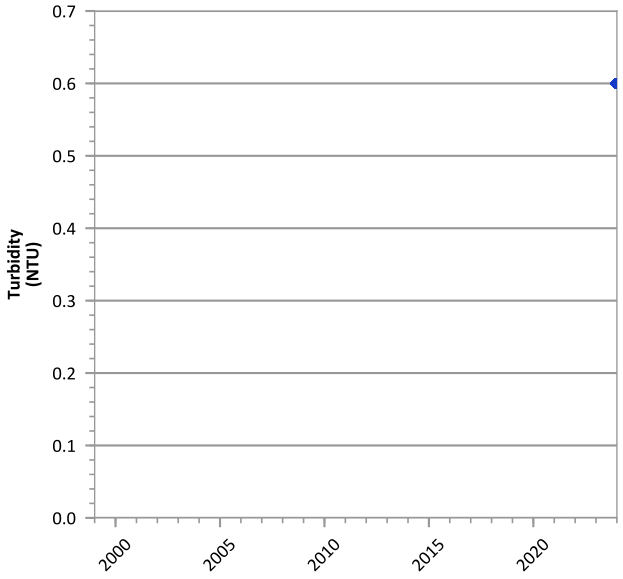


PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

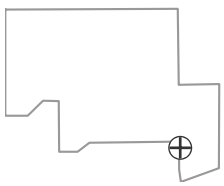






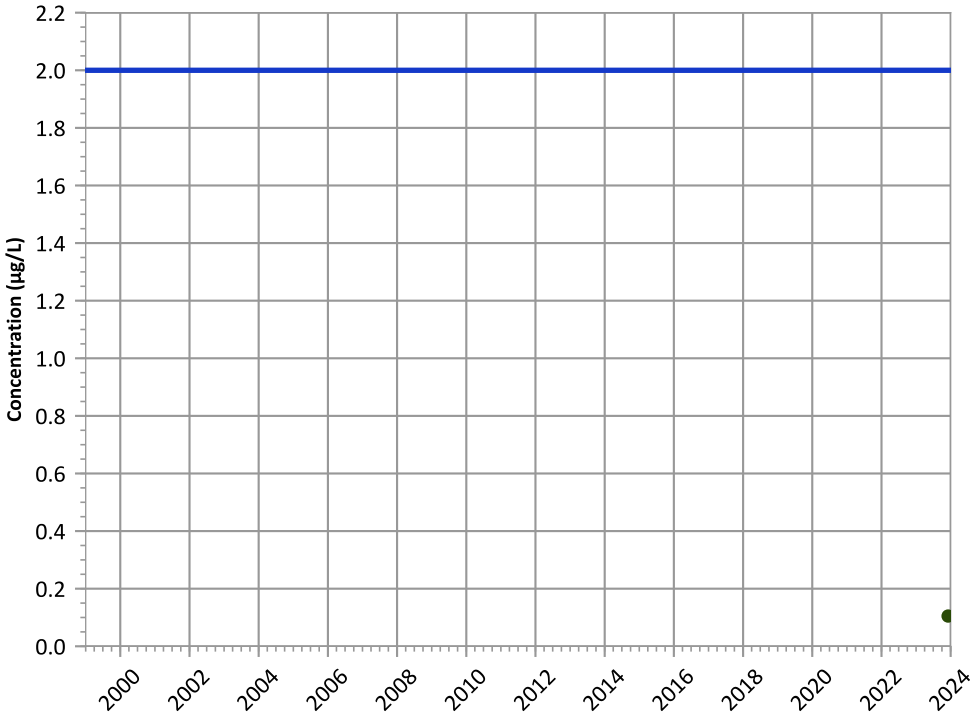


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

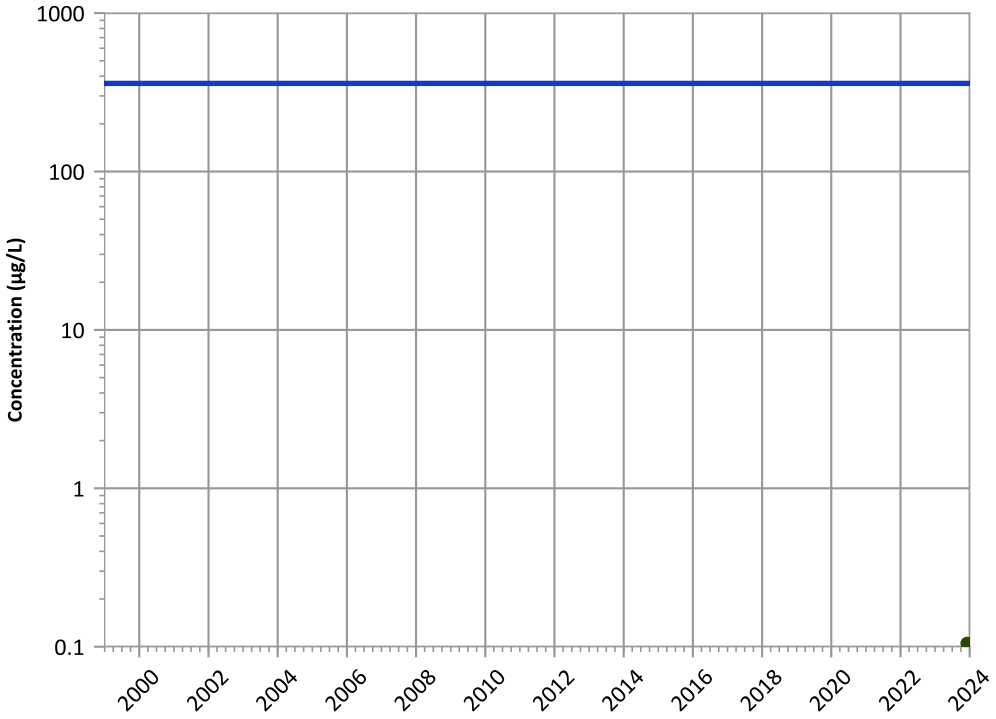


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

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

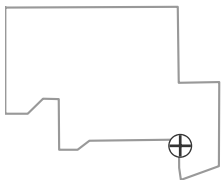


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

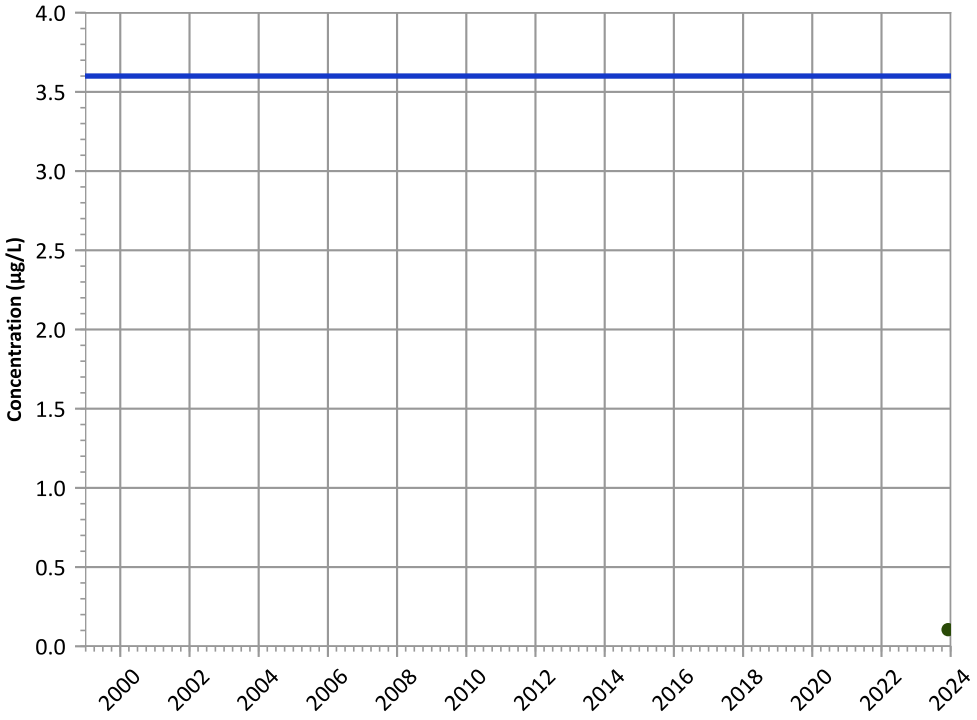


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

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

PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

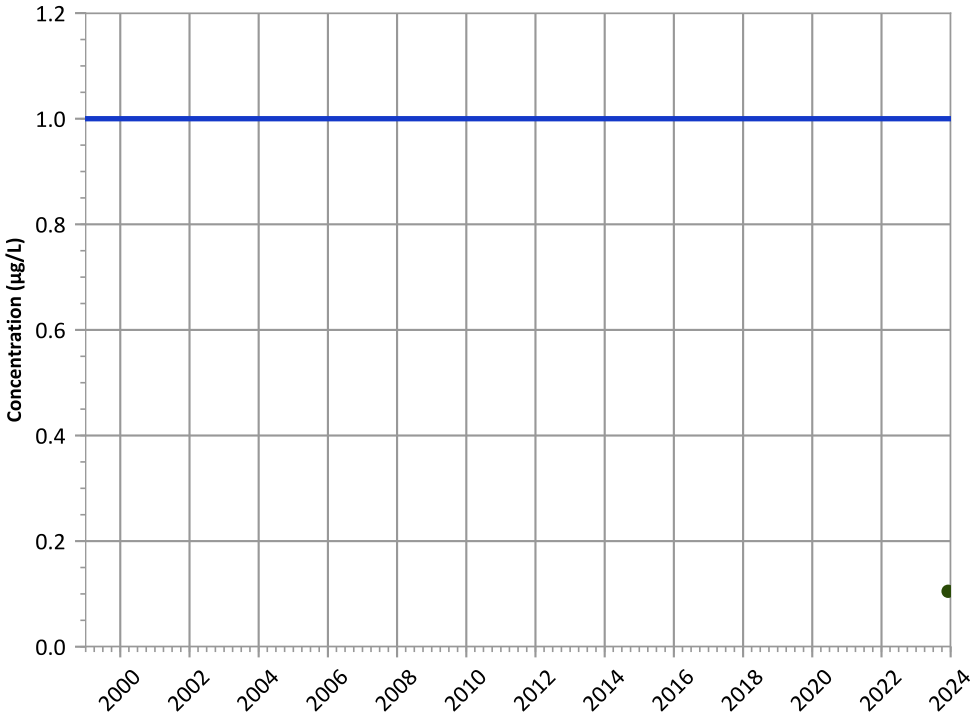


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

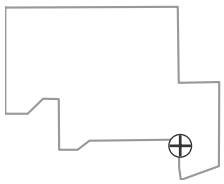
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

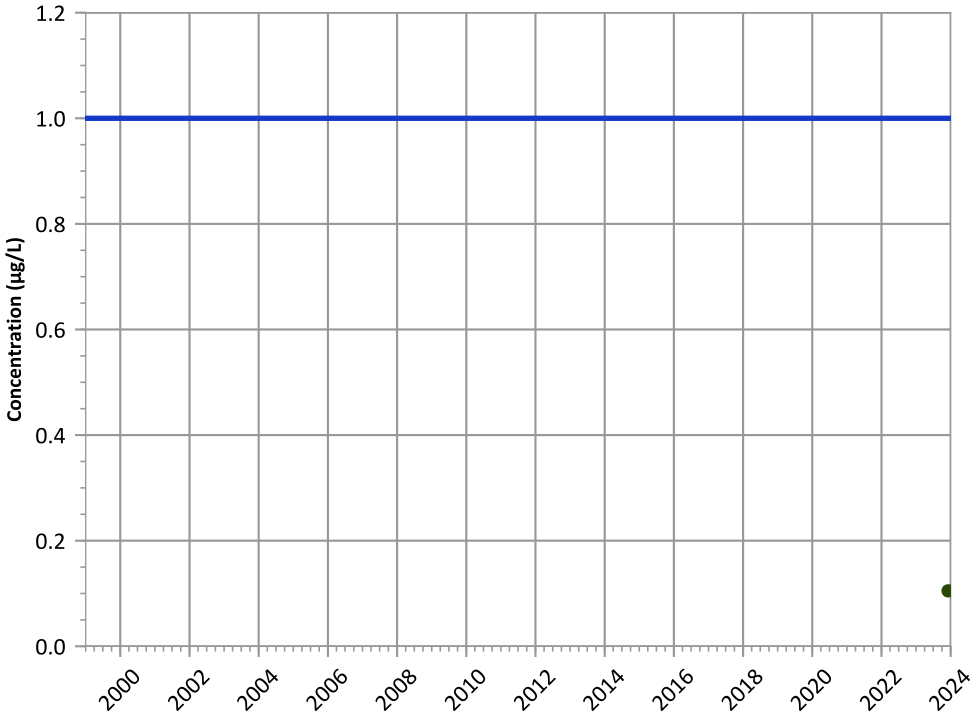
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

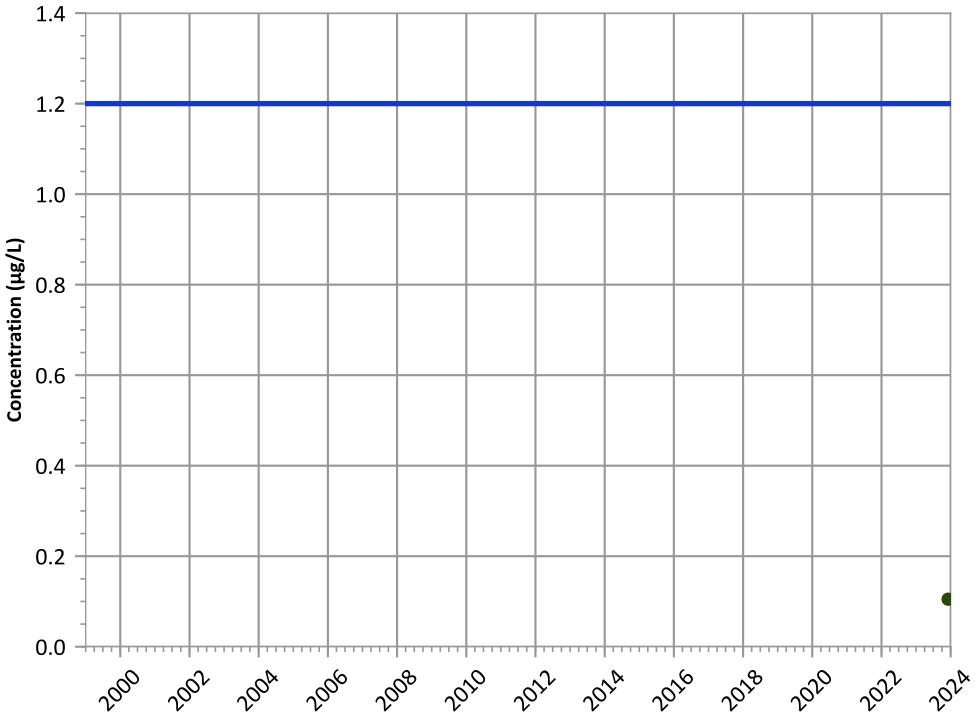


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

2-Amino-4,6-Dinitrotoluene Trend

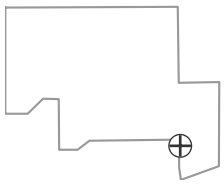


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

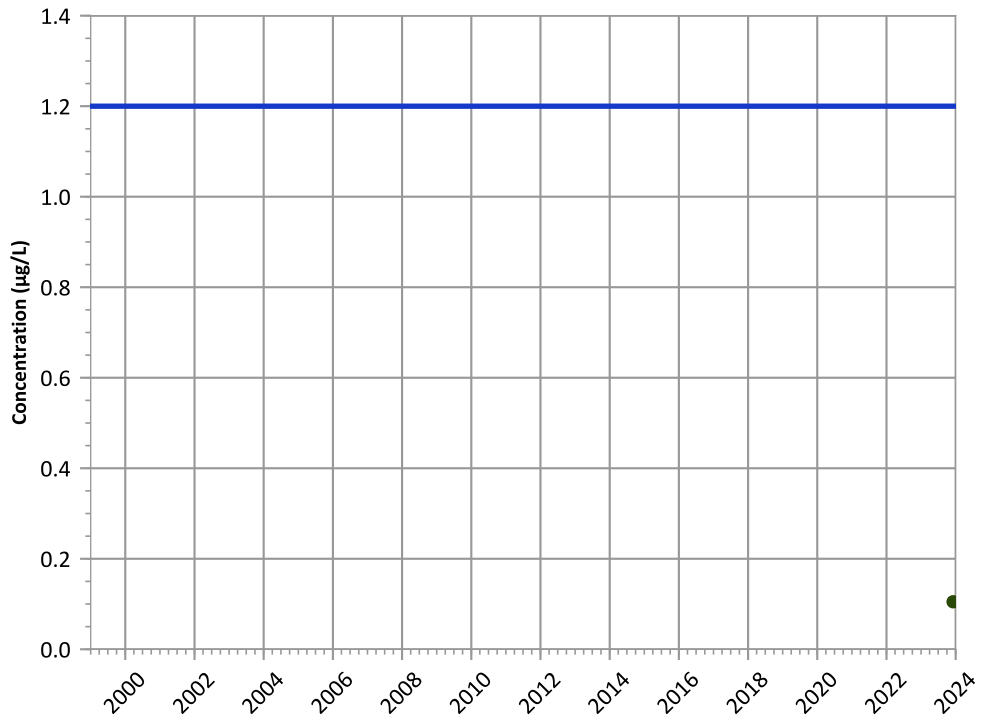


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

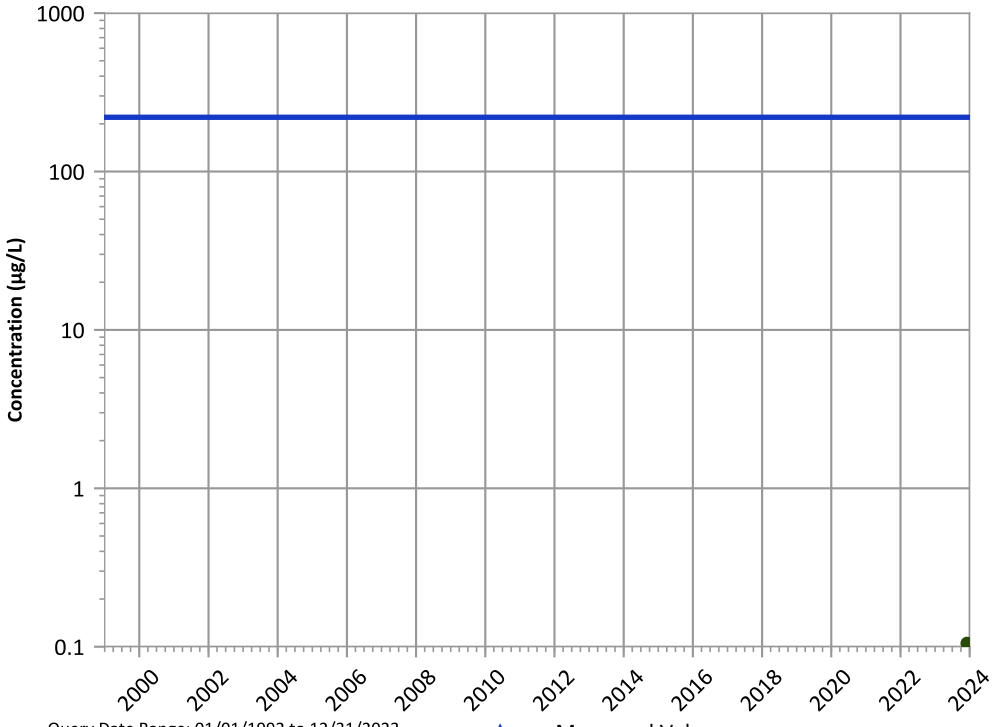


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

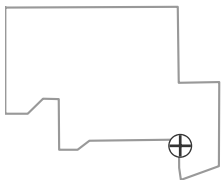
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

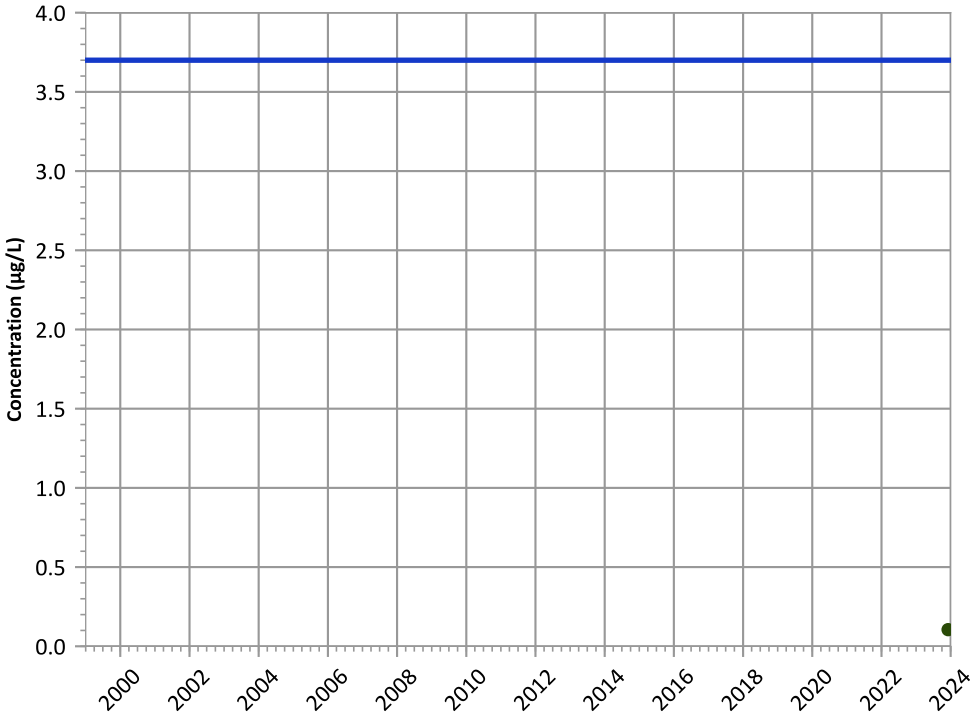
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

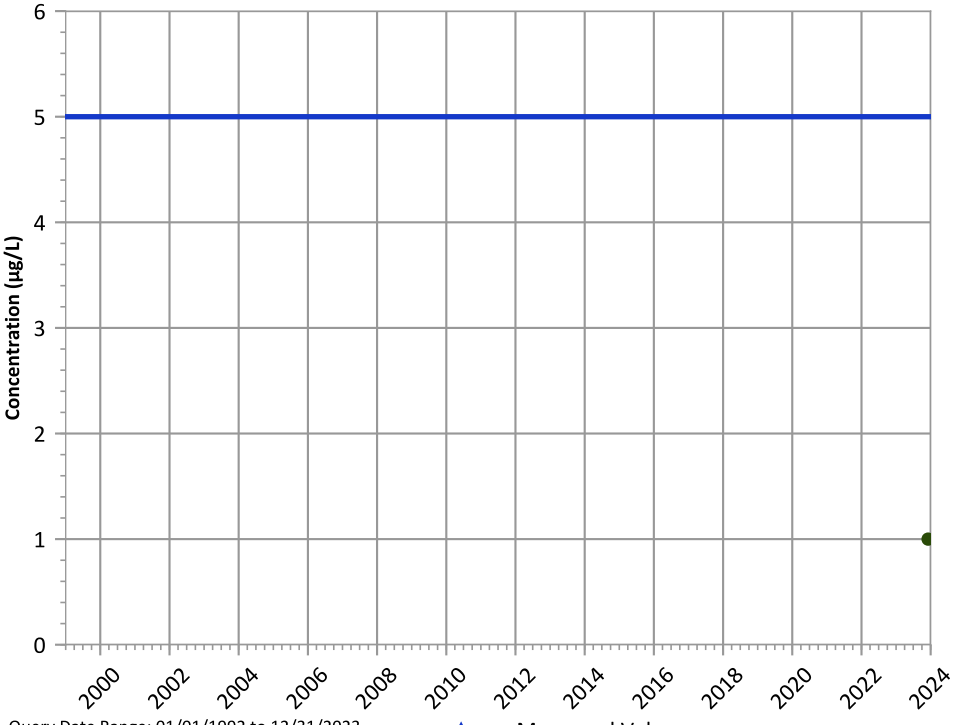


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Tetrachloroethylene (PCE) Trend

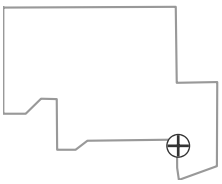


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

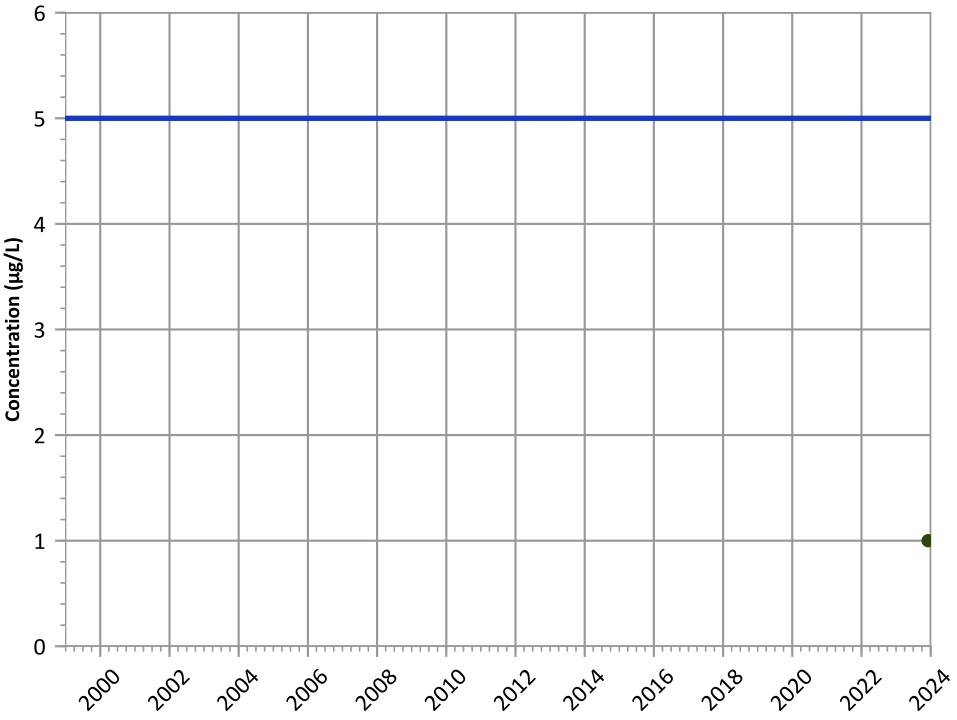


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

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

PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

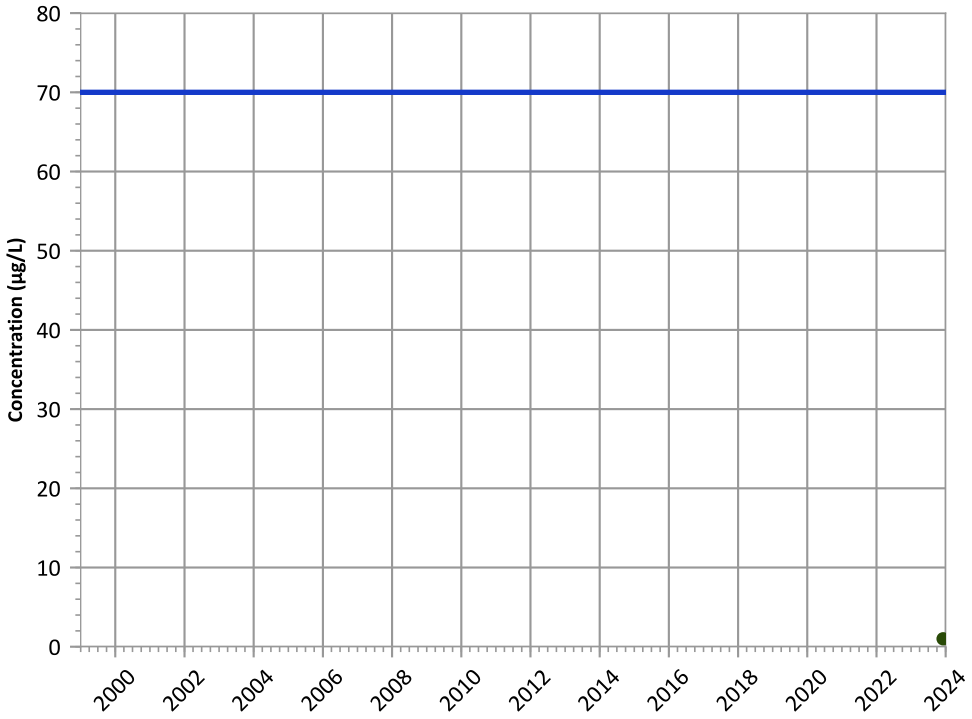


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

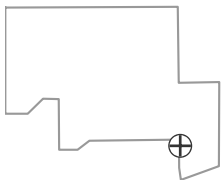
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

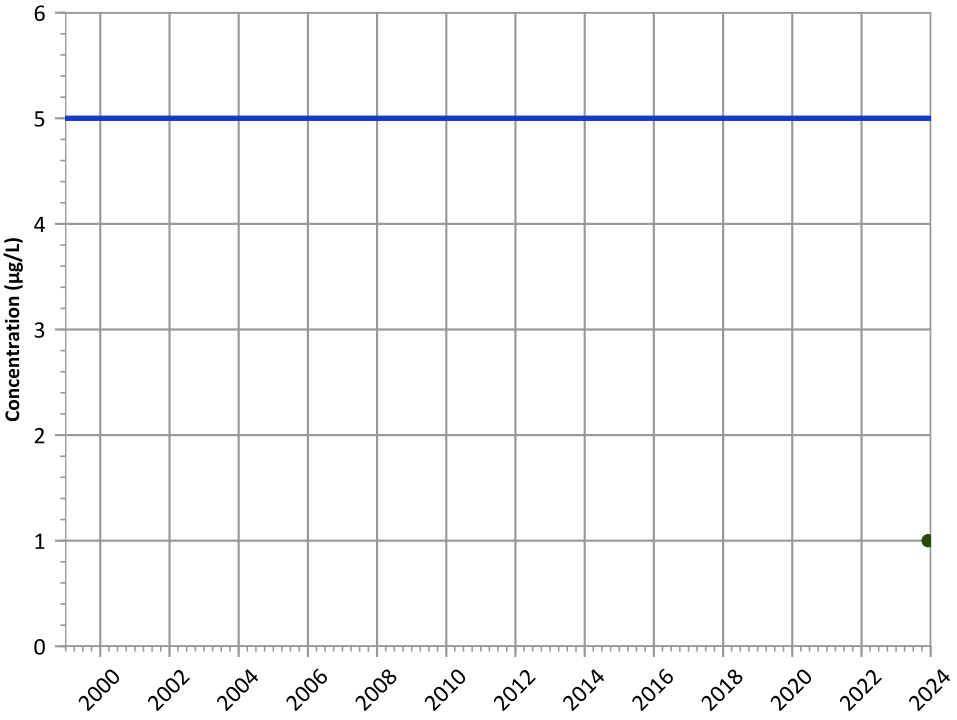
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

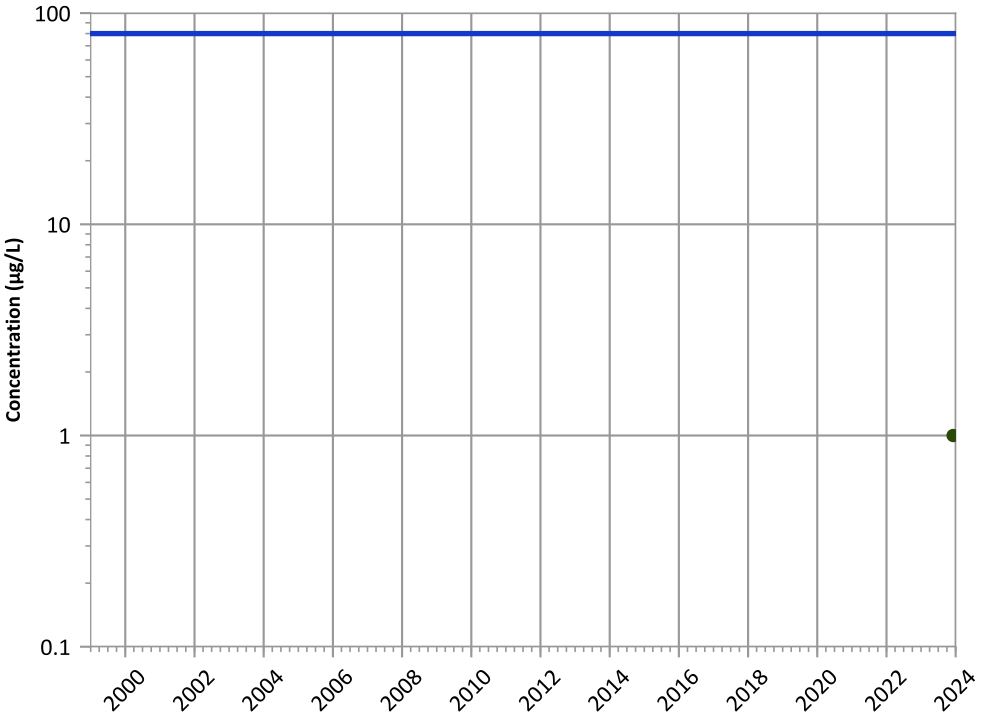


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Chloroform Trend



Concentration Trend

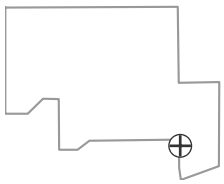
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

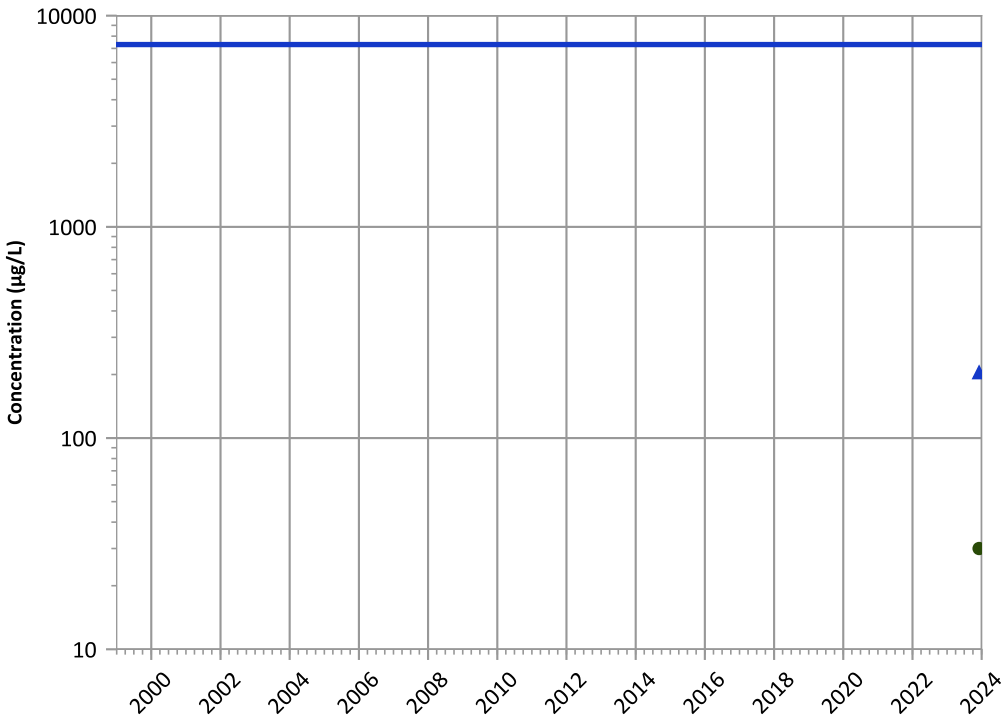
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

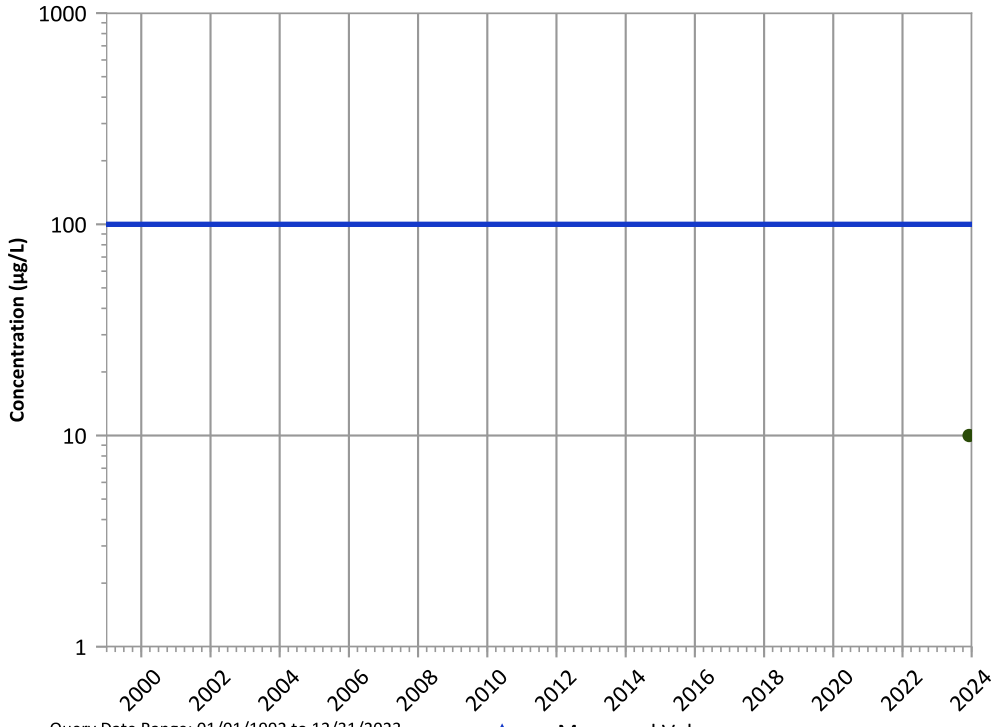


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

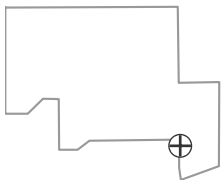
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

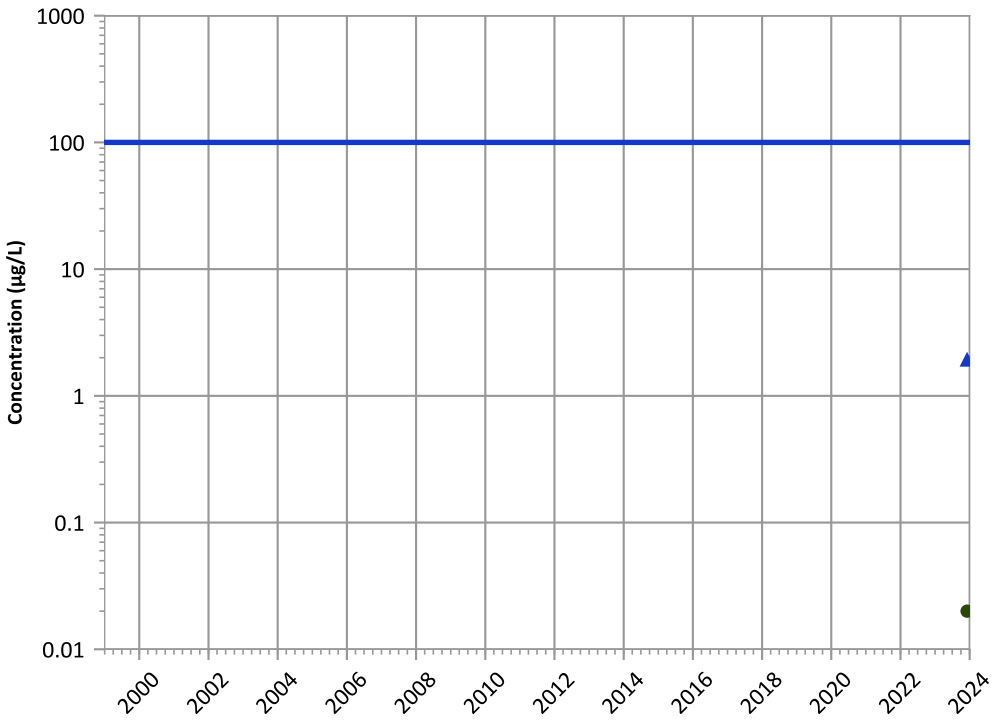
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

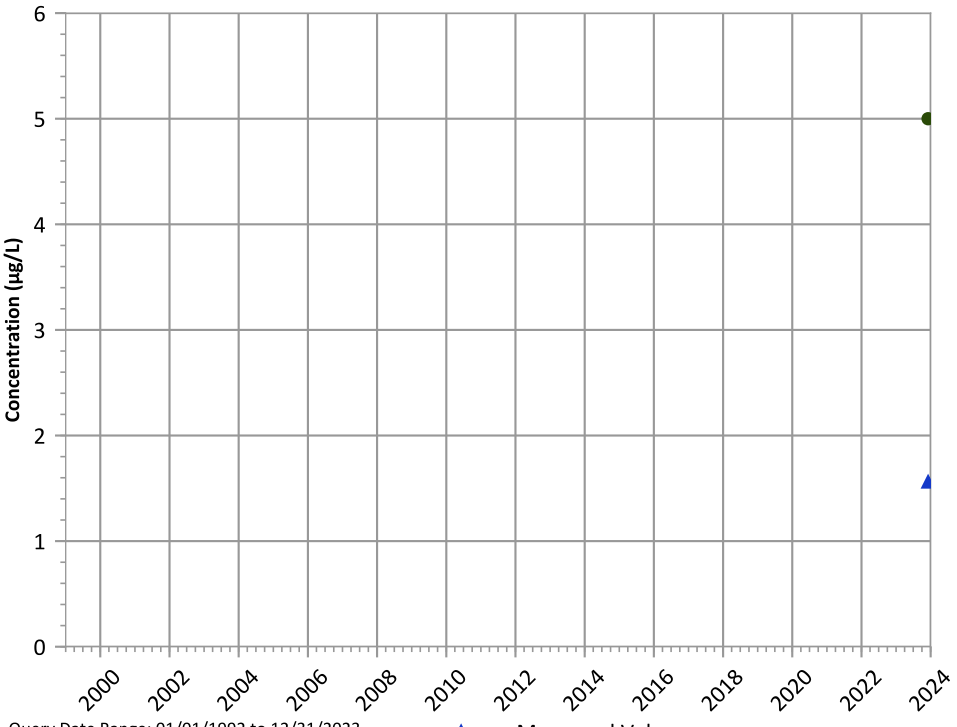


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

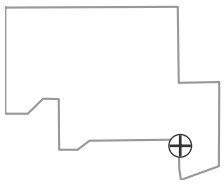
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

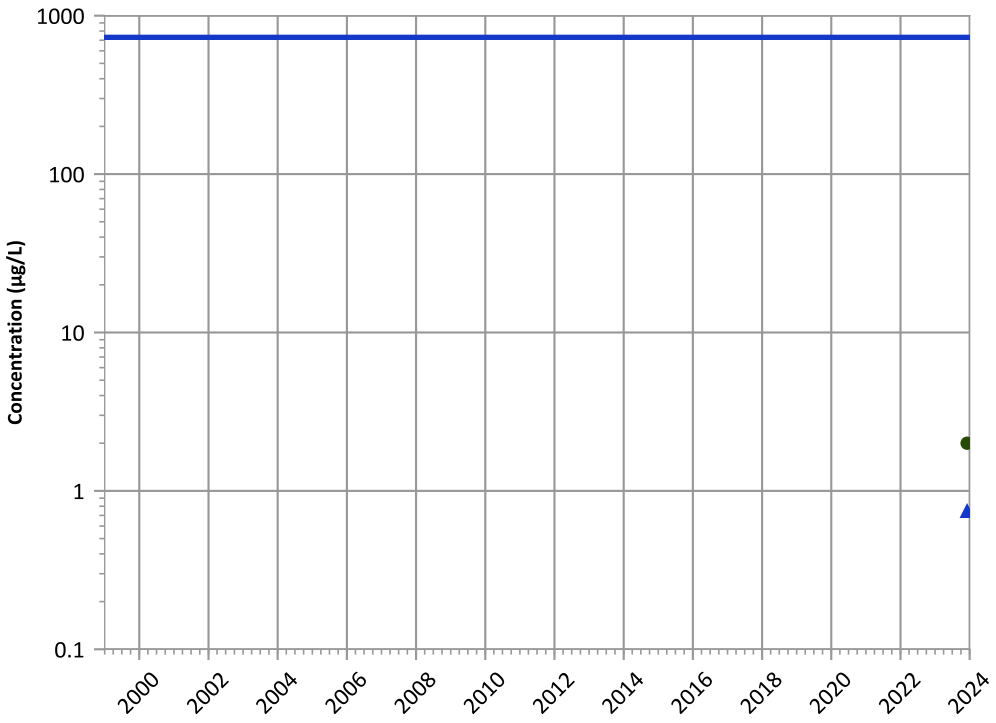
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

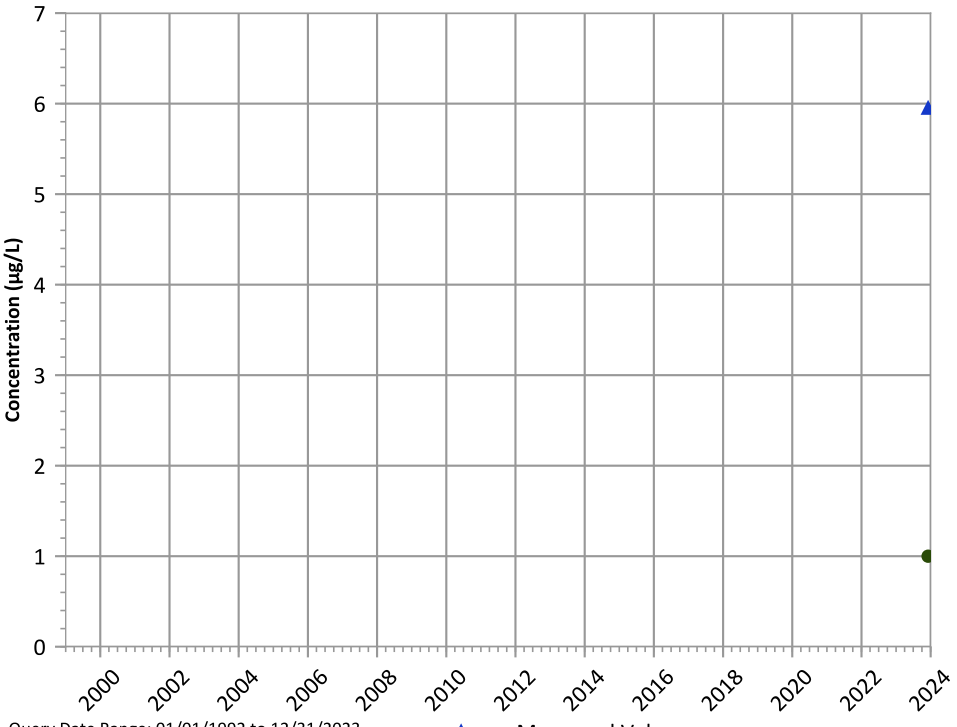


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Molybdenum Trend

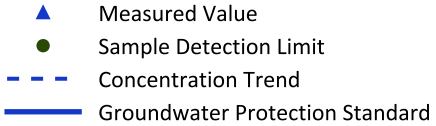


Concentration Trend

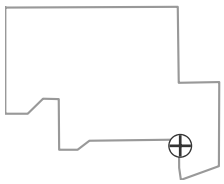
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

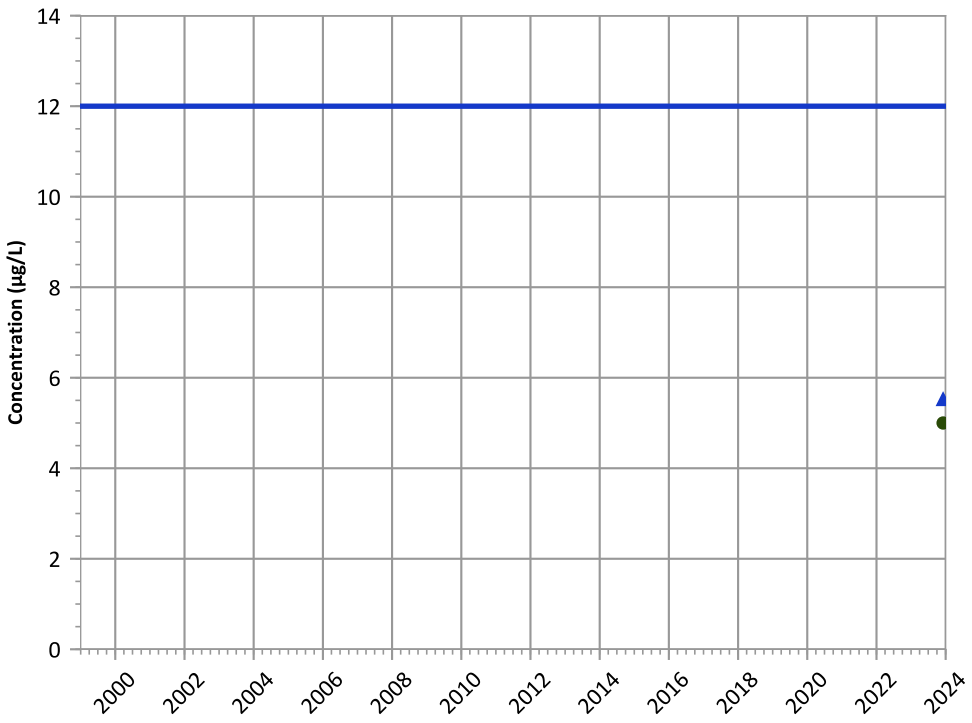


Well Location



PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

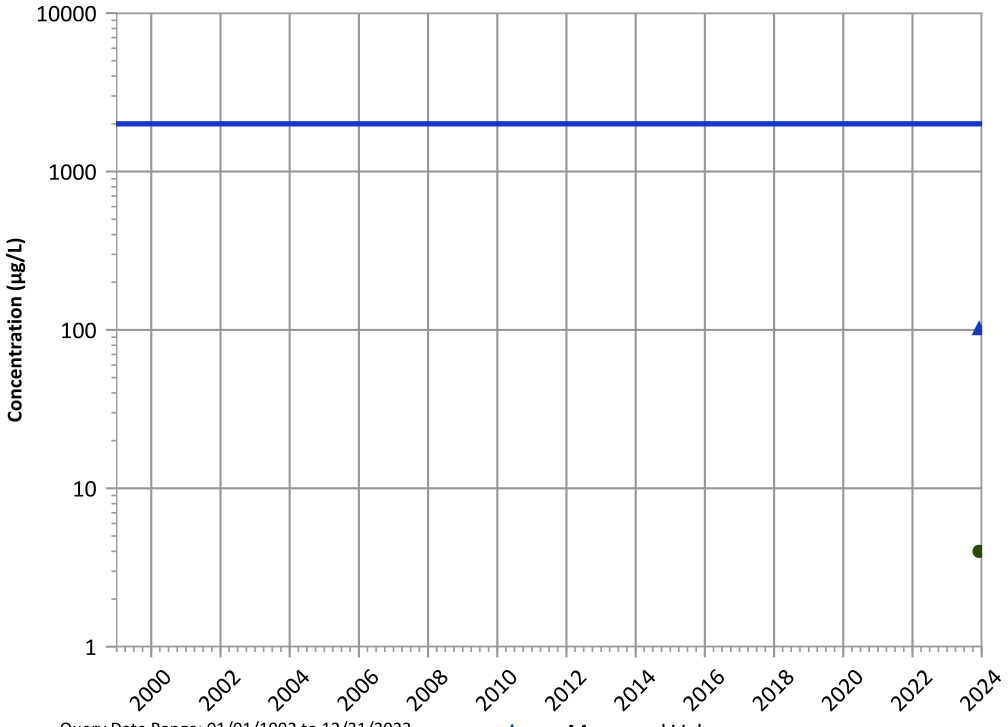


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Barium Trend

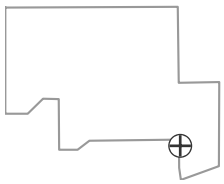


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Well Location

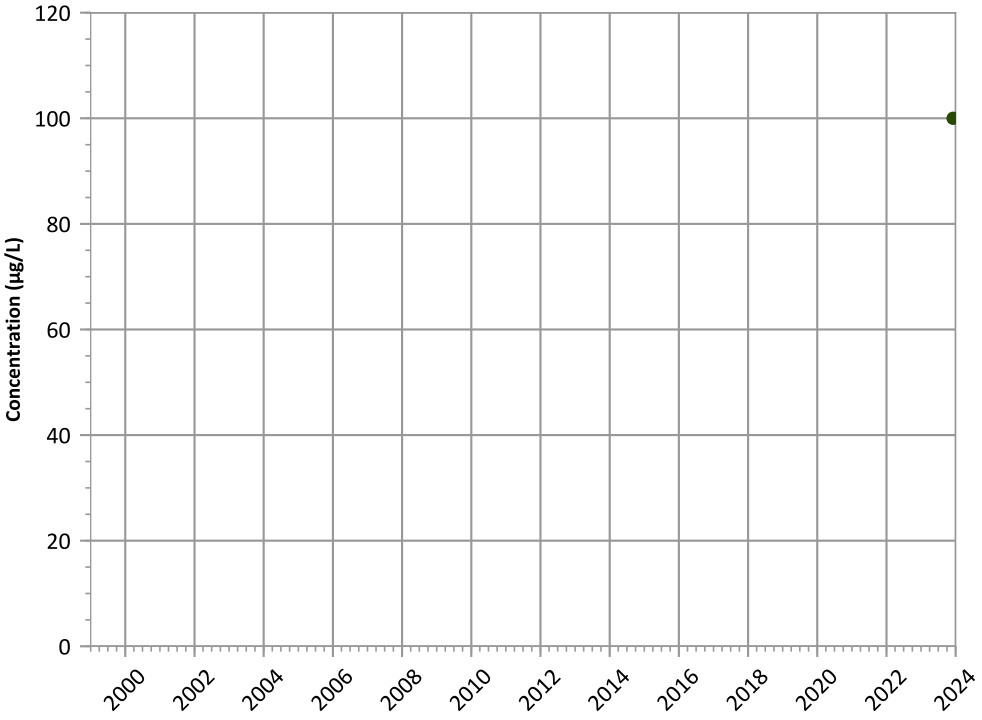


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

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

PTX06-1224 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

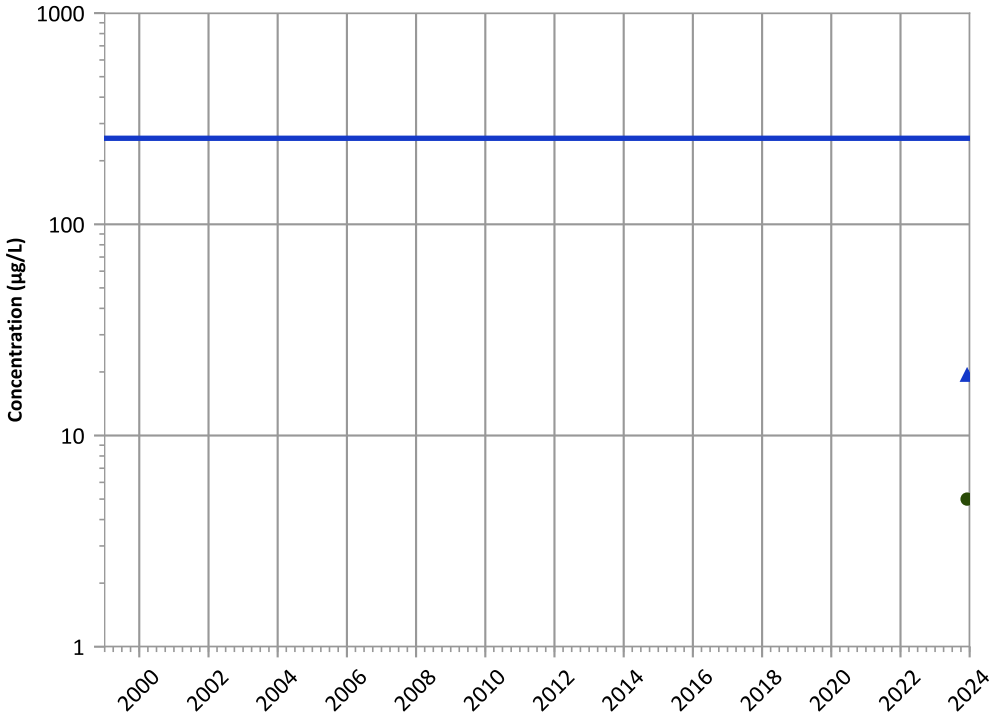


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Vanadium Trend



Concentration Trend

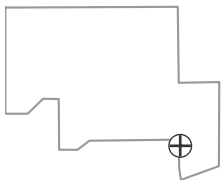
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

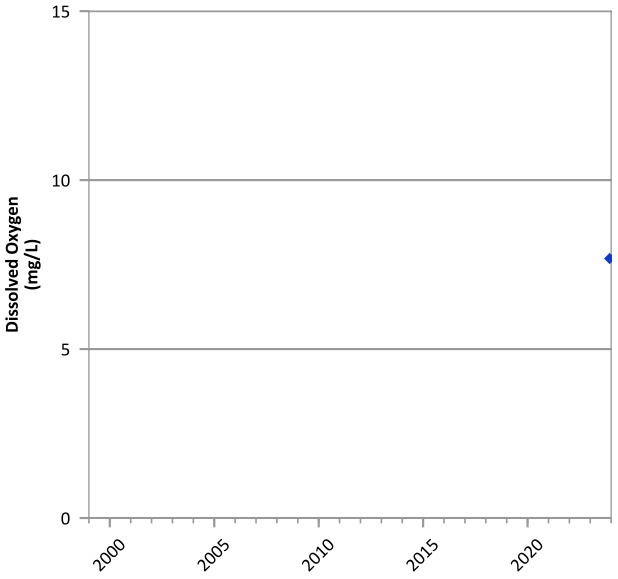
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/05/2023 to 12/05/2023
Analysis Date: 03/29/2024

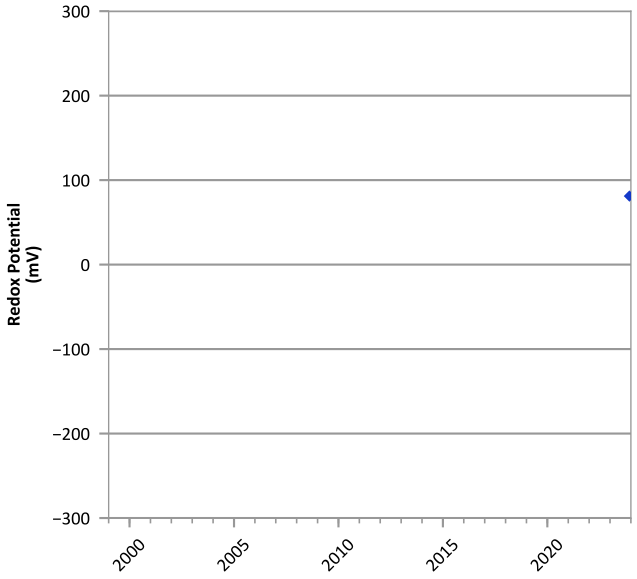
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

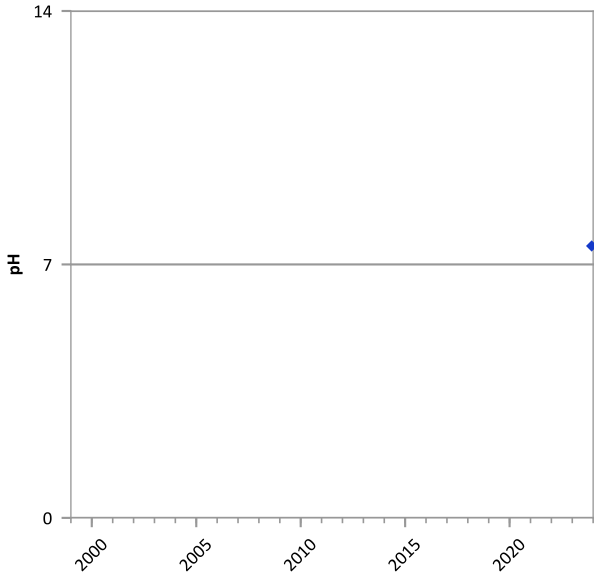
Well Location

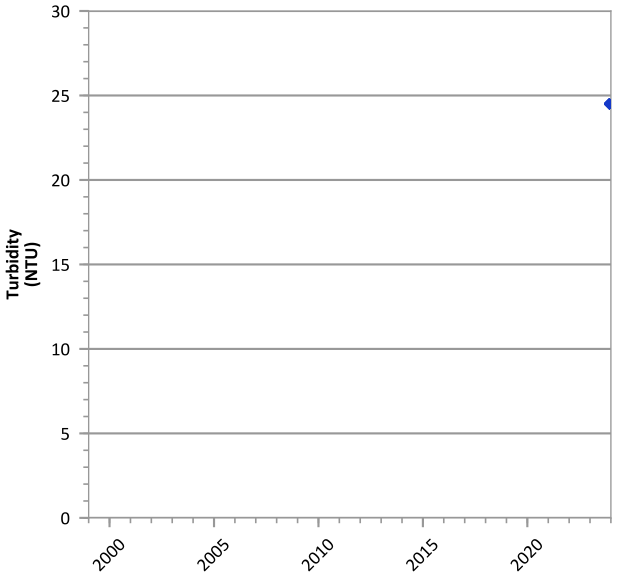


PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

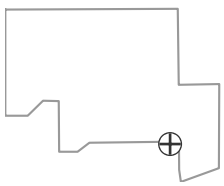






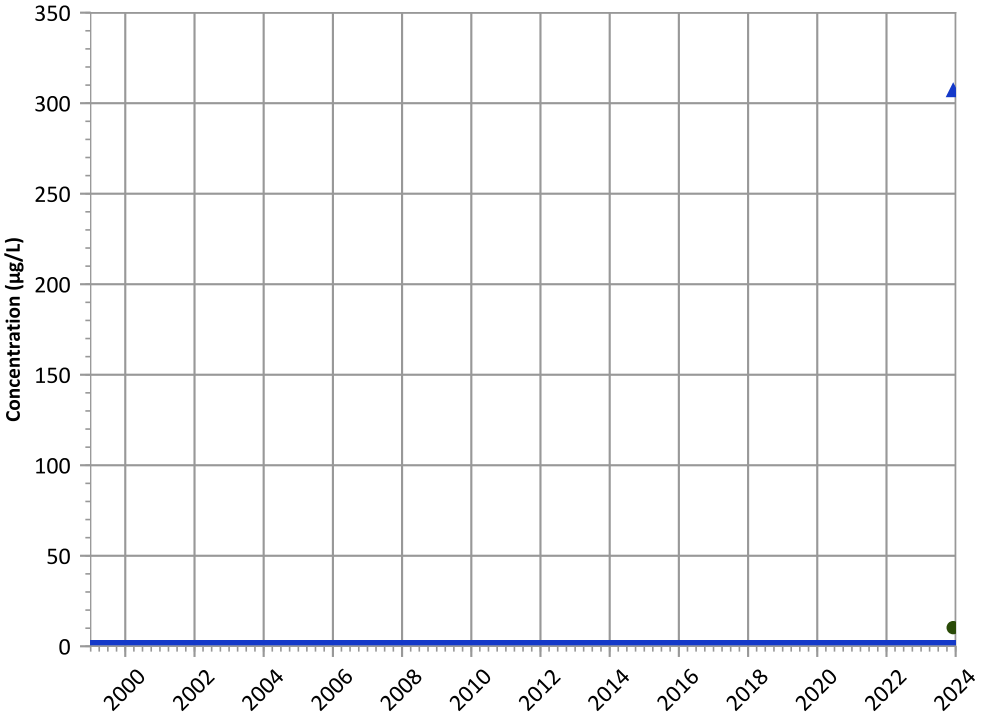


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

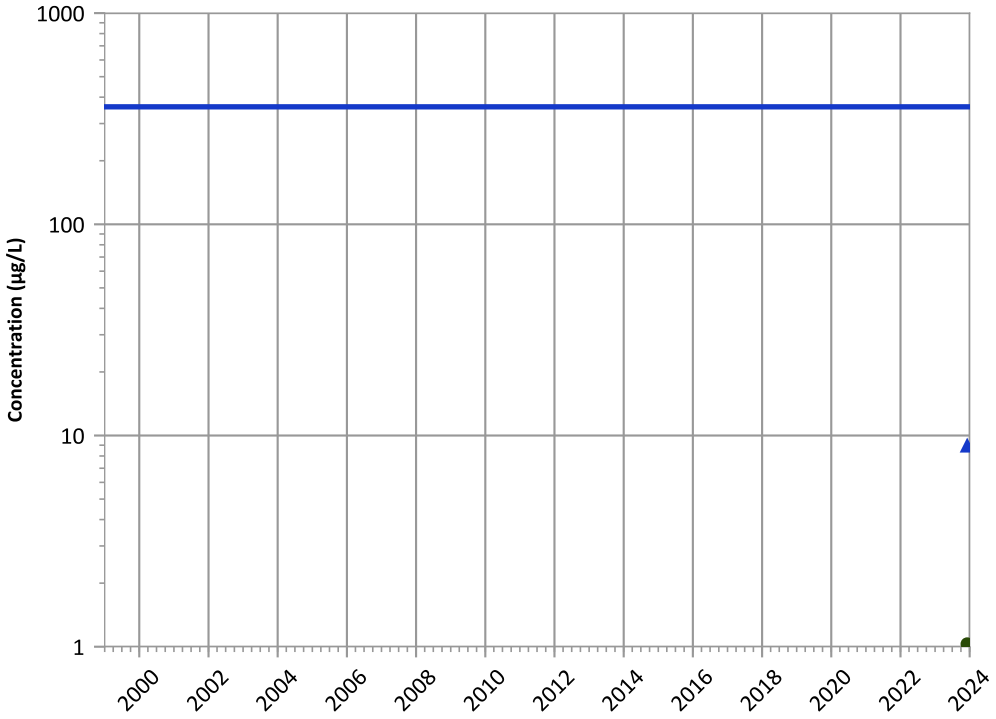


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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

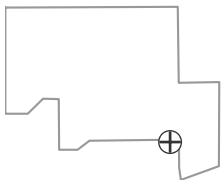


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Well Location

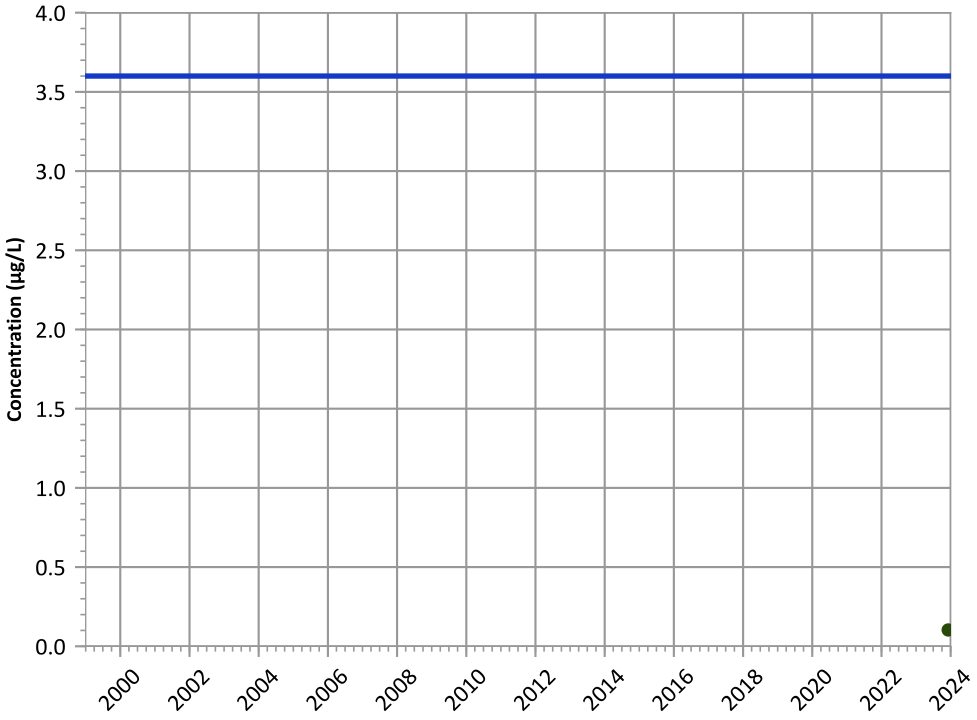


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

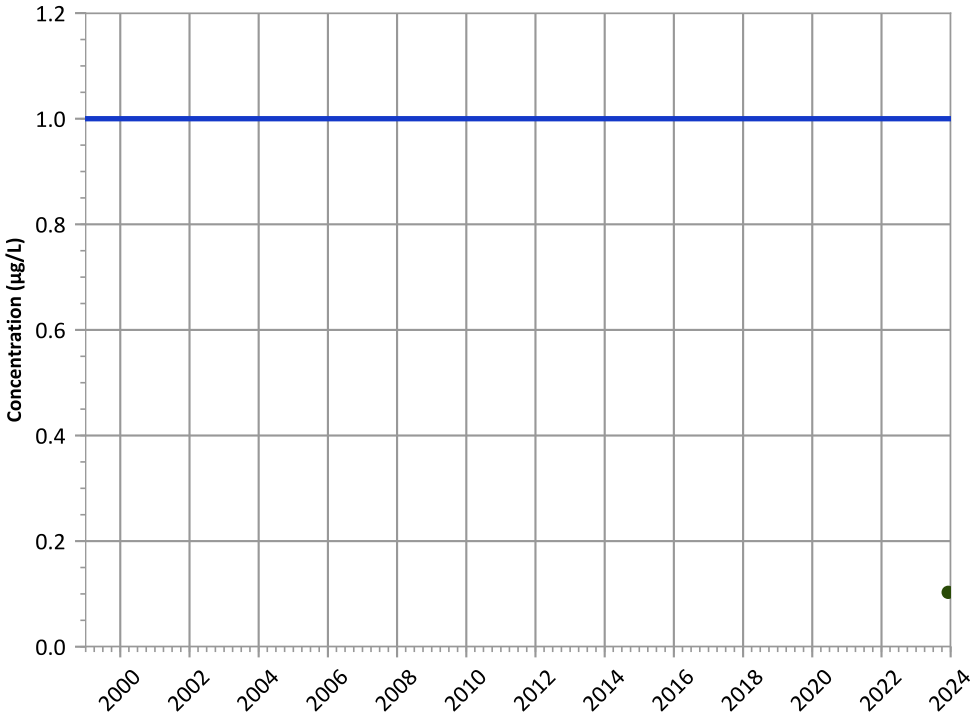


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

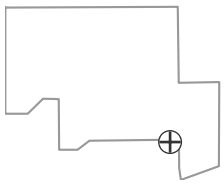
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

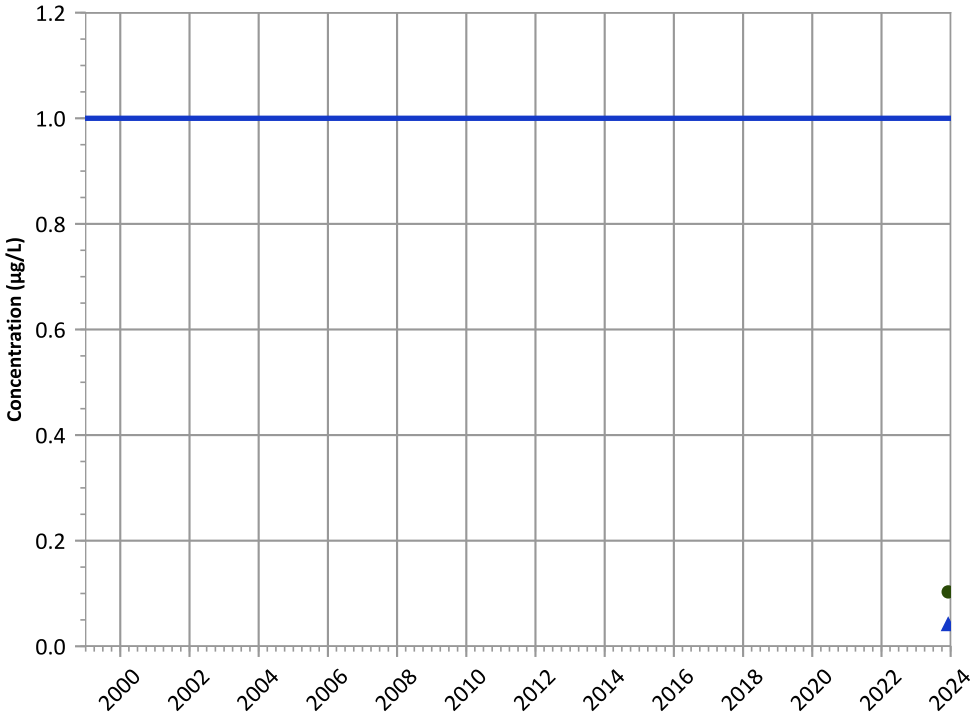
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
——— Groundwater Protection Standard

Well Location



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

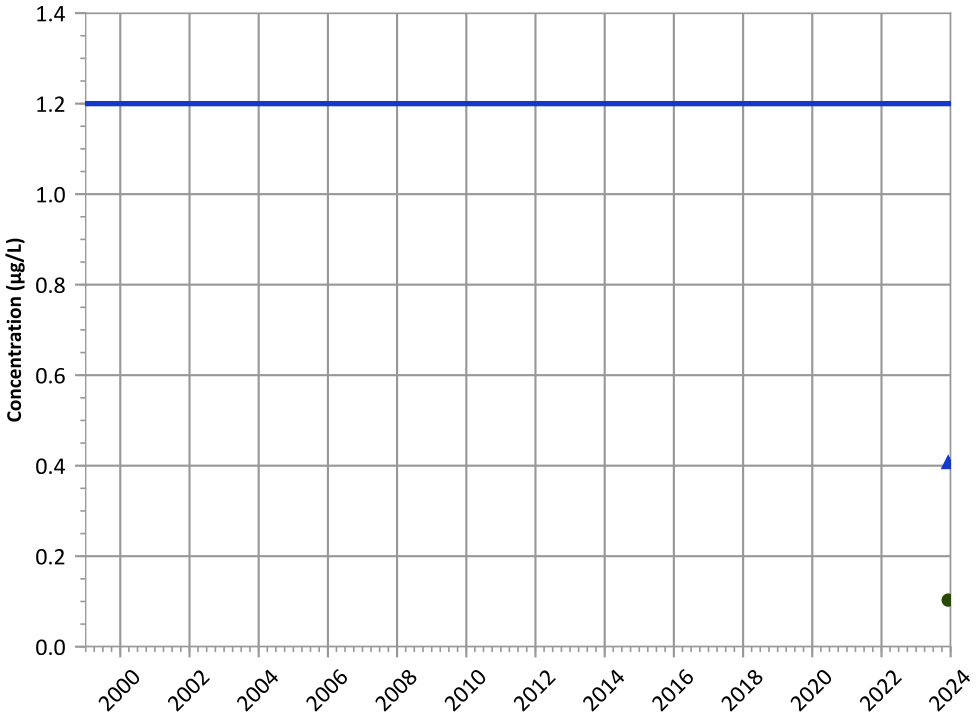


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend

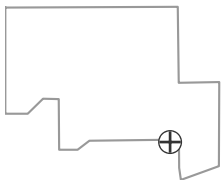


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Well Location

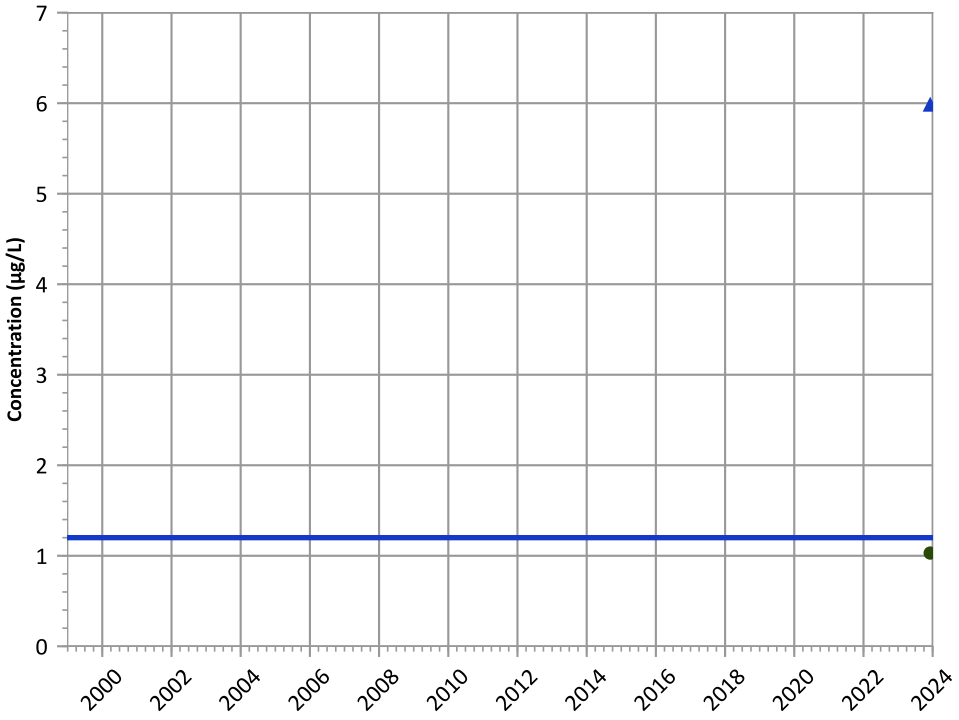


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

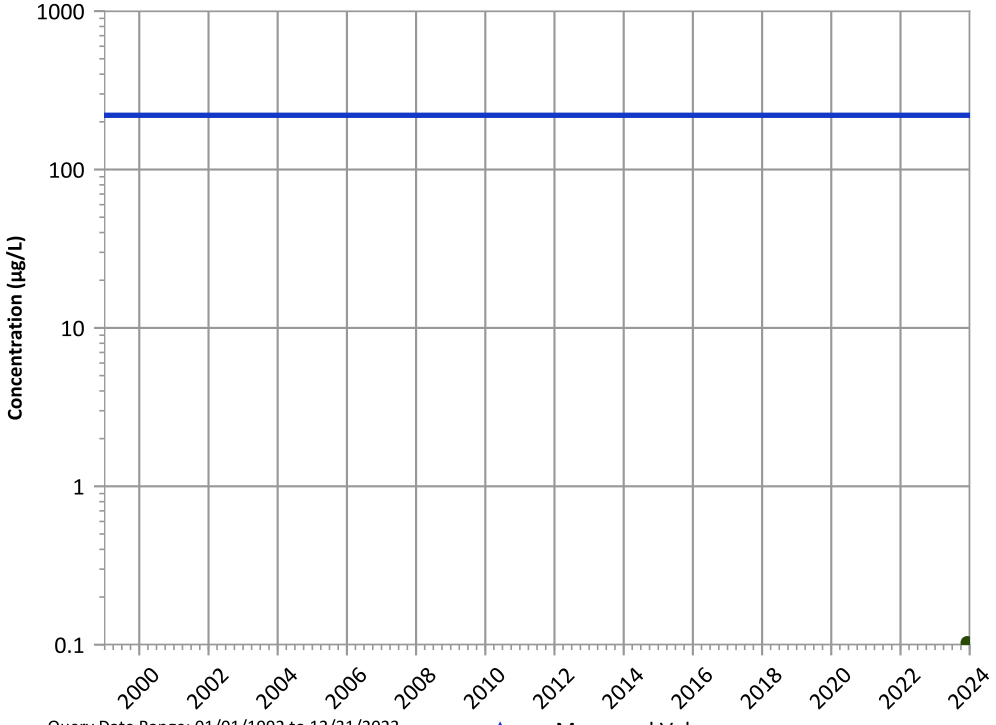


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend

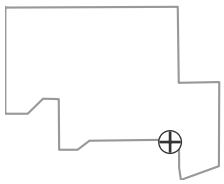


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

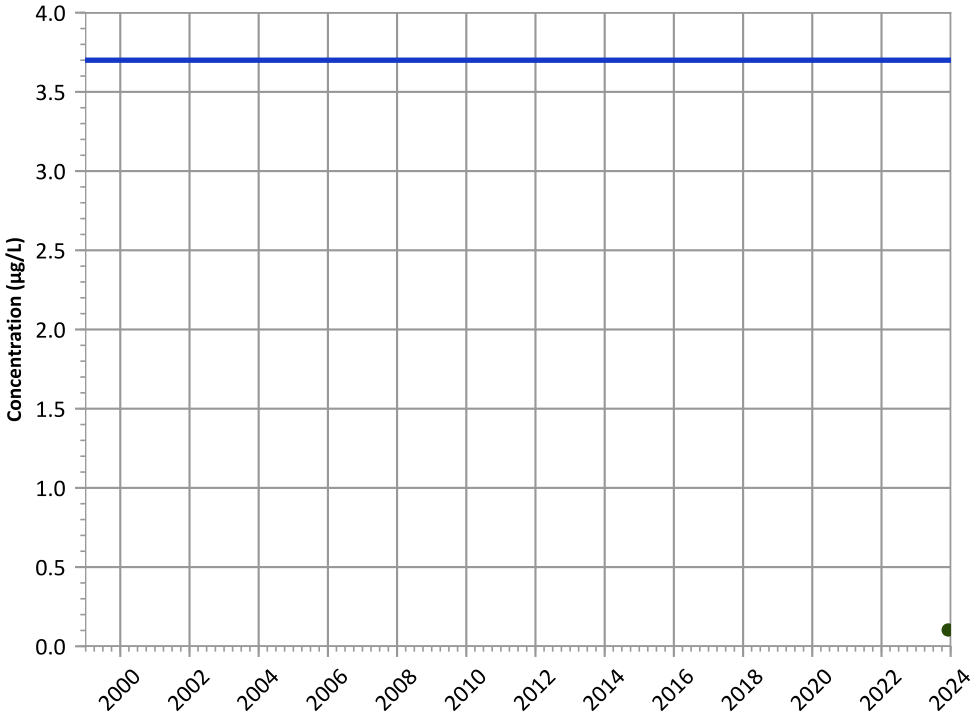


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

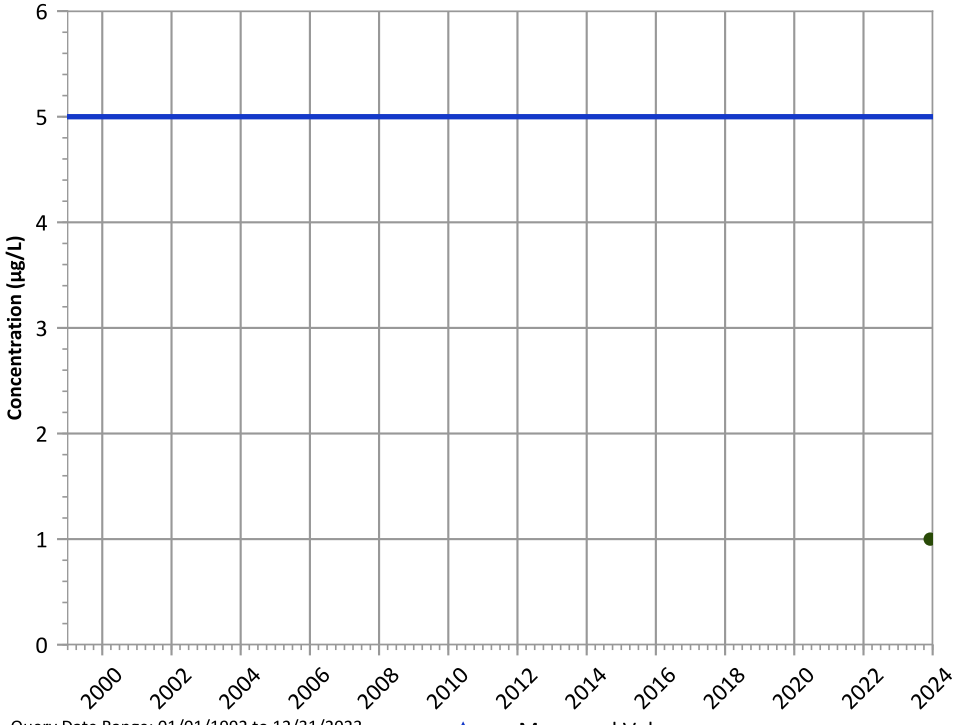


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Tetrachloroethylene (PCE) Trend

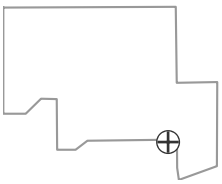


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

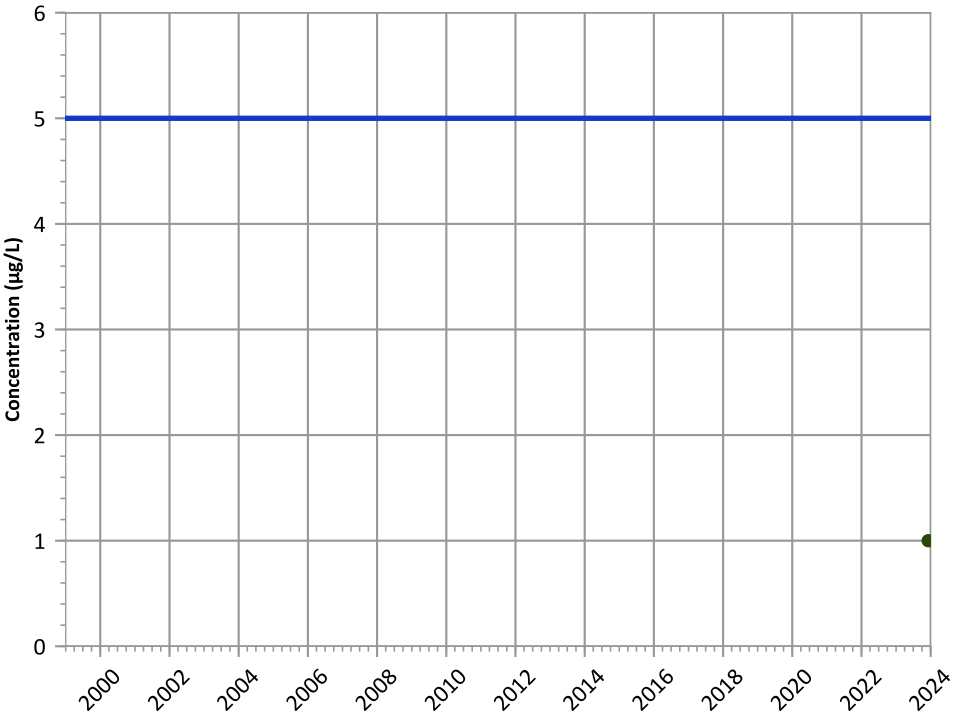


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

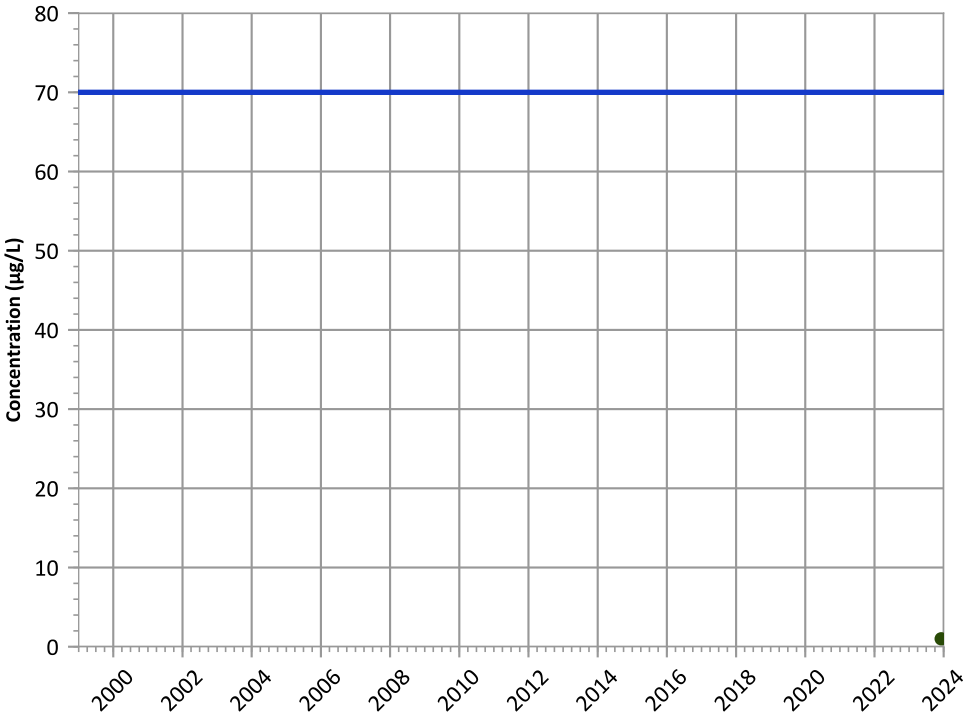


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

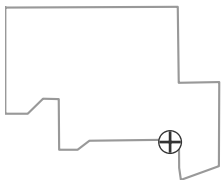
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

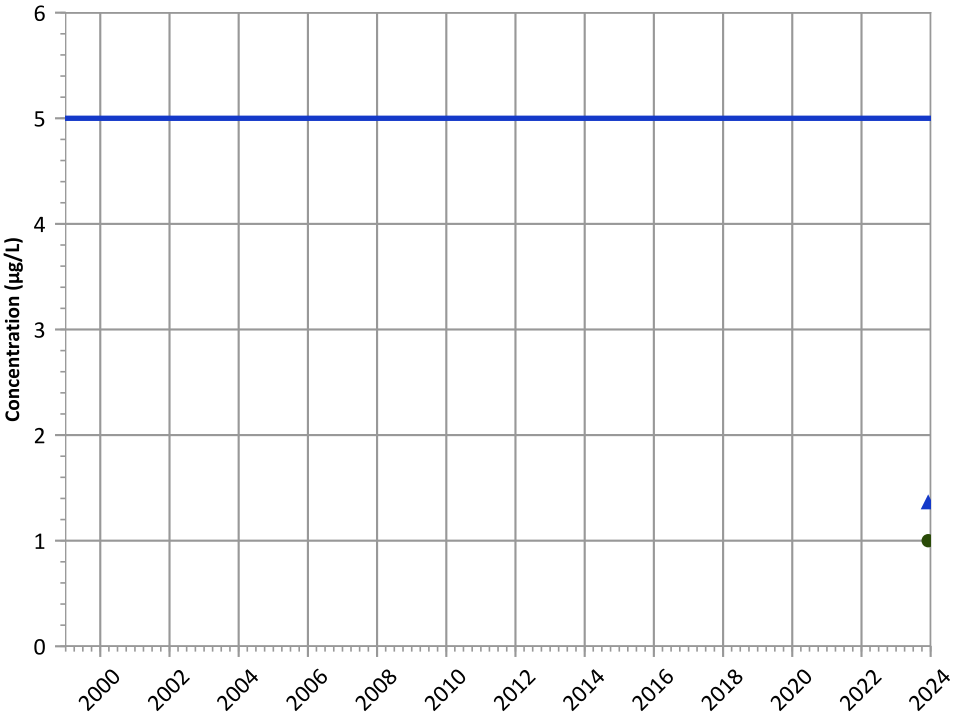
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

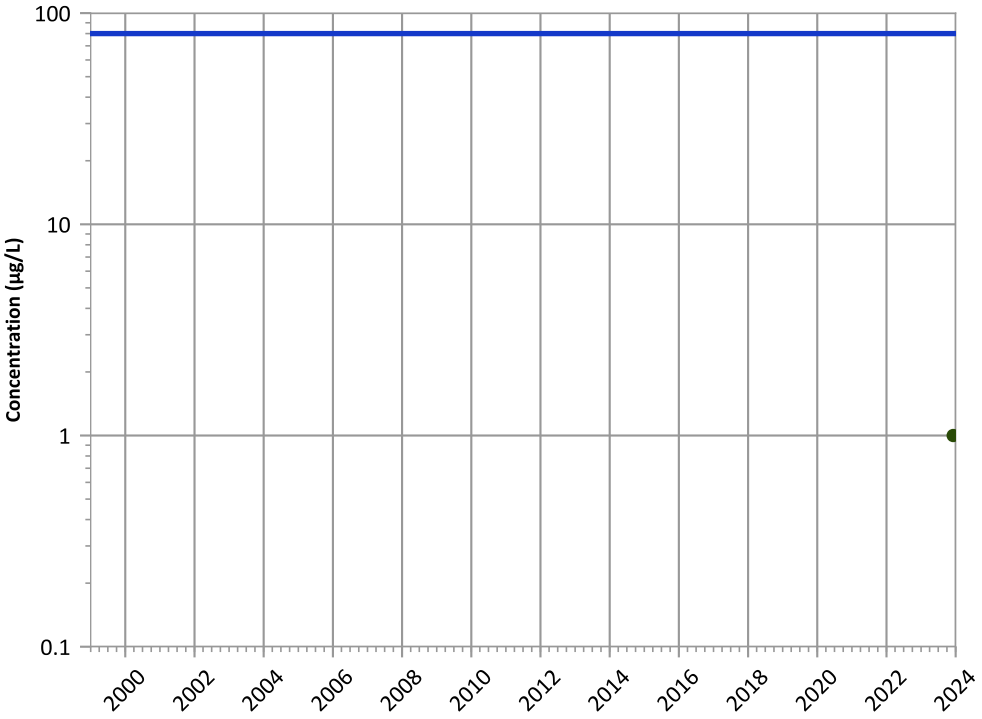


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chloroform Trend

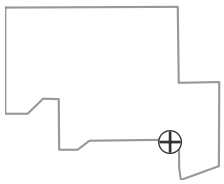


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

Well Location

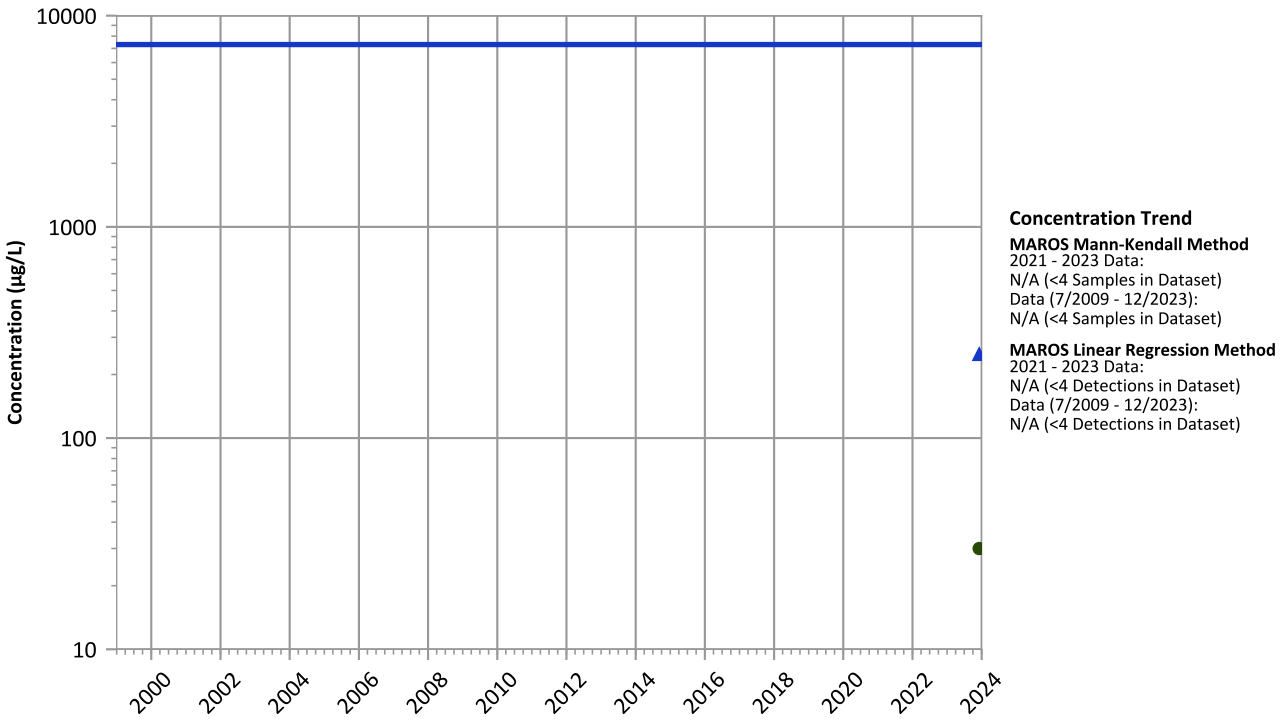


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

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

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

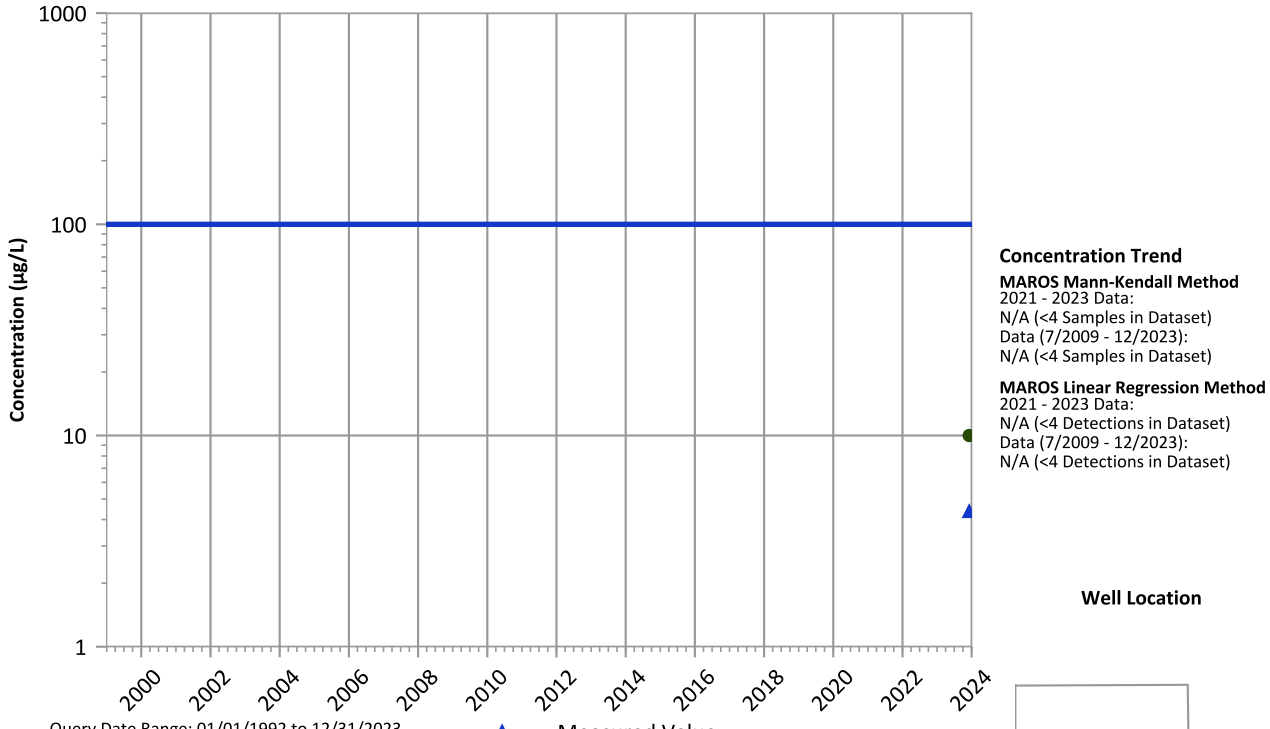


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Chromium, Total Trend

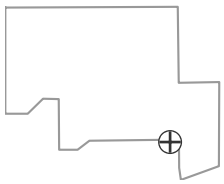


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Well Location

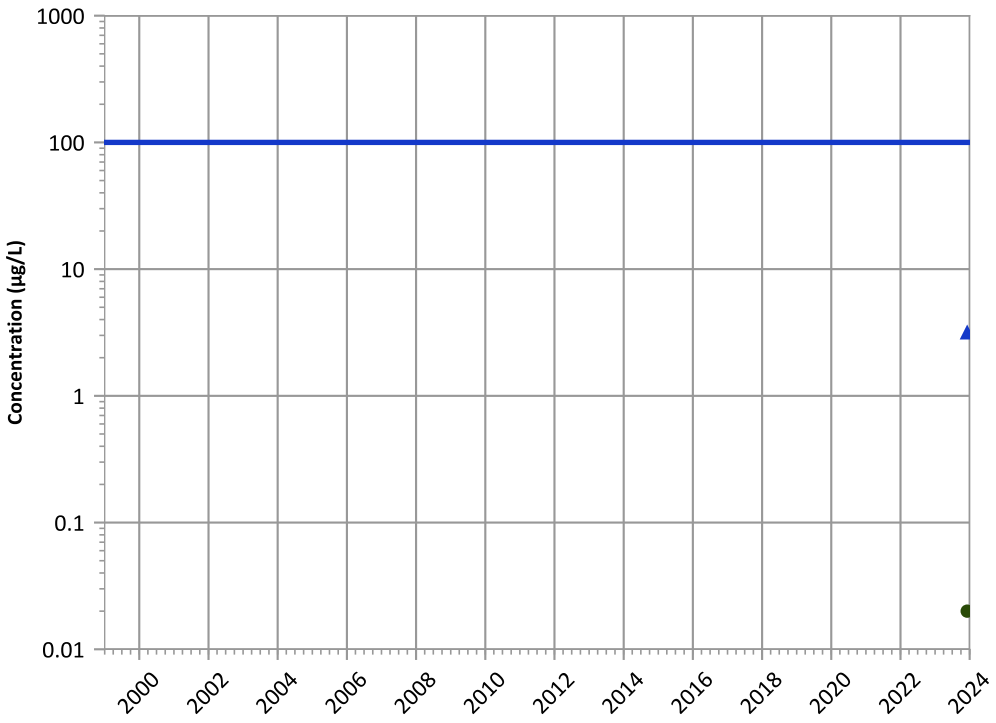


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

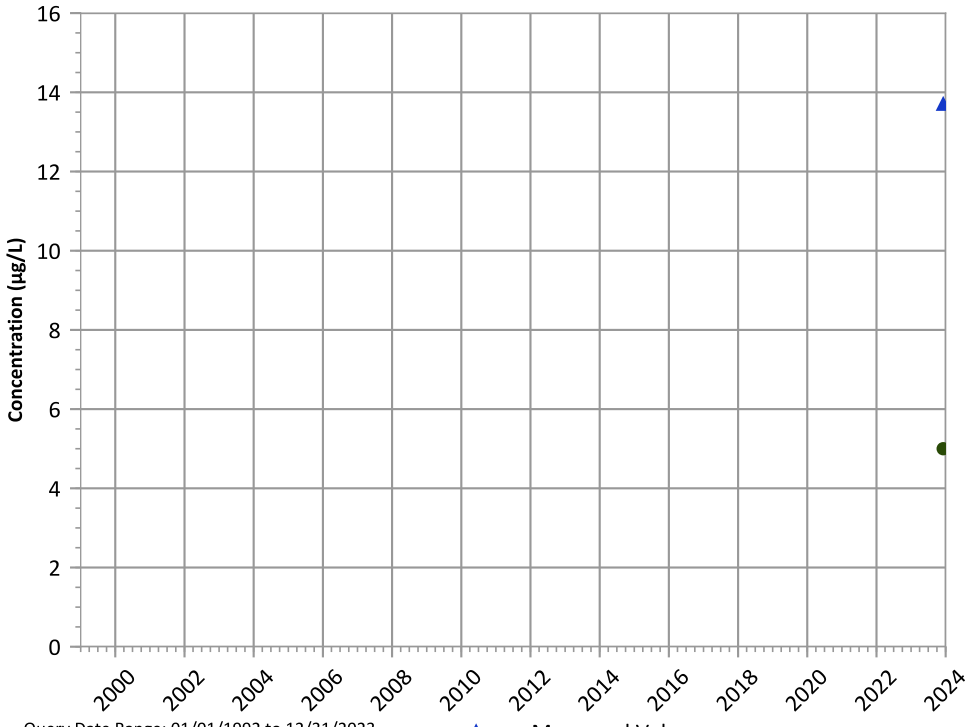


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

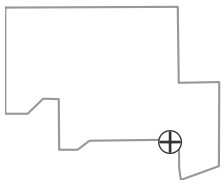
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

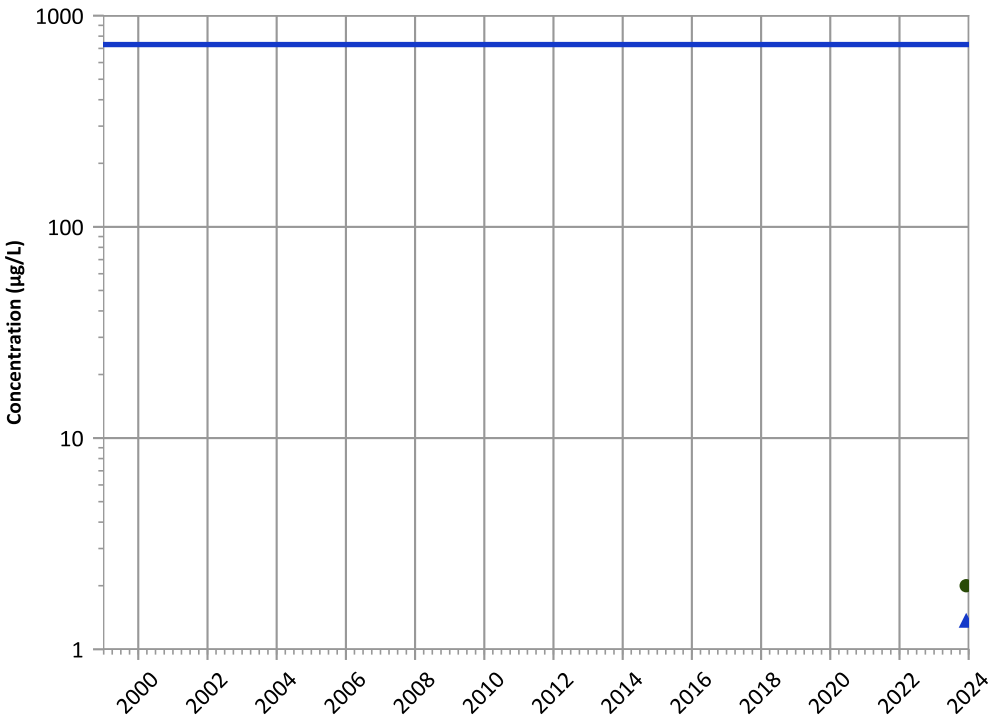
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

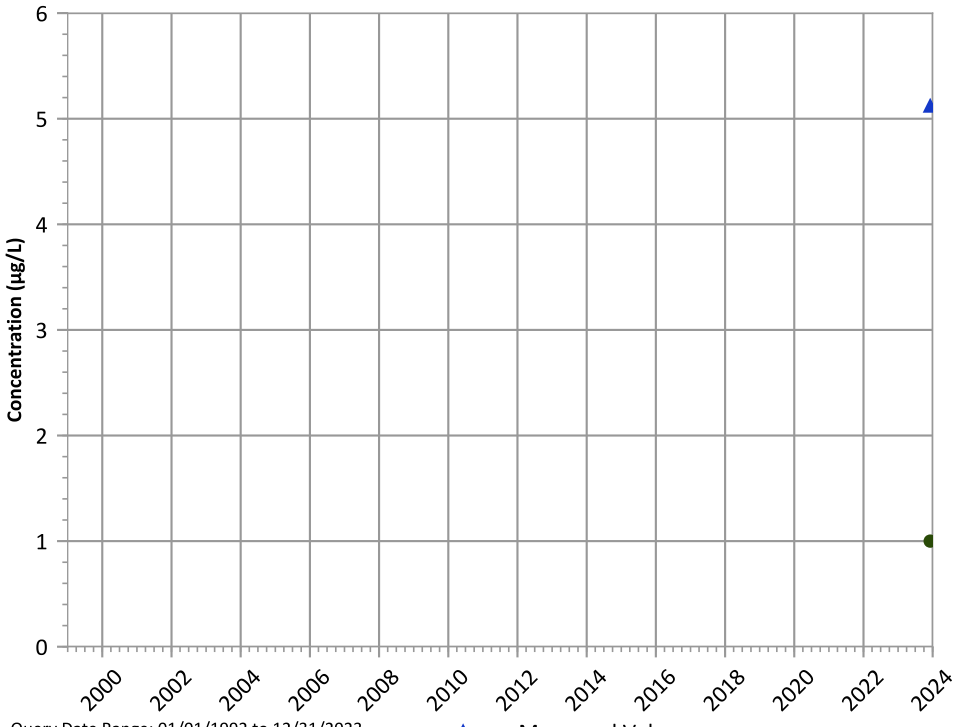


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

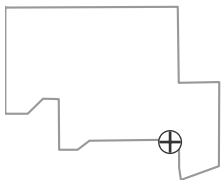
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

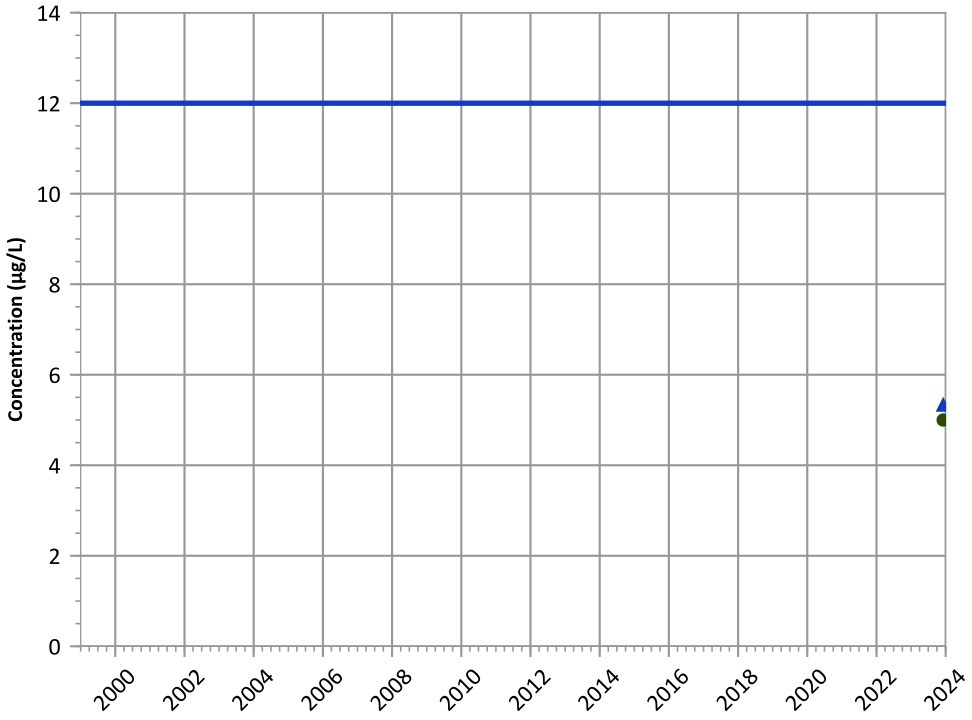
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

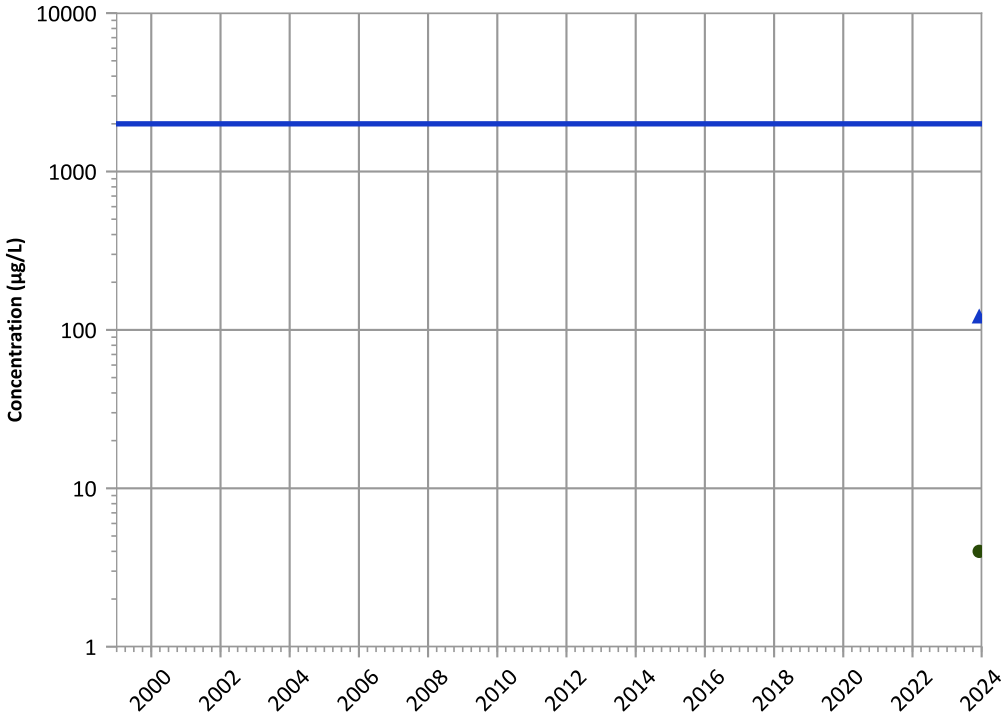


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

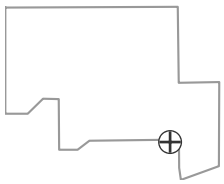
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

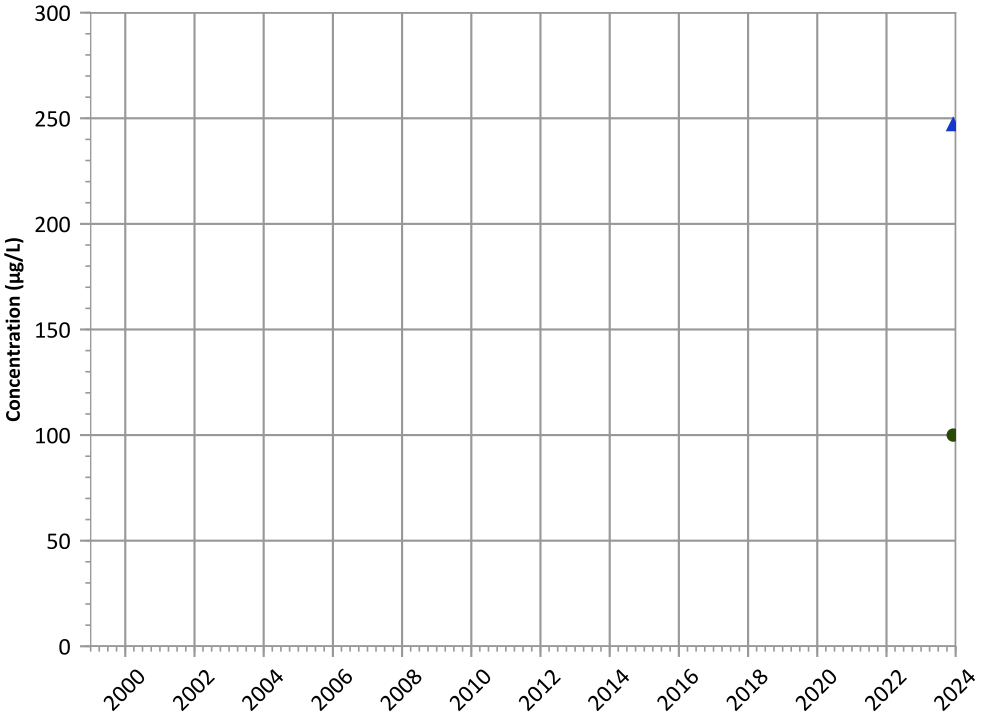
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1229 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

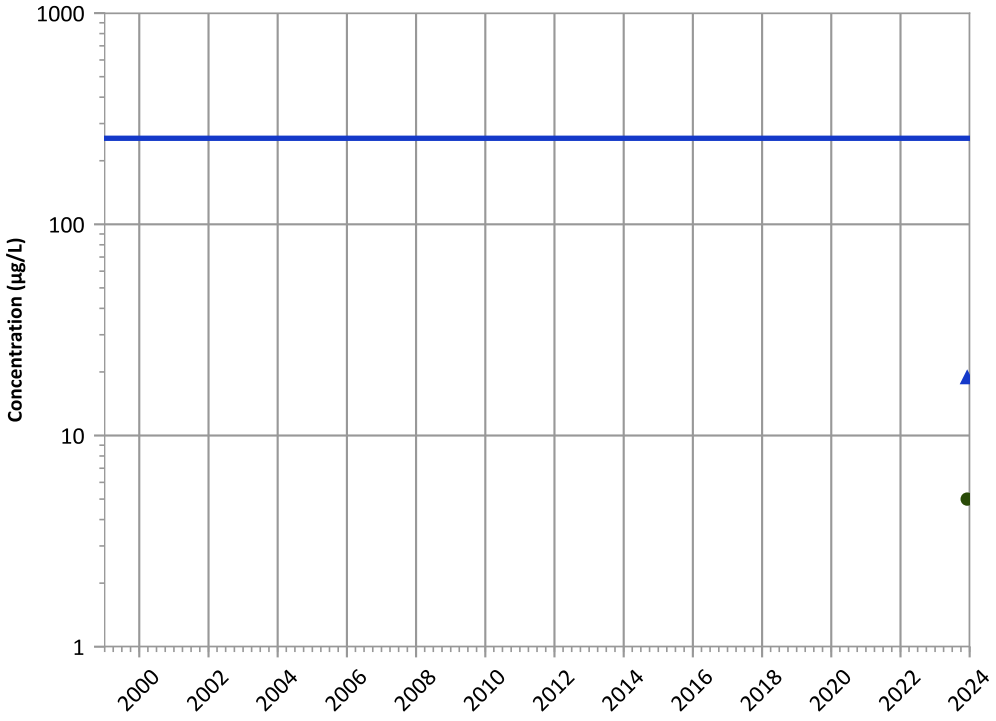


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

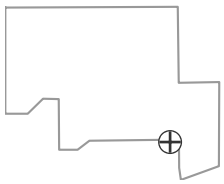
MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Samples in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

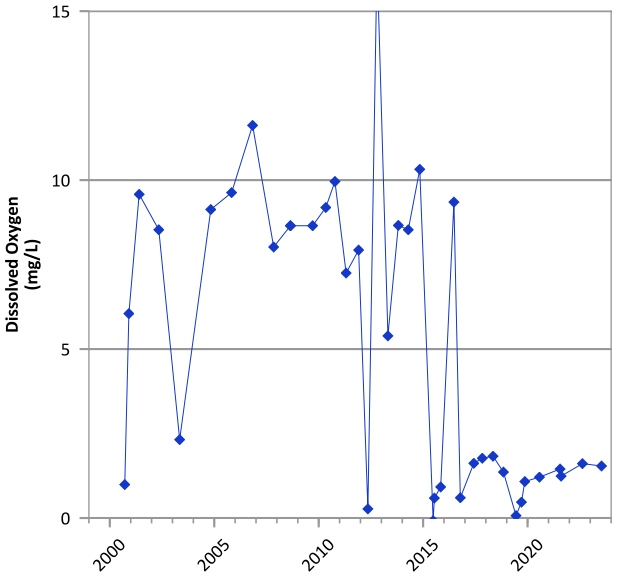
Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 12/06/2023 to 12/06/2023
Analysis Date: 03/29/2024

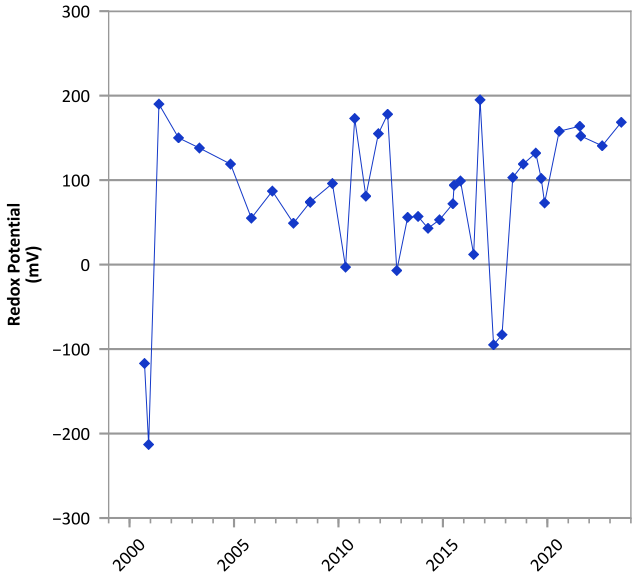
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

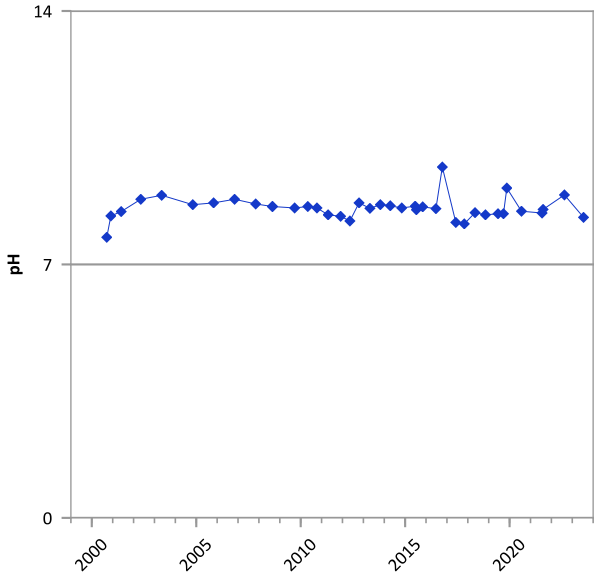
Well Location

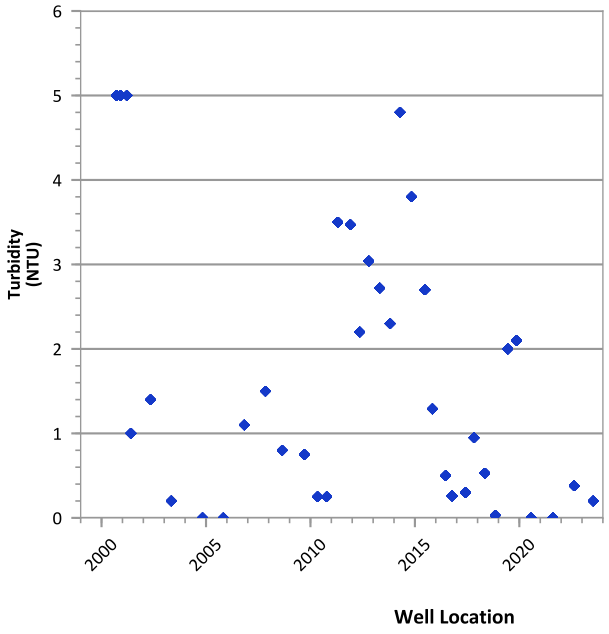


PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

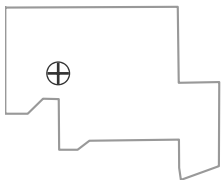






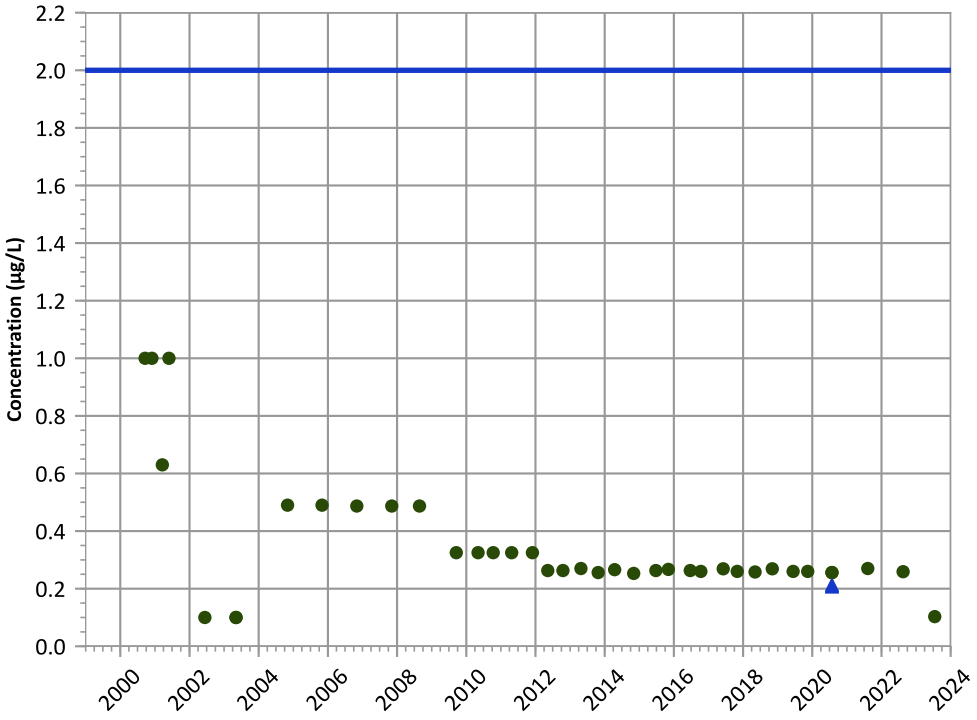


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

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

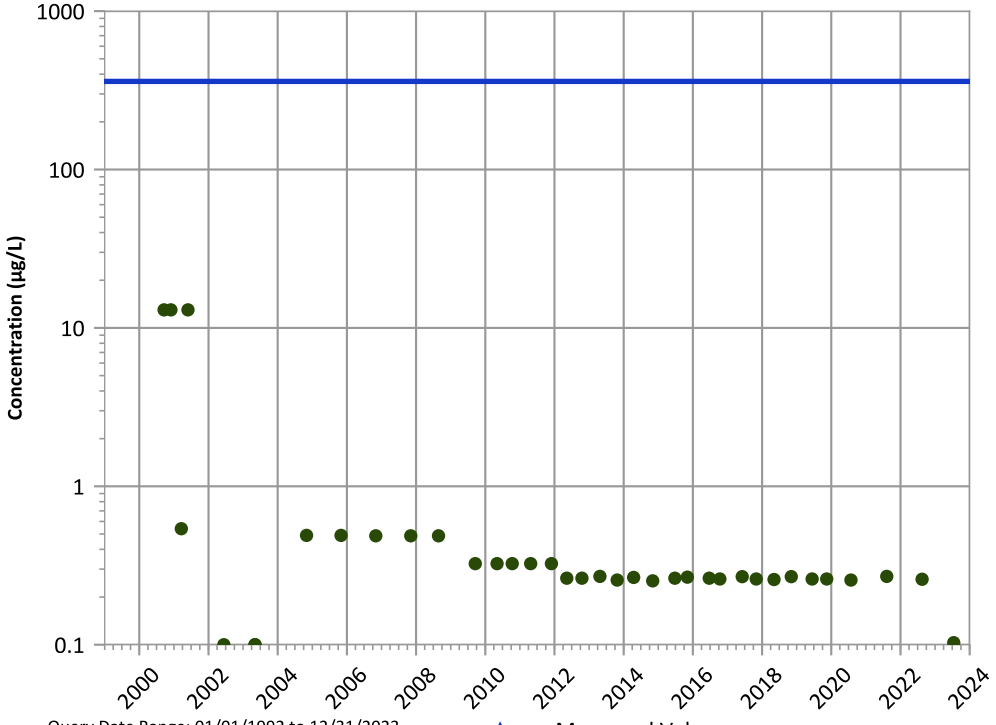


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

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



Concentration Trend

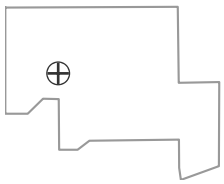
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

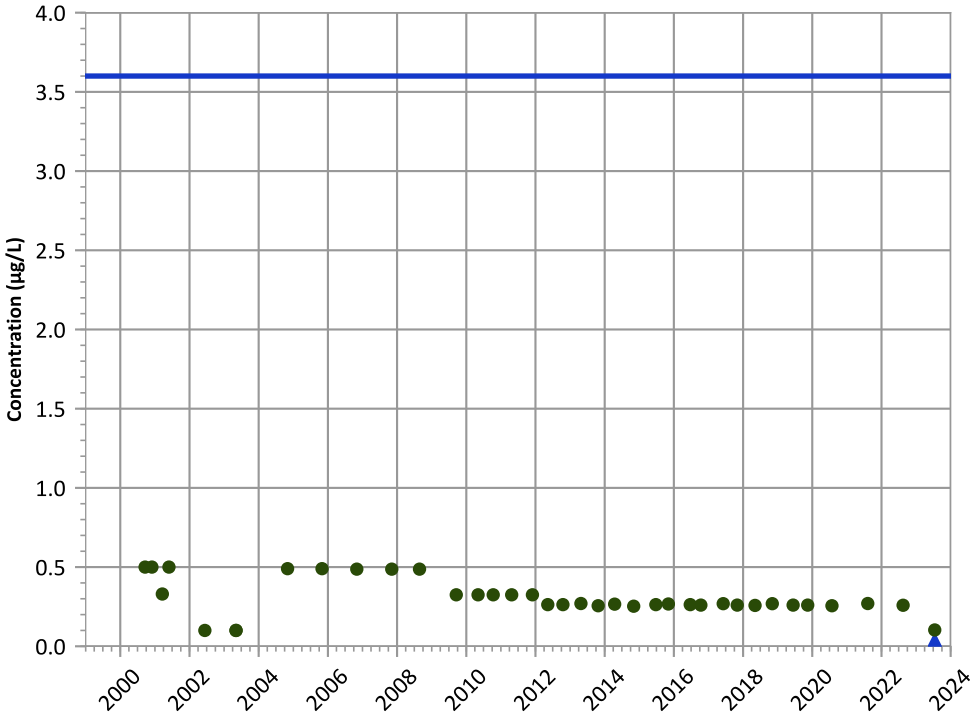
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

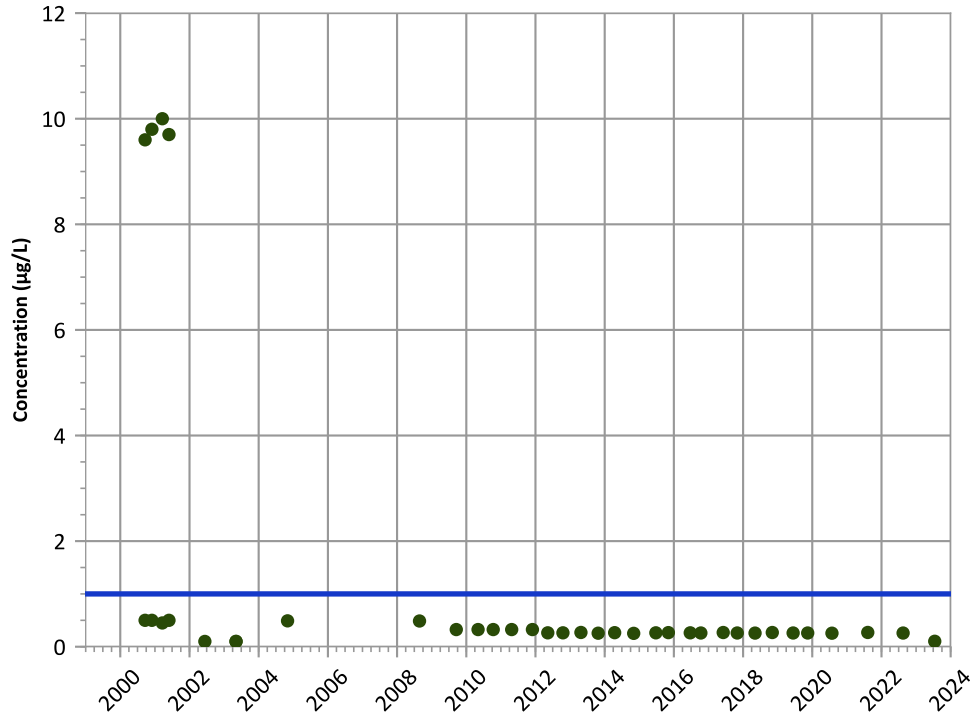


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

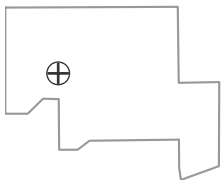
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

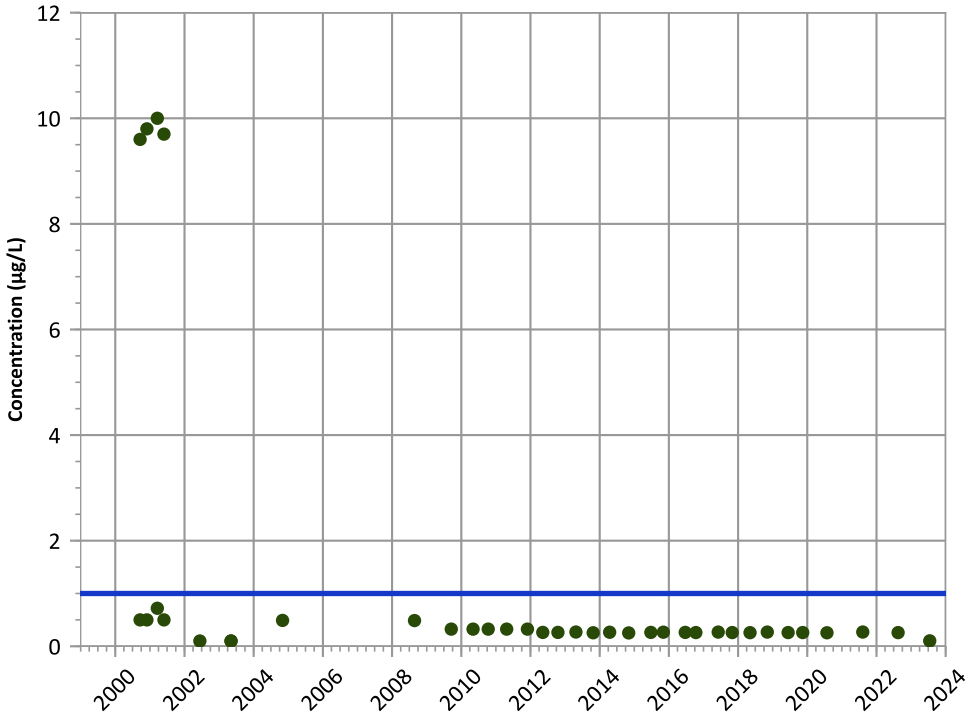
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

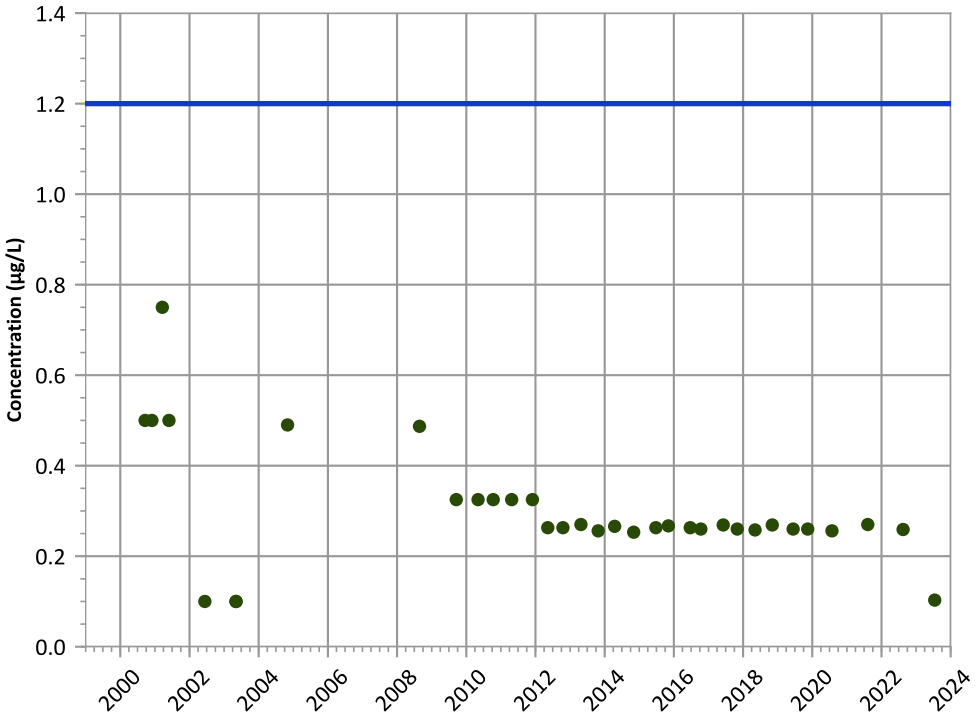
2,6-Dinitrotoluene Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



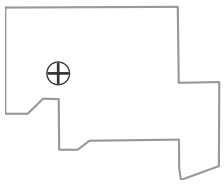
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

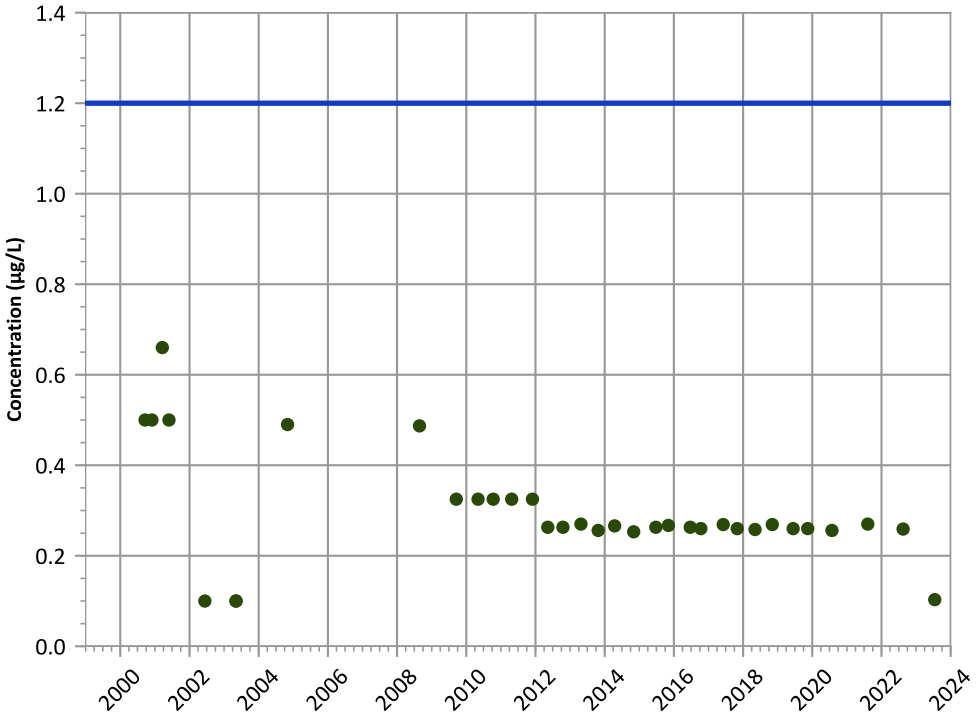
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

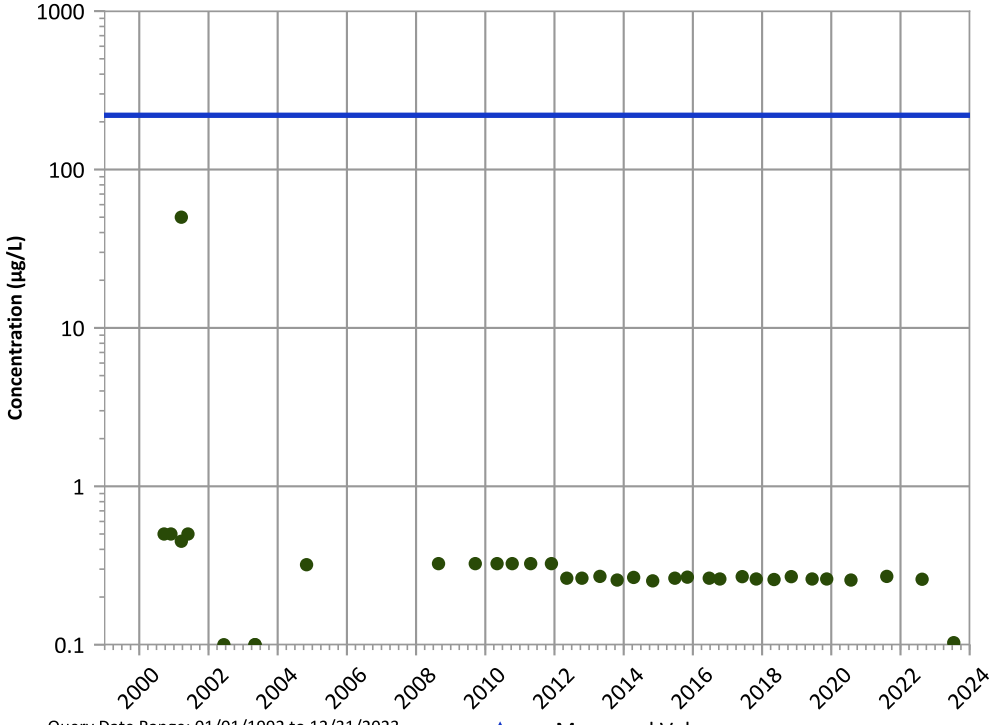


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

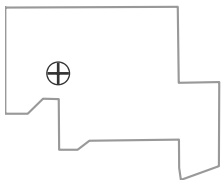
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

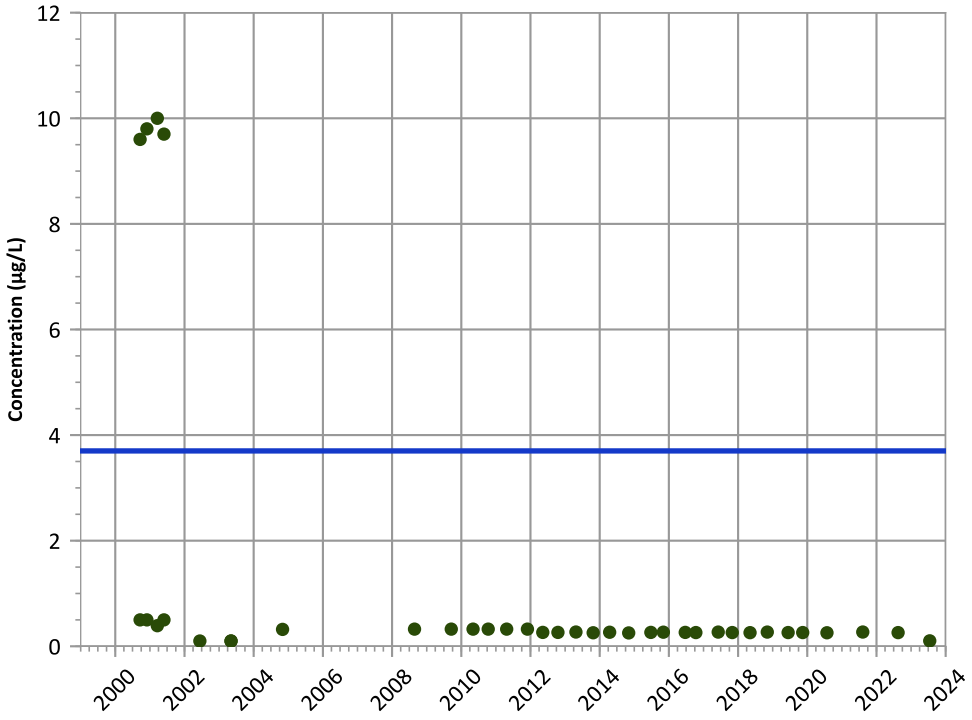
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

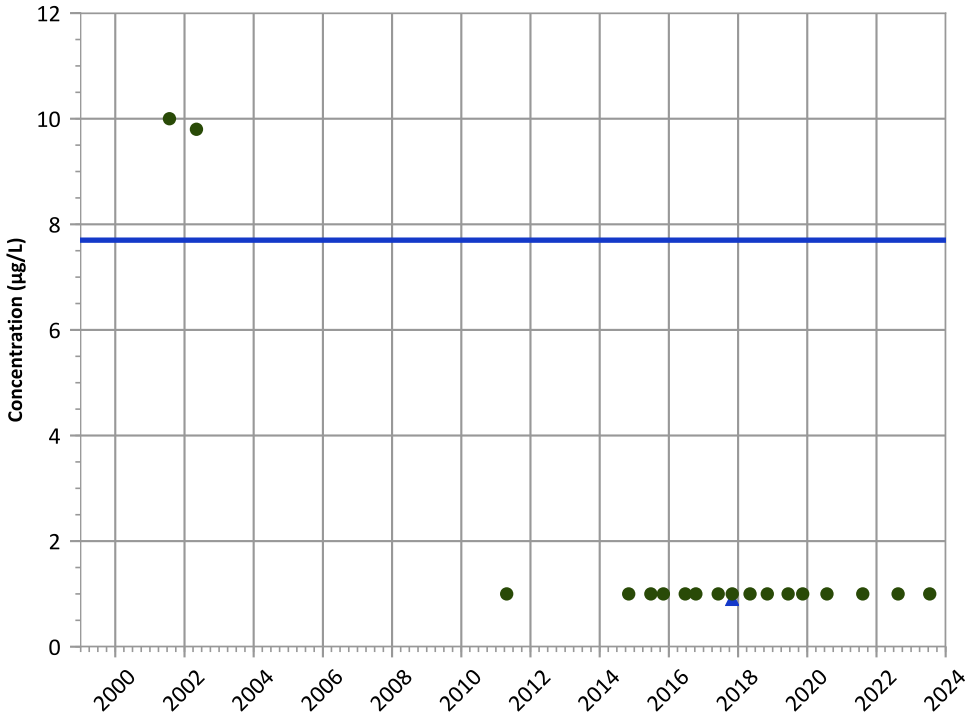


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

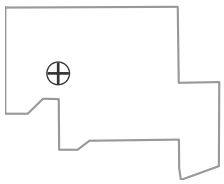
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2021 - 2023 Data:
N/A (<4 Detections in Dataset)
Data (7/2009 - 12/2023):
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

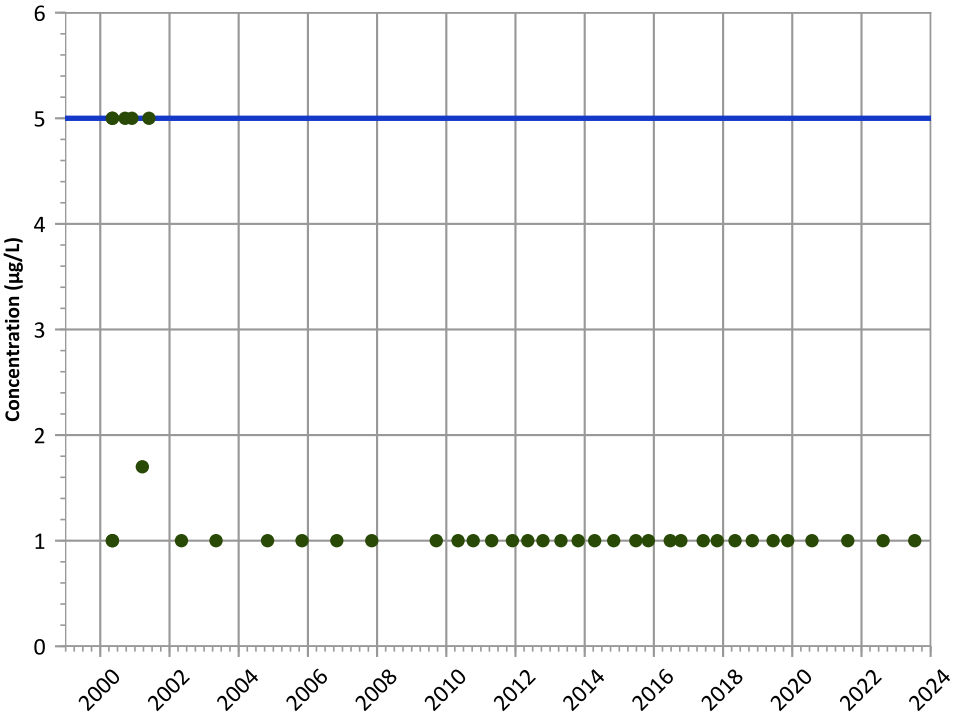
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

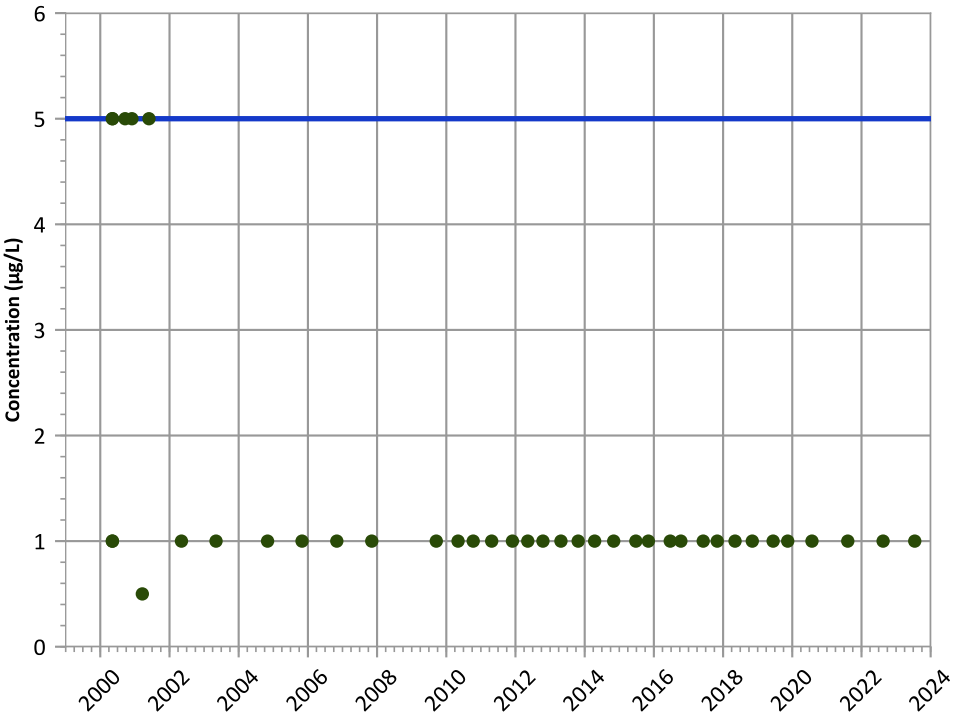


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Trichloroethene Trend

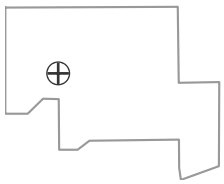


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Well Location

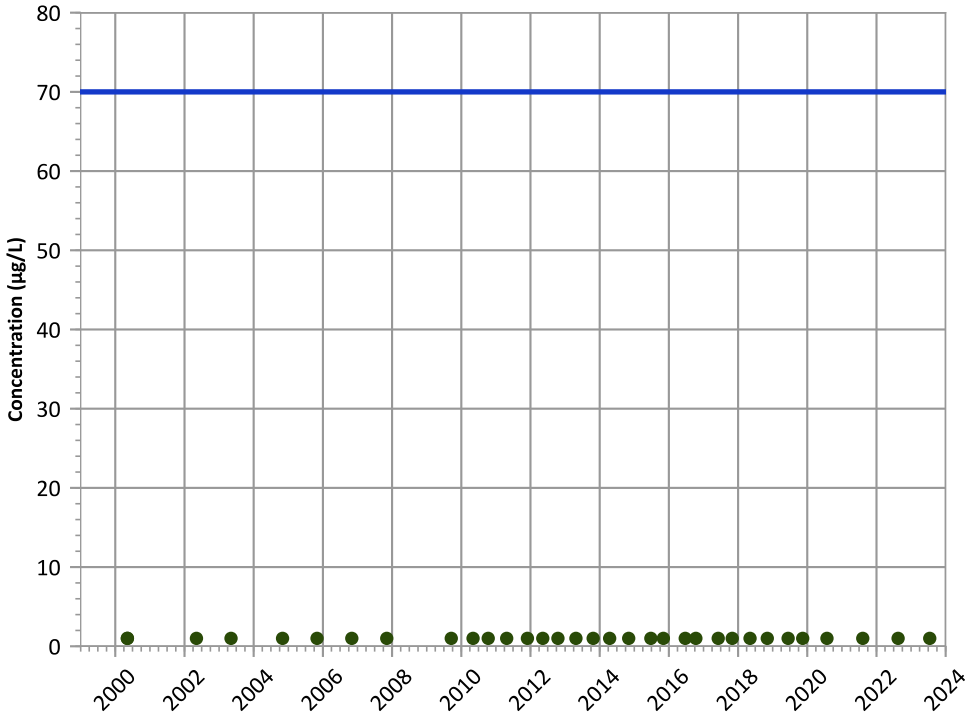


Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

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

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

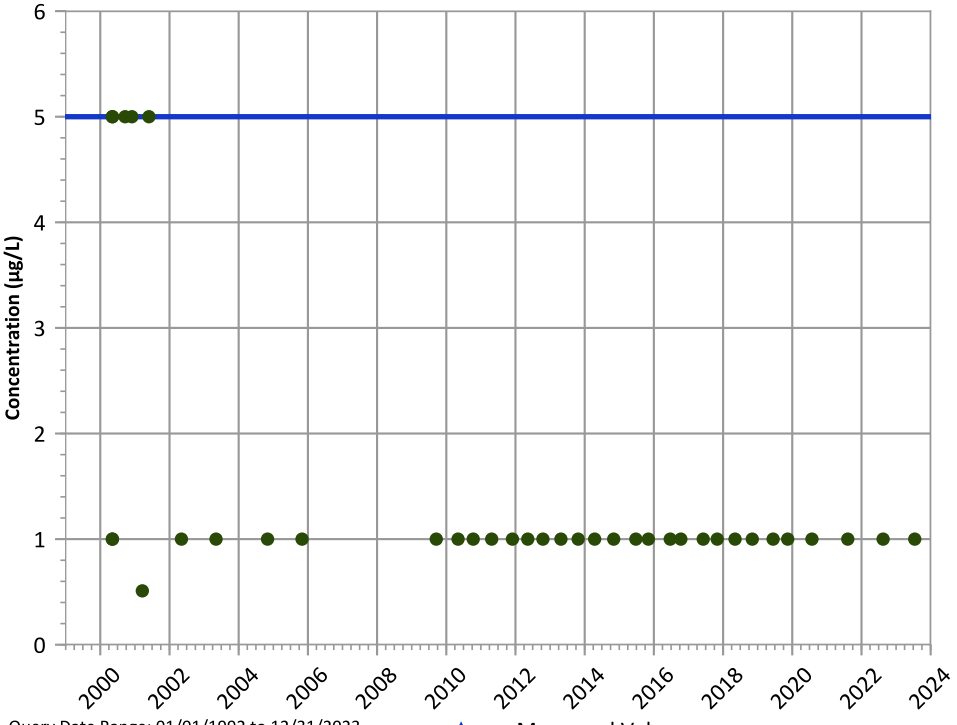


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

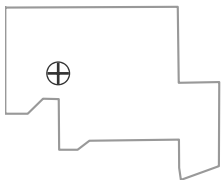
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

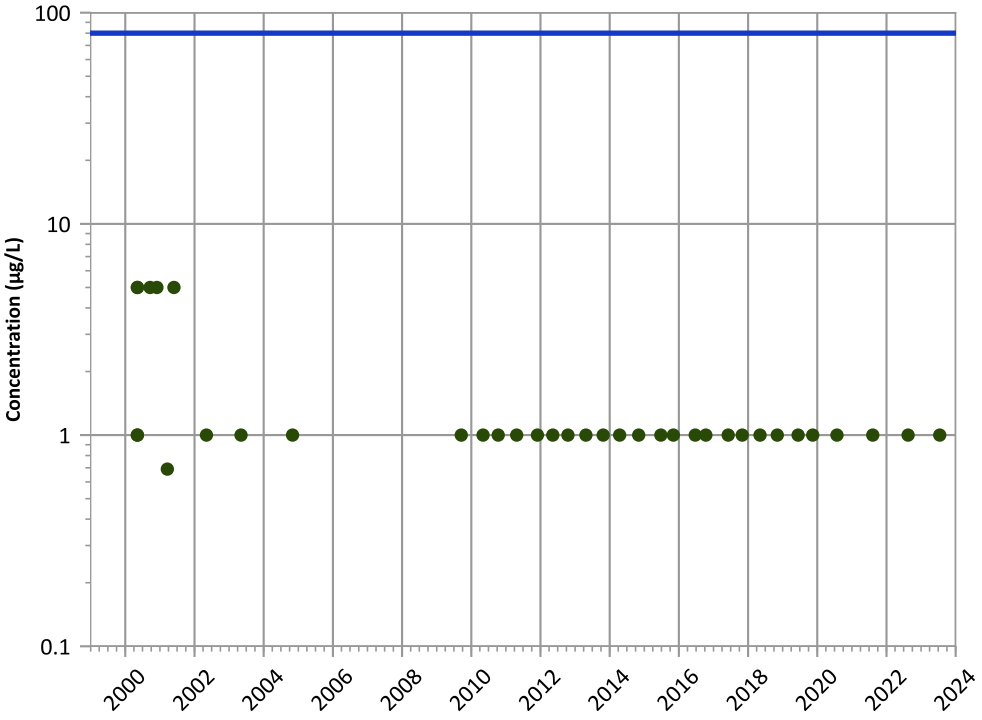
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

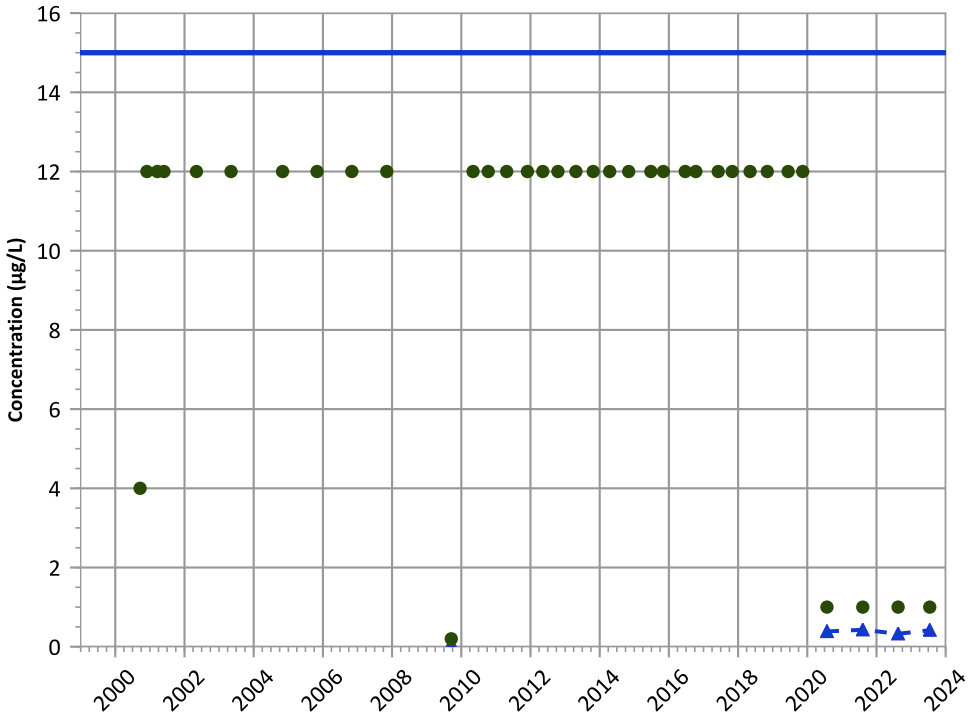
Chloroform Trend



Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

MAROS Linear Regression Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
All Non-Detect

Perchlorate Trend



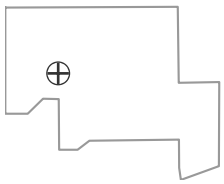
Concentration Trend
MAROS Mann-Kendall Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
Increasing
Data (7/2009 - 12/2023):
Increasing

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

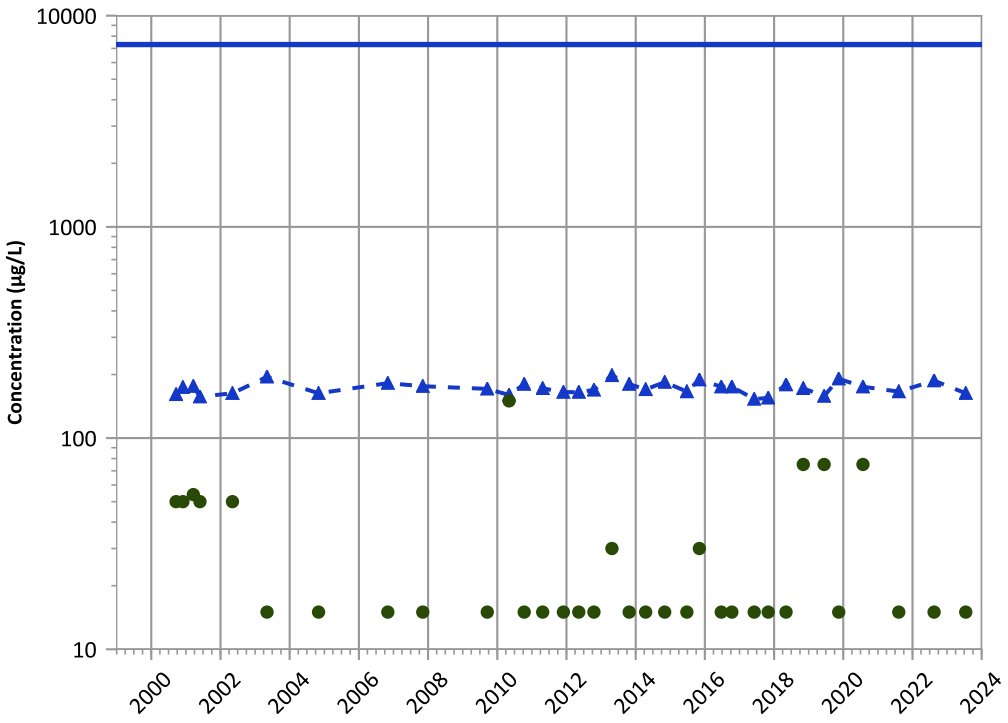
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

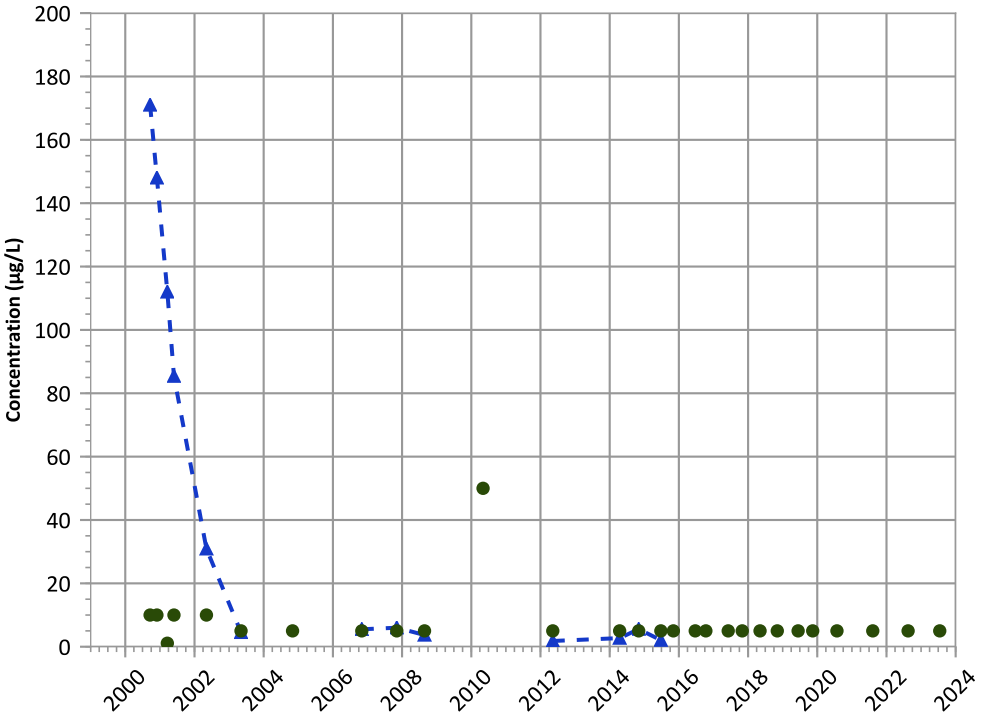


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Stable
Data (7/2009 - 12/2023):
Decreasing

Manganese Trend



Concentration Trend

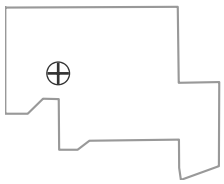
MAROS Mann-Kendall Method
2021 - 2023 Data:
All Non-Detect
Data (7/2009 - 12/2023):
Decreasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
No Trend

Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

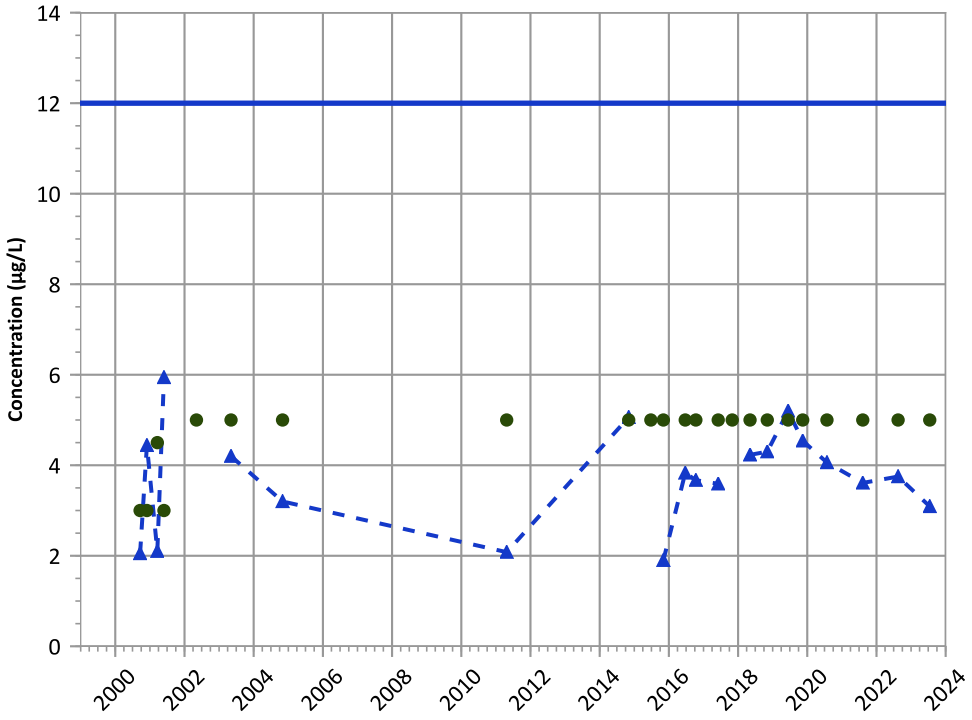
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

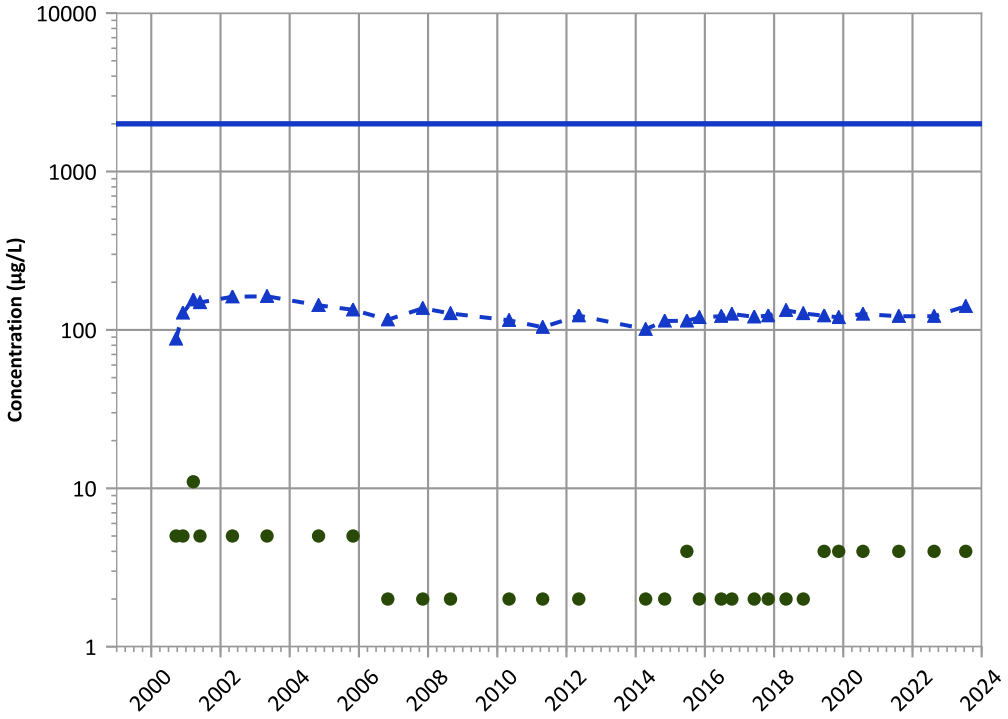


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
Decreasing
Data (7/2009 - 12/2023):
No Trend

MAROS Linear Regression Method
2021 - 2023 Data:
Probably Decreasing
Data (7/2009 - 12/2023):
Probably Increasing

Barium Trend

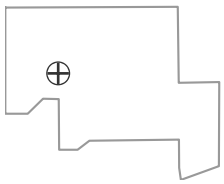


Concentration Trend

MAROS Mann-Kendall Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

MAROS Linear Regression Method
2021 - 2023 Data:
No Trend
Data (7/2009 - 12/2023):
Increasing

Well Location



Query Date Range: 01/01/1992 to 12/31/2023
Data Date Range: 05/08/2000 to 07/17/2023
Analysis Date: 03/29/2024

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

Appendix F
Perched Aquifer Isoconcentration Maps of Indicator Constituents

Perched Aquifer Isoconcentration Maps of Indicator Constituents

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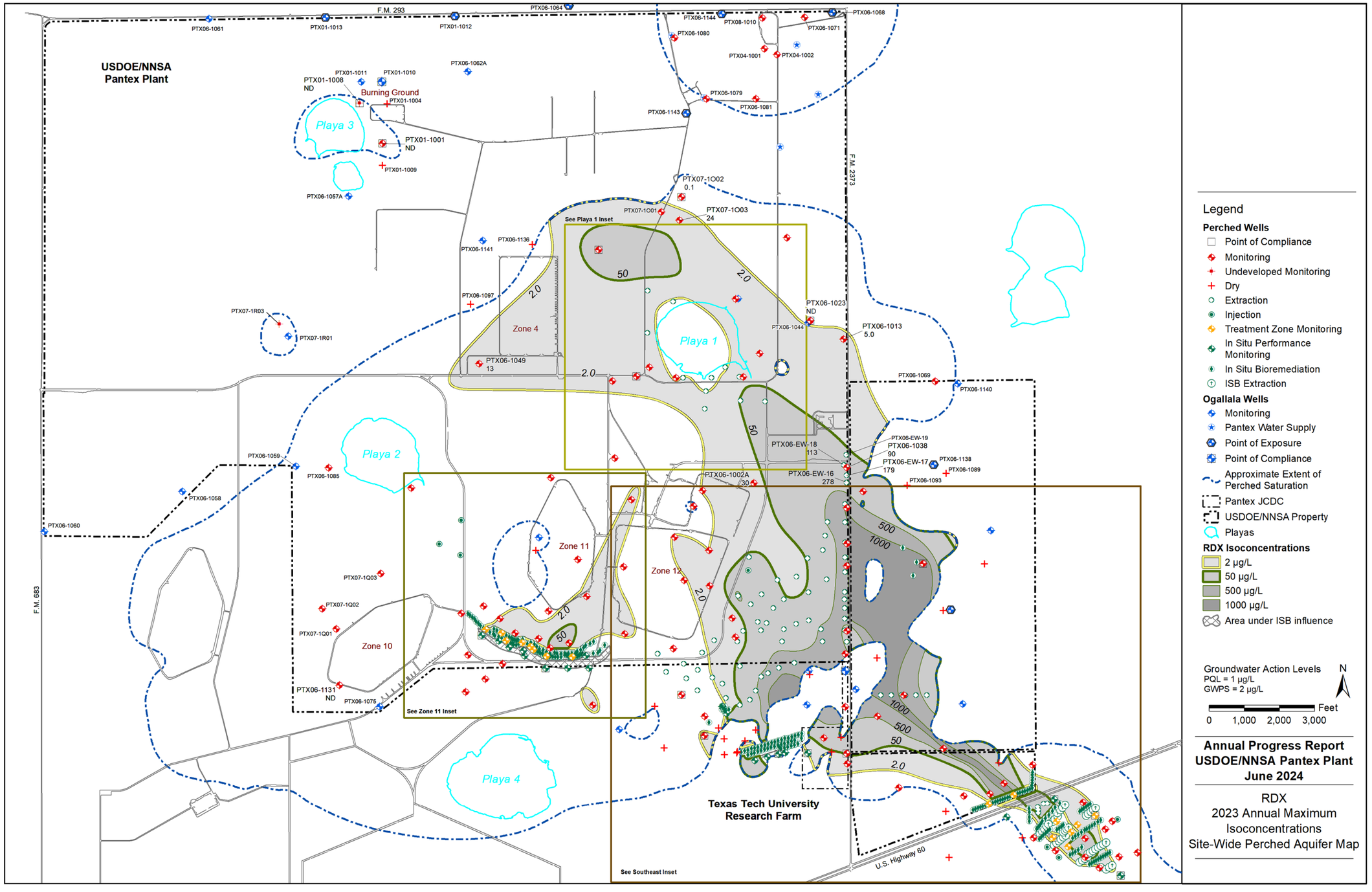
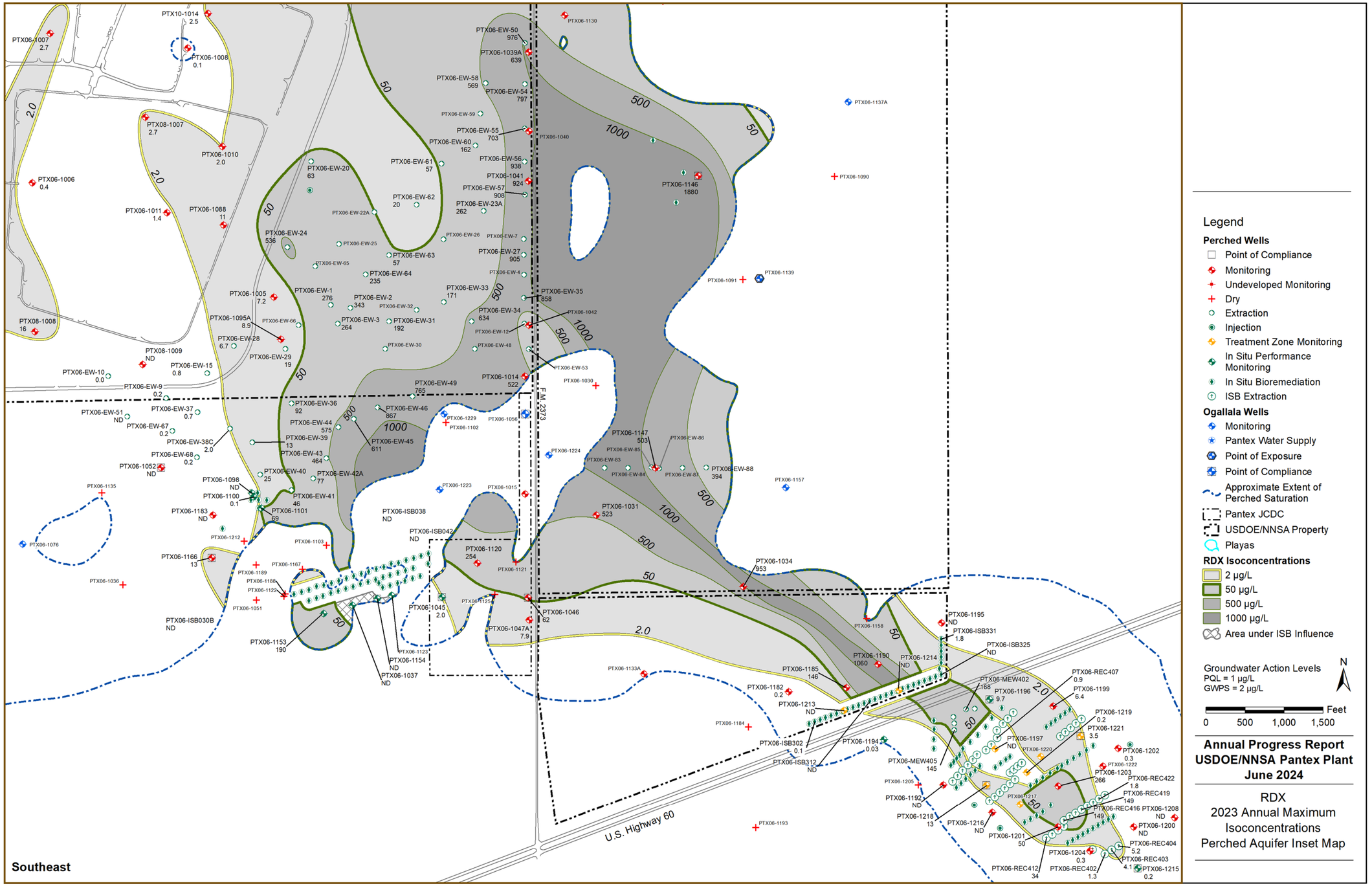
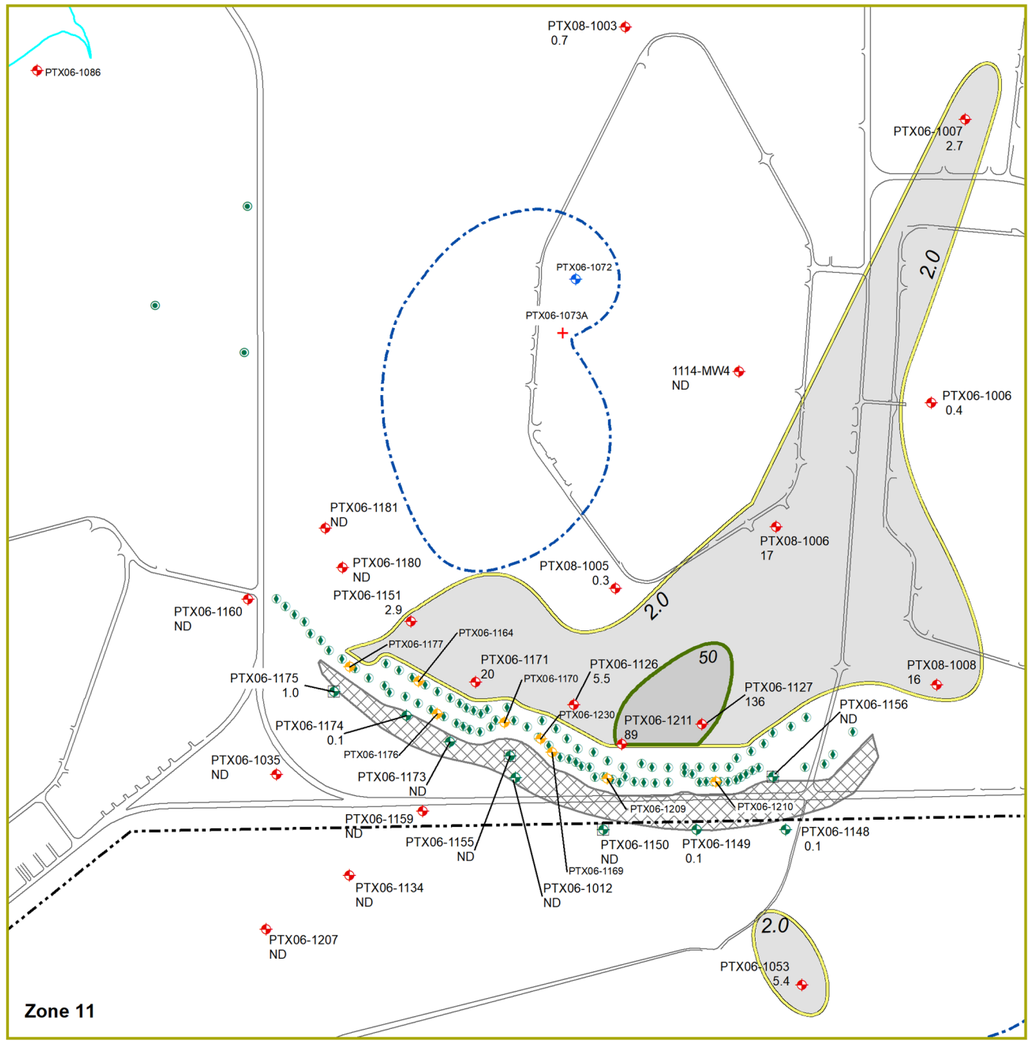

USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1080
PTX06-1071
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1008
ND
PTX01-1011
PTX01-1010
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
0.1
PTX07-1O01
PTX07-1O03
24
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
5.0
PTX06-1049
13
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
90
PTX06-EW-17
179
PTX06-1138
PTX06-1089
PTX06-EW-18
113
PTX06-EW-16
278
PTX06-1002A
30
PTX06-1093
PTX06-1059
PTX06-1085
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
50
2.0
500
1000
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
RDX Isoconcentrations
2 µg/L
50 µg/L
500 µg/L
1000 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
RDX
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


PTX10-1014 2.5
PTX06-1007 2.7
PTX06-1008 0.1
PTX08-1007 2.7
PTX06-1010 2.0
PTX06-1006 0.4
PTX06-1011 1.4
PTX06-1088 11
PTX08-1008 16
PTX08-1009 ND
PTX06-EW-15 0.8
PTX06-EW-10 0.0
PTX06-EW-9 0.2
PTX06-EW-51 ND
PTX06-EW-37 0.7
PTX06-EW-67 0.2
PTX06-EW-38C 2.0
PTX06-EW-68 0.2
PTX06-1052 ND
PTX06-1098 ND
PTX06-1100 0.1
PTX06-1101 69
PTX06-1183 ND
PTX06-1166 13
PTX06-1153 190
PTX06-1154 ND
PTX06-1037 ND
PTX06-ISB030B ND
PTX06-1045 2.0
PTX06-1047A 7.9
PTX06-1046 62
PTX06-1120 254
PTX06-ISB042 ND
PTX06-ISB038 ND
PTX06-1031 523
PTX06-1034 953
PTX06-EW-20 63
PTX06-EW-61 57
PTX06-EW-62 20
PTX06-EW-24 536
PTX06-EW-63 57
PTX06-EW-64 235
PTX06-EW-1 276
PTX06-EW-2 343
PTX06-EW-3 264
PTX06-EW-31 192
PTX06-1005 7.2
PTX06-1095A 8.9
PTX06-EW-28 6.7
PTX06-EW-29 19
PTX06-EW-33 171
PTX06-EW-34 634
PTX06-EW-35 858
PTX06-1042
PTX06-1014 522
PTX06-EW-49 765
PTX06-EW-36 92
PTX06-EW-46 867
PTX06-EW-44 575
PTX06-EW-39 13
PTX06-EW-45 611
PTX06-EW-43 464
PTX06-EW-40 25
PTX06-EW-42A 77
PTX06-EW-41 46
PTX06-EW-50 976
PTX06-1039A 639
PTX06-EW-58 569
PTX06-EW-54 797
PTX06-EW-55 703
PTX06-EW-60 162
PTX06-EW-56 938
PTX06-1041 924
PTX06-EW-57 908
PTX06-EW-23A 262
PTX06-1040
PTX06-1146 1880
PTX06-1137A
PTX06-1090
PTX06-1139
PTX06-1091
PTX06-1147 503
PTX06-EW-88 394
PTX06-1157
PTX06-1195 ND
PTX06-ISB331 1.8
PTX06-ISB325 ND
PTX06-1190 1060
PTX06-1214 ND
PTX06-1185 146
PTX06-1182 0.2
PTX06-1213 ND
PTX06-ISB302 0.1
PTX06-ISB312 ND
PTX06-1194 0.03
PTX06-MEW405 145
PTX06-MEW402 168
PTX06-1196 9.7
PTX06-1197 ND
PTX06-REC407 0.9
PTX06-1199 6.4
PTX06-1219 0.2
PTX06-1221 3.5
PTX06-1202 0.3
PTX06-1203 266
PTX06-REC422 1.8
PTX06-REC419 149
PTX06-REC416 149
PTX06-1208 ND
PTX06-1200 ND
PTX06-REC404 5.2
PTX06-REC403 4.1
PTX06-1215 0.2
PTX06-1192 ND
PTX06-1218 13
PTX06-1216 ND
PTX06-1201 50
PTX06-1204 0.3
PTX06-REC412 34
PTX06-REC402 1.3
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
RDX Isoconcentrations
2 µg/L
50 µg/L
500 µg/L
1000 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
RDX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

RDX Isoconcentrations
- 2 µg/L
- 50 µg/L
- 500 µg/L
- 1000 µg/L
- Area under ISB Influence

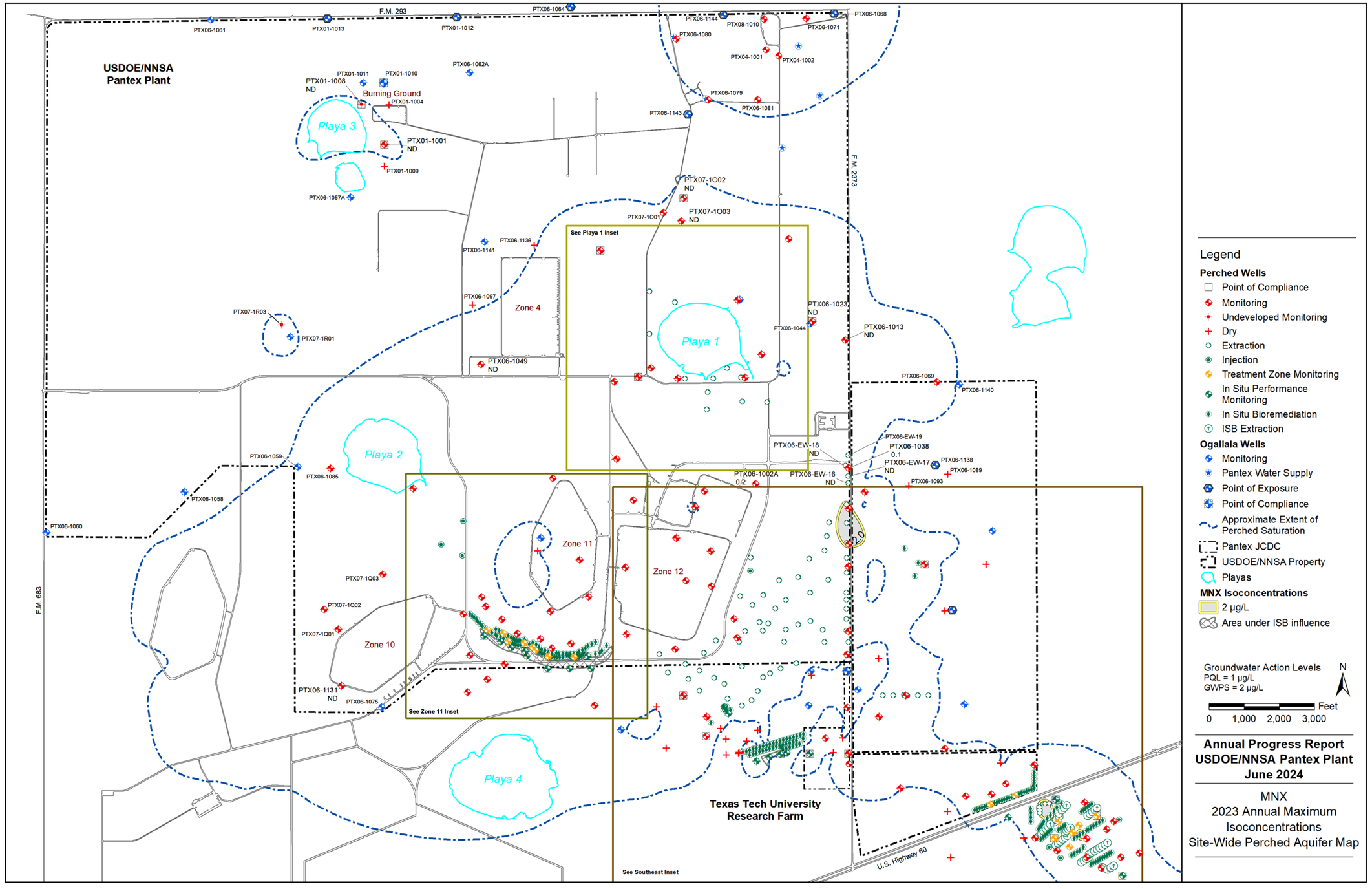
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

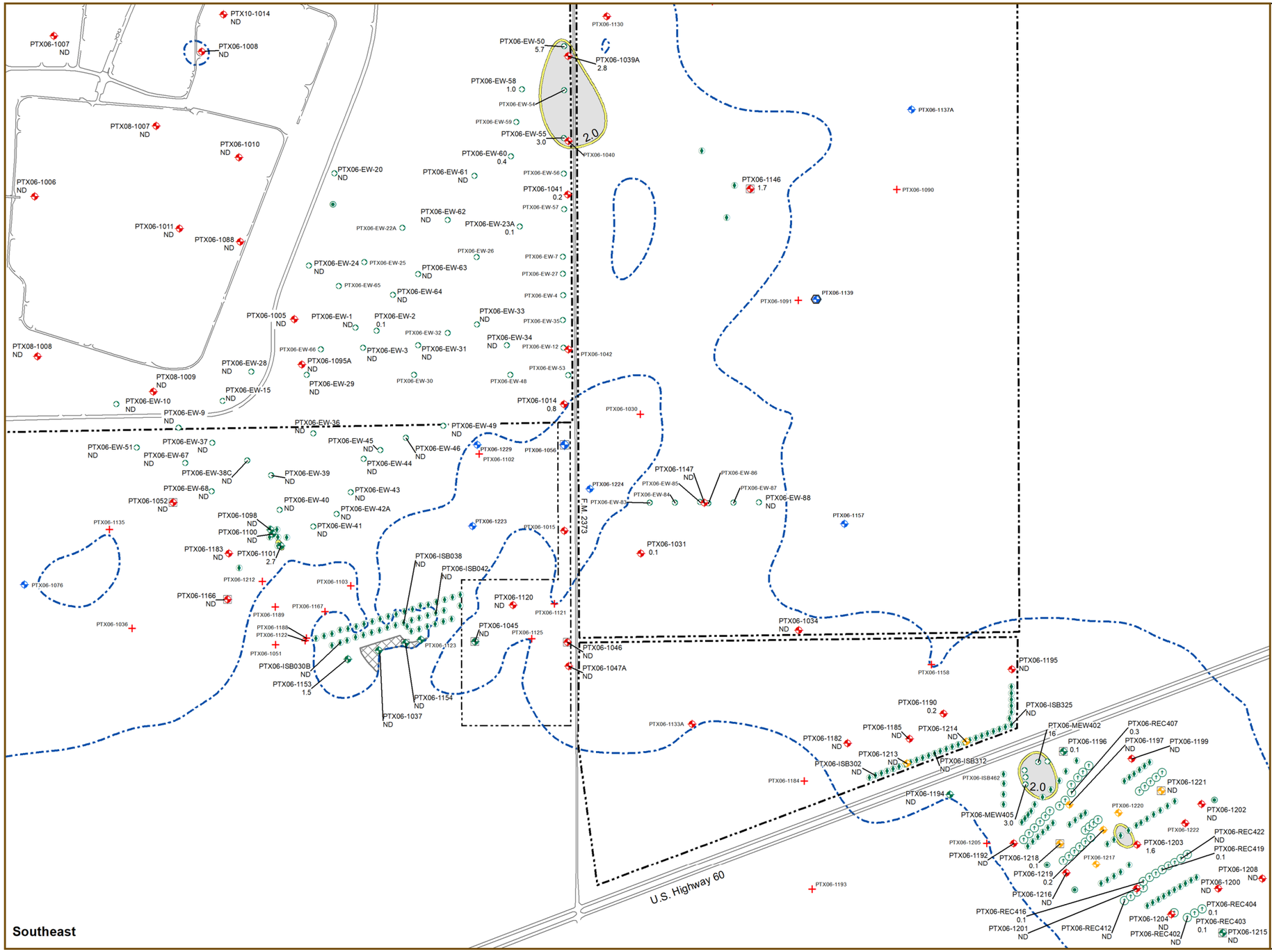
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

RDX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
ND
PTX07-1O03
ND
PTX07-1O01
See Playa 1 Inset
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1049
ND
PTX06-1023
ND
PTX06-1044
Playa 1
PTX06-1013
ND
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
0.1
PTX06-EW-17
ND
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-EW-18
ND
PTX06-1002A
0.2
PTX06-EW-16
ND
PTX06-1059
PTX06-1085
Playa 2
PTX06-1058
PTX06-1060
Zone 11
Zone 12
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
Zone 10
PTX06-1131
ND
PTX06-1075
See Zone 11 Inset
F.M. 683
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
MNX Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
MNX
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance

- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

MNX Isoconcentrations

- 2 µg/L
- Area under ISB Influence

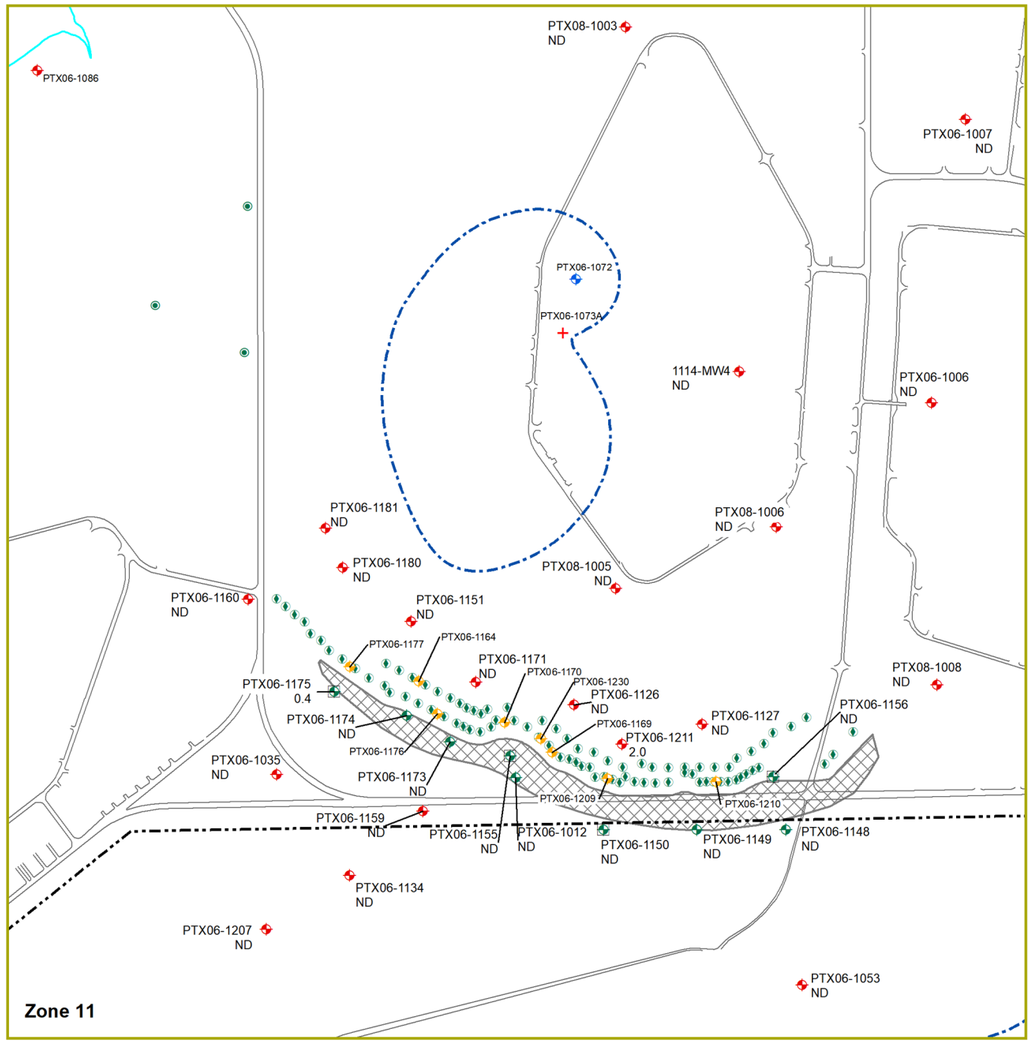
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

MNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

- x_points_MNX
- **Perched Wells**
  - Point of Compliance
  - Monitoring
  - Undeveloped Monitoring
  - Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction
- **Ogallala Wells**
  - Monitoring
  - Pantex Water Supply
  - Point of Exposure
  - Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas
- **MNX Isoconcentrations**
  - 2 µg/L
  - Area under ISB Influence

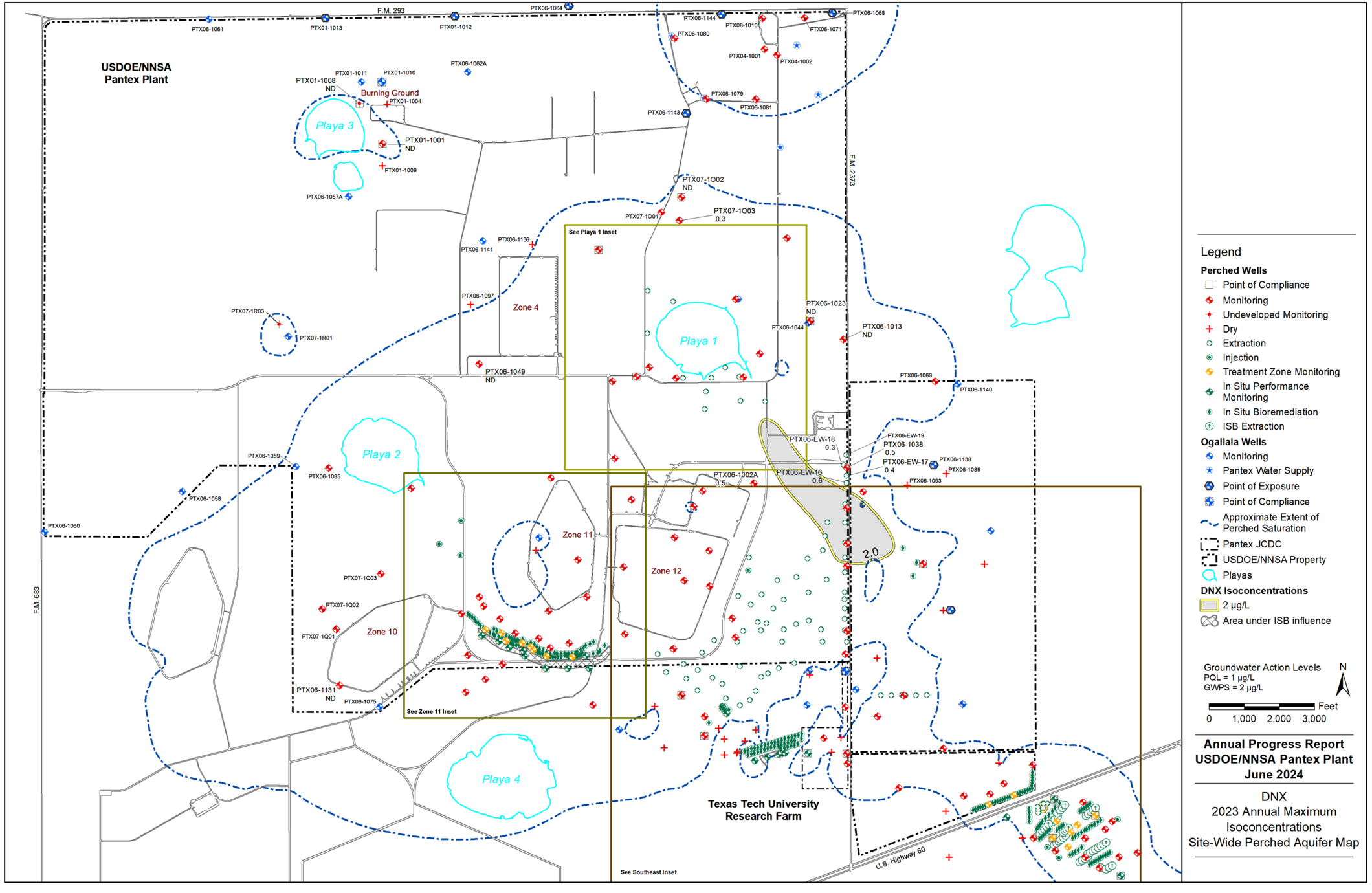
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

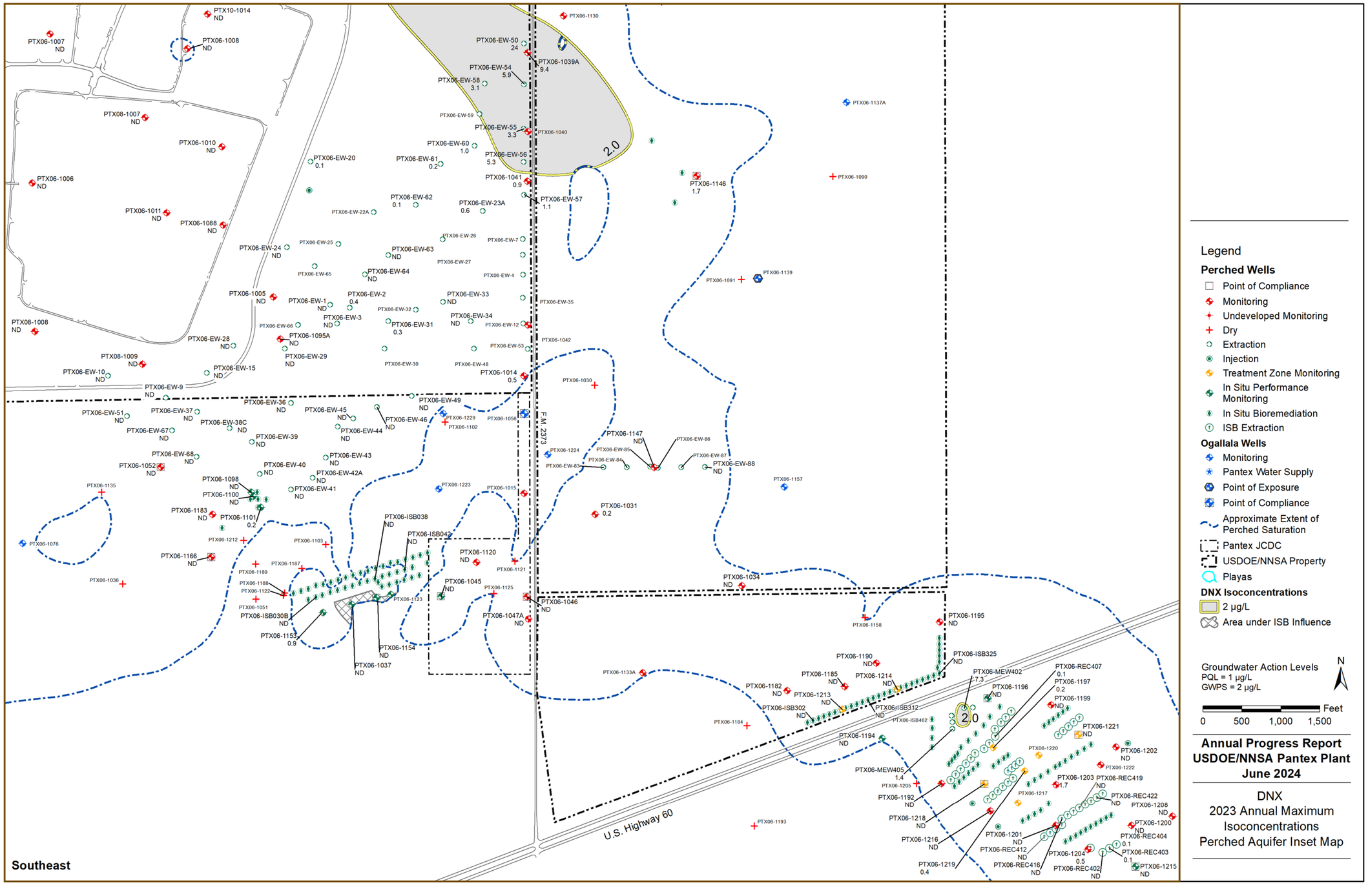
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

MNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1008
ND
PTX01-1011
PTX01-1010
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
0.3
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1049
ND
PTX06-1069
PTX06-1140
PTX06-EW-18
0.3
PTX06-EW-19
PTX06-1038
0.5
PTX06-EW-17
0.4
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
0.5
PTX06-EW-16
0.6
2.0
PTX06-1059
PTX06-1085
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNX Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
0
1,000
2,000
3,000
Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
DNX
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

DNX Isoconcentrations

- 2 µg/L
- Area under ISB Influence

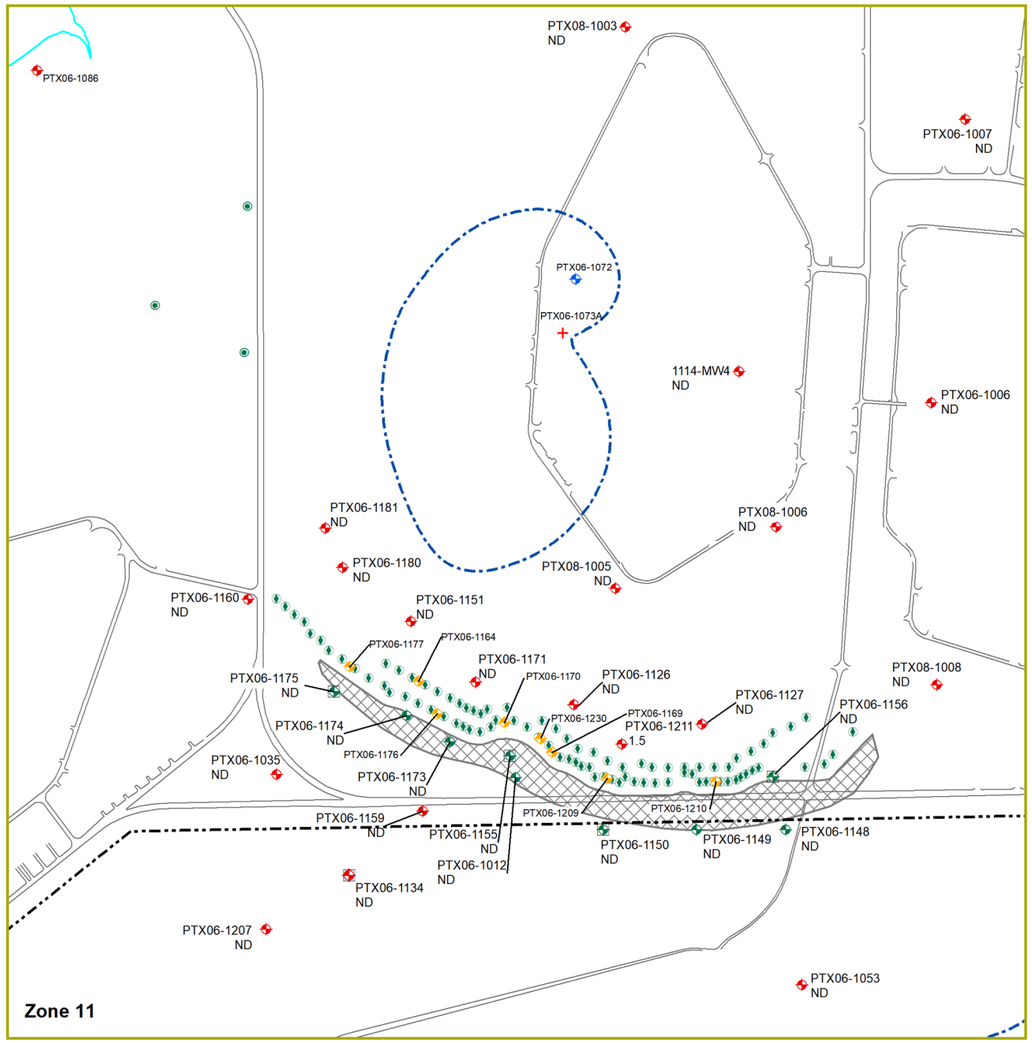
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

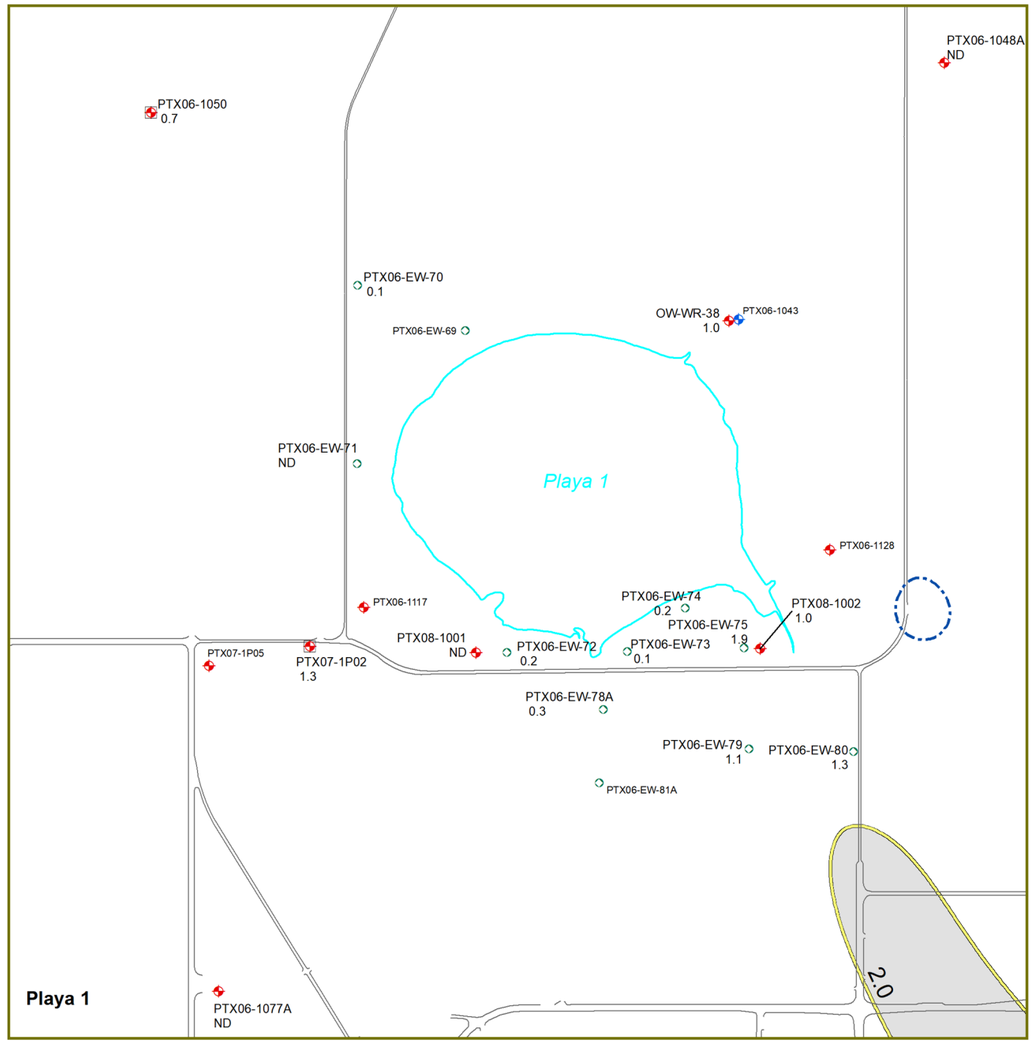
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

DNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

DNX Isoconcentrations
- 2 µg/L
- Area under ISB Influence

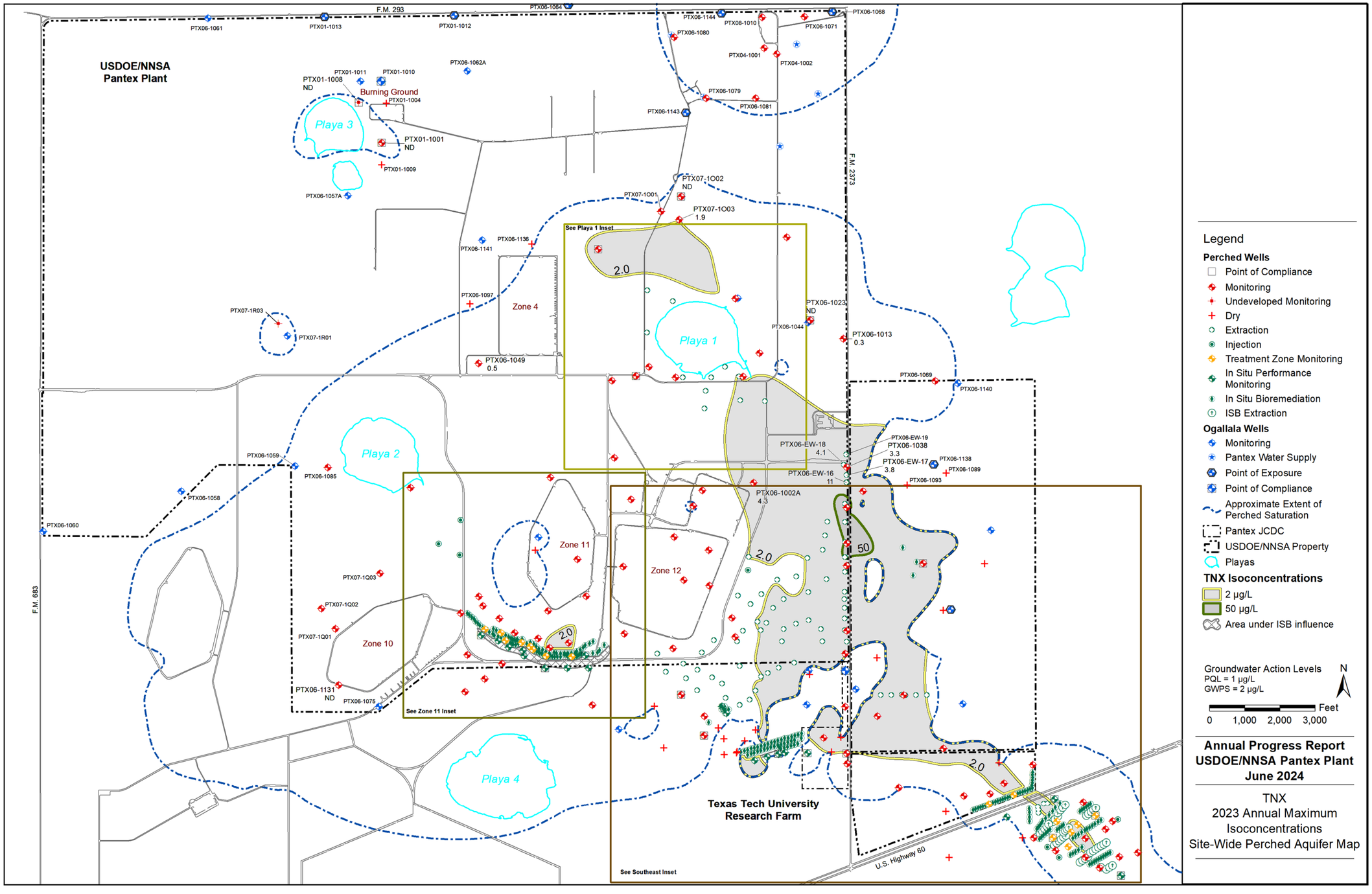
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

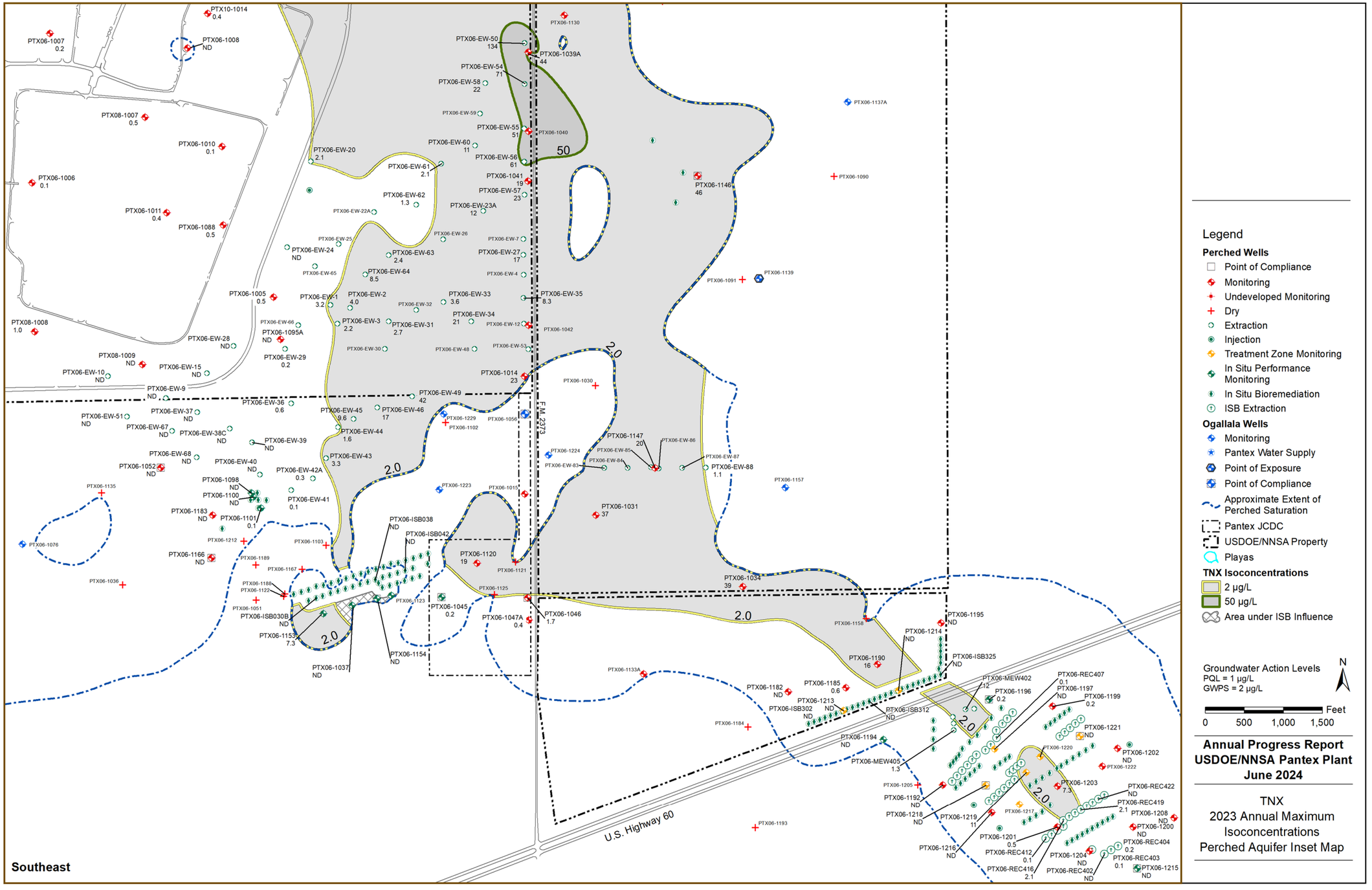
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

DNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1008
ND
PTX01-1011
PTX01-1010
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
1.9
PTX06-1136
PTX06-1141
2.0
PTX06-1097
PTX06-1023
ND
PTX06-1044
PTX06-1013
0.3
PTX07-1R03
PTX07-1R01
PTX06-1049
0.5
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
3.3
PTX06-EW-17
3.8
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-EW-18
4.1
PTX06-EW-16
11
PTX06-1002A
4.3
50
2.0
PTX06-1059
PTX06-1085
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
TNX Isoconcentrations
2 µg/L
50 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0
1,000
2,000
3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
TNX
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

TNX Isoconcentrations
- 2 µg/L
- 50 µg/L
- Area under ISB Influence

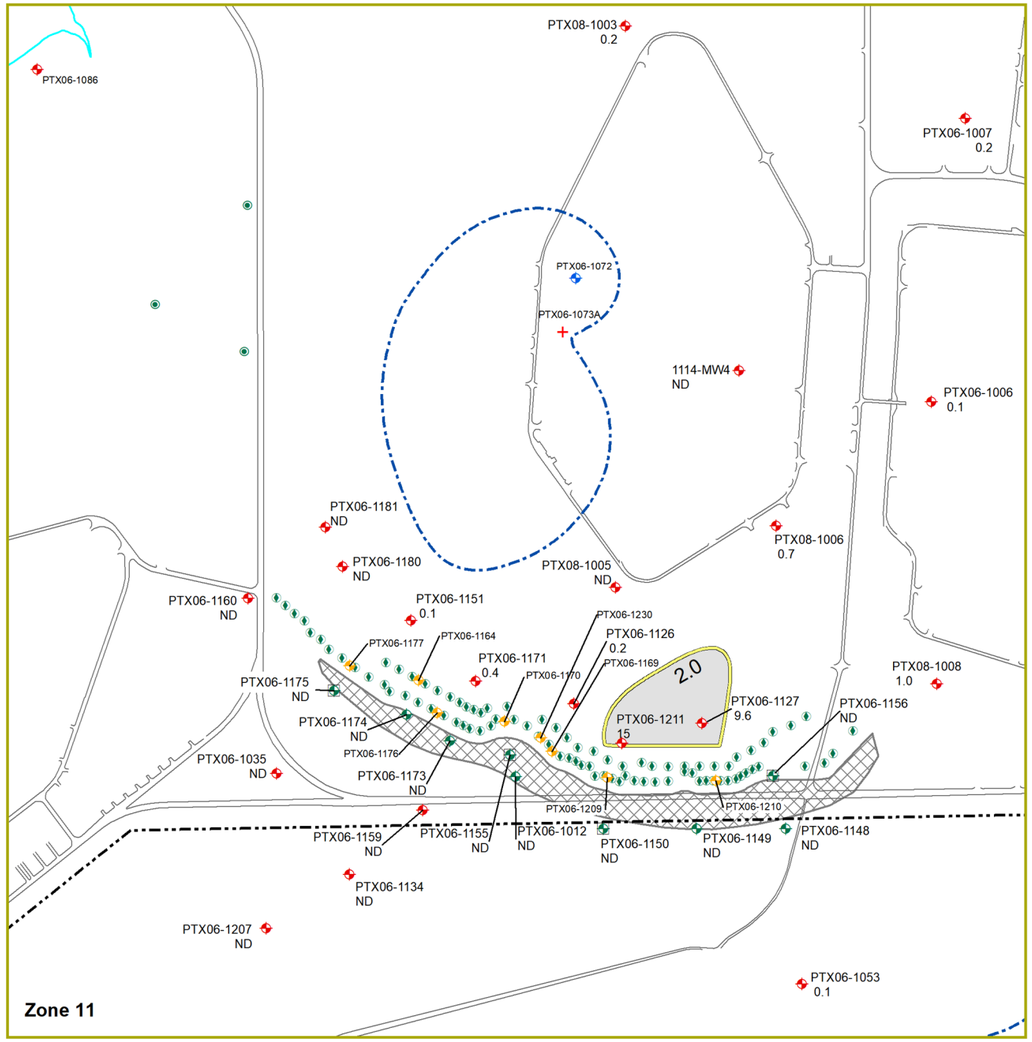
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

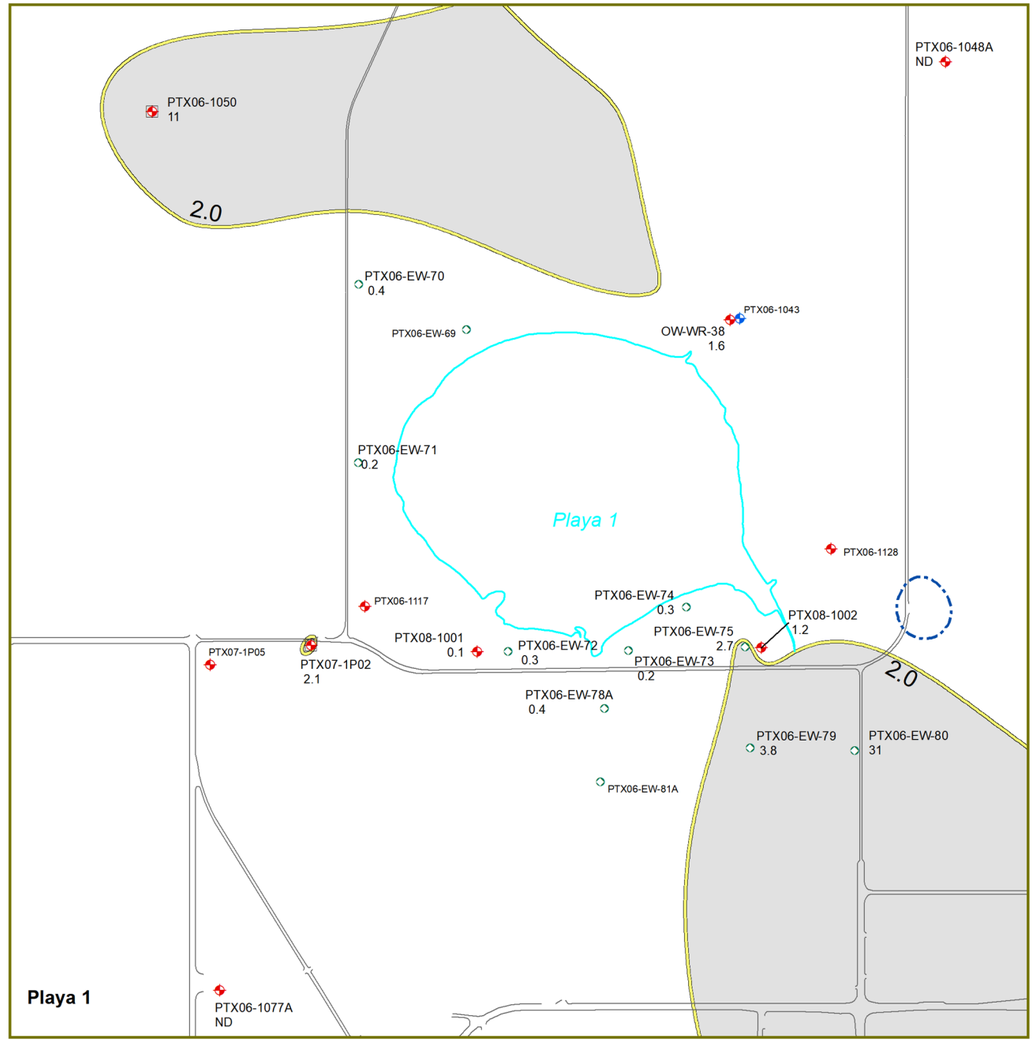
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

TNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- Permeable Reactive Barrier

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

TNX Isoconcentrations
- 2 µg/L
- 50 µg/L
- Area under ISB Influence

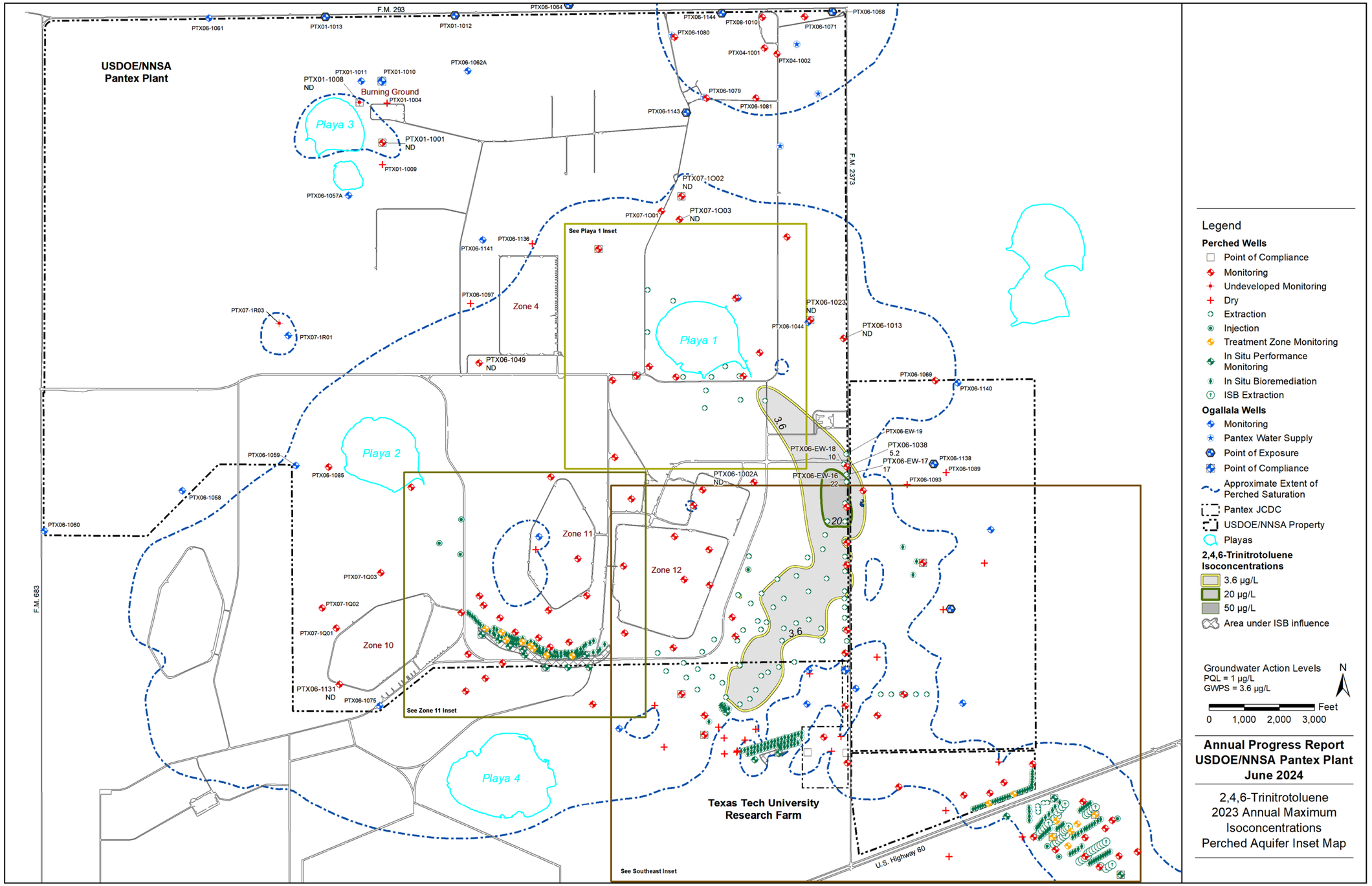
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

TNX
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
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ND
PTX01-1011
PTX01-1010
PTX01-1004
PTX06-1079
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ND
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ND
PTX07-1O01
PTX07-1O03
ND
PTX06-1136
PTX06-1141
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PTX07-1R01
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ND
PTX06-1044
PTX06-1013
ND
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-EW-18
10
PTX06-1038
5.2
PTX06-EW-17
17
PTX06-1138
PTX06-1089
PTX06-EW-16
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PTX06-1093
PTX06-1002A
ND
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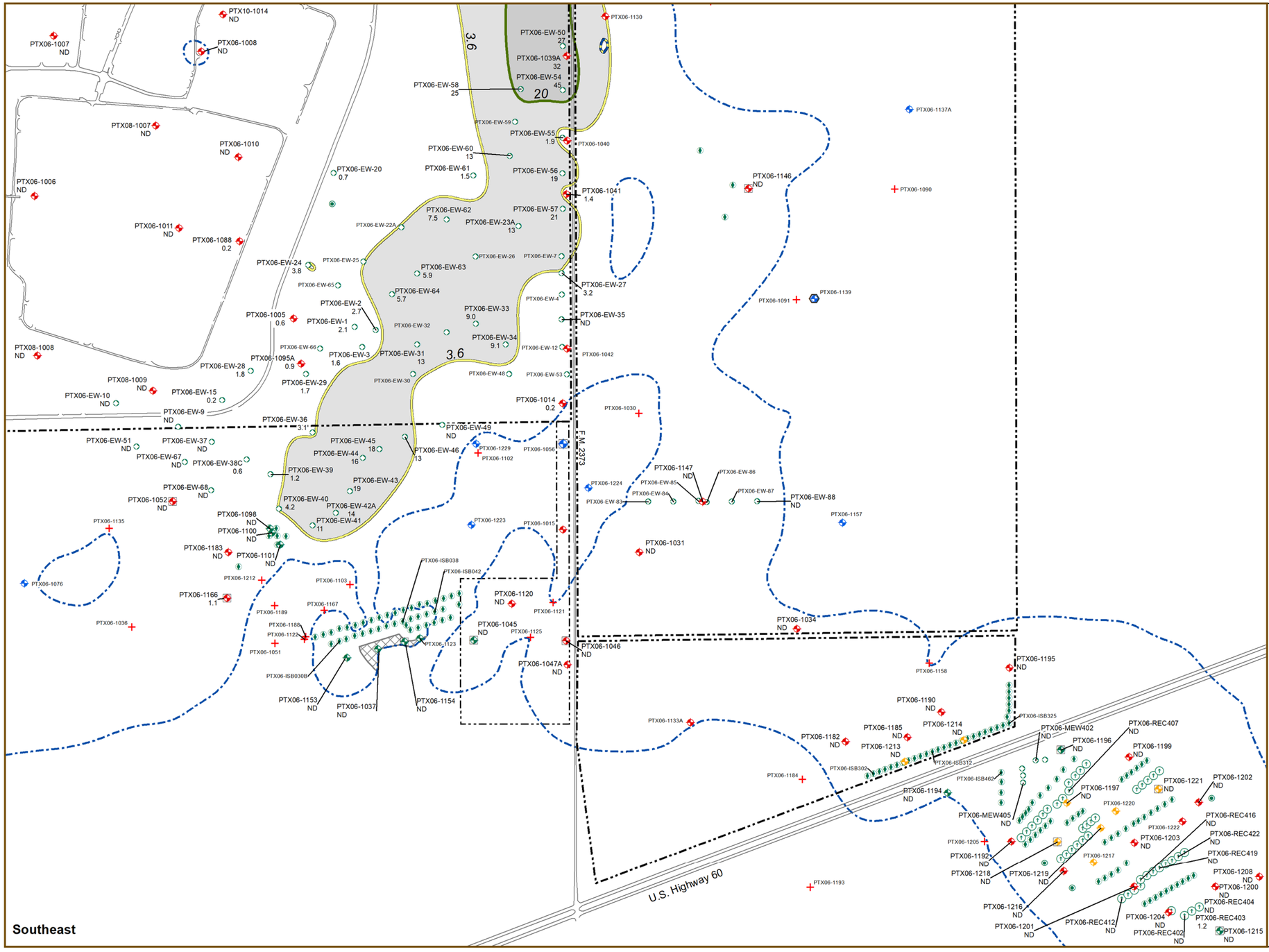
PTX06-1085
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
3.6
20
50
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
2,4,6-Trinitrotoluene Isoconcentrations
3.6 µg/L
20 µg/L
50 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L
N
0
1,000
2,000
3,000
Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
2,4,6-Trinitrotoluene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

2,4,6-Trinitrotoluene Isoconcentrations

- 3.6 µg/L
- 20 µg/L
- 50 µg/L
- Area under ISB Influence

Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L

N

0 500 1,000 1,500 Feet

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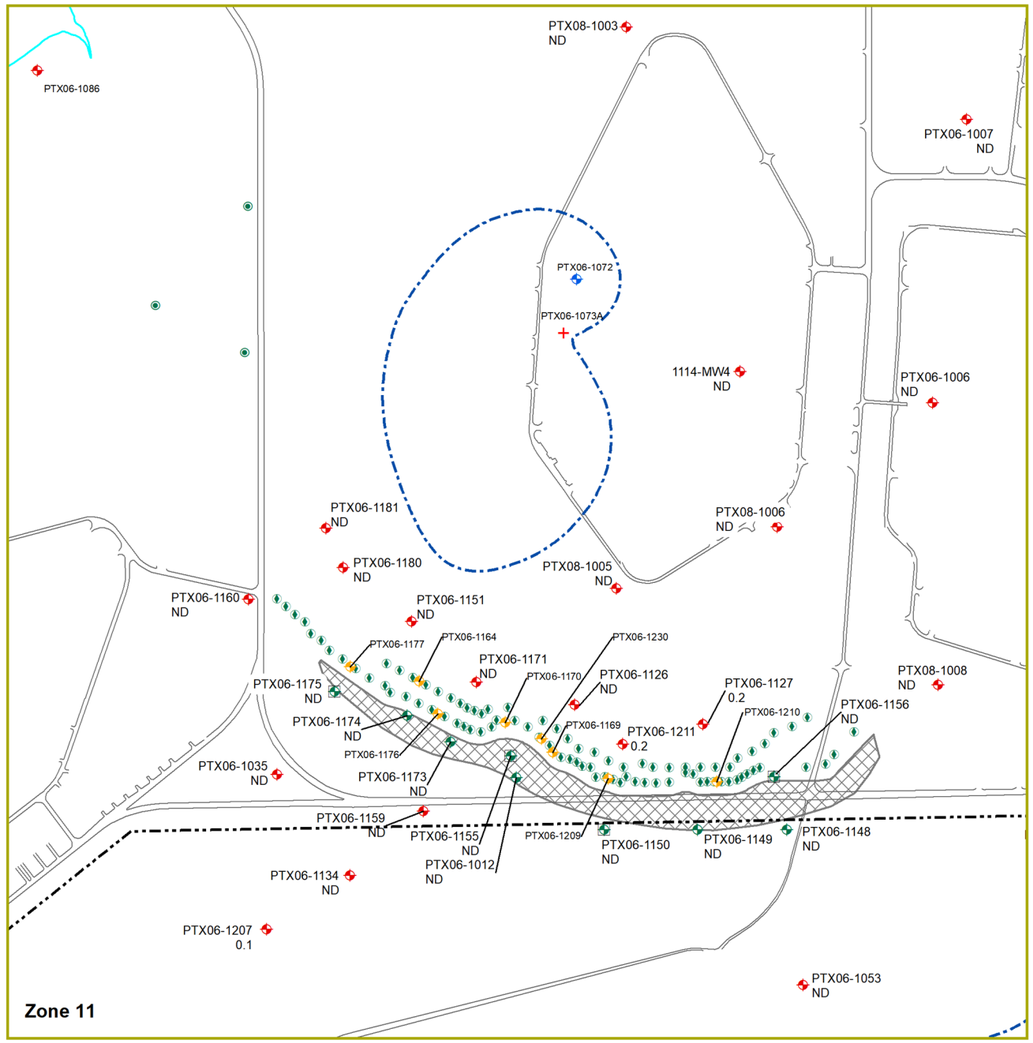
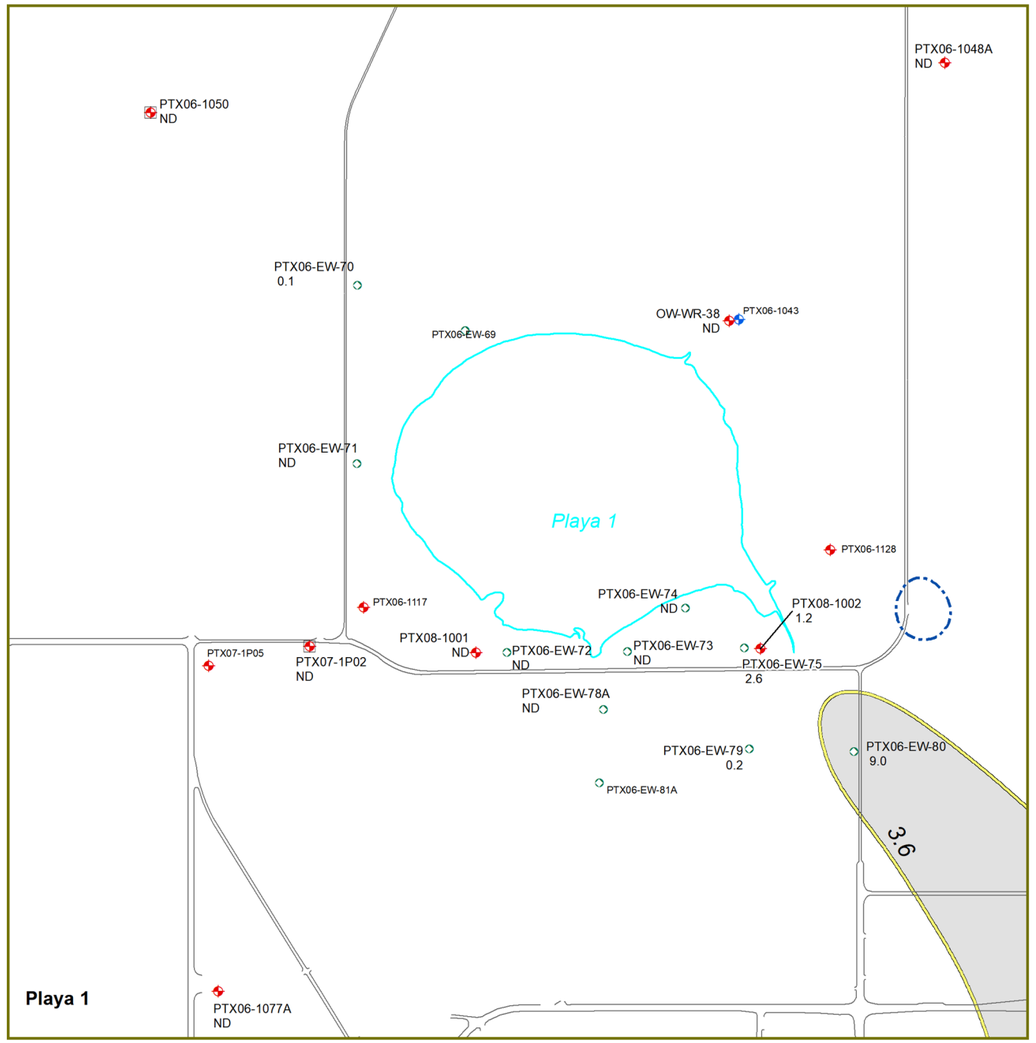
USDOE/NNSA Pantex Plant
June 2024

2,4,6-Trinitrotoluene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

2,4,6-Trinitrotoluene Isoconcentrations
- 3.6 µg/L
- 20 µg/L
- 50 µg/L
- Area under ISB Influence

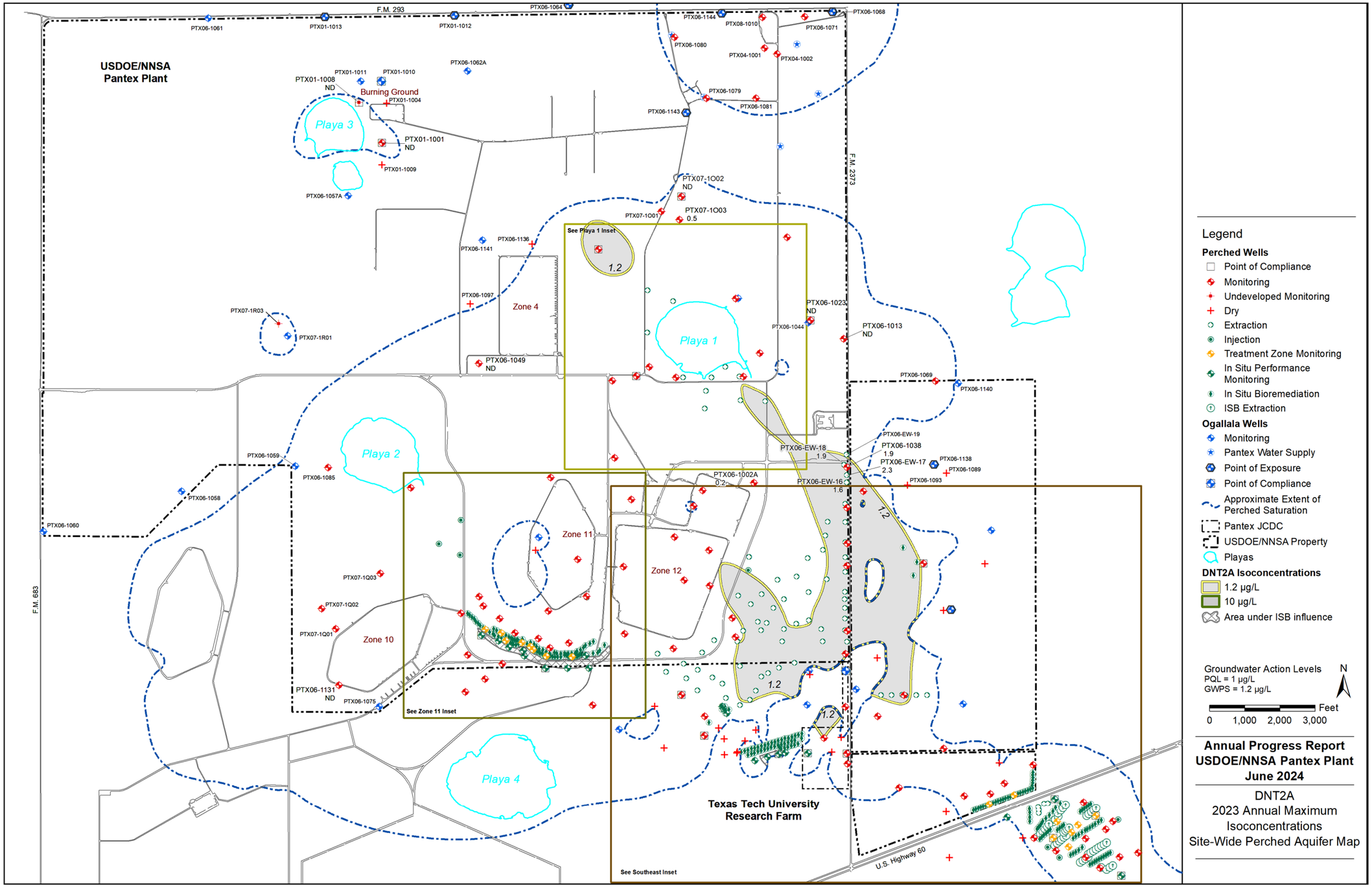
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L

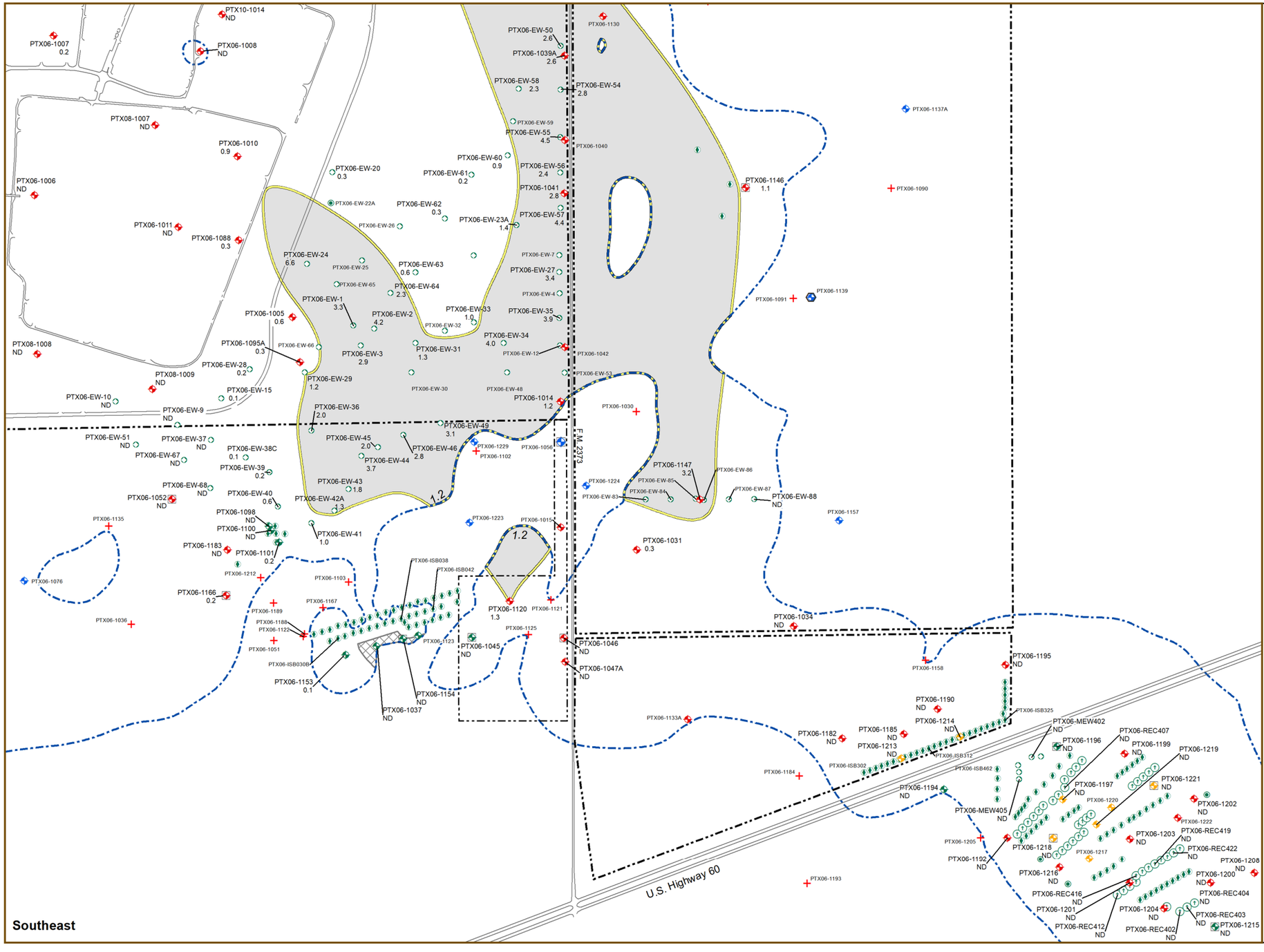
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

2,4,6-Trinitrotoluene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX08-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
0.5
See Playa 1 Inset
1.2
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1049
ND
Playa 1
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
1.9
PTX06-EW-18
1.9
PTX06-EW-17
2.3
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-EW-16
1.6
PTX06-1002A
0.2
Playa 2
PTX06-1059
PTX06-1085
PTX06-1058
PTX06-1060
F.M. 683
Zone 11
Zone 12
Zone 10
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
See Zone 11 Inset
1.2
1.2
1.2
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT2A Isoconcentrations
1.2 µg/L
10 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
0 1,000 2,000 3,000 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
DNT2A
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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PTX06-1088 0.3
PTX06-EW-20 0.3
PTX06-EW-22A
PTX06-EW-26
PTX06-EW-24 6.6
PTX06-EW-25
PTX06-EW-65
PTX06-EW-1 3.3
PTX06-1005 0.6
PTX08-1008 ND
PTX06-1095A 0.3
PTX06-EW-66
PTX06-EW-28 0.2
PTX08-1009 ND
PTX06-EW-15 0.1
PTX06-EW-10 ND
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PTX06-EW-51 ND
PTX06-EW-37 ND
PTX06-EW-67 ND
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PTX06-EW-39 0.2
PTX06-EW-68 ND
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PTX06-1153 0.1
PTX06-EW-41 1.0
PTX06-EW-42A 1.3
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PTX06-1102
PTX06-1058
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PTX06-EW-64 2.3
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PTX06-EW-29 1.2
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PTX06-EW-30
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F.M. 2373
U.S. Highway 60
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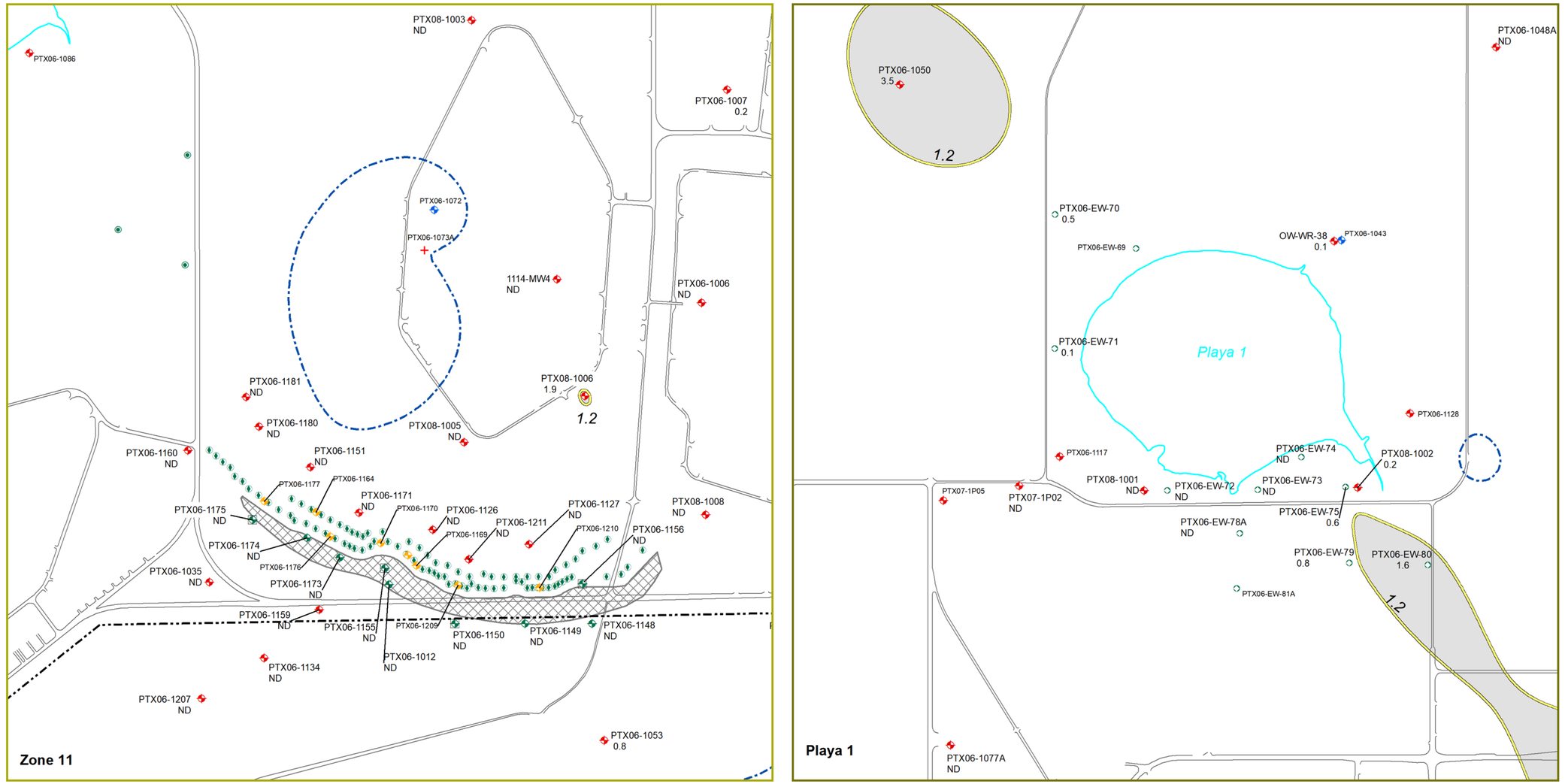
PTX06-1034 ND
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT2A Isoconcentrations
1.2 µg/L
10 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
DNT2A
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

DNT2A Isoconcentrations
- 1.2 µg/L
- 10 µg/L
- Area under ISB Influence

Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L

N

0 500 1,000 1,500 Feet

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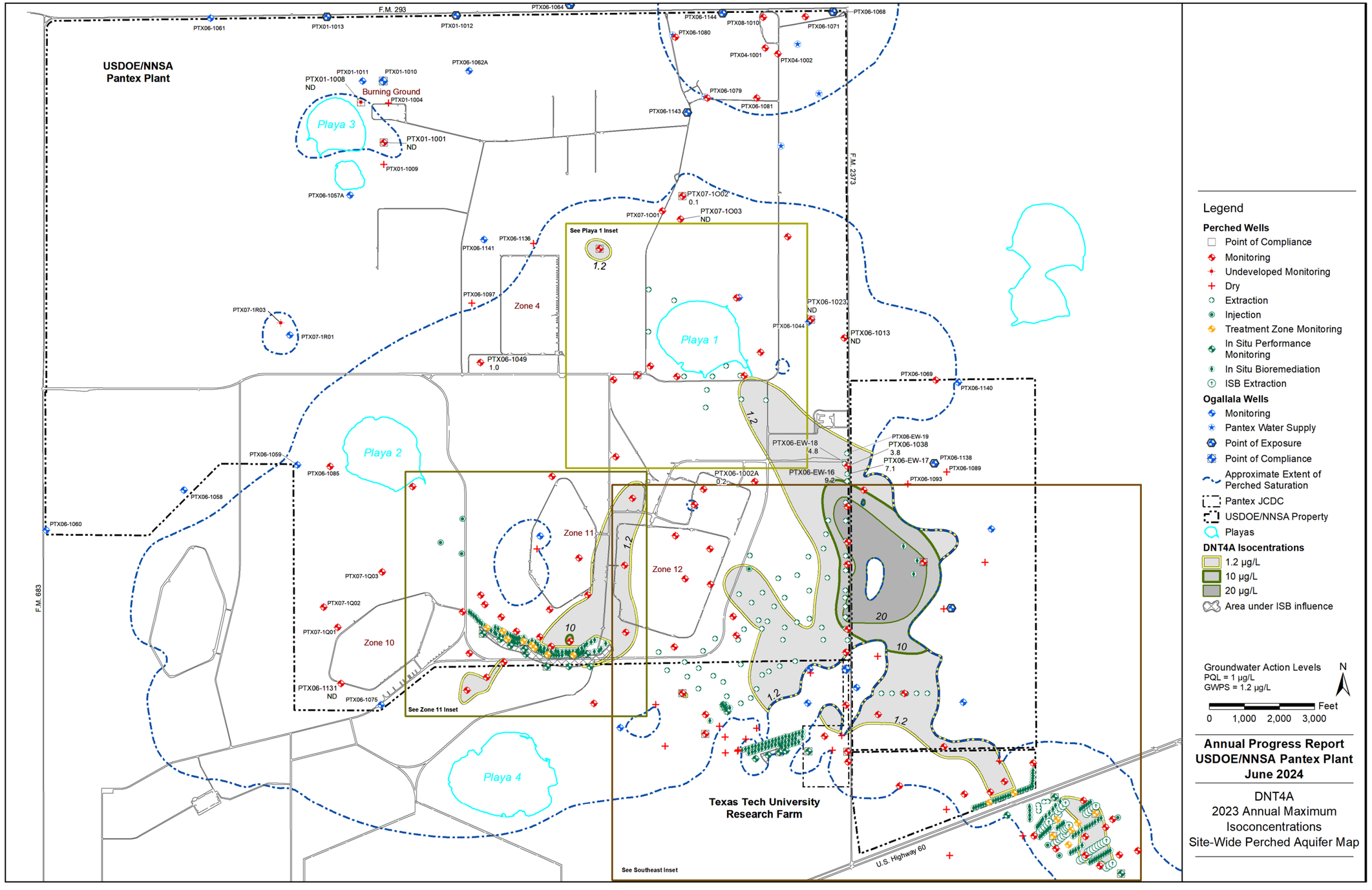
USDOE/NNSA Pantex Plant
June 2024

DNT2A
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance

- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

DNT4A Isocentrations
- 1.2 µg/L
- 10 µg/L
- 20 µg/L
- Area under ISB influence

Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L

N

0 1,000 2,000 3,000 Feet

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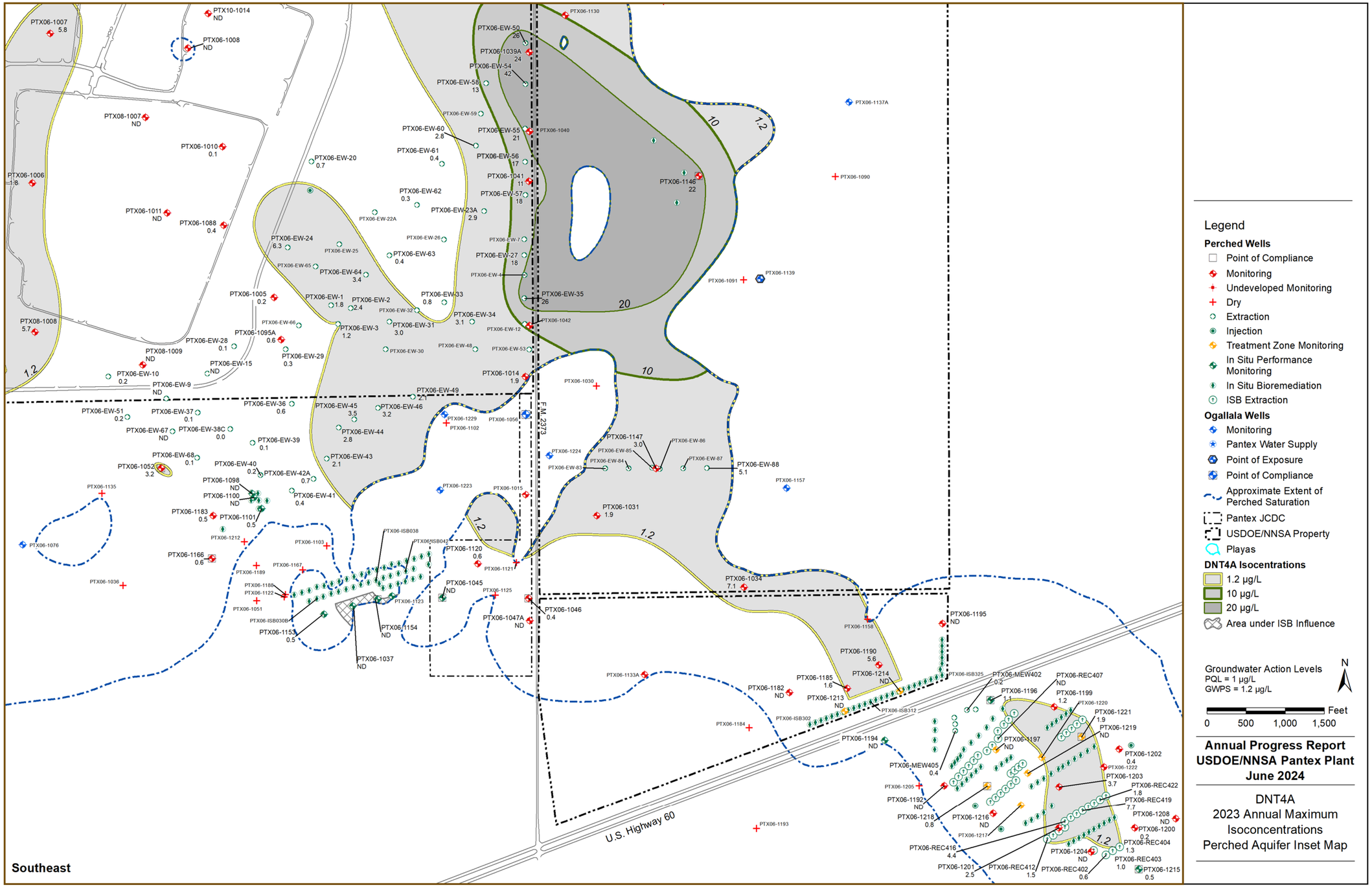
USDOE/NNSA Pantex Plant
June 2024

DNT4A
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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PTX06-1088 0.4
PTX08-1008 5.7
PTX08-1009 ND
PTX06-EW-10 0.2
PTX06-EW-9 ND
PTX06-EW-15 ND
PTX06-EW-28 0.1
PTX06-1095A 0.6
PTX06-EW-29 0.3
PTX06-1005 0.2
PTX06-EW-20 0.7
PTX06-EW-24 6.3
PTX06-EW-1 1.8
PTX06-EW-2 2.4
PTX06-EW-3 1.2
PTX06-EW-31 3.0
PTX06-EW-33 0.8
PTX06-EW-34 3.1
PTX06-EW-35 26
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PTX06-EW-62 0.3
PTX06-EW-63 0.4
PTX06-EW-64 3.4
PTX06-EW-23A 2.9
PTX06-EW-27 18
PTX06-EW-56 17
PTX06-EW-55 21
PTX06-EW-54 42
PTX06-EW-50 26
PTX06-EW-58 13
PTX06-1039A 24
PTX06-1041 11
PTX06-EW-57 18
PTX06-1146 22
PTX06-1042
PTX06-1040
PTX06-1130
PTX06-1137A
PTX06-1090
PTX06-1091
PTX06-1139
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PTX06-1030
PTX06-EW-49 2.1
PTX06-EW-36 0.6
PTX06-EW-45 3.5
PTX06-EW-46 3.2
PTX06-1102
PTX06-1058
PTX06-EW-51 0.2
PTX06-EW-37 0.1
PTX06-EW-67 ND
PTX06-EW-38C 0.0
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PTX06-EW-44 2.8
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PTX06-EW-68 0.1
PTX06-1052 3.2
PTX06-EW-40 0.2
PTX06-EW-42A 0.7
PTX06-EW-41 0.4
PTX06-1098 ND
PTX06-1100 ND
PTX06-1183 0.5
PTX06-1101 0.5
PTX06-1212
PTX06-1135
PTX06-1076
PTX06-1166 0.6
PTX06-1036
PTX06-1189
PTX06-1188
PTX06-1122
PTX06-1051
PTX06-ISB030B
PTX06-1153 0.5
PTX06-1037 ND
PTX06-1154 ND
PTX06-1123
PTX06-ISB038
PTX06-ISB042
PTX06-1103
PTX06-1167
PTX06-1120 0.6
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PTX06-1047A ND
PTX06-1046 0.4
PTX06-1223
PTX06-1015
PTX06-1031 1.9
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PTX06-1158
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PTX06-1185 1.6
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PTX06-ISB325
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PTX06-1196
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PTX06-EW-85
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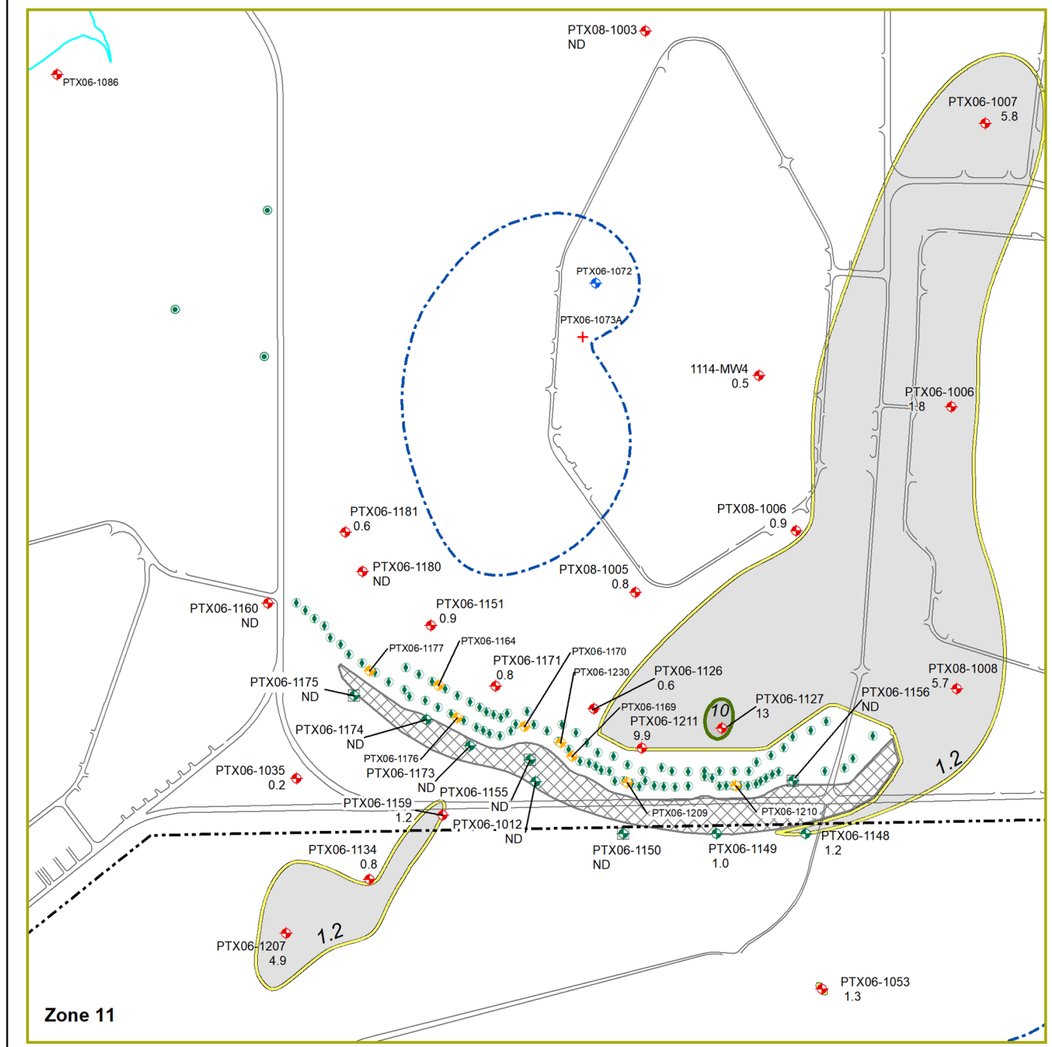
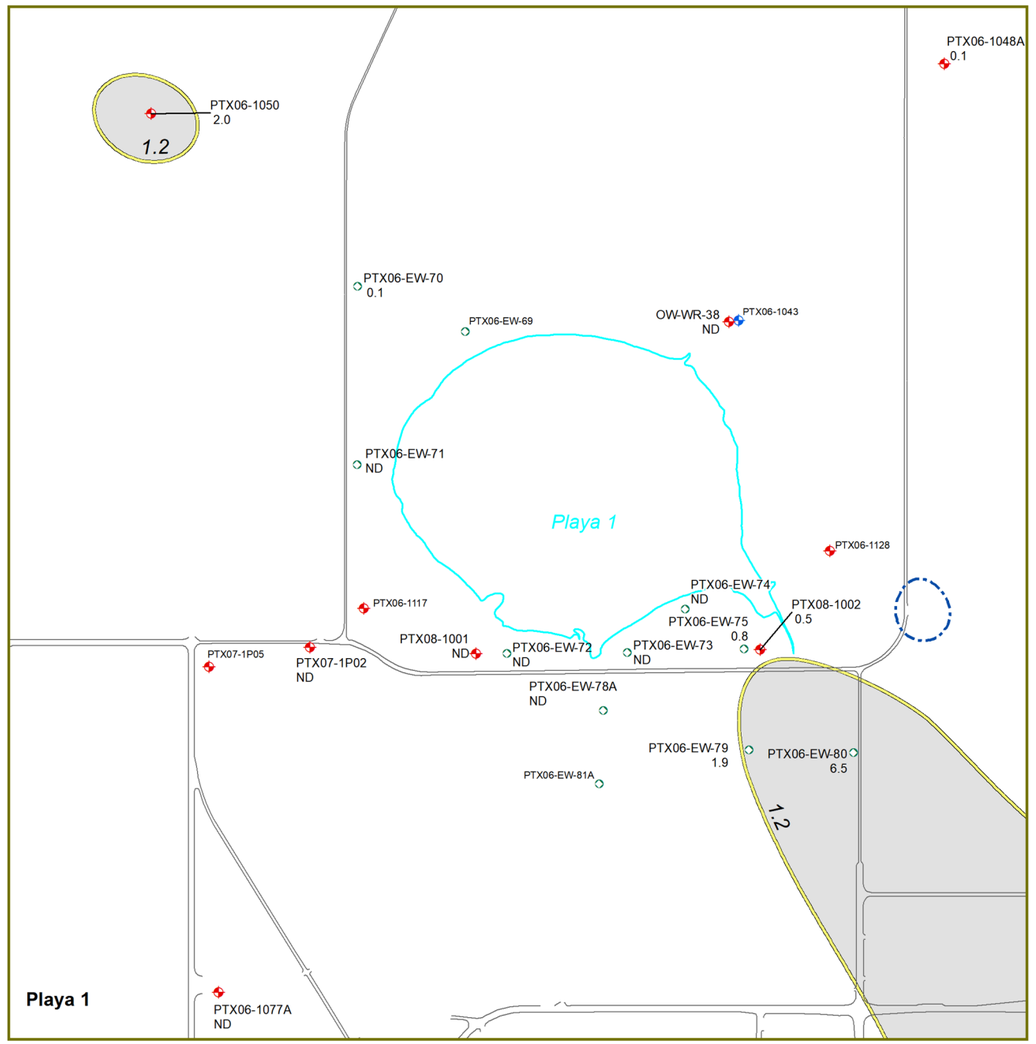
PTX06-EW-87
PTX06-EW-88 5.1
PTX06-1157
F.M. 2373
U.S. Highway 60
0
10
1.2
20
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT4A Isocentrations
1.2 µg/L
10 µg/L
20 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
0 500 1,000 1,500 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
DNT4A
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

DNT4A Isocentrations
- 1.2 µg/L
- 10 µg/L
- 20 µg/L
- Area under ISB Influence

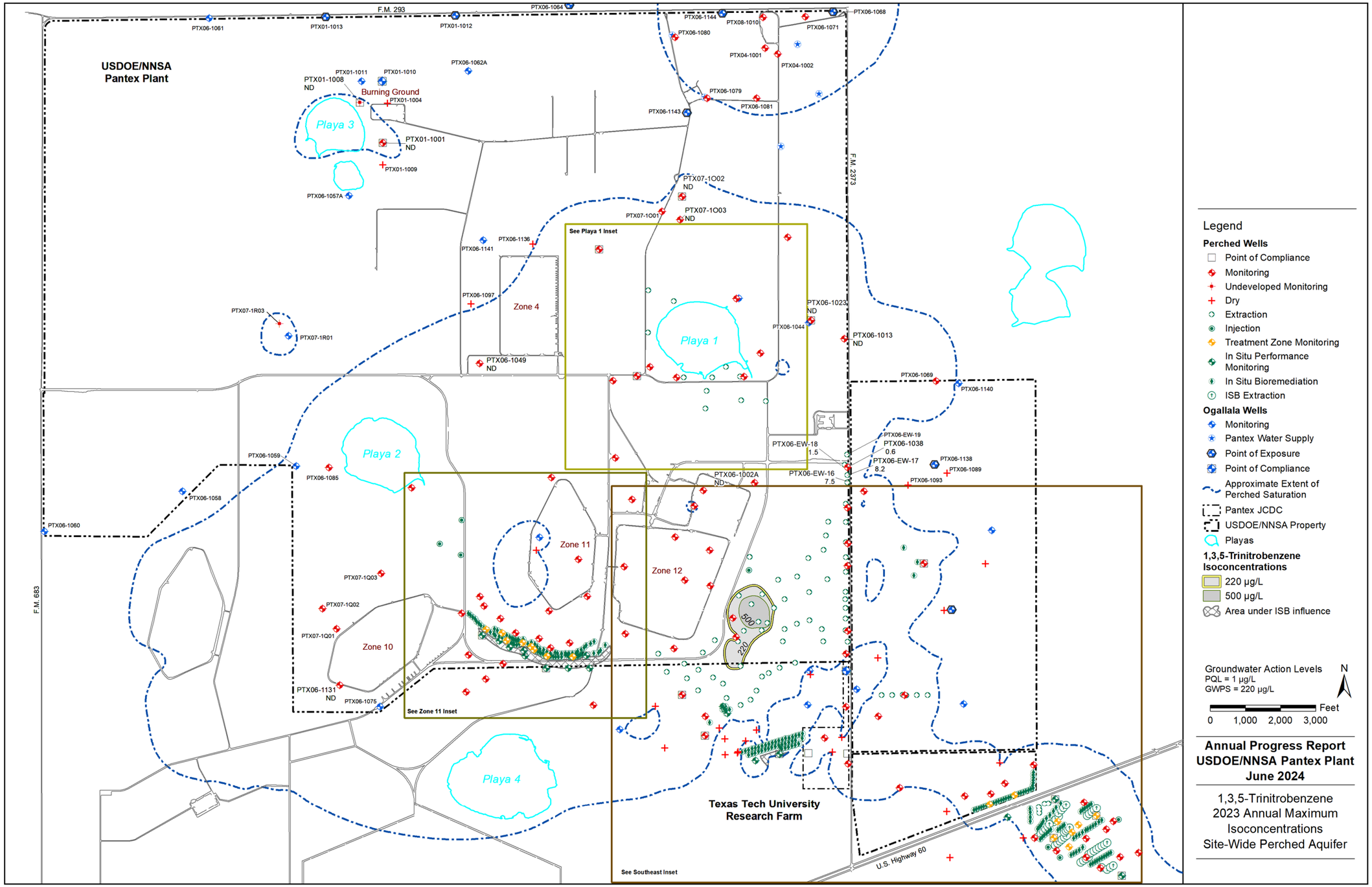
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

DNT4A
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
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PTX08-1071
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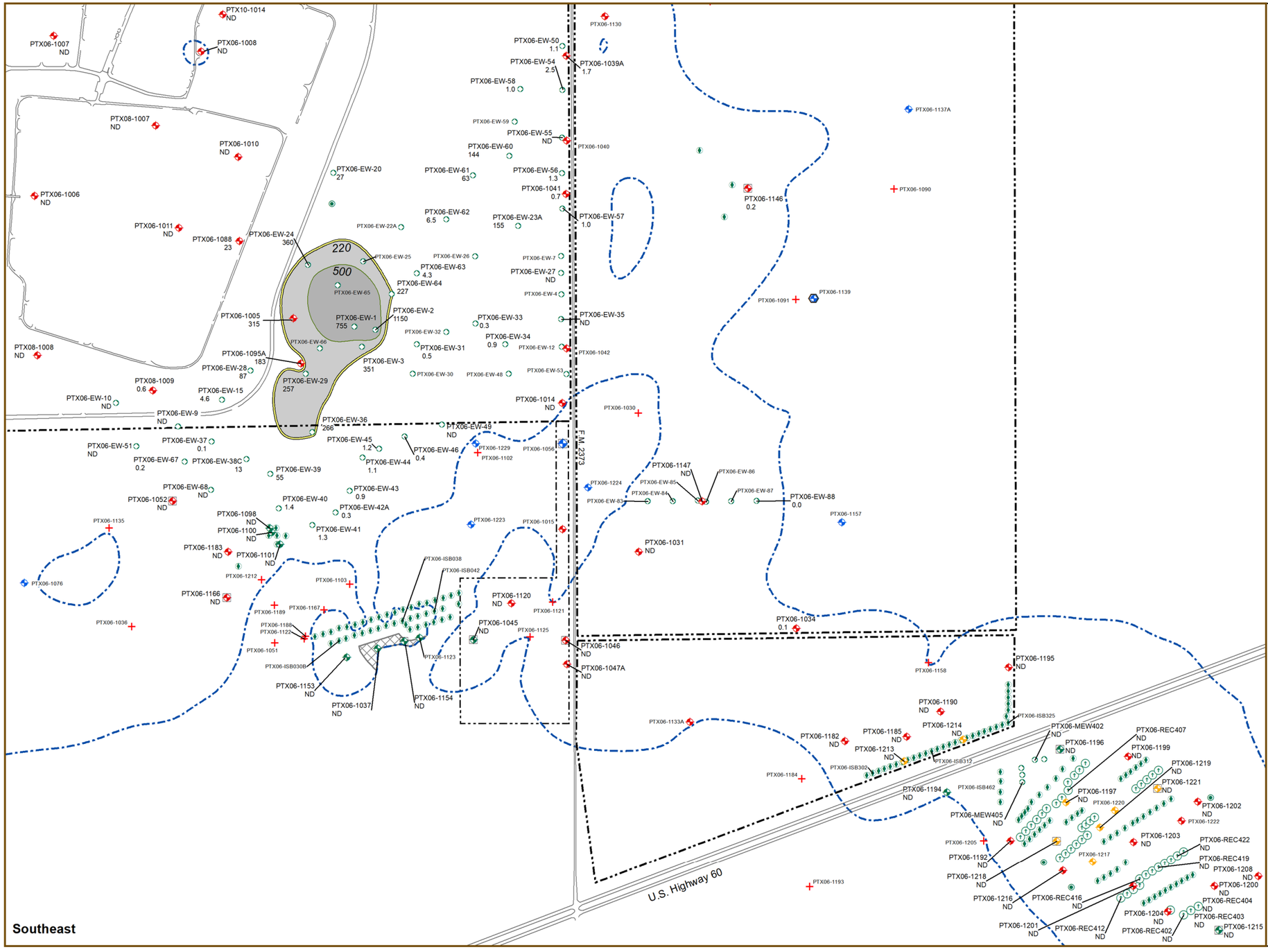
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
ND
See Playa 1 Inset
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1049
ND
PTX06-1023
ND
PTX06-1044
Playa 1
PTX06-1013
ND
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
0.6
PTX06-EW-18
1.5
PTX06-EW-17
8.2
PTX06-EW-16
7.5
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
ND
PTX06-1059
PTX06-1085
Playa 2
PTX06-1058
PTX06-1060
F.M. 683
Zone 11
Zone 12
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
Zone 10
500
220
PTX06-1131
ND
PTX06-1075
See Zone 11 Inset
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,3,5-Trinitrobenzene Isoconcentrations
220 µg/L
500 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
1,3,5-Trinitrobenzene
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer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PTX06-EW-20 27
PTX06-EW-61 63
PTX06-EW-62 6.5
PTX06-EW-23A 155
PTX06-EW-22A
PTX06-EW-25
PTX06-EW-26
PTX06-EW-63 4.3
PTX06-EW-64 227
PTX06-EW-65
220
500
PTX06-EW-1 755
PTX06-EW-2 1150
PTX06-EW-66
PTX06-1005 315
PTX08-1008 ND
PTX06-1095A 183
PTX06-EW-28 87
PTX06-EW-29 257
PTX06-EW-3 351
PTX06-EW-31 0.5
PTX06-EW-32
PTX06-EW-33 0.3
PTX06-EW-34 0.9
PTX06-EW-12
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PTX06-EW-48
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PTX06-EW-35 ND
PTX06-1042
PTX08-1009 0.6
PTX06-EW-15 4.6
PTX06-EW-10 ND
PTX06-EW-9 ND
PTX06-EW-36 266
PTX06-EW-49 ND
PTX06-1014 ND
PTX06-1030
PTX06-EW-51 ND
PTX06-EW-37 0.1
PTX06-EW-67 0.2
PTX06-EW-38C 13
PTX06-EW-45 1.2
PTX06-EW-46 0.4
PTX06-EW-44 1.1
PTX06-1229
PTX06-1102
PTX06-1059
F.M. 2373
PTX06-EW-39 55
PTX06-EW-68 ND
PTX06-1052 ND
PTX06-EW-40 1.4
PTX06-EW-43 0.9
PTX06-EW-42A 0.3
PTX06-EW-41 1.3
PTX06-1098 ND
PTX06-1100 ND
PTX06-1183 ND
PTX06-1101 ND
PTX06-1212
PTX06-1135
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PTX06-1188
PTX06-1122
PTX06-1051
PTX06-ISB038
PTX06-ISB042
PTX06-ISB030B
PTX06-1153 ND
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PTX06-1123
PTX06-1103
PTX06-1223
PTX06-1015
PTX06-1120 ND
PTX06-1121
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PTX06-1047A ND
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PTX06-EW-59
PTX06-EW-55 ND
PTX06-1040
PTX06-EW-60 144
PTX06-EW-56 1.3
PTX06-1041 0.7
PTX06-EW-57 1.0
PTX06-1137A
PTX06-1090
PTX06-1146 0.2
PTX06-1091
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PTX06-1147 ND
PTX06-EW-86
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PTX06-EW-84
PTX06-EW-87
PTX06-EW-88 0.0
PTX06-1224
PTX06-EW-83
PTX06-1157
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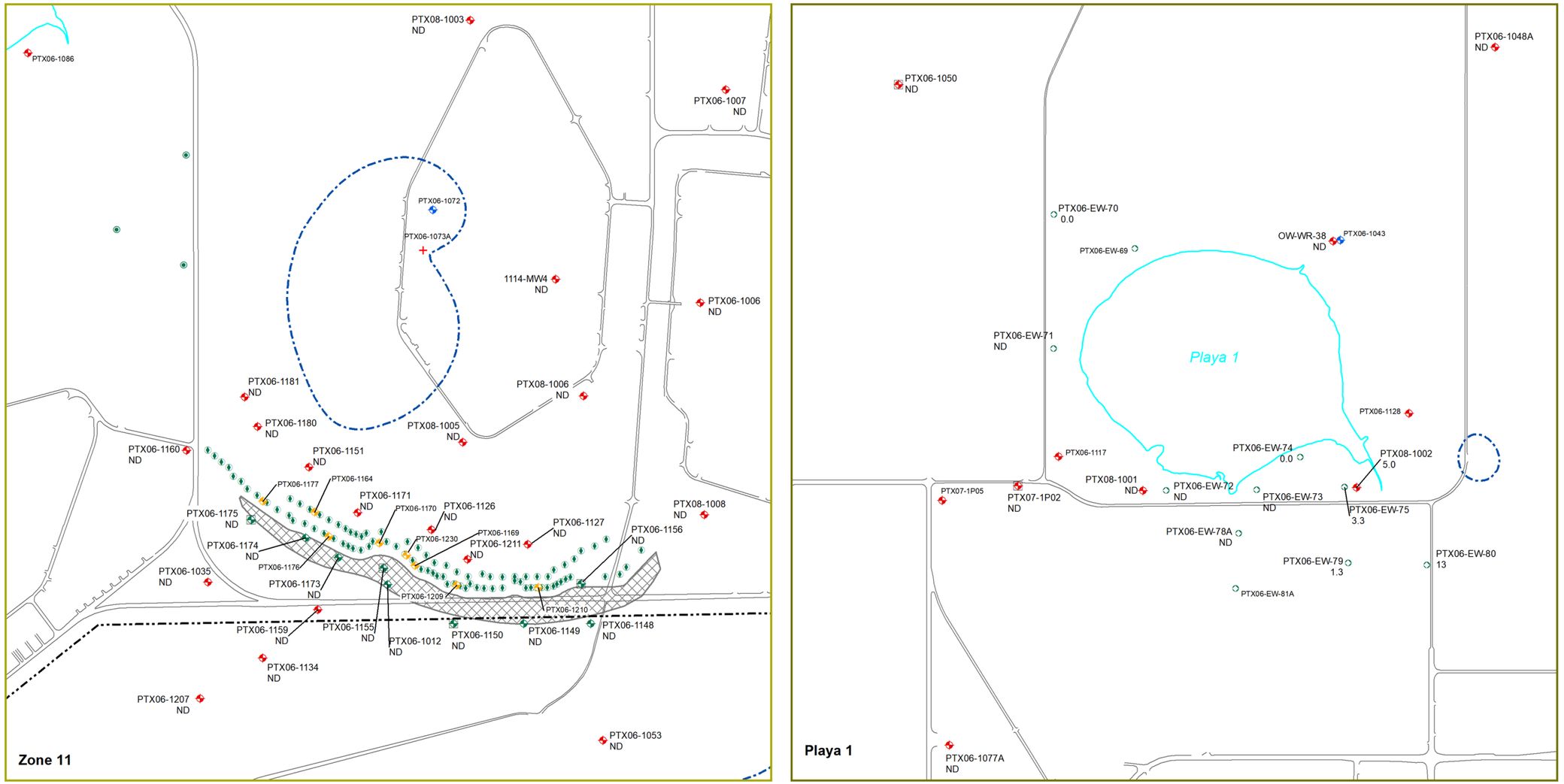
PTX06-REC402 ND
PTX06-1201 ND
PTX06-REC412 ND
PTX06-1193
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,3,5-Trinitrobenzene Isoconcentrations
220 µg/L
500 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L
N
0
500
1,000
1,500
Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
1,3,5-Trinitrobenzene
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

1,3,5-Trinitrobenzene Isoconcentrations
- 220 µg/L
- 500 µg/L
- Area under ISB Influence

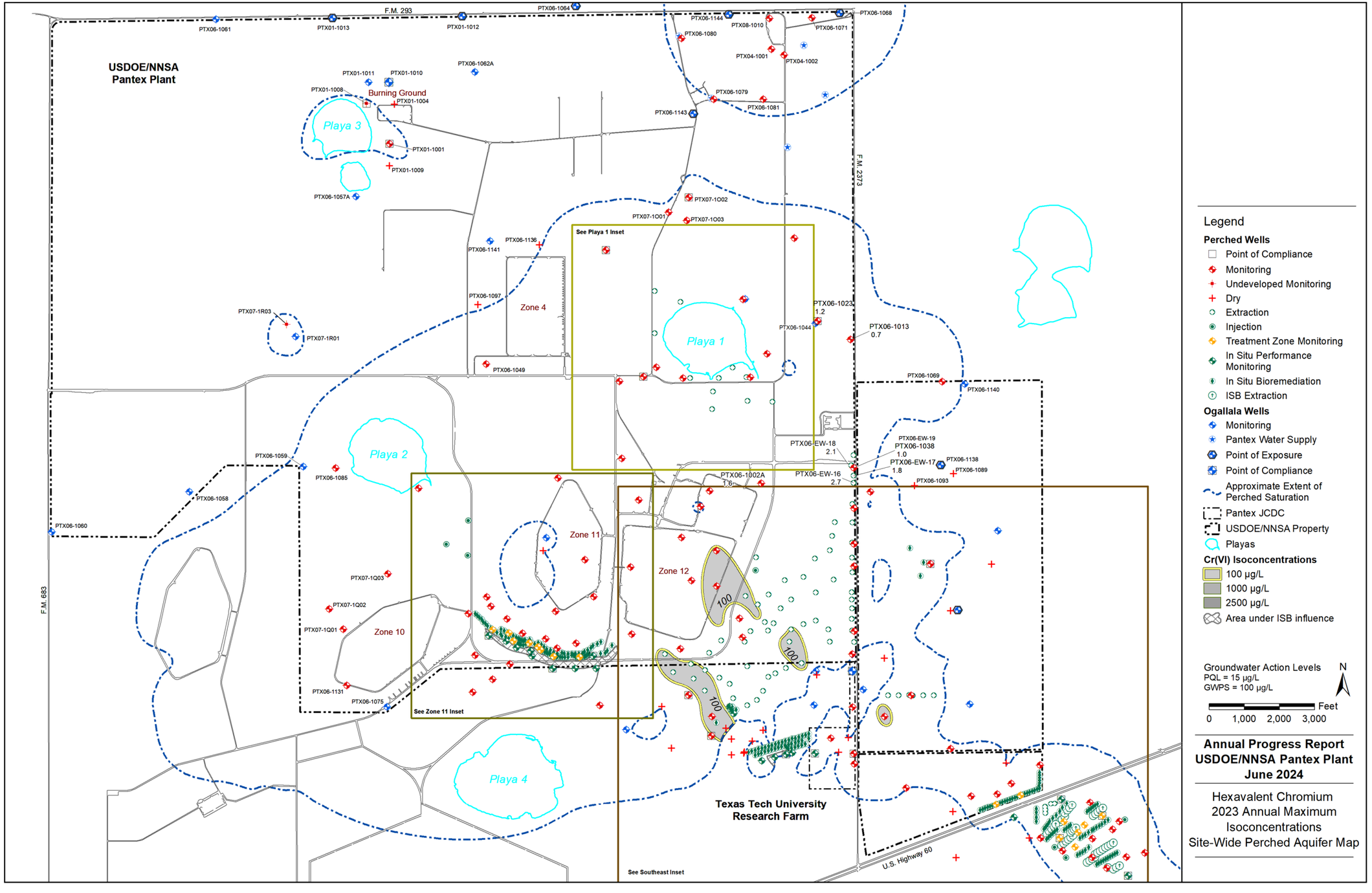
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L

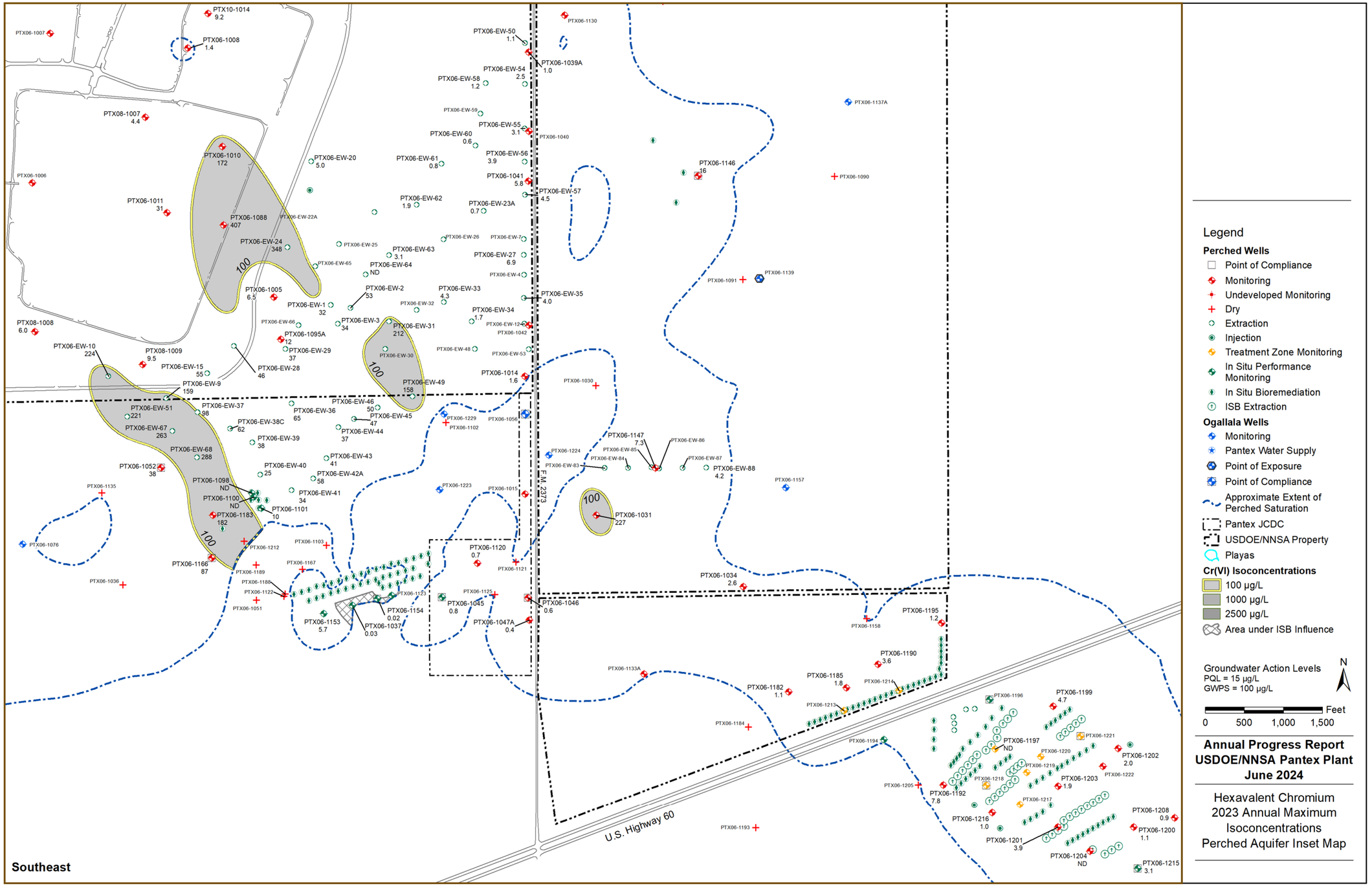
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

1,3,5-Trinitrobenzene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
PTX07-1O01
PTX07-1O03
See Playa 1 Inset
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1049
PTX06-1023
1.2
PTX06-1044
PTX06-1013
0.7
Playa 1
PTX06-1069
PTX06-1140
PTX06-EW-19
PTX06-1038
1.0
PTX06-EW-18
2.1
PTX06-EW-17
1.8
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-EW-16
2.7
PTX06-1002A
1.6
PTX06-1059
PTX06-1085
Playa 2
PTX06-1058
PTX06-1060
F.M. 683
Zone 11
Zone 12
100
100
100
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
Zone 10
PTX06-1131
PTX06-1075
See Zone 11 Inset
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Cr(VI) Isoconcentrations
100 µg/L
1000 µg/L
2500 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L
N
0 1,000 2,000 3,000 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
Hexavalent Chromium
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

Cr(VI) Isoconcentrations

- 100 µg/L
- 1000 µg/L
- 2500 µg/L
- Area under ISB Influence

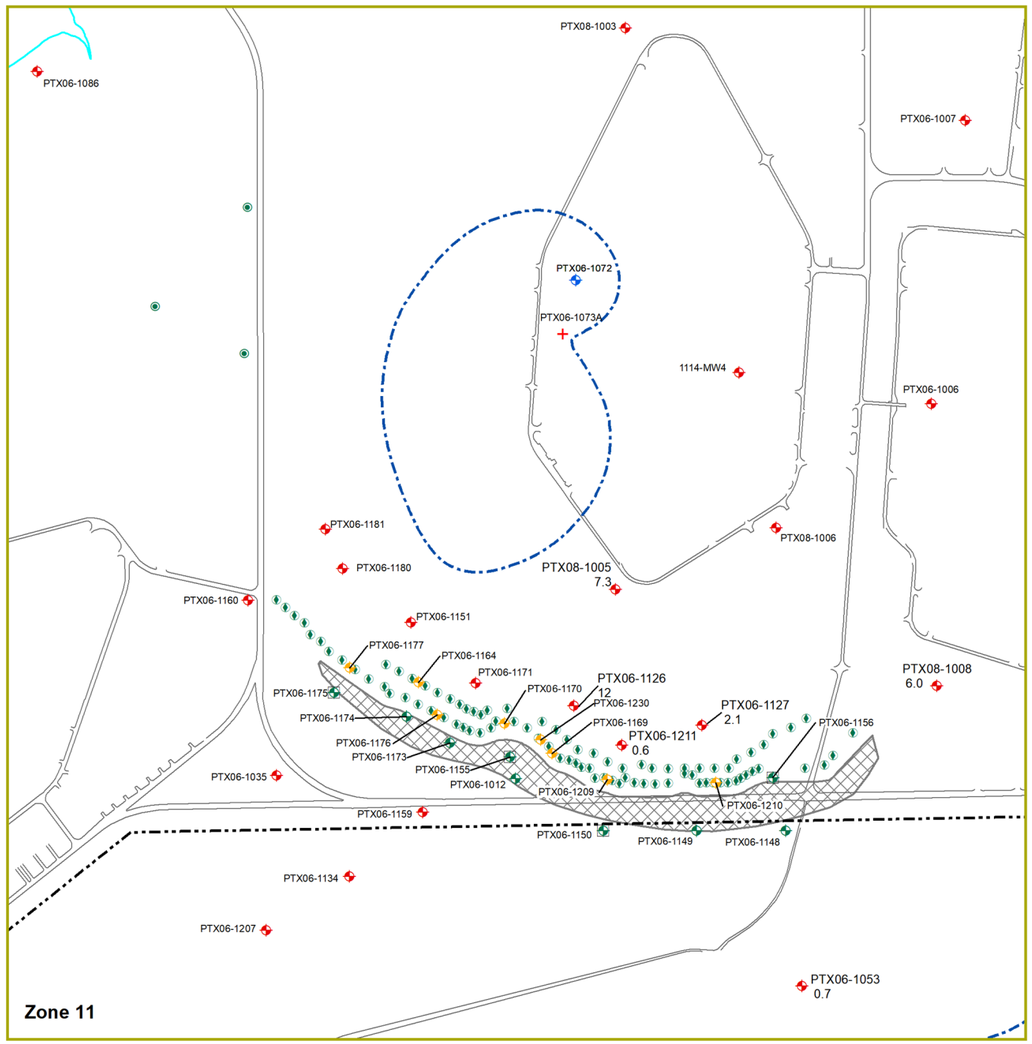
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L

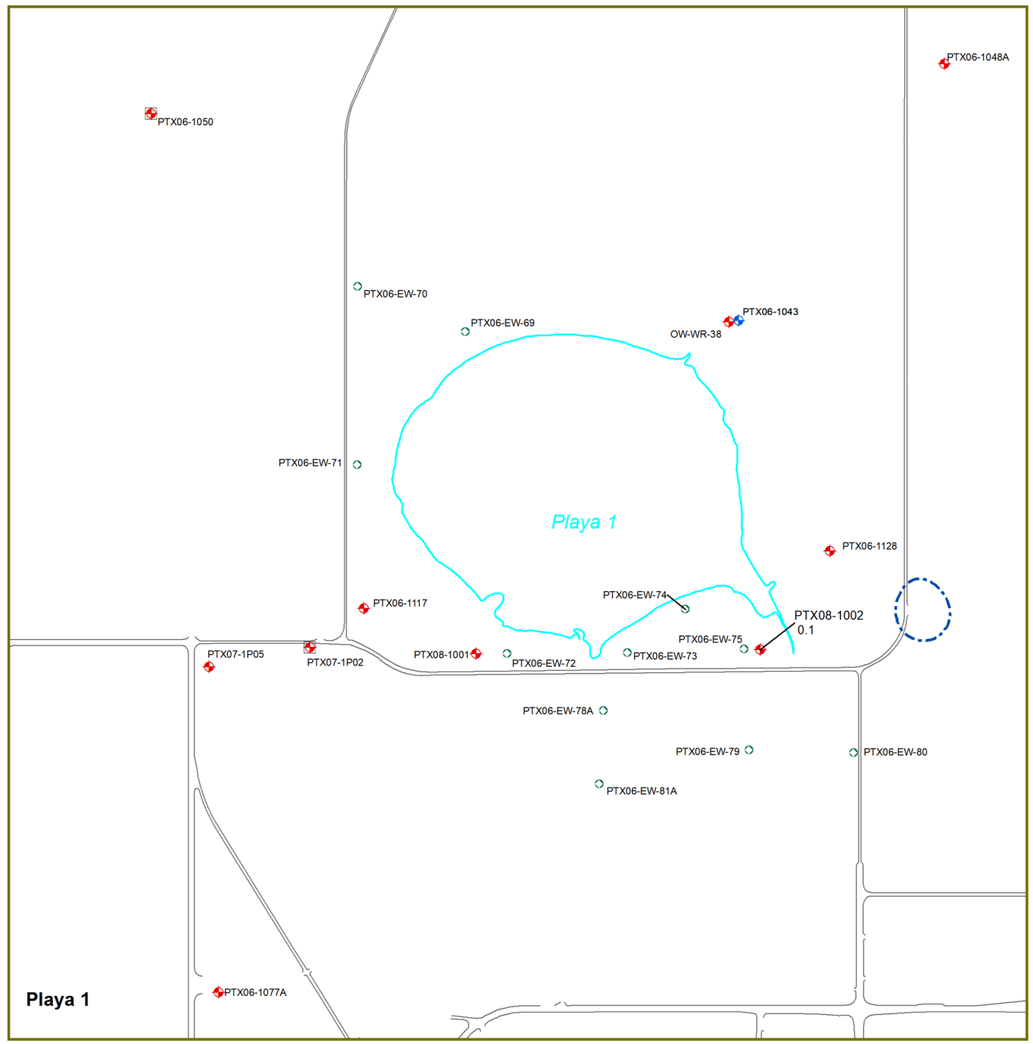
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Hexavalent Chromium
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

Cr(VI) Isoconcentrations
- 100 µg/L
- 1000 µg/L
- 2500 µg/L
- Area under ISB Influence

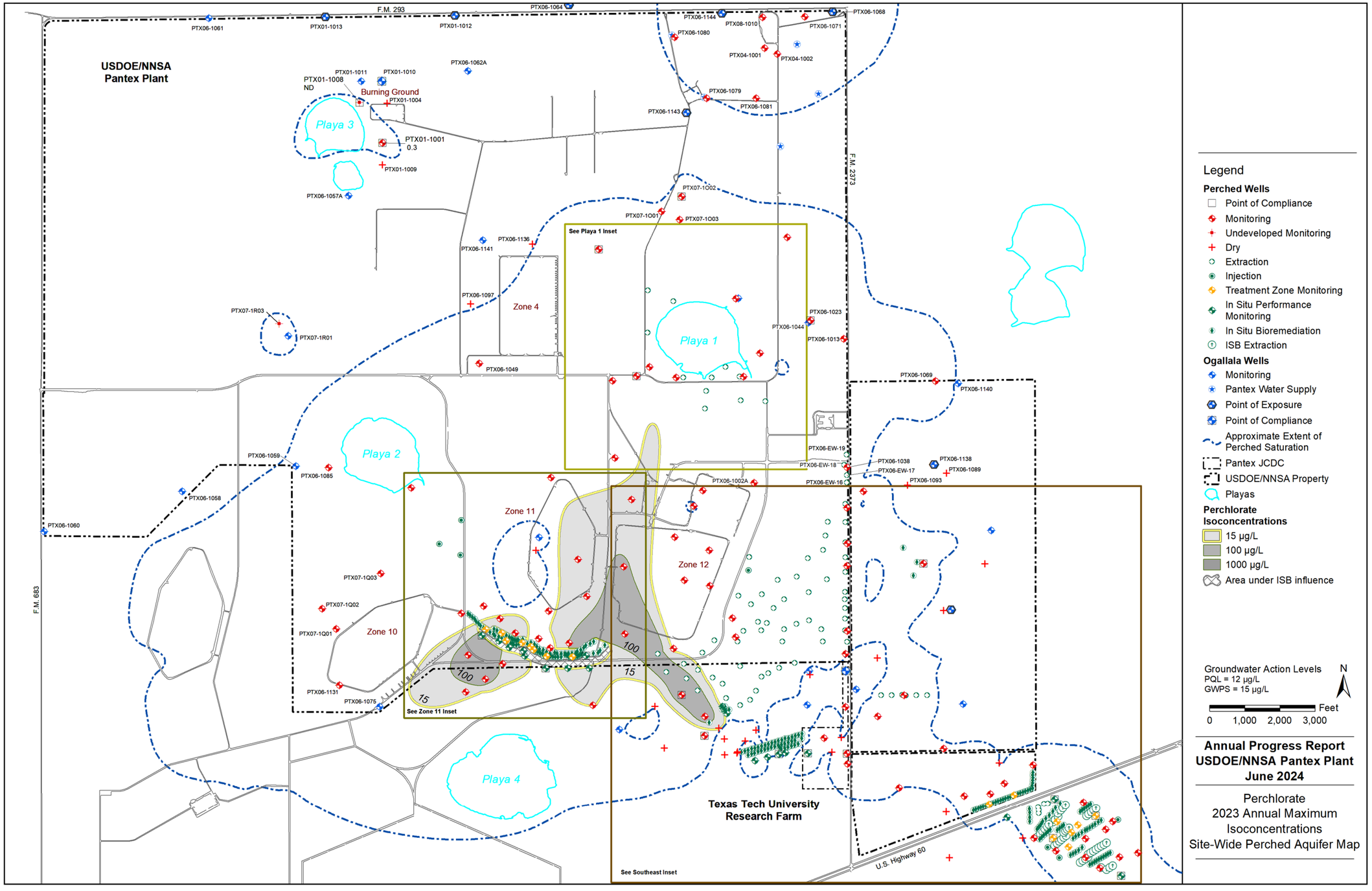
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L

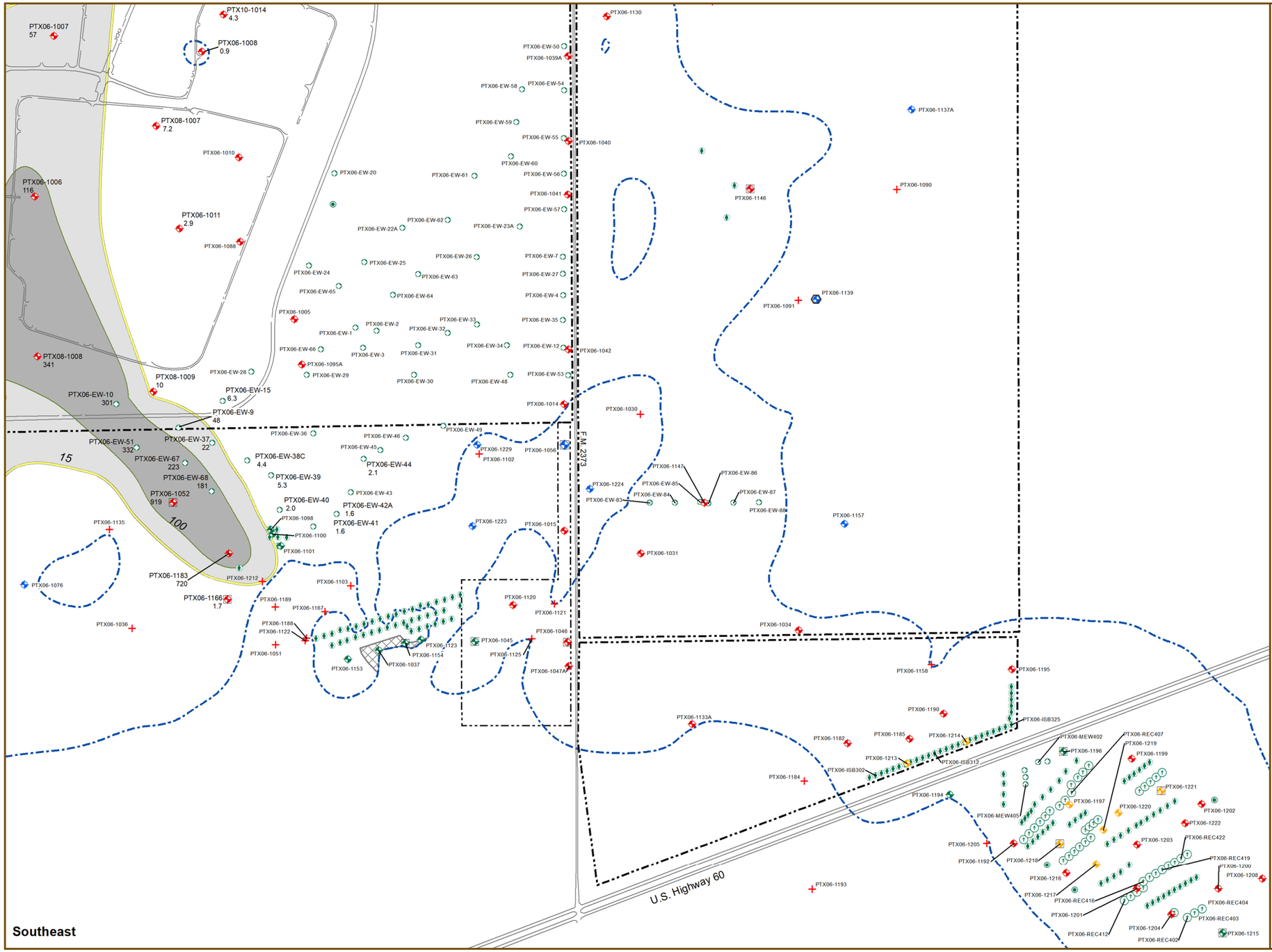
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Hexavalent Chromium
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX08-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
0.3
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
PTX07-1O01
PTX07-1O03
See Playa 1 Inset
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1023
PTX06-1044
PTX06-1013
Playa 1
PTX06-1049
PTX06-1069
PTX06-1140
PTX06-1059
PTX06-1085
Playa 2
PTX06-1058
PTX06-1060
PTX06-EW-19
PTX06-EW-18
PTX06-EW-17
PTX06-EW-16
PTX06-1038
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
Zone 11
Zone 12
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
Zone 10
100
15
100
15
PTX06-1131
PTX06-1075
See Zone 11 Inset
F.M. 683
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Perchlorate Isoconcentrations
15 µg/L
100 µg/L
1000 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 15 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
Perchlorate
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas
- Area under ISB Influence

Perchlorate Isoconcentrations

- 15 µg/L
- 100 µg/L
- 1000 µg/L

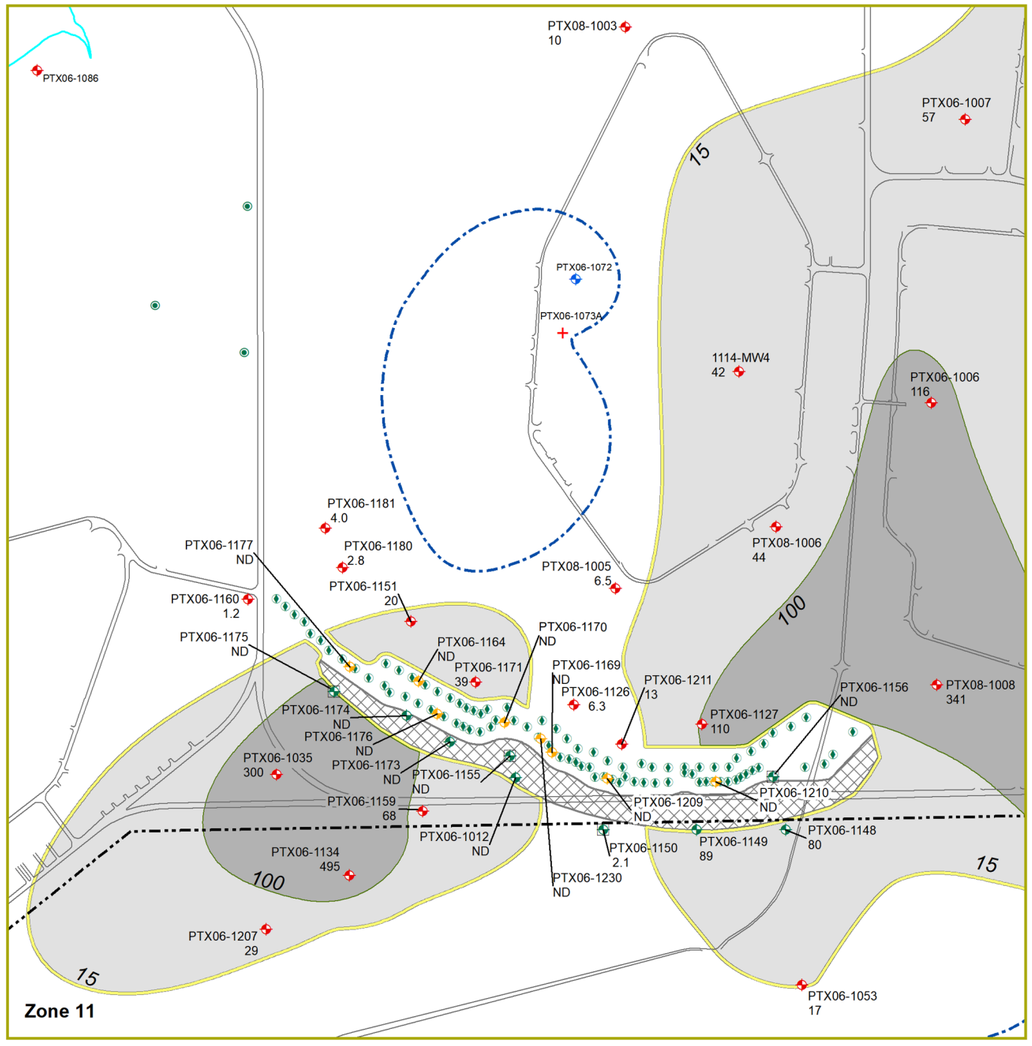
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 15 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Perchlorate
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas
- Area under ISB Influence

Perchlorate Isoconcentrations
- 15 µg/L
- 100 µg/L
- 1000 µg/L

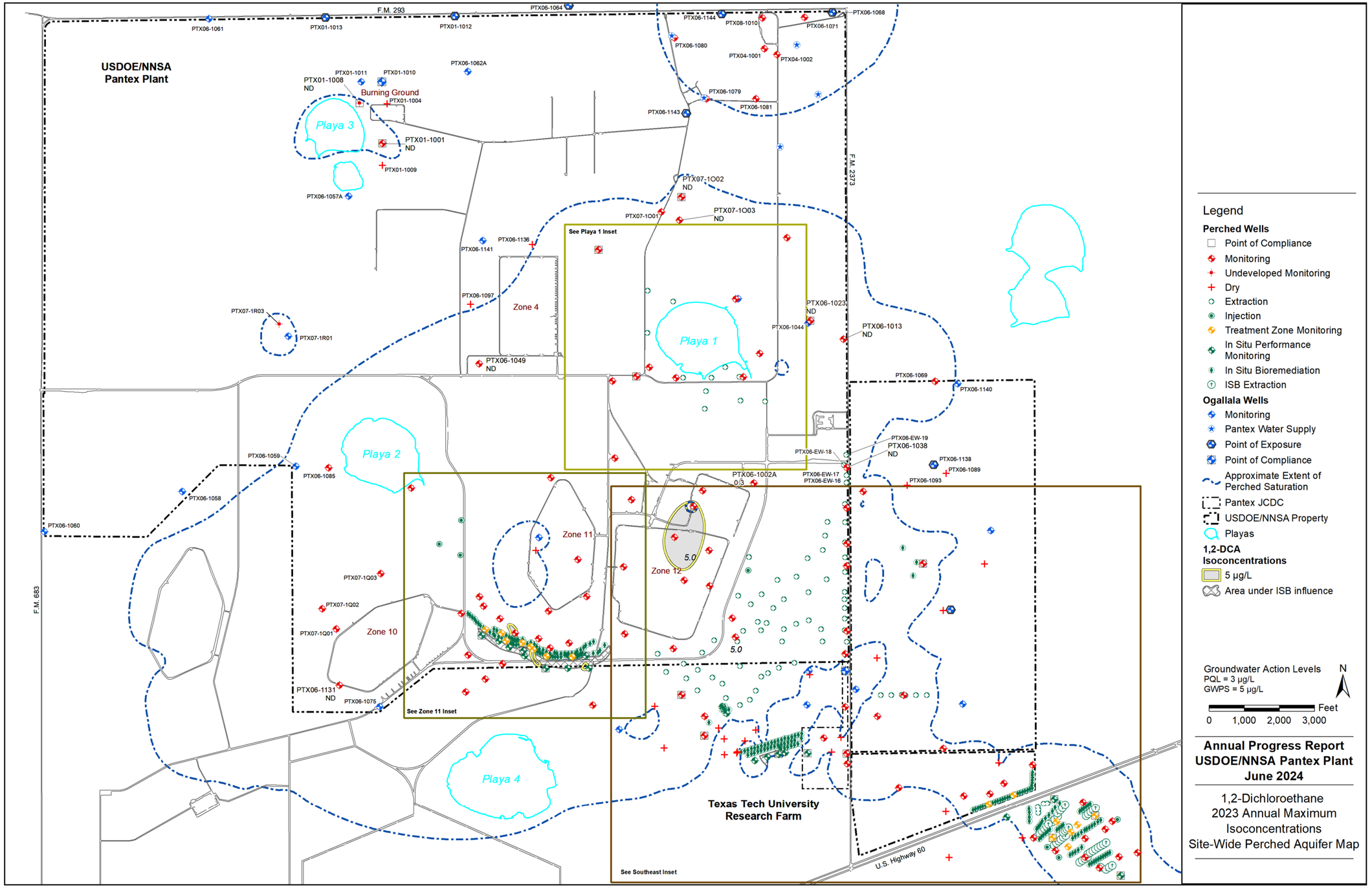
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 15 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Perchlorate
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance

- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

1,2-DCA Isoconcentrations
- 5 µg/L
- Area under ISB influence

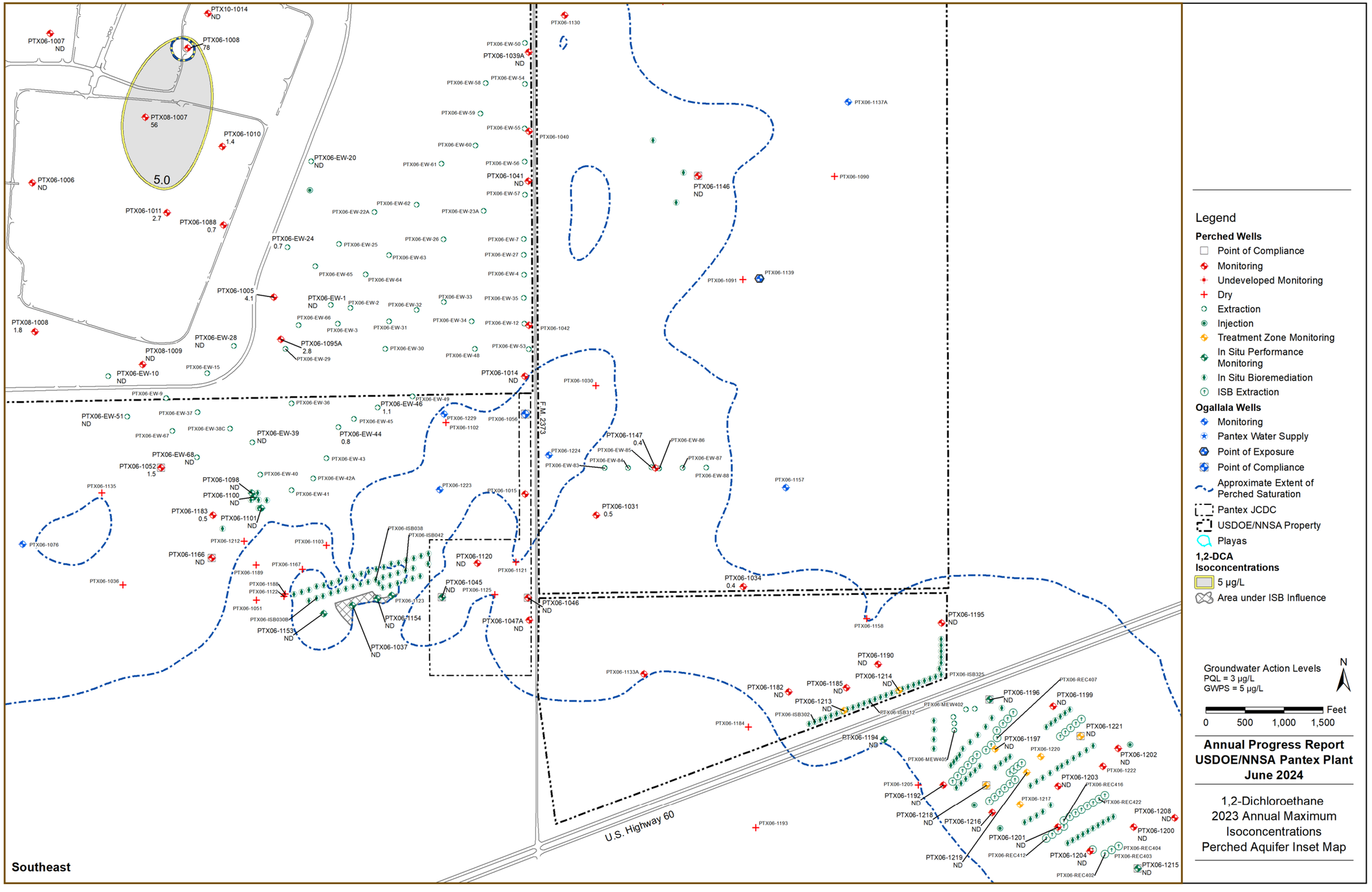
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L

N

0 1,000 2,000 3,000 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

1,2-Dichloroethane
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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ND
PTX06-1007
ND
PTX06-1008
78
PTX08-1007
56
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1.4
5.0
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ND
PTX06-1011
2.7
PTX06-1088
0.7
PTX06-EW-20
ND
PTX06-EW-24
0.7
PTX06-1005
4.1
PTX06-EW-1
ND
PTX08-1008
1.8
PTX06-EW-28
ND
PTX08-1009
ND
PTX06-1095A
2.8
PTX06-EW-10
ND
PTX06-1130
PTX06-EW-50
PTX06-1039A
ND
PTX06-EW-58
PTX06-EW-54
PTX06-EW-59
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PTX06-1014
ND
PTX06-1030
PTX06-EW-9
PTX06-EW-49
PTX06-EW-36
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PTX06-EW-37
PTX06-EW-51
ND
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PTX06-1102
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PTX06-EW-38C
PTX06-EW-67
PTX06-EW-39
ND
PTX06-EW-44
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PTX06-EW-68
ND
PTX06-EW-43
PTX06-1052
1.5
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PTX06-EW-42A
PTX06-EW-41
PTX06-1098
ND
PTX06-1100
ND
PTX06-1183
0.5
PTX06-1101
ND
PTX06-1135
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PTX06-1036
PTX06-1212
PTX06-1103
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PTX06-ISB038
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ND
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ND
PTX06-1047A
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PTX06-1031
0.5
PTX06-1137A
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PTX06-1157
PTX06-1034
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PTX06-1196
ND
PTX06-1199
ND
PTX06-REC407
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PTX06-1197
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PTX06-1203
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PTX06-REC416
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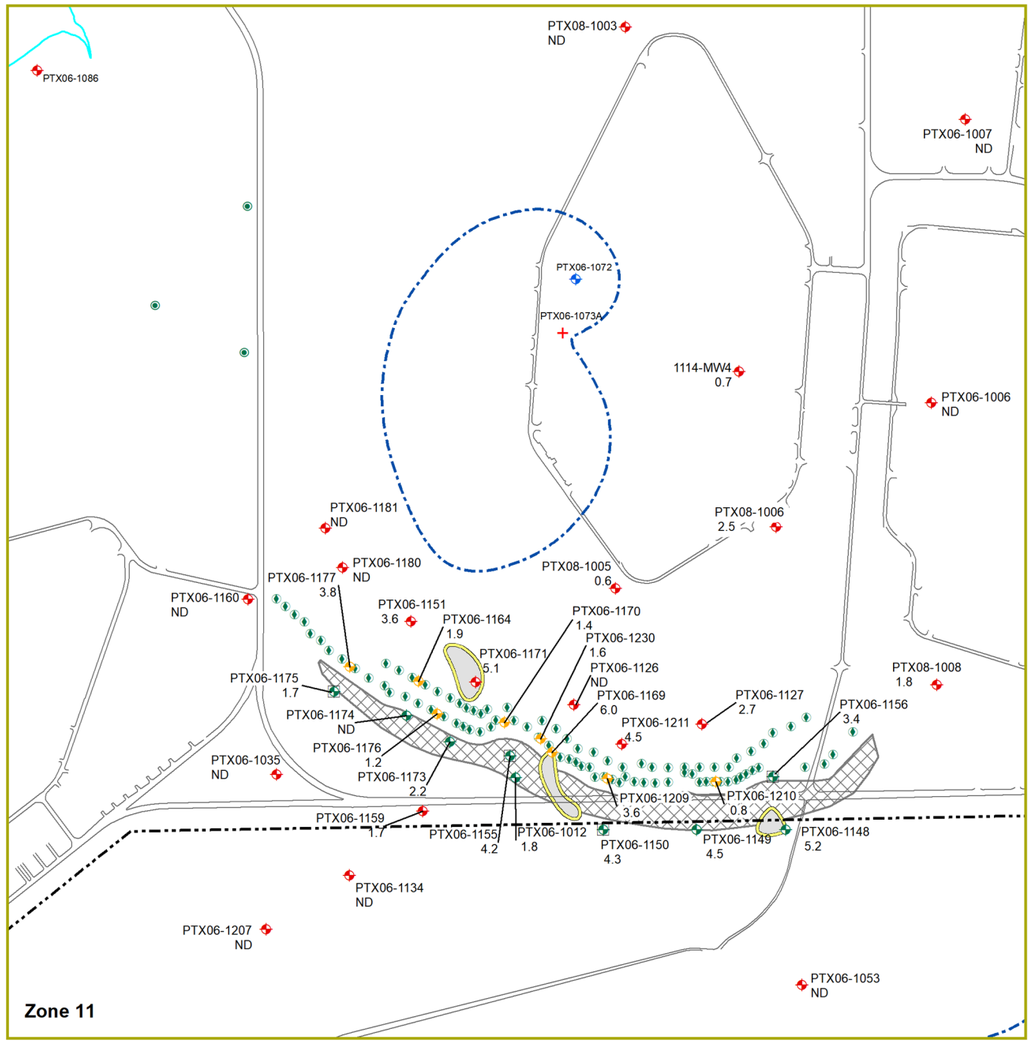
ND
PTX06-REC404
PTX06-REC403
PTX06-1215
ND
PTX06-REC402
PTX06-1219
ND
PTX06-1193
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,2-DCA Isoconcentrations
5 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
1,2-Dichloroethane
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

- Point of Compliance
- **Perched Wells**
  - Point of Compliance
  - Monitoring
  - Undeveloped Monitoring
  - Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction
- **Ogallala Wells**
  - Monitoring
  - Pantex Water Supply
  - Point of Exposure
  - Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas
- **1,2-DCA Isoconcentrations**
  - 5 µg/L
  - Area under ISB Influence

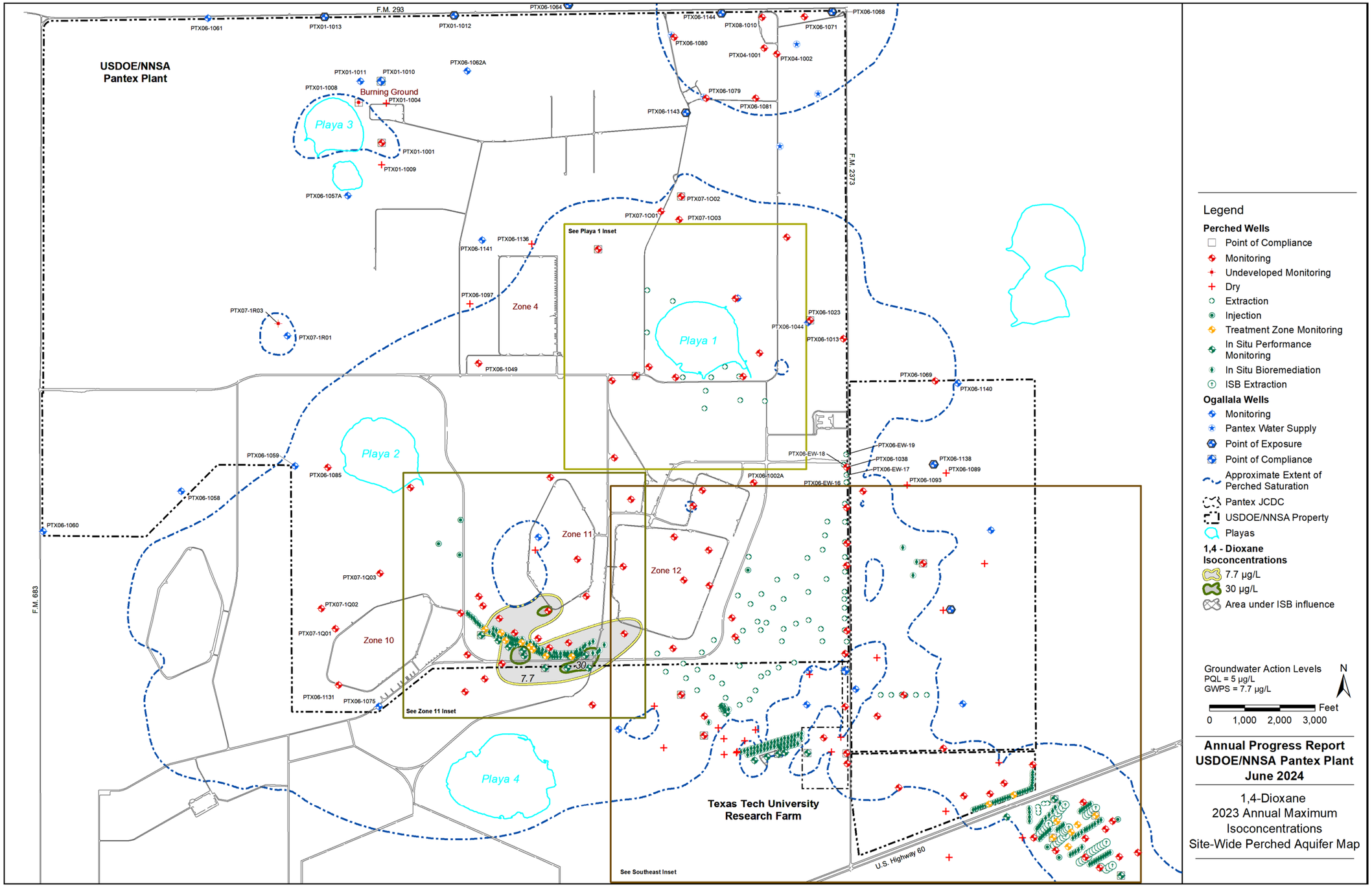
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

1,2-Dichloroethane
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
7.7
30
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
PTX06-1068
PTX06-1071
PTX06-1080
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
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PTX07-1O02
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PTX06-1058
PTX06-1060
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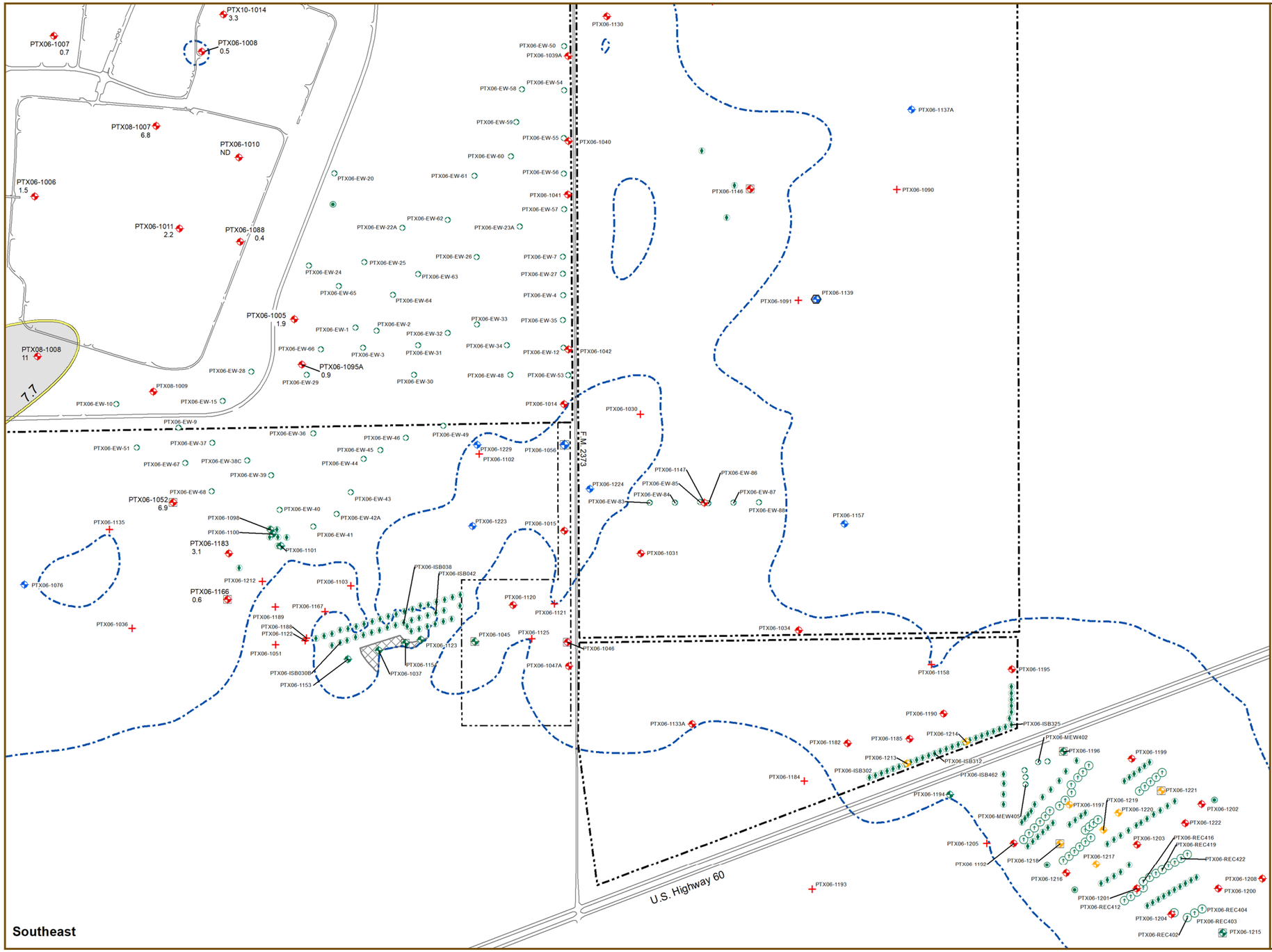
PTX07-1Q01
PTX06-1131
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,4 - Dioxane Isoconcentrations
7.7 µg/L
30 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
1,4-Dioxane
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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PTX06-1008
0.5
PTX08-1007
6.8
PTX06-1010
ND
PTX06-1006
1.5
PTX06-1011
2.2
PTX06-1088
0.4
PTX06-1005
1.9
PTX08-1008
11
7.7
PTX06-1095A
0.9
PTX08-1009
PTX06-1052
6.9
PTX06-1135
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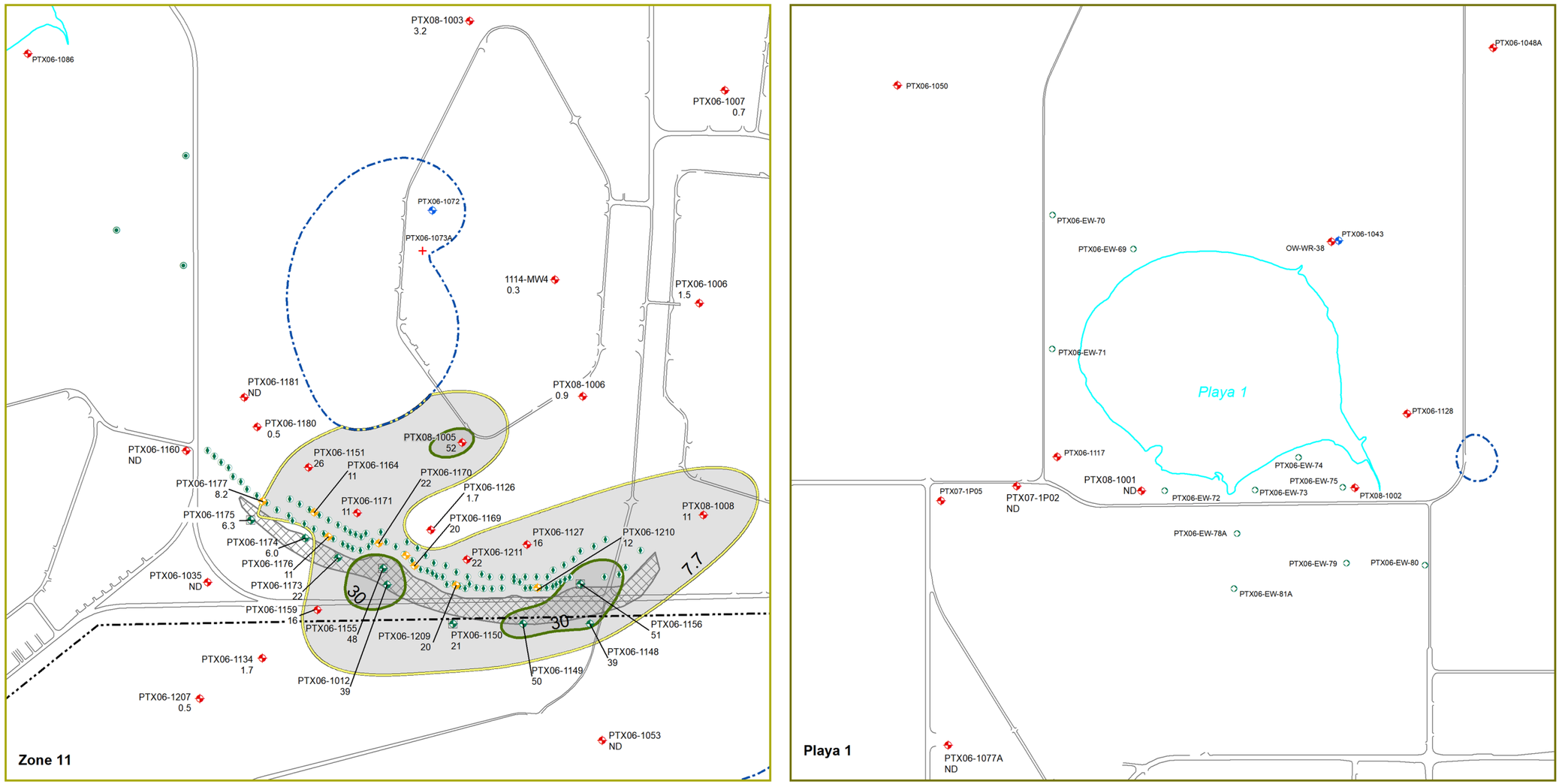
PTX06-EW-85
PTX06-EW-84
PTX06-EW-87
PTX06-EW-83
PTX06-EW-88
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,4 - Dioxane Isoconcentrations
7.7 µg/L
30 µg/L
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
1,4-Dioxane
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

1,4 - Dioxane Isoconcentrations
- 7.7 µg/L
- 30 µg/L
- Area under ISB Influence

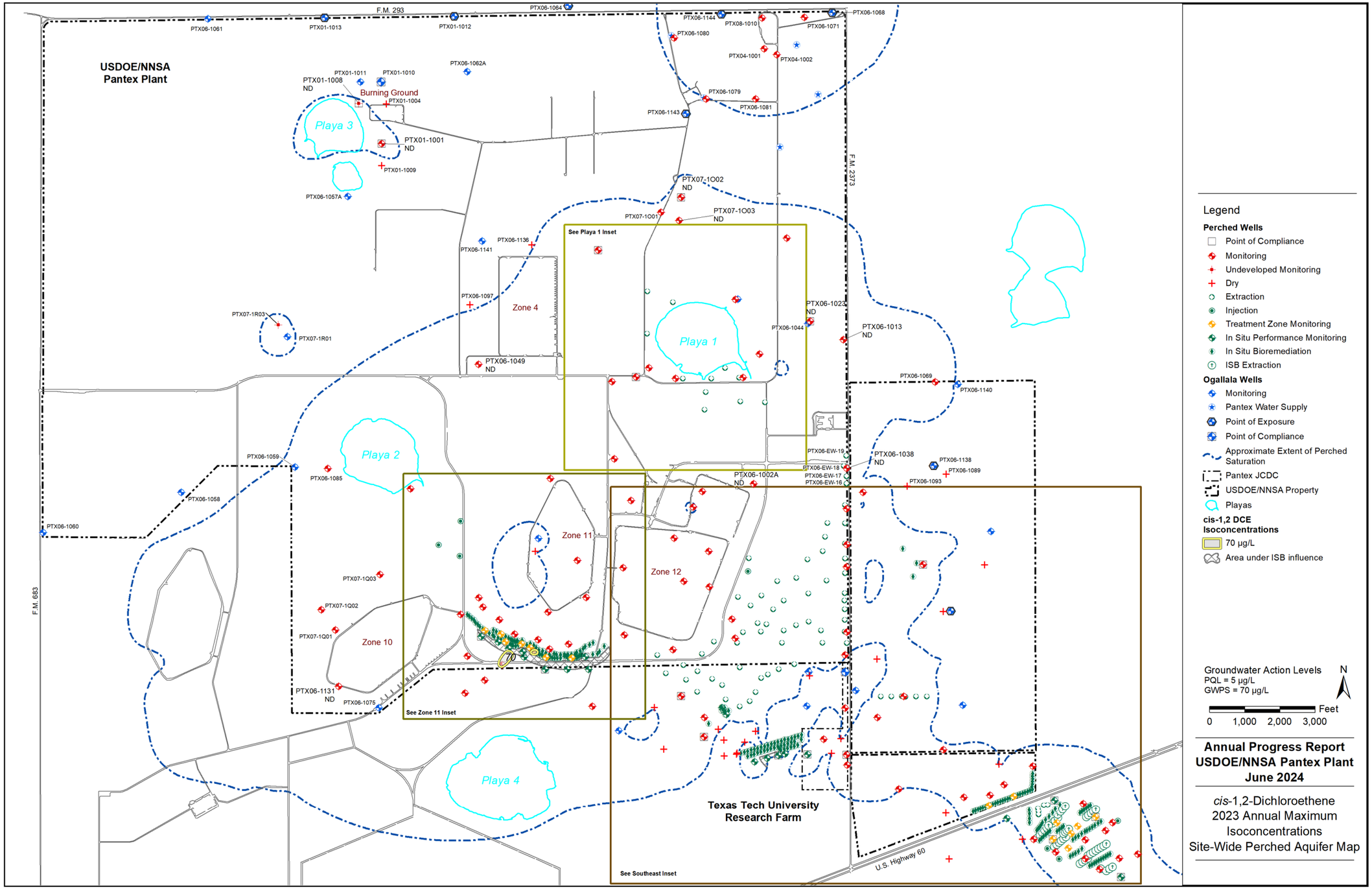
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

1,4-Dioxane
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX01-1008 ND
PTX01-1001 ND
PTX07-1O02 ND
PTX07-1O03 ND
PTX06-1049 ND
PTX06-1023 ND
PTX06-1013 ND
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PTX06-1002A ND
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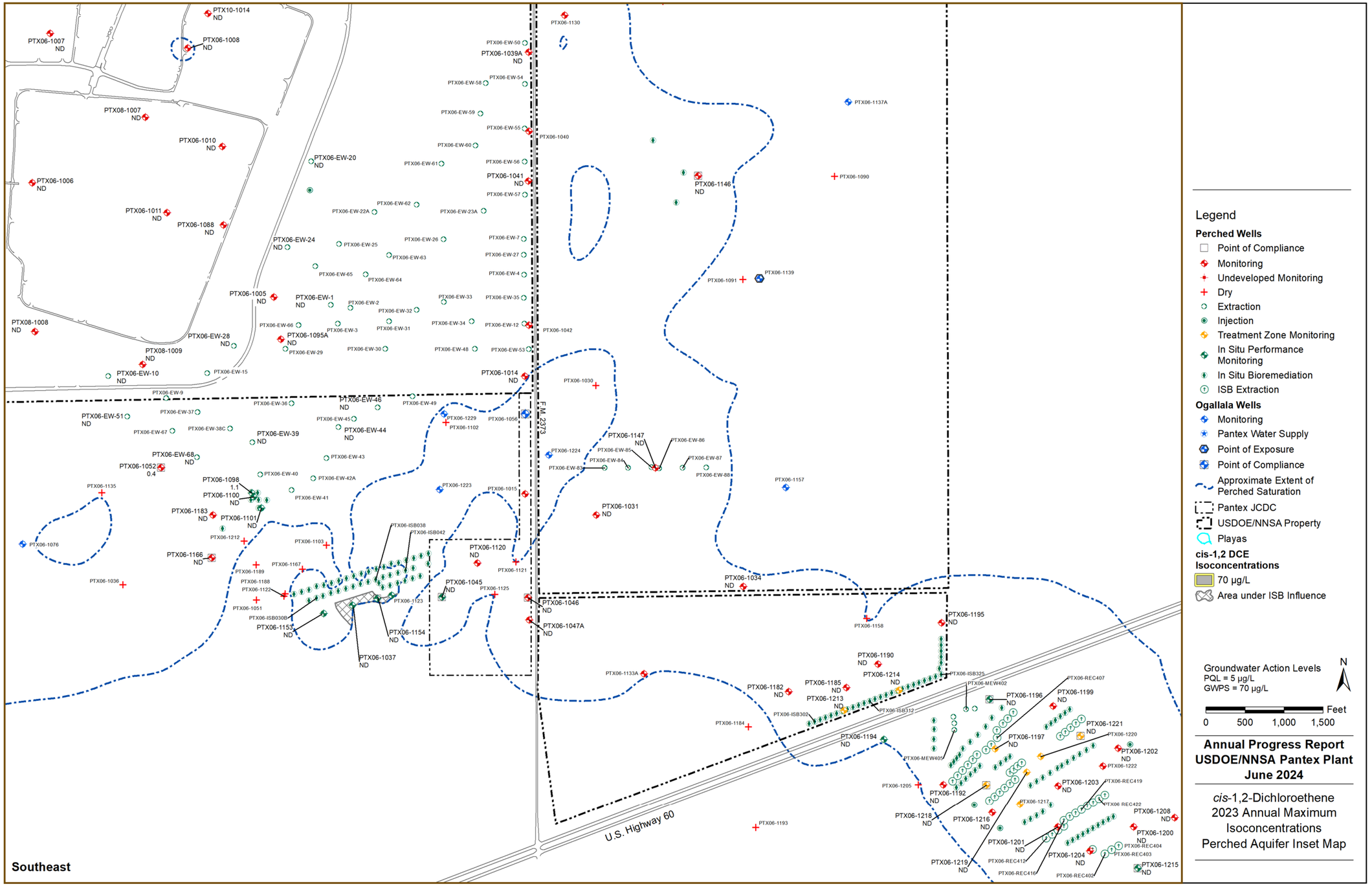
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
cis-1,2 DCE Isoconcentrations
70 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 70 µg/L
N
0 1,000 2,000 3,000 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
cis-1,2-Dichloroethene
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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PTX06-1008 ND
PTX08-1007 ND
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PTX06-1006 ND
PTX06-1011 ND
PTX06-1088 ND
PTX06-EW-20 ND
PTX06-EW-24 ND
PTX06-1005 ND
PTX06-EW-1 ND
PTX08-1008 ND
PTX06-EW-28 ND
PTX06-1095A ND
PTX08-1009 ND
PTX06-EW-10 ND
PTX06-EW-46 ND
PTX06-EW-51 ND
PTX06-EW-39 ND
PTX06-EW-44 ND
PTX06-EW-68 ND
PTX06-1052 0.4
PTX06-1098 1.1
PTX06-1100 ND
PTX06-1183 ND
PTX06-1101 ND
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PTX06-1195 ND
PTX06-1196 ND
PTX06-1199 ND
PTX06-1197 ND
PTX06-1221 ND
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PTX06-1201 ND
PTX06-1204 ND
PTX06-1219 ND
PTX06-1215 ND
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PTX06-REC404
PTX06-REC403
PTX06-REC412
PTX06-REC416
PTX06-REC402
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
cis-1,2 DCE Isoconcentrations
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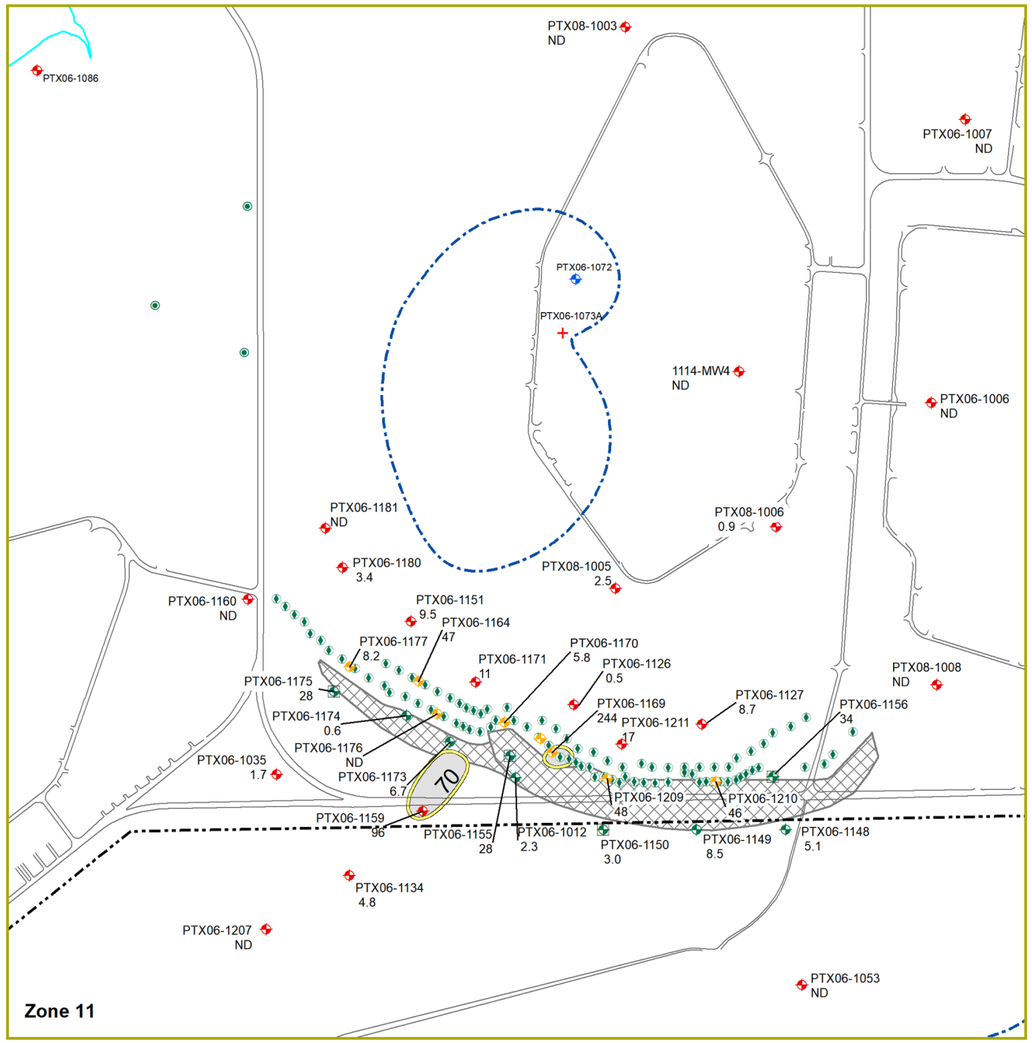
N
0 500 1,000 1,500 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
cis-1,2-Dichloroethene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
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- Pantex Water Supply
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cis-1,2 DCE Isoconcentrations
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- Area under ISB Influence

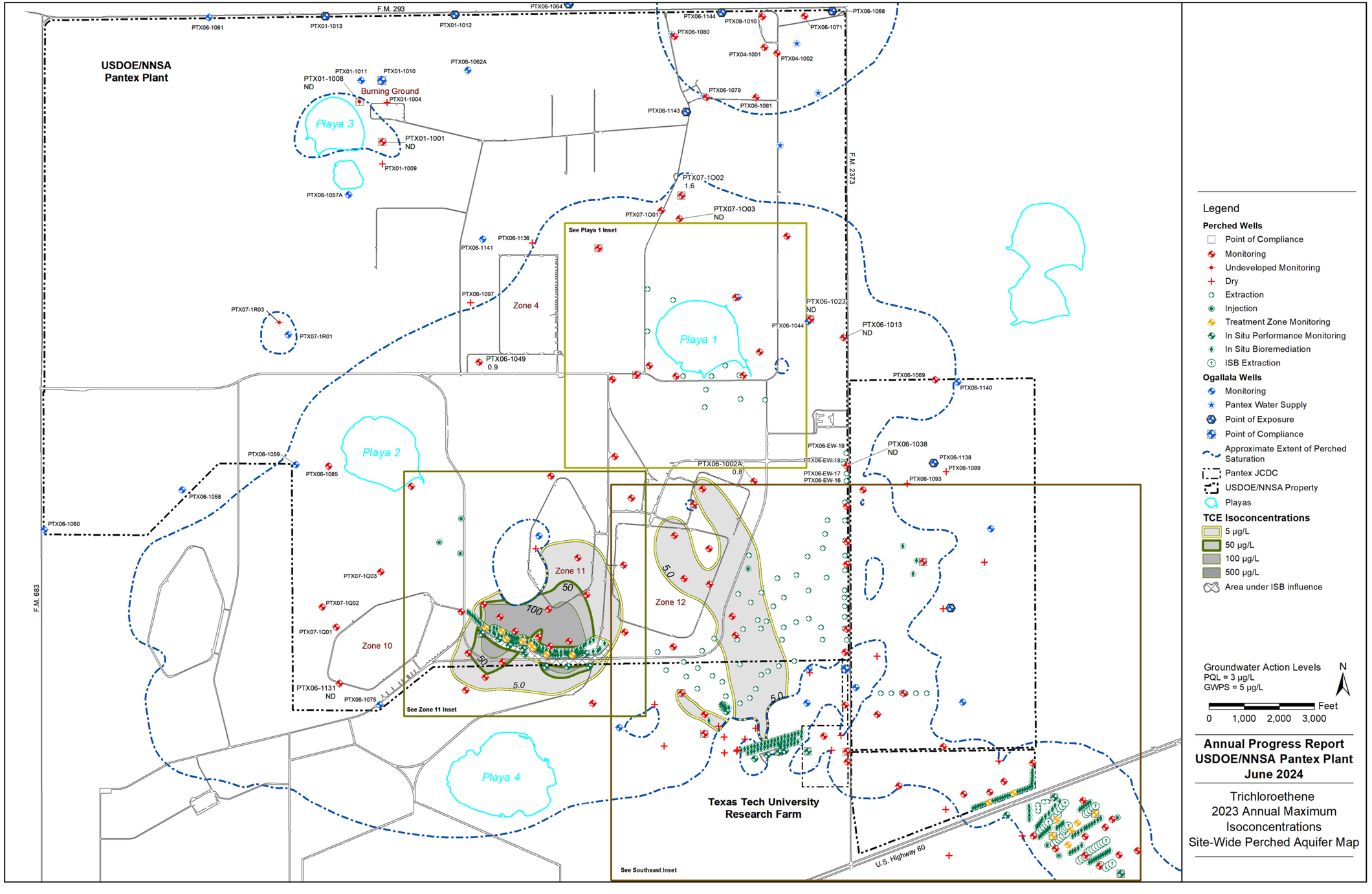
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 70 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

cis-1,2-Dichloroethene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps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Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1010
PTX06-1068
PTX06-1080
PTX06-1071
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1008
ND
PTX01-1011
PTX01-1010
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
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PTX07-1O01
PTX07-1O03
ND
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PTX06-1141
PTX06-1097
PTX07-1R03
PTX07-1R01
PTX06-1049
0.9
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
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PTX06-1059
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PTX06-1058
PTX06-1060
PTX06-EW-19
PTX06-EW-18
PTX06-EW-17
PTX06-EW-16
PTX06-1002A
0.8
PTX06-1038
ND
PTX06-1138
PTX06-1089
PTX06-1093
PTX07-1Q03
PTX07-1Q02
PTX07-1Q01
PTX06-1131
ND
PTX06-1075
50
100
5.0
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0
1,000
2,000
3,000
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
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50 µg/L
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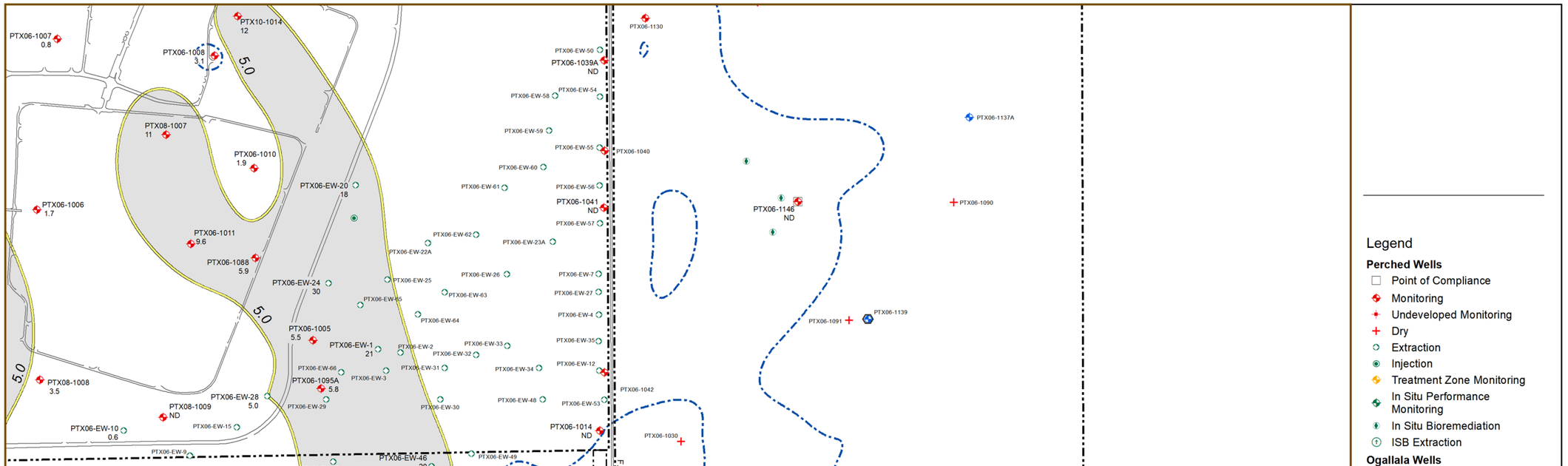
Area under ISB influence
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
Trichloroethene
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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PTX06-1008 3.1
5.0
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PTX06-1006 1.7
PTX06-1011 9.6
PTX06-1088 5.9
PTX06-EW-24 30
PTX06-1005 5.5
PTX06-EW-1 21
PTX08-1008 3.5
PTX06-1095A 5.8
PTX06-EW-28 5.0
PTX08-1009 ND
PTX06-EW-10 0.6
PTX06-EW-46 20
PTX06-EW-51 1.4
PTX06-EW-44 18
PTX06-EW-39 3.6
PTX06-EW-68 0.4
PTX06-1052 7.0
PTX06-1098 1.8
PTX06-1100 1.5
PTX06-1183 6.2
PTX06-1101 3.1
PTX06-1166 1.8
PTX06-1153 ND
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PTX06-1046 ND
PTX06-1047A ND
PTX06-1130
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PTX06-1040
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PTX06-1042
PTX06-1014 ND
PTX06-1030
PTX06-1102
PTX06-1229
PTX06-1058
PTX06-1223
PTX06-1015
PTX06-1121
PTX06-1103
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PTX06-1184
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PTX06-REC402
PTX06-1193
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Southeast
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In Situ Bioremediation
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Point of Exposure
Point of Compliance
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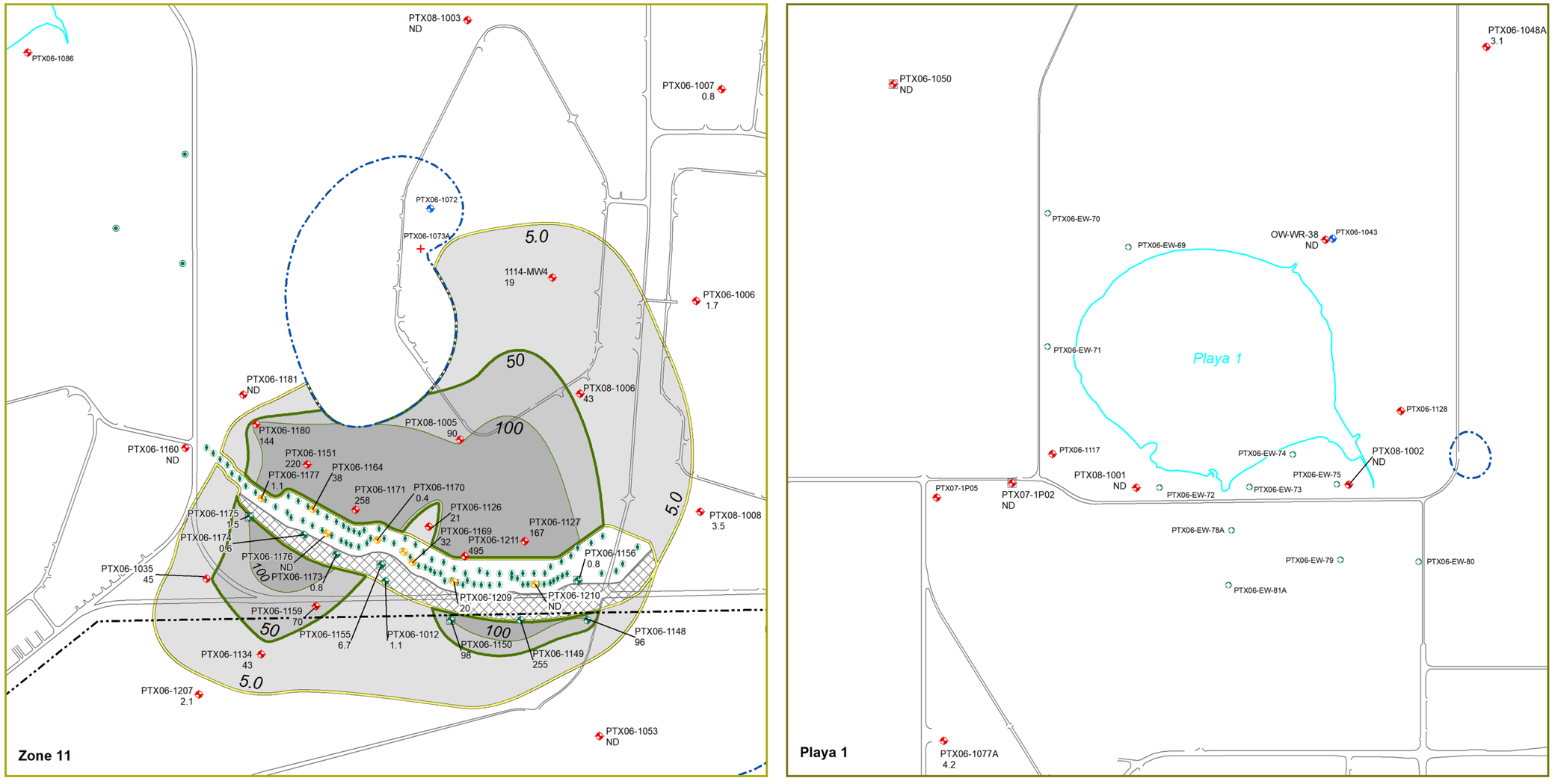
USDOE/NNSA Property
Playas
TCE Isoconcentrations
5 µg/L
50 µg/L
100 µg/L
500 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
Trichloroethene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

TCE Isoconcentrations
- 5 µg/L
- 50 µg/L
- 100 µg/L
- 500 µg/L
- Area under ISB Influence

Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
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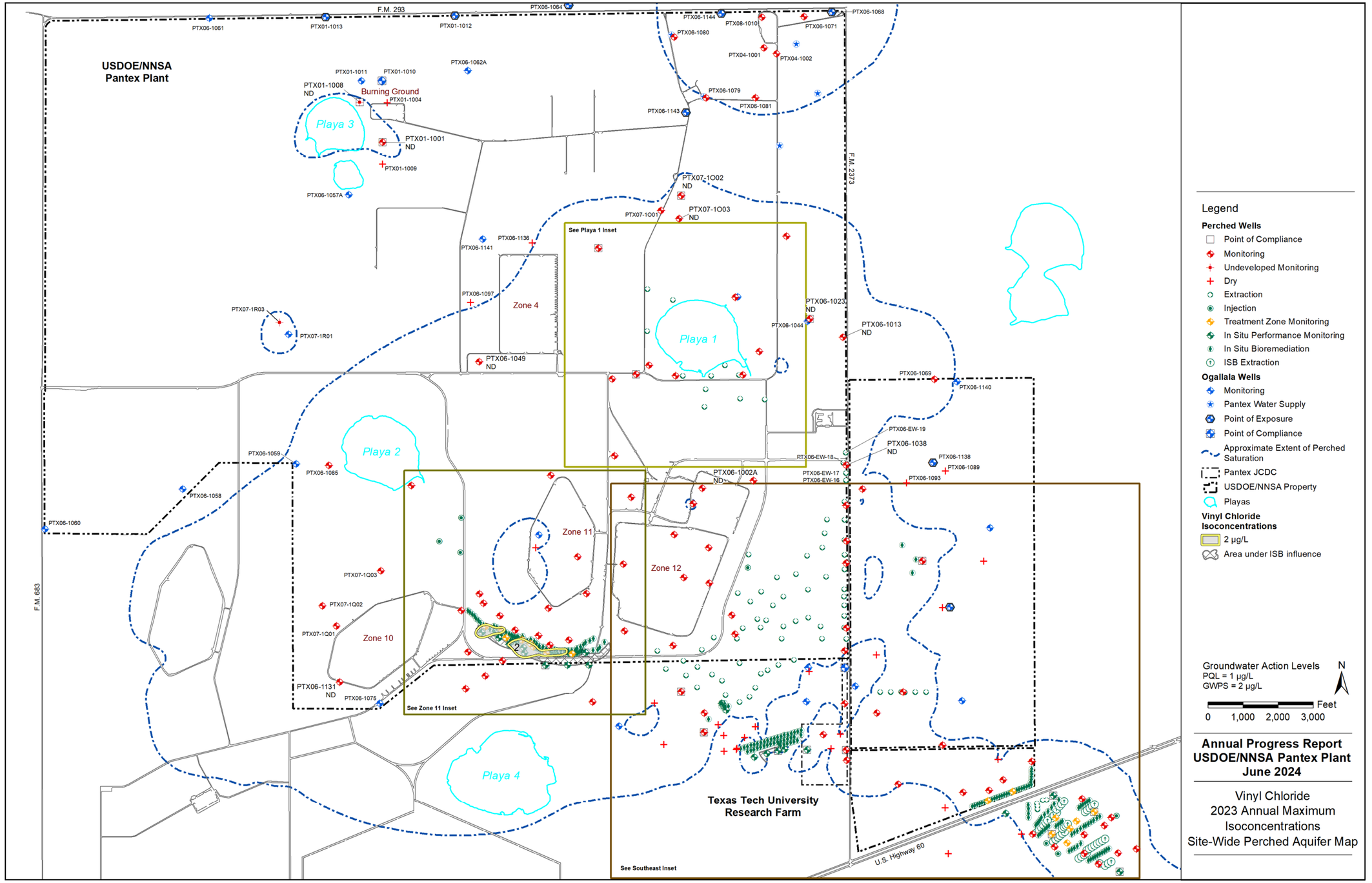
Trichloroethene
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
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PTX08-1010
PTX06-1068
PTX06-1080
PTX06-1071
PTX04-1001
PTX04-1002
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
Burning Ground
PTX01-1004
Playa 3
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX06-1079
PTX06-1081
PTX06-1143
F.M. 2373
PTX07-1O02
ND
PTX07-1O03
ND
PTX07-1O01
See Playa 1 Inset
PTX06-1136
PTX06-1141
PTX06-1097
Zone 4
PTX07-1R03
PTX07-1R01
PTX06-1049
ND
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PTX06-1044
Playa 1
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PTX06-1093
PTX06-EW-17
PTX06-EW-16
PTX06-1059
PTX06-1085
Playa 2
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ND
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PTX06-1060
Zone 11
Zone 12
F.M. 683
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PTX07-1Q02
PTX07-1Q01
Zone 10
PTX06-1131
ND
PTX06-1075
See Zone 11 Inset
Playa 4
Texas Tech University
Research Farm
See Southeast Inset
U.S. Highway 60
Legend
Perched Wells
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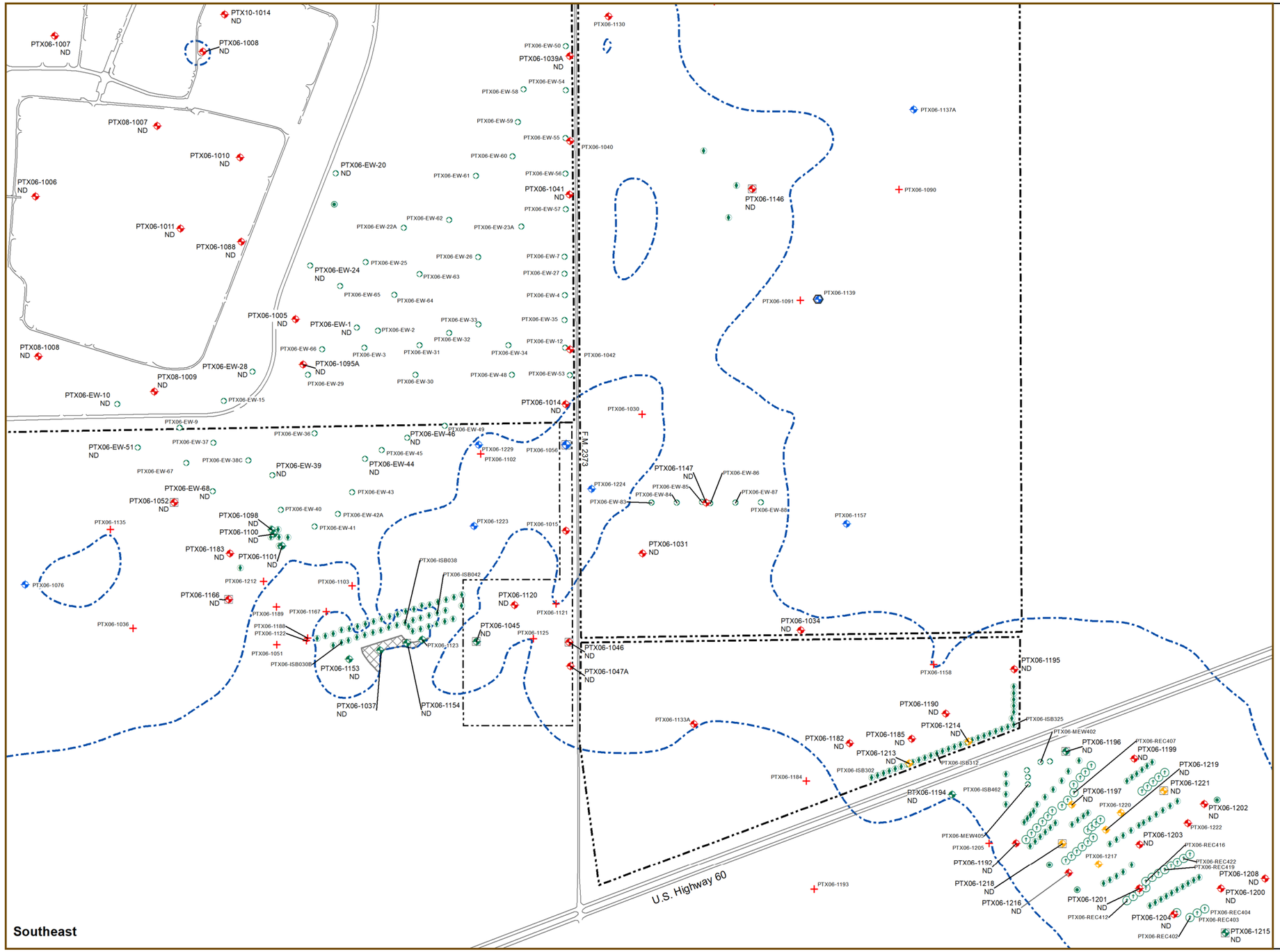
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Vinyl Chloride Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
0 1,000 2,000 3,000 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024
Vinyl Chloride
2023 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map



Legend

Perched Wells

- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells

- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

Vinyl Chloride Isoconcentrations

- 2 µg/L
- Area under ISB Influence

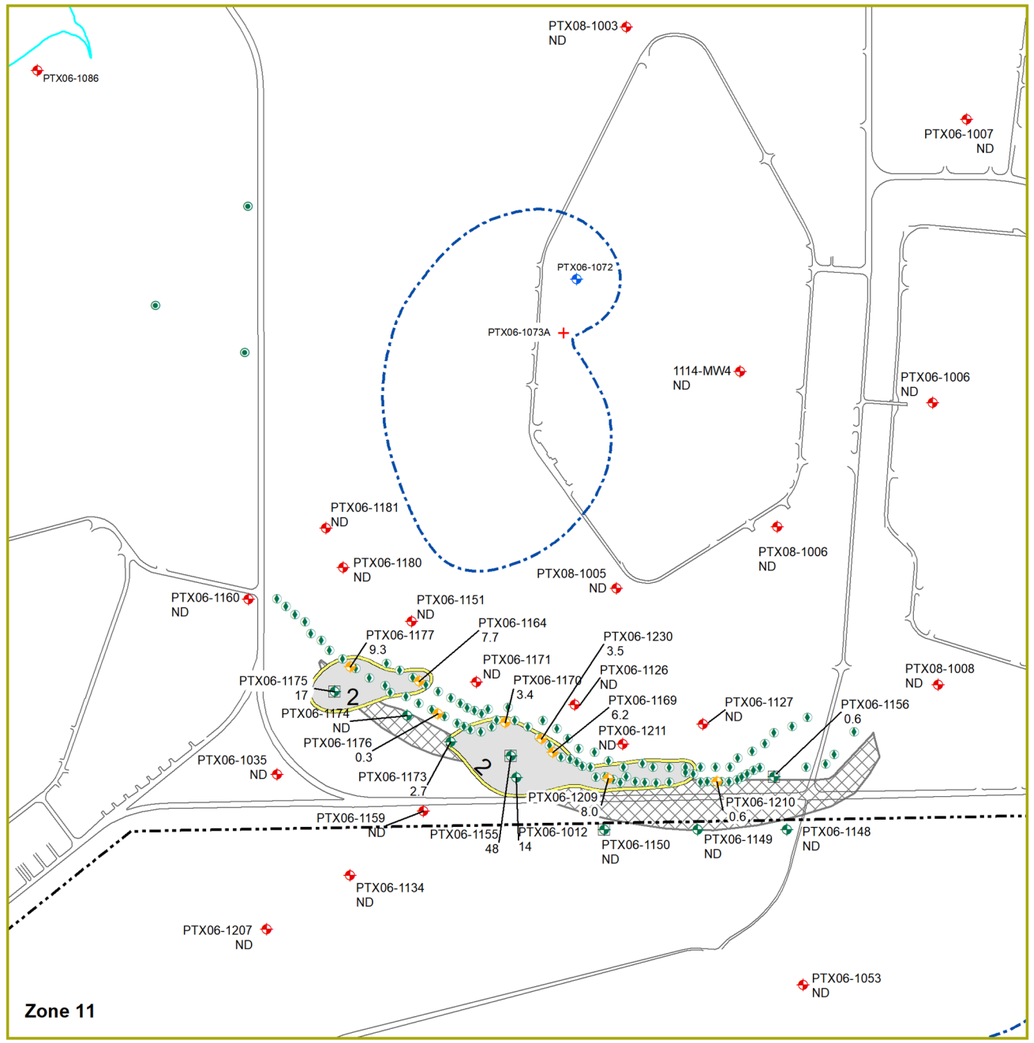
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

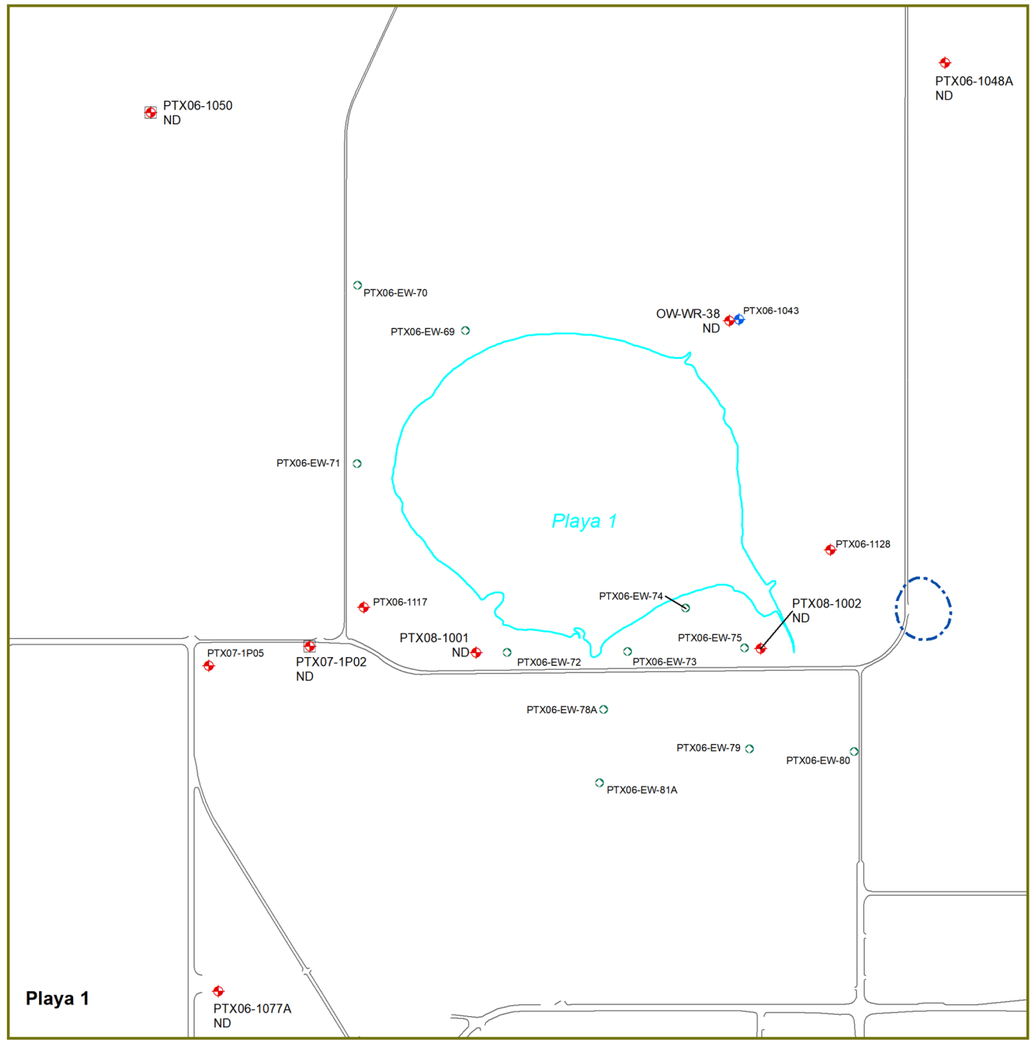
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Vinyl Chloride
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
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- Dry
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0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2024

Vinyl Chloride
2023 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps

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Appendix G
Well Certifications and Completion Diagrams

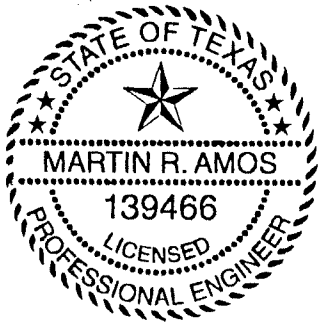
U.S. Department of Energy/National Nuclear Security Administration – Pantex Plant
Amarillo, Texas

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 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 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 PTX06-1222, PTX06-1223, PTX06-1224 and PTX06-1229.
- Construction of ISB treatment zone monitoring wells PTX06-1217 and PTX06-1220.
- Construction of ISB injection wells PTX06-ISB420, PTX06-ISB421, PTX06-ISB422, PTX06-ISB423, PTX06-ISB424, PTX06-ISB433, PTX06-ISB434, PTX06-ISB435, PTX06-ISB441, PTX06-ISB442, PTX06-ISB443, PTX06-ISB444, PTX06-ISB445, PTX06-ISB446, PTX06-ISB447, PTX06-ISB448, PTX06-ISB449, PTX06-ISB450, PTX06-ISB451, PTX06-ISB452 and PTX06-ISB607.
- Construction of ISB extraction wells PTX06-REC412, PTX06-REC413, PTX06-REC414, PTX06-REC415, PTX06-REC423, PTX06-REC427, PTX06-REC428, PTX06-REC429, PTX06-REC430, PTX06-REC431, PTX06-REC432, PTX06-REC437, PTX06-REC438, PTX06-REC439, PTX06-REC440, and PTX06-REC441.
- Construction of pump and treat injection well PTX06-MINJ402A and PTX06-MINJ403.



Martin R. Amos

Martin Amos

6/12/2024

Date

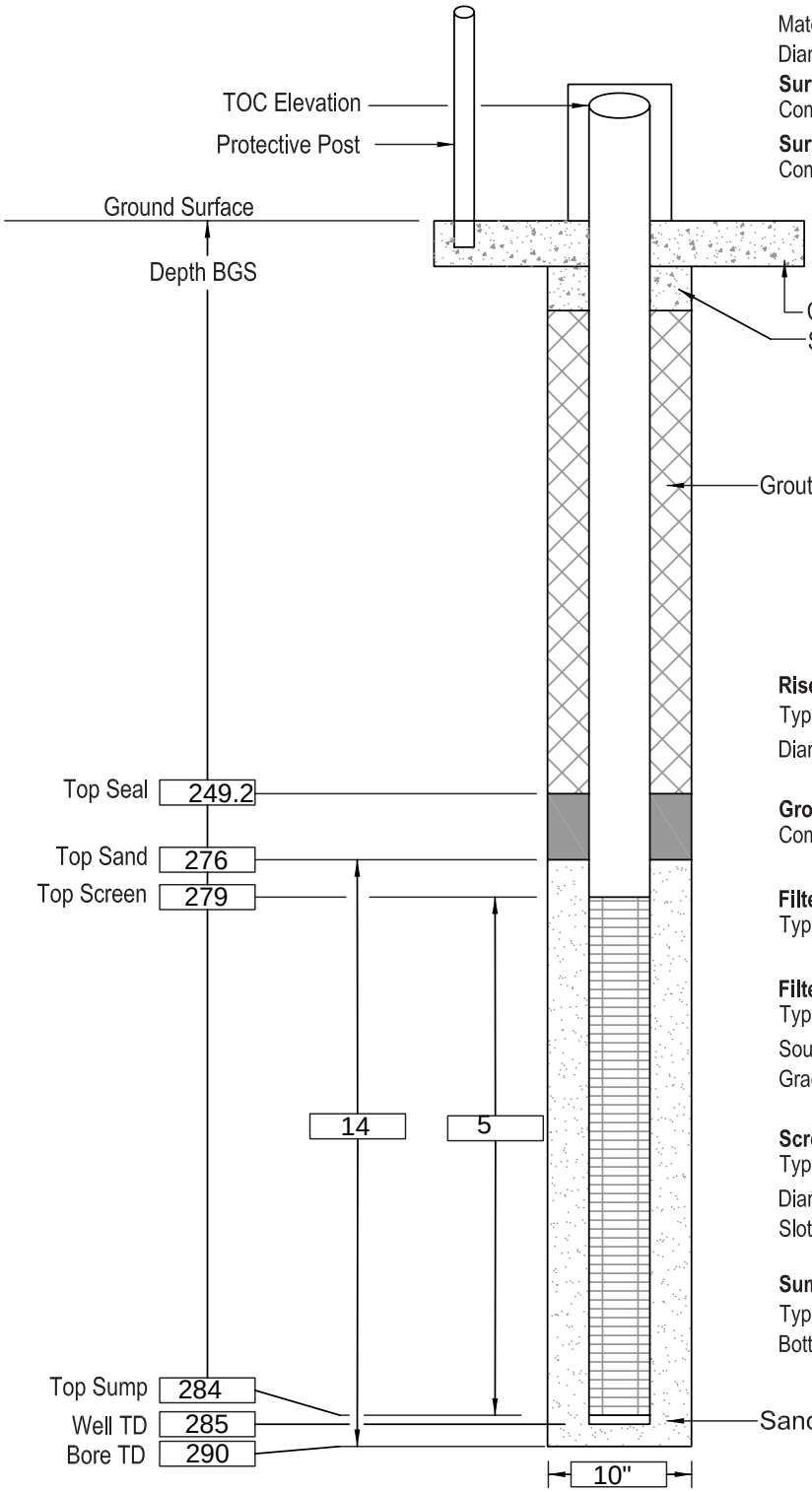
Licensed Professional Engineer No. 139466
Environmental Projects
Consolidated Nuclear Security, LLC

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750136.29 E651163.21
TOC Elevation: 3512.25
Surface Elevation: 3510.29

Well No: PTX06-1222
Well Type: Perched Monitoring
Date Constructed: 08-22-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" "Hole Plug" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 10--20

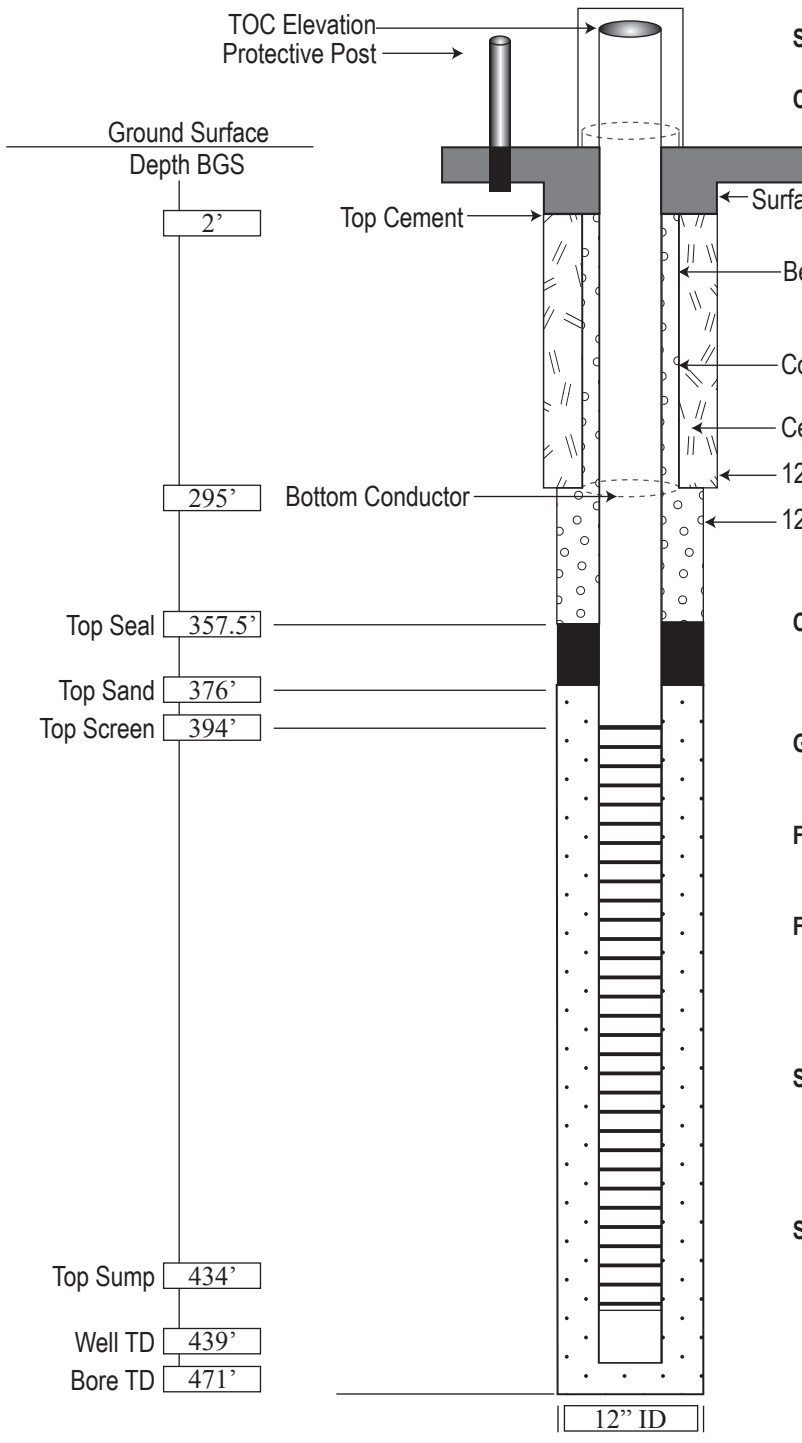
Screen
Type: Johnson - Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: DOE Offsite East Property
Contractor: ARS Aleut Tech Services
Driller: Cascade Drilling
Well Coordinates: N 3753673.34 E 642669.67
TOC Elevation: 3532.16 ft AMSL
Surface Elevation: 3530.02 ft AMSL

Well No: PTX06-1223
Well Type: 4" Ogallala Monitoring Well
Date Constructed: 05-02-2023
Observed By: R. Hill + J. Ford
Sheet 1 of 1



Protective Casing
Size & Material 10" ID, Steel with locking cover

Surface Pad
Composition & Size 5' x 5' x 8" concrete with 4 bollards

Surface Seal
Composition & Thickness 2' concrete

Conductor Casing
Size & Material 8 5/8" carbon steel

Casing
Type Schedule 80 PVC
Diameter 4-inch

Grout Type I/II Portland Cement
Composition Baroid Quik-Grout Bentonite

Filter Pack Seal
Type Baroid 3/8" Bentonite Pellets

Filter Pack
Type Silica Sand
Source P.W. Gillibrand
Gradation 12/20

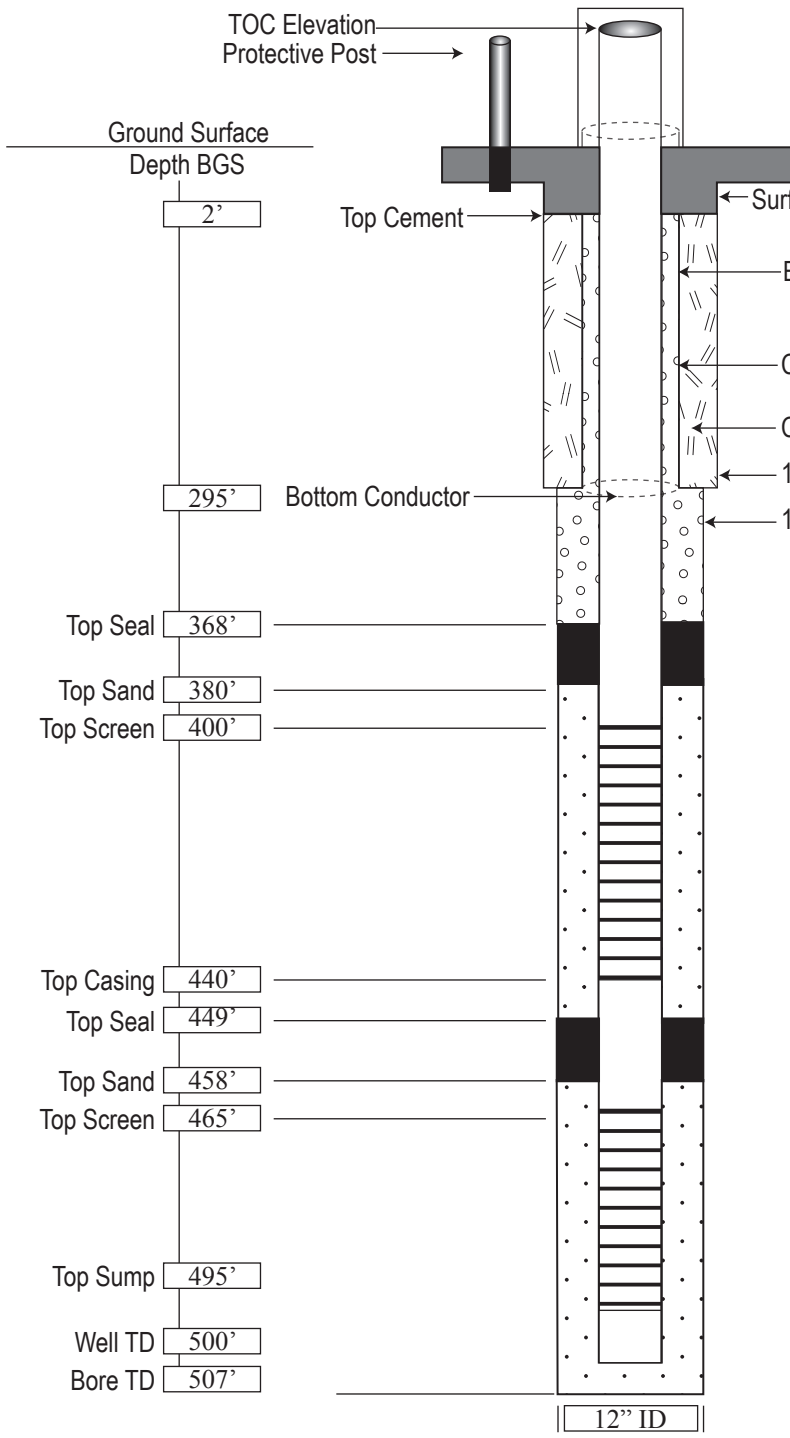
Screen
Type Johnson Sch 80 PVC
Diameter 4-inch
Slot Size 0.020-inch

Sump
Type Johnson 316 Stainless Steel
Bottom Cap Yes

Well Installation Diagram

Project: 2023 Well Drilling
Location: DOE Offsite East Property
Contractor: ARS Aleut Tech Services
Driller: Cascade Drilling
Well Coordinates: N 3754118.10 E 644065.72
TOC Elevation: 3531.13 ft AMSL
Surface Elevation: 3529.07 ft AMSL

Well No: PTX06-1224
Well Type: 4" Ogallala Monitoring Well
Date Constructed: 04-19-2023
Observed By: R. Hill + J. Ford
Sheet 1 of 1



Protective Casing
Size & Material 10" ID, Steel with locking cover

Surface Pad
Composition & Size 5' x 5' x 8" concrete with 4 bollards

Surface Seal
Composition & Thickness 2' concrete

Conductor Casing
Size & Material 8 5/8" carbon steel

Casing
Type Schedule 80 PVC
Diameter 4-inch

Grout Type I/II Portland Cement
Composition Baroid Quik-Grout Bentonite

Filter Pack Seal
Type Baroid 3/8" Bentonite Pellets

Filter Pack
Type Silica Sand
Source P.W. Gillibrand
Gradation 12/20

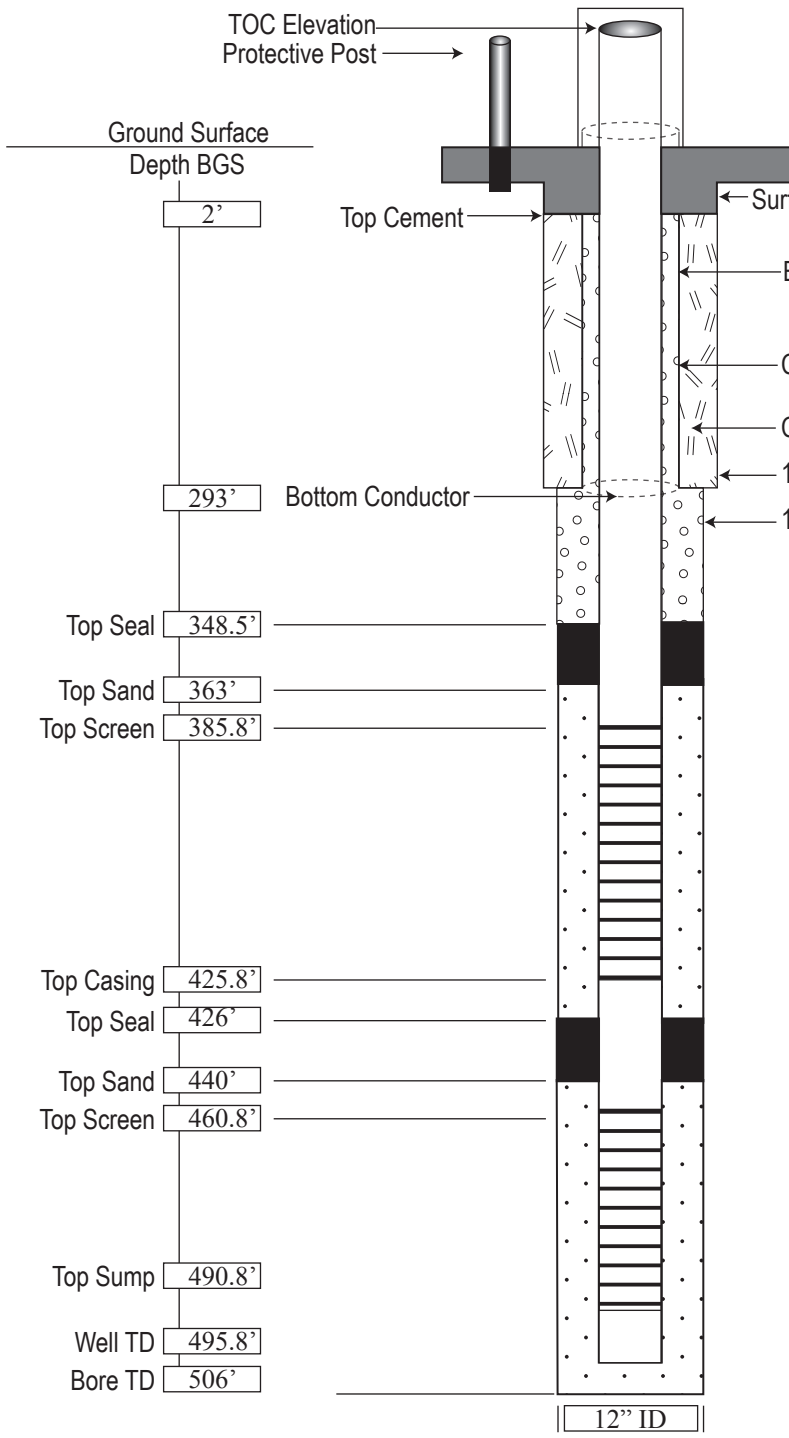
Screen
Type Johnson Sch 80 PVC
Diameter 4-inch
Slot Size 0.020-inch

Sump
Type Johnson 316 Stainless Steel
Bottom Cap Yes

Well Installation Diagram

Project: 2023 Well Drilling
Location: DOE Offsite East Property
Contractor: ARS Aleut Tech Services
Driller: Cascade Drilling
Well Coordinates: N 3754642.57 E 642725.64
TOC Elevation: 3534.25 ft AMSL
Surface Elevation: 3532.13 ft AMSL

Well No: PTX06-1229
Well Type: 5" Ogallala Monitoring Well
Date Constructed: 09-15 to 09-17-2023
Observed By: R. Hill + J. Ford
Sheet 1 of 1



Protective Casing
Size & Material 10" ID, Steel with locking cover

Surface Pad
Composition & Size 5' x 5' x 8" concrete with 4 bollards

Surface Seal
Composition & Thickness 2' concrete

Conductor Casing
Size & Material 8 5/8" carbon steel

Casing
Type Schedule 80 PVC
Diameter 4-inch

Grout Type I/II Portland Cement
Composition Baroid Quik-Grout Bentonite

Filter Pack Seal
Type Baroid 3/8" Bentonite Pellets

Filter Pack
Type Silica Sand
Source P.W. Gillibrand
Gradation 12/20

Screen
Type Johnson Sch 80 PVC
Diameter 4-inch
Slot Size 0.020-inch

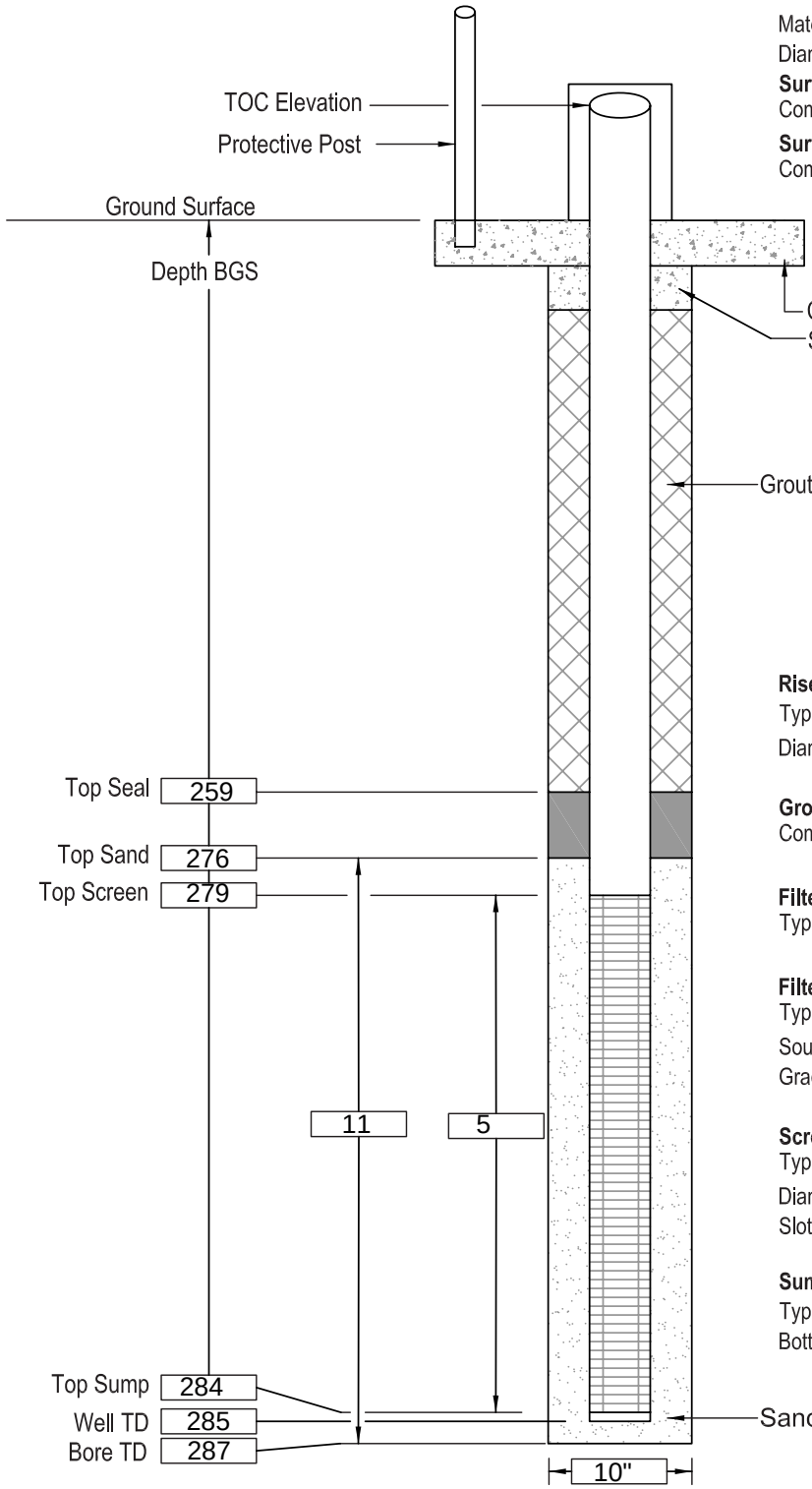
Sump
Type Johnson 316 Stainless Steel
Bottom Cap Yes

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749645.37 E650101.19
TOC Elevation: 3510.75
Surface Elevation: 3508.60

Well No: PTX06-1217
Well Type: Perched Monitoring
Date Constructed: 08-02-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" "Hole Plug" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 10--20

Screen
Type: Johnson - Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

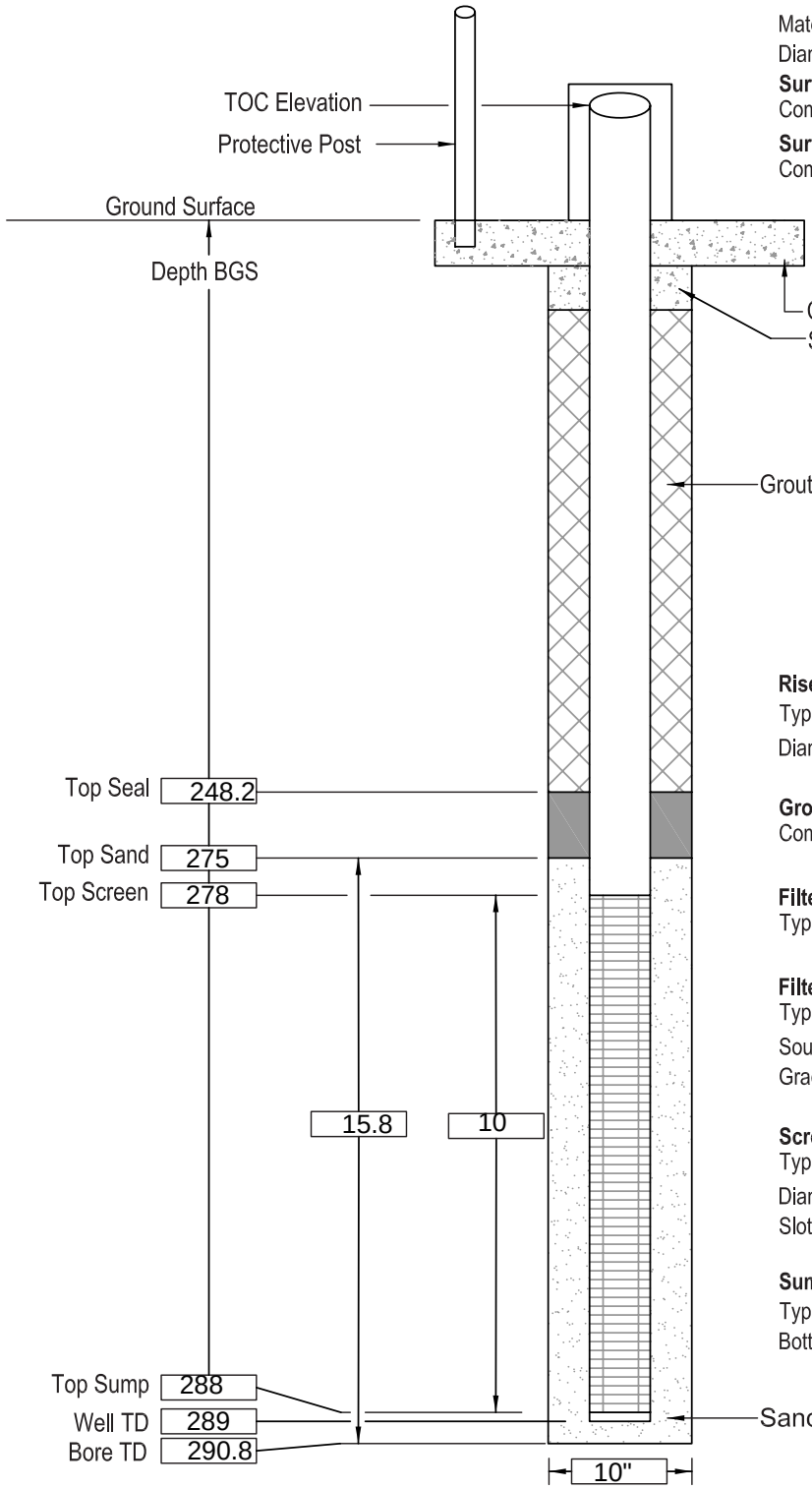
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750258.95 E650367.11
TOC Elevation: 3512.08
Surface Elevation: 3510.03

Well No: PTX06-1220
Well Type: Perched Monitoring
Date Constructed: 08-20-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" "Hole Plug" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 10--20

Screen
Type: Johnson - Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

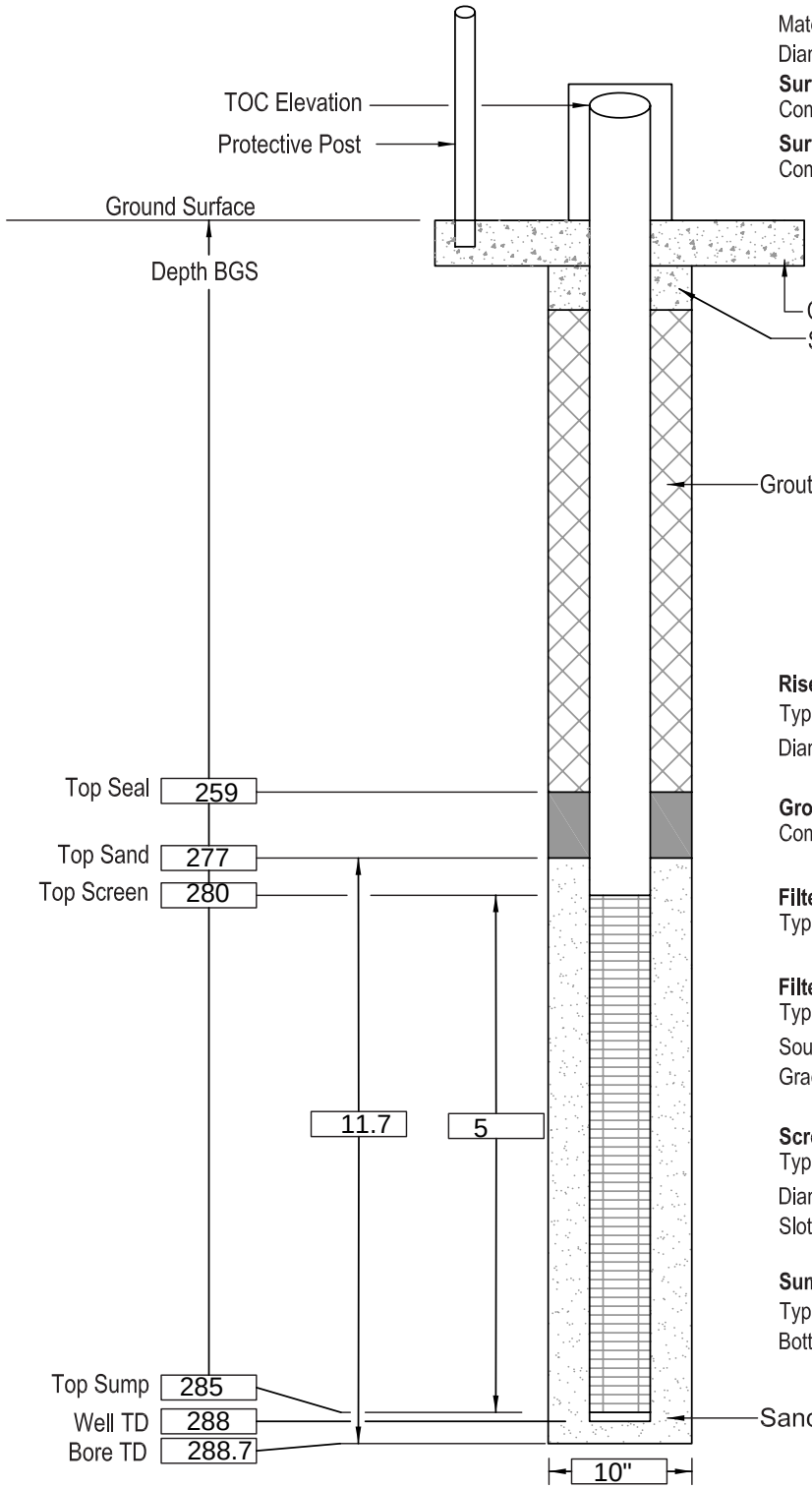
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749414.18 E650162.60
TOC Elevation: 3510.37
Surface Elevation: 3508.24

Well No: PTX06-ISB420
Well Type: Perched ISB
Date Constructed: 08-04-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

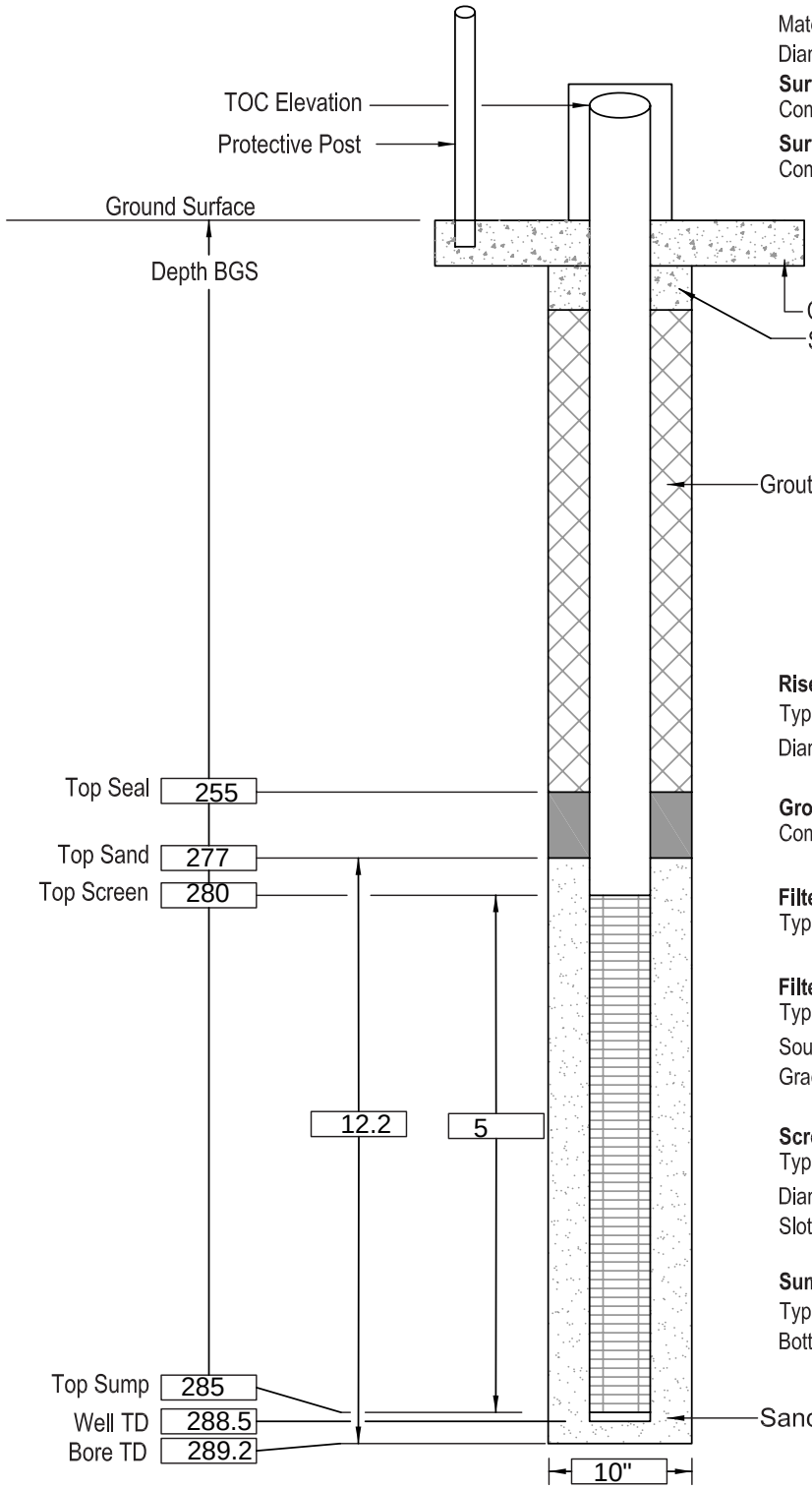
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749456.45 E650236.94
TOC Elevation: 3510.62
Surface Elevation: 3508.49

Well No: PTX06-ISB421
Well Type: Perched ISB
Date Constructed: 08-06-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

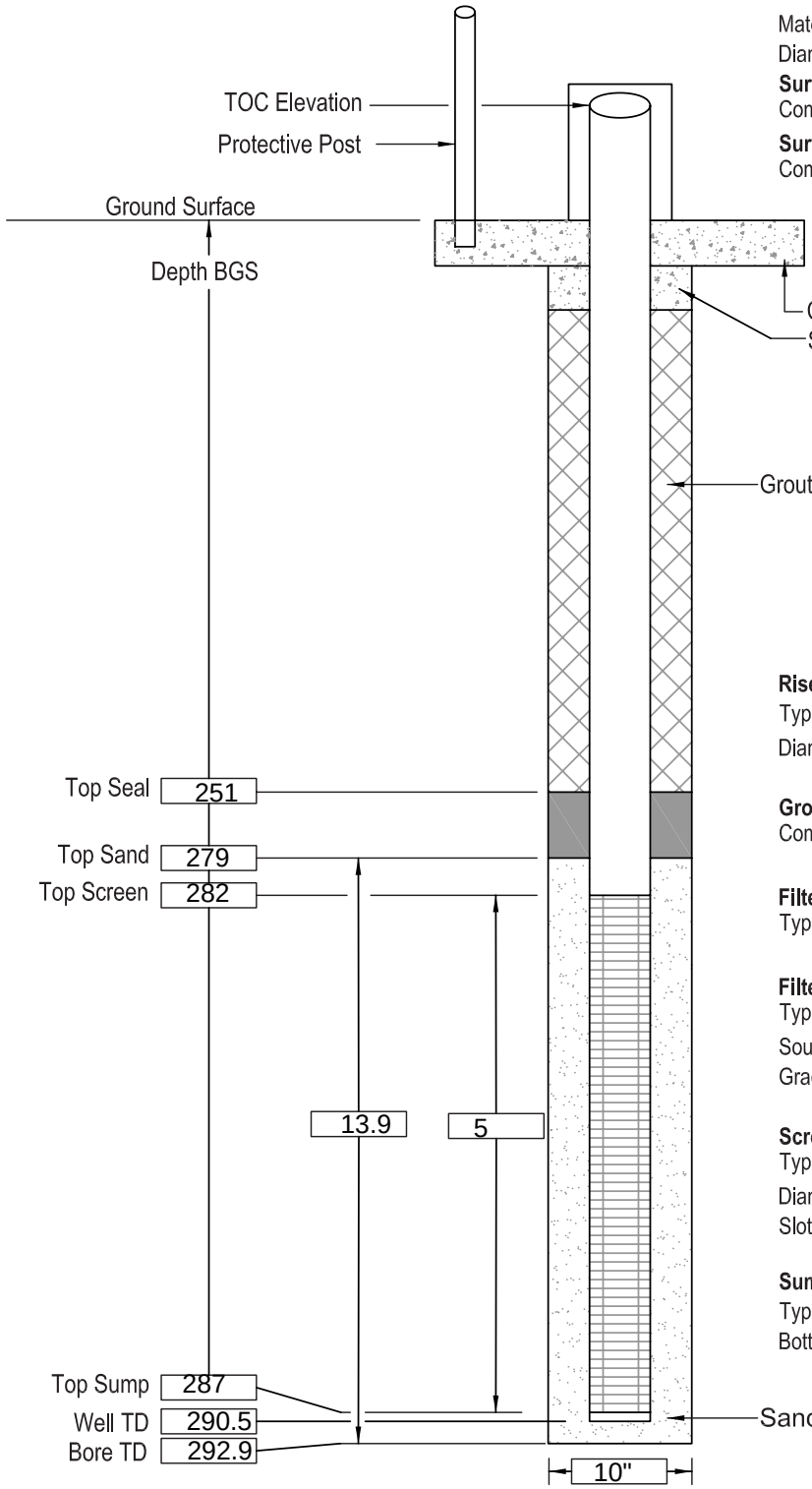
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749501.38 E650315.41
TOC Elevation: 3511.04
Surface Elevation: 3508.97

Well No: PTX06-ISB422
Well Type: Perched ISB
Date Constructed: 08-08-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

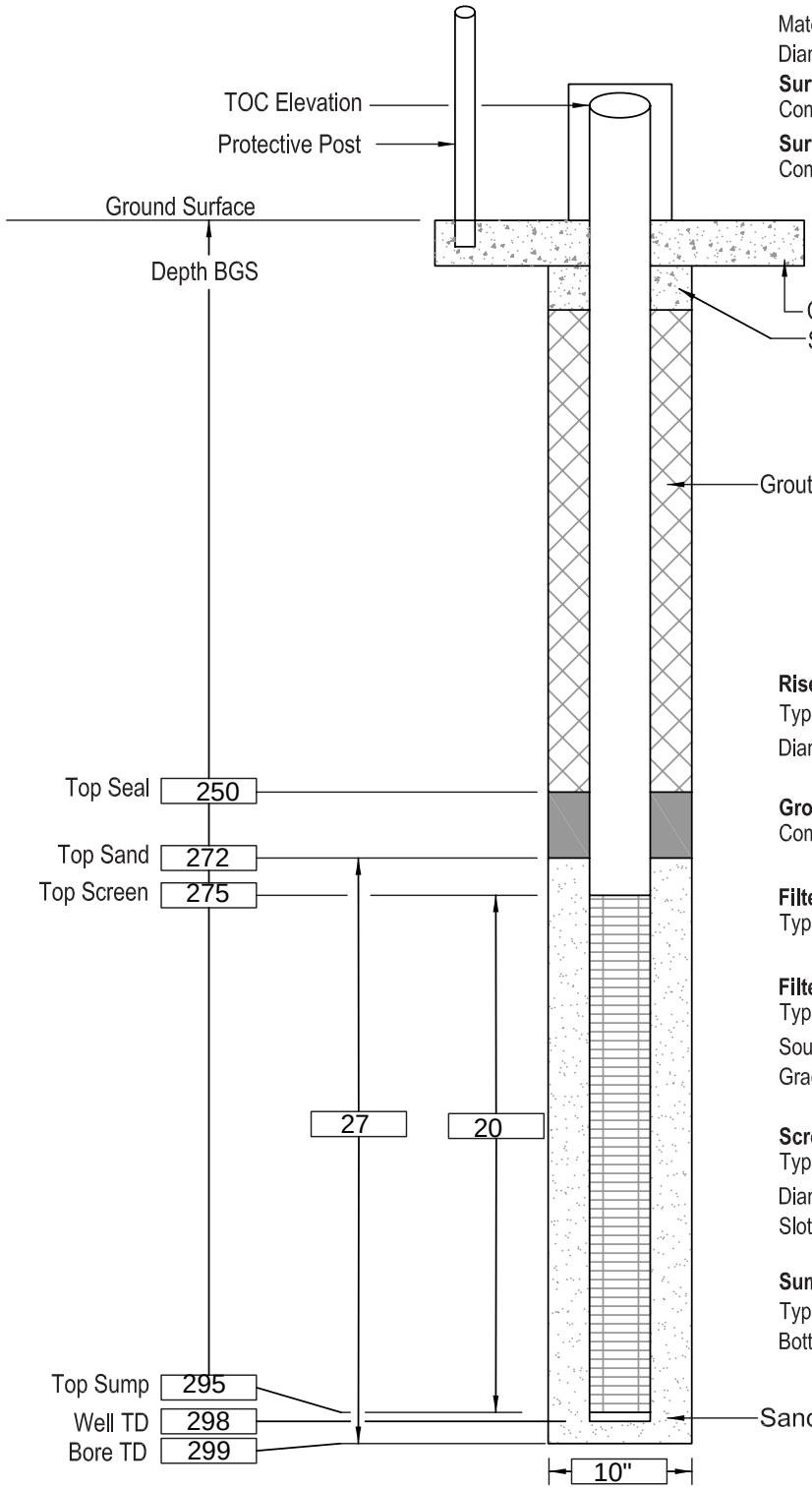
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749548.27 E650394.76
TOC Elevation: 3511.81
Surface Elevation: 3509.71

Well No: PTX06-ISB423
Well Type: Perched ISB
Date Constructed: 08-24-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

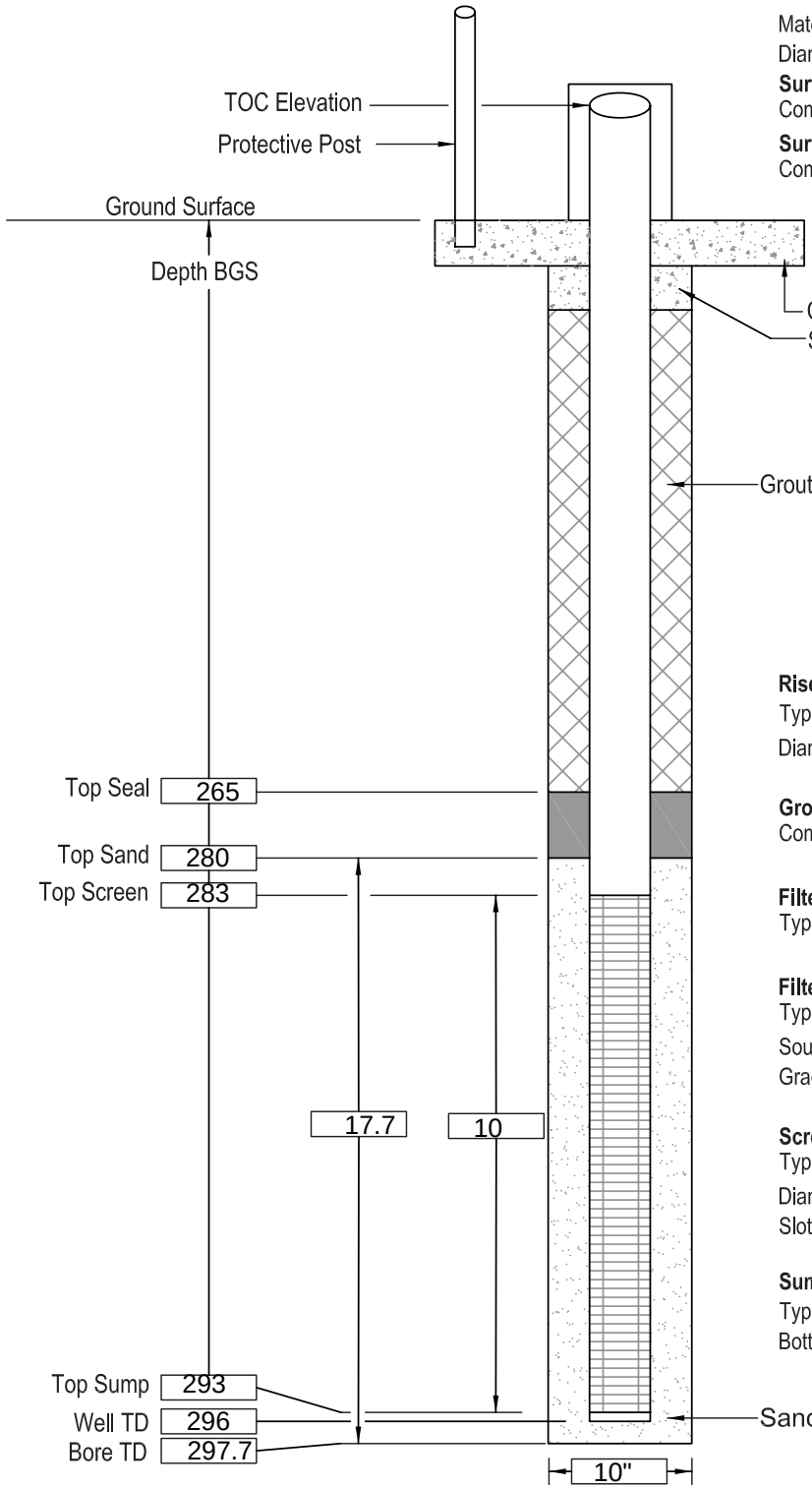
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749634.53 E650493.88
TOC Elevation: 3511.37
Surface Elevation: 3509.30

Well No: PTX06-ISB424
Well Type: Perched ISB
Date Constructed: 08-29-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

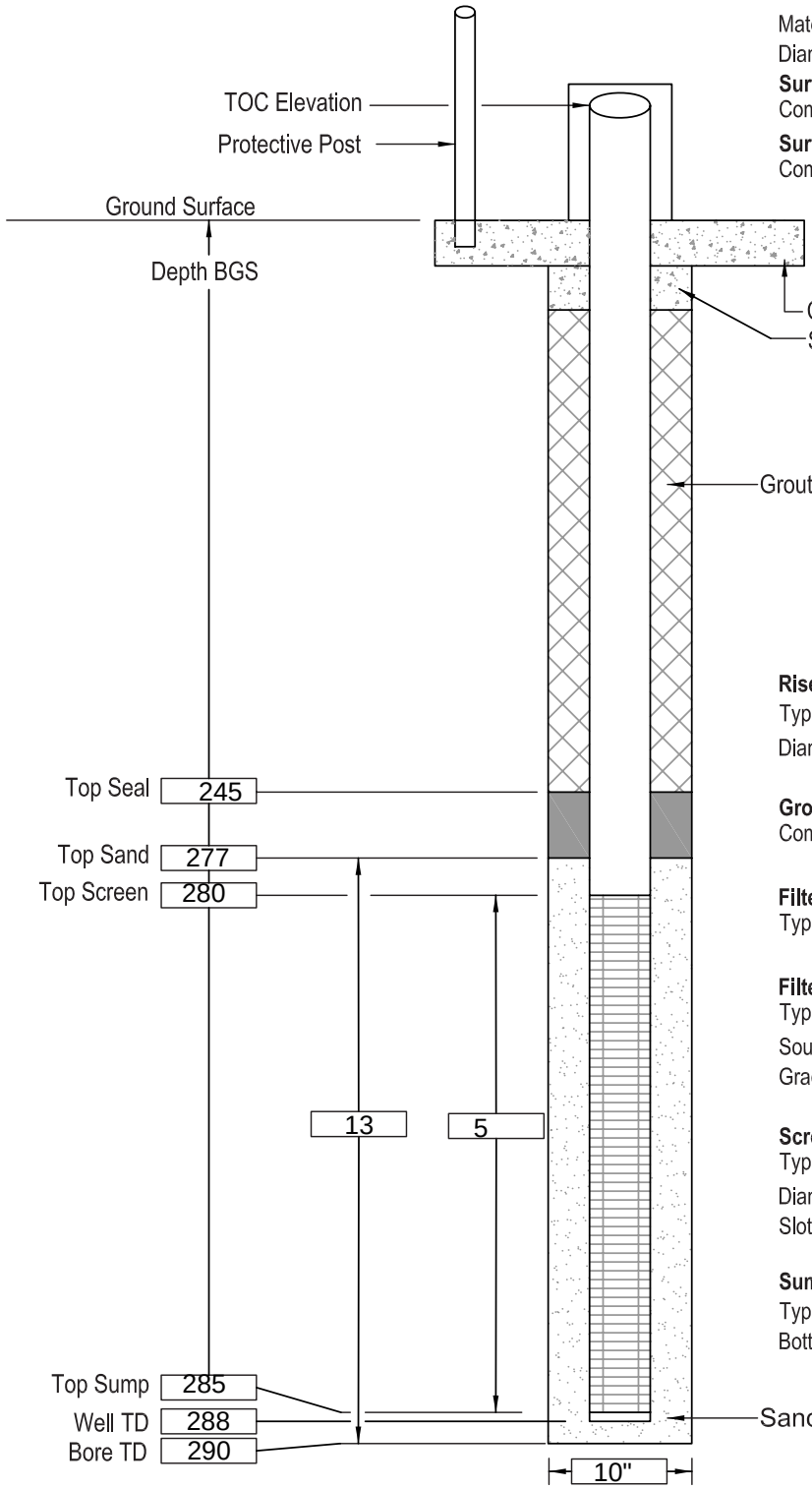
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750286.73 E650864.32
TOC Elevation: 3512.85
Surface Elevation: 3510.80

Well No: PTX06-ISB433
Well Type: Perched ISB
Date Constructed: 08-19-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

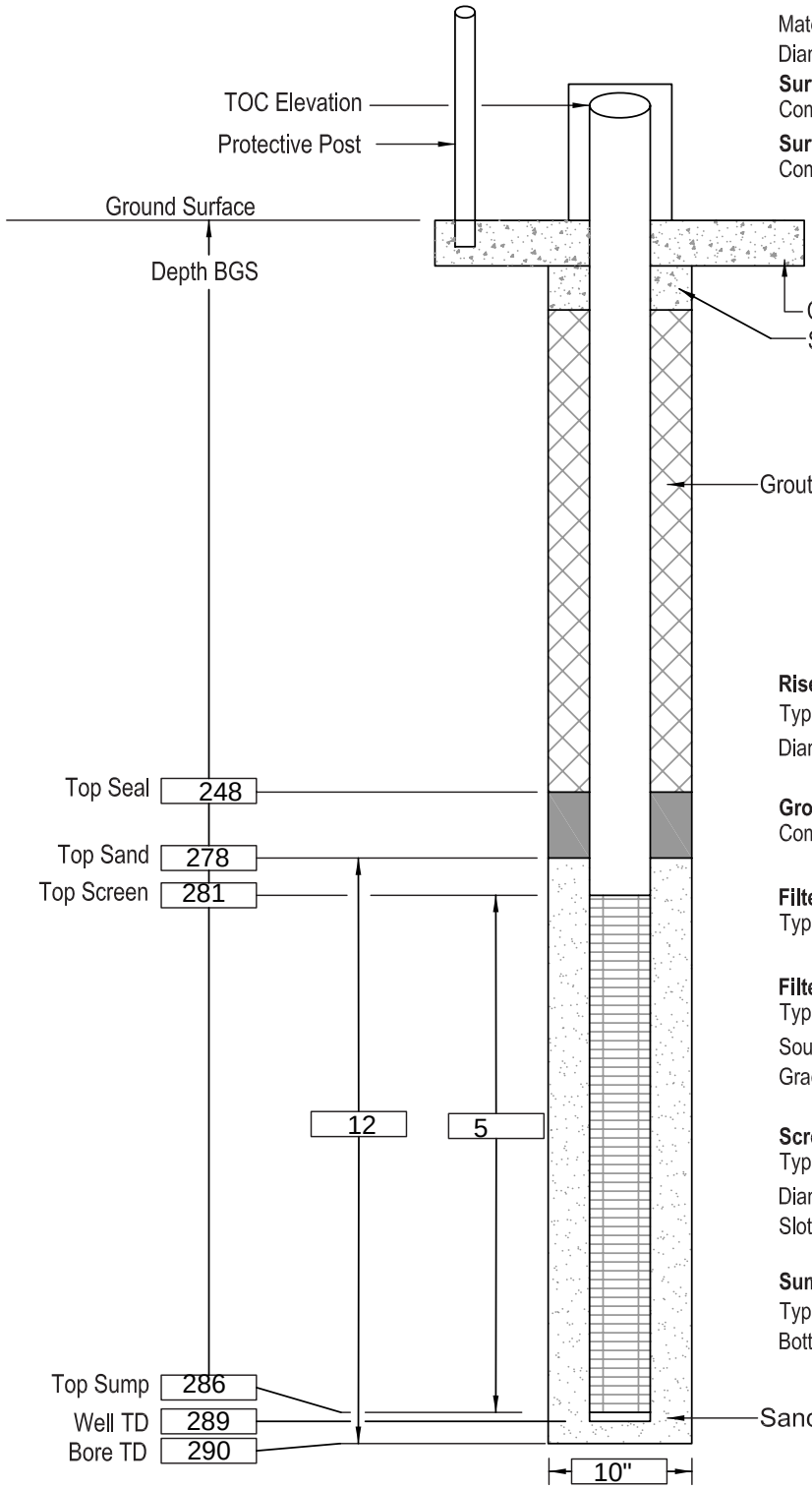
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750341.34 E650951.71
TOC Elevation: 3513.30
Surface Elevation: 3511.15

Well No: PTX06-ISB434
Well Type: Perched ISB
Date Constructed: 08-18-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

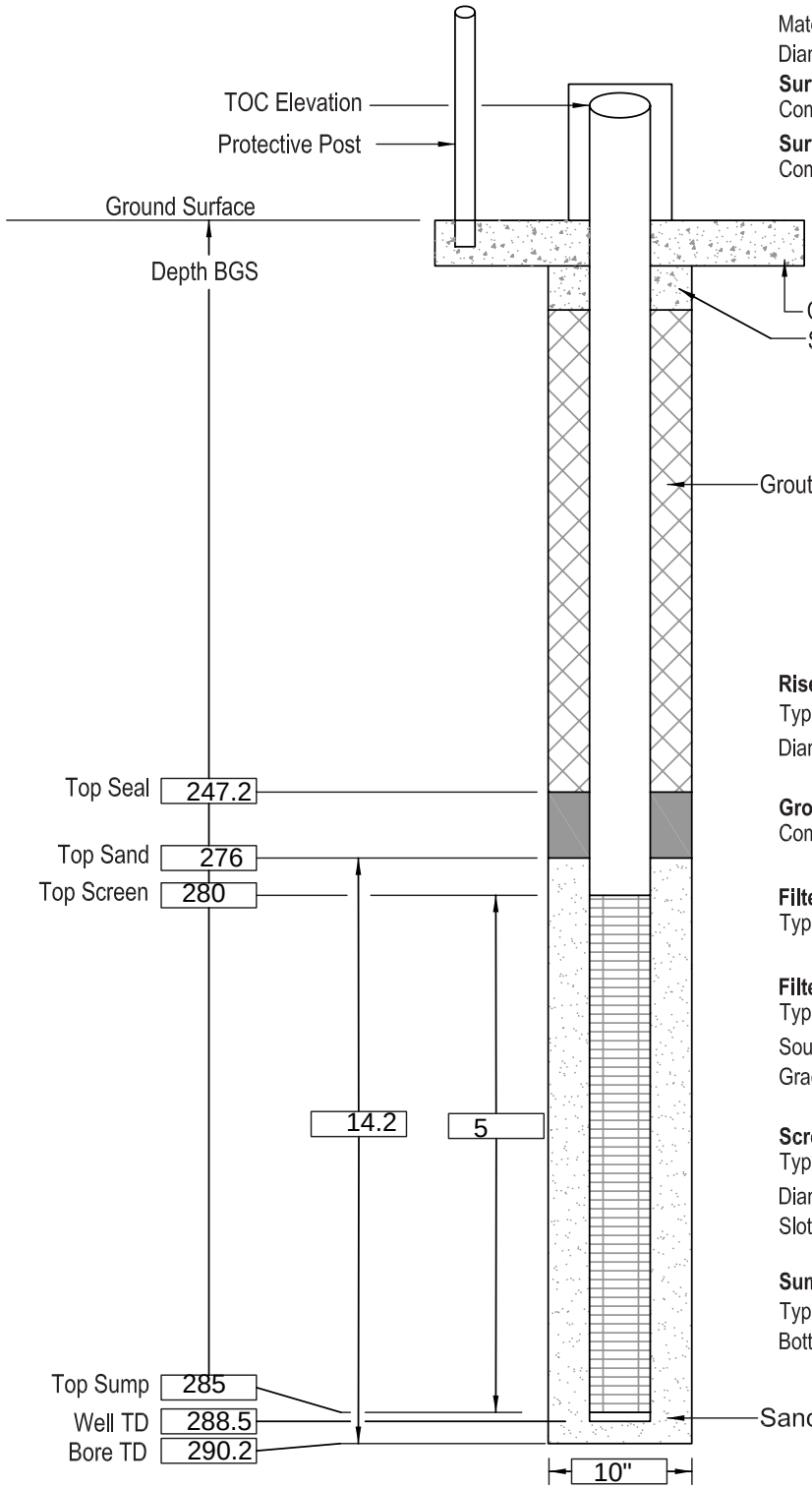
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750397.41 E651040.07
TOC Elevation: 3513.12
Surface Elevation: 3511.01

Well No: PTX06-ISB435
Well Type: Perched ISB
Date Constructed: 08-09-2023
Observed By: T Nash

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

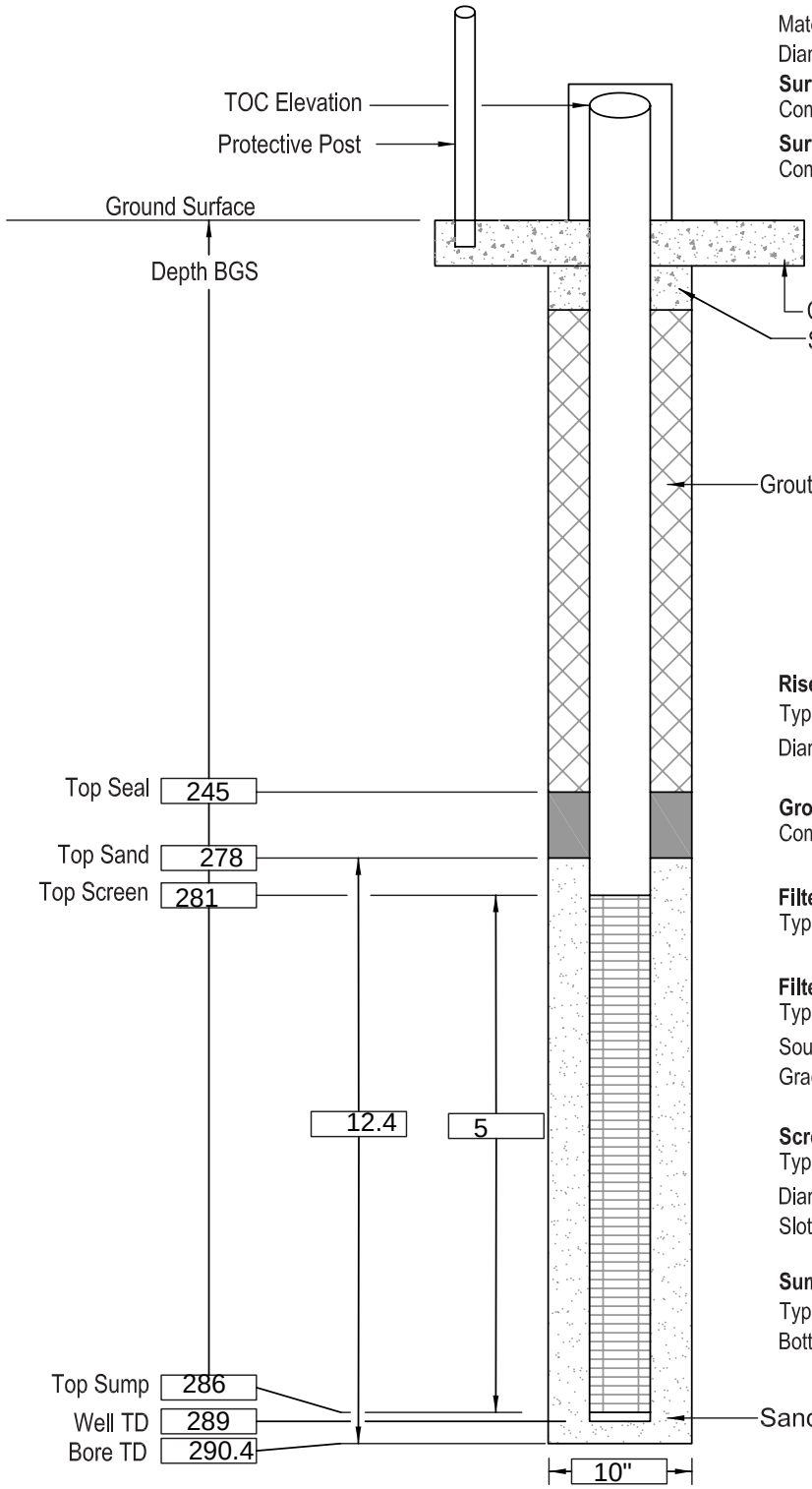
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750638.45 E650437.34
TOC Elevation: 3513.17
Surface Elevation: 3511.07

Well No: PTX06-ISB441
Well Type: Perched ISB
Date Constructed: 08-07-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

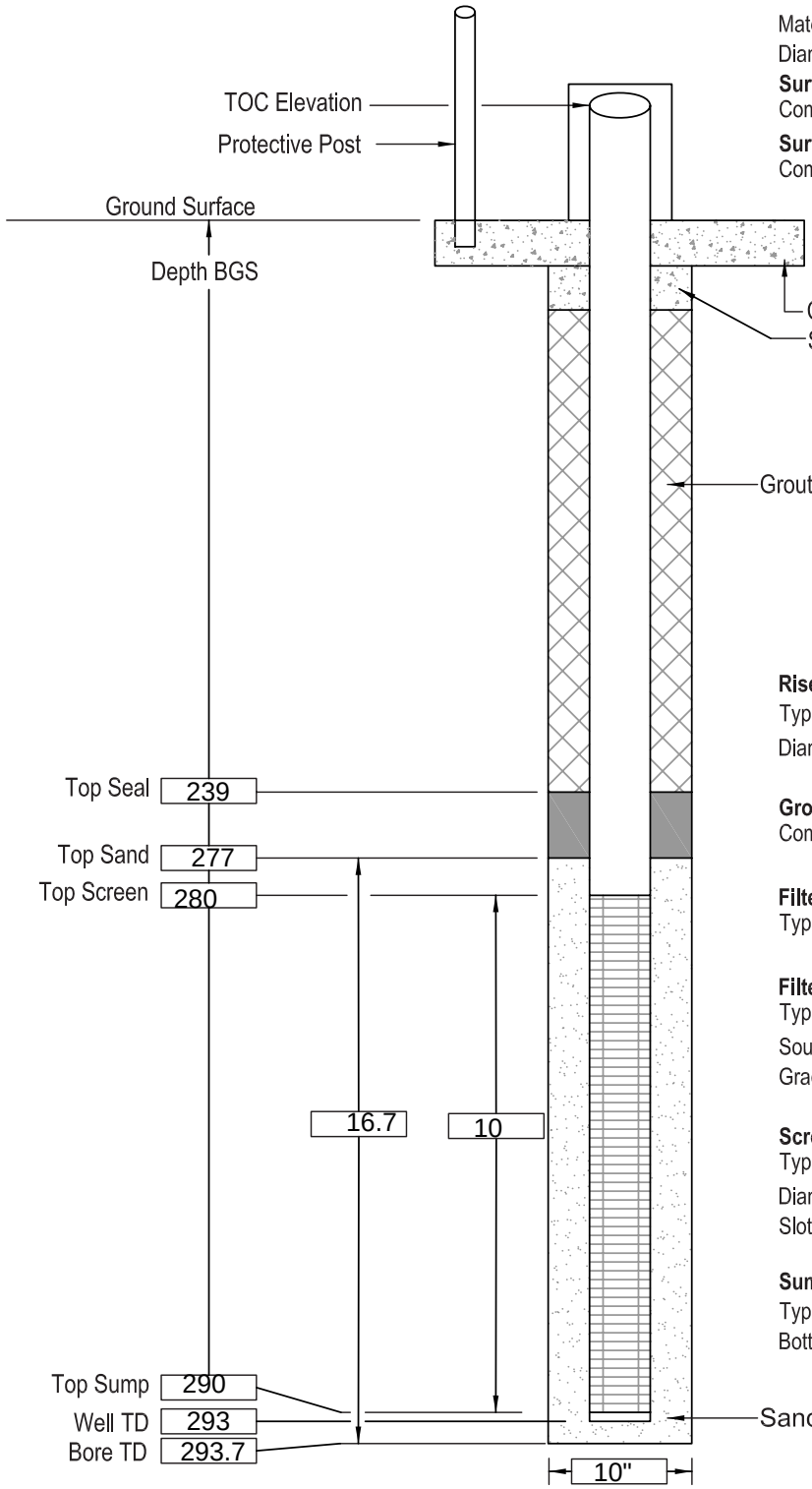
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750684.05 E650497.81
TOC Elevation: 3513.53
Surface Elevation: 3511.42

Well No: PTX06-ISB442
Well Type: Perched ISB
Date Constructed: 08-03 + 08-04-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

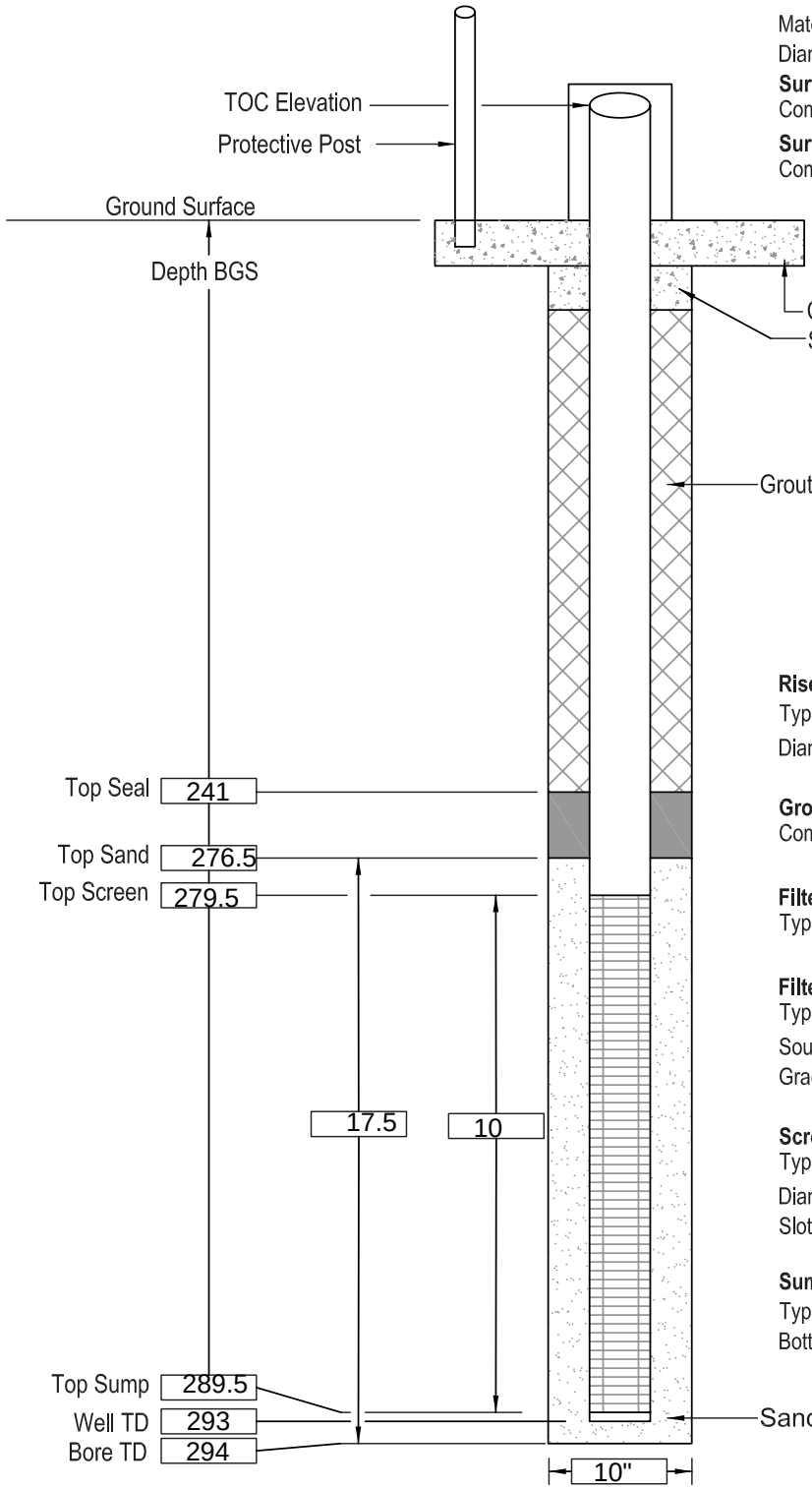
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750724.76 E650553.74
TOC Elevation: 3513.64
Surface Elevation: 3511.50

Well No: PTX06-ISB443
Well Type: Perched ISB
Date Constructed: 08-05-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

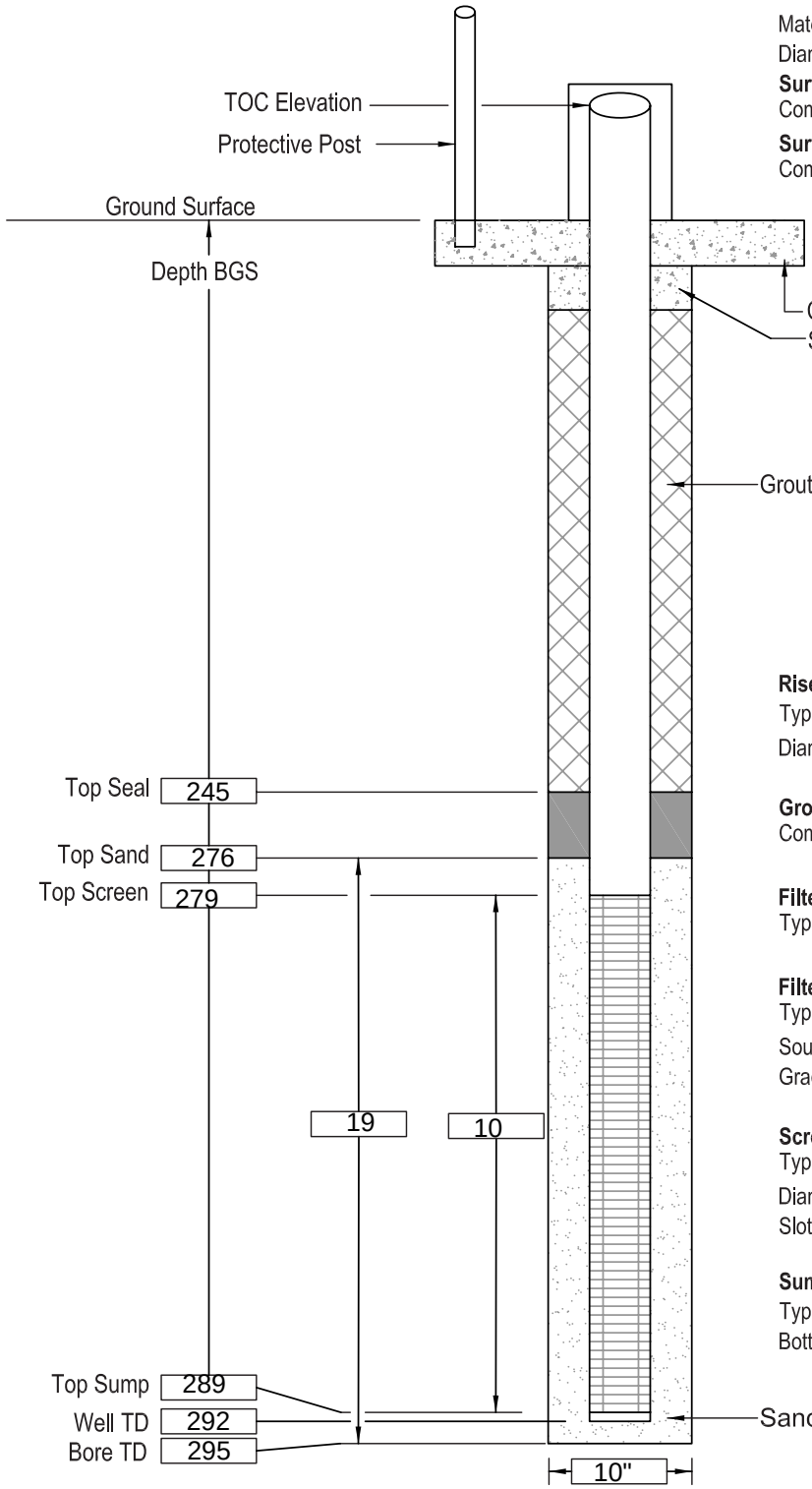
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750772.62 E650619.07
TOC Elevation: 3514.03
Surface Elevation: 3511.91

Well No: PTX06-ISB444
Well Type: Perched ISB
Date Constructed: 08-01-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

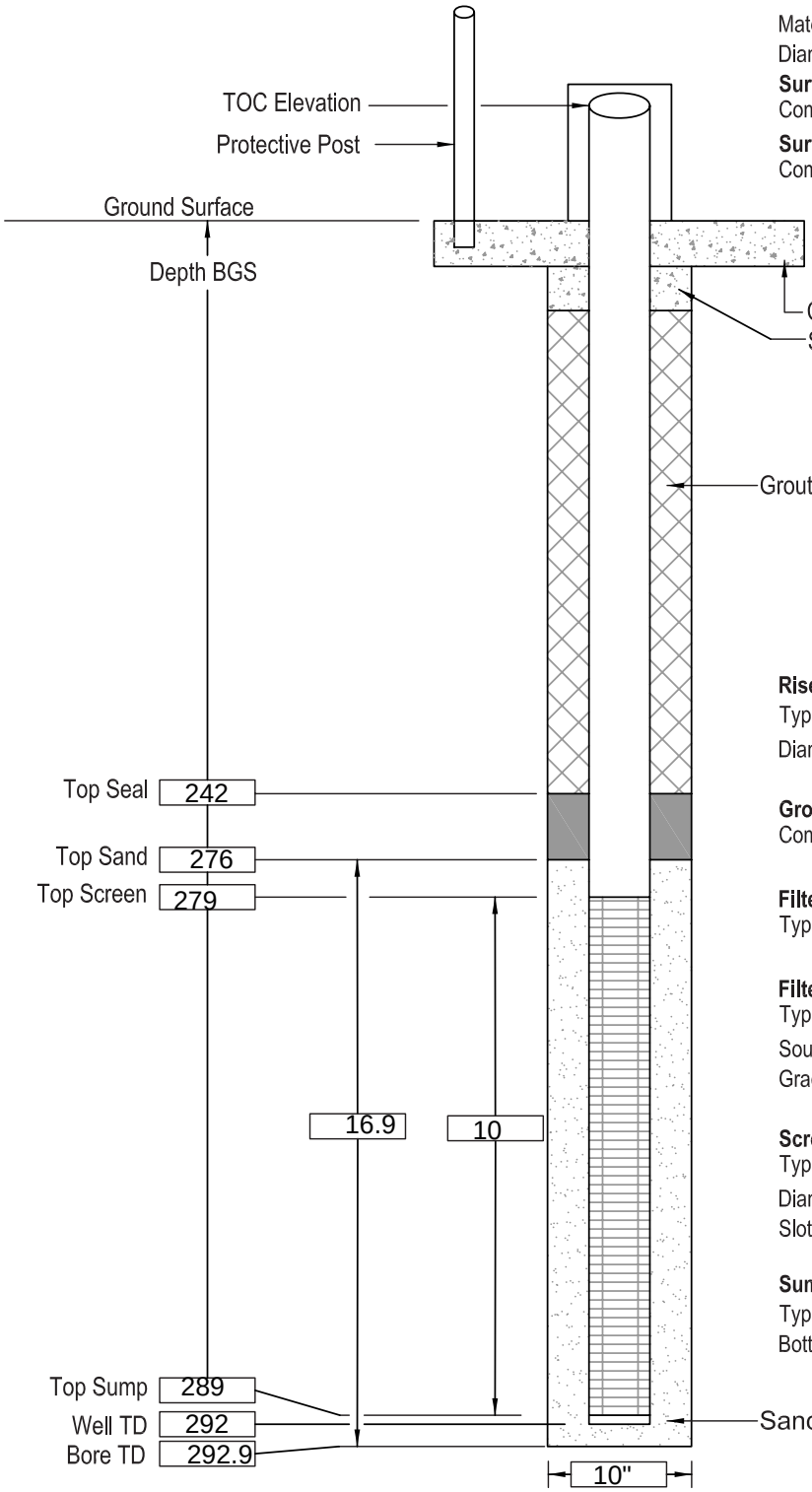
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750818.52 E650677.26
TOC Elevation: 3513.88
Surface Elevation: 3511.77

Well No: PTX06-ISB445
Well Type: Perched ISB
Date Constructed: 07-26-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

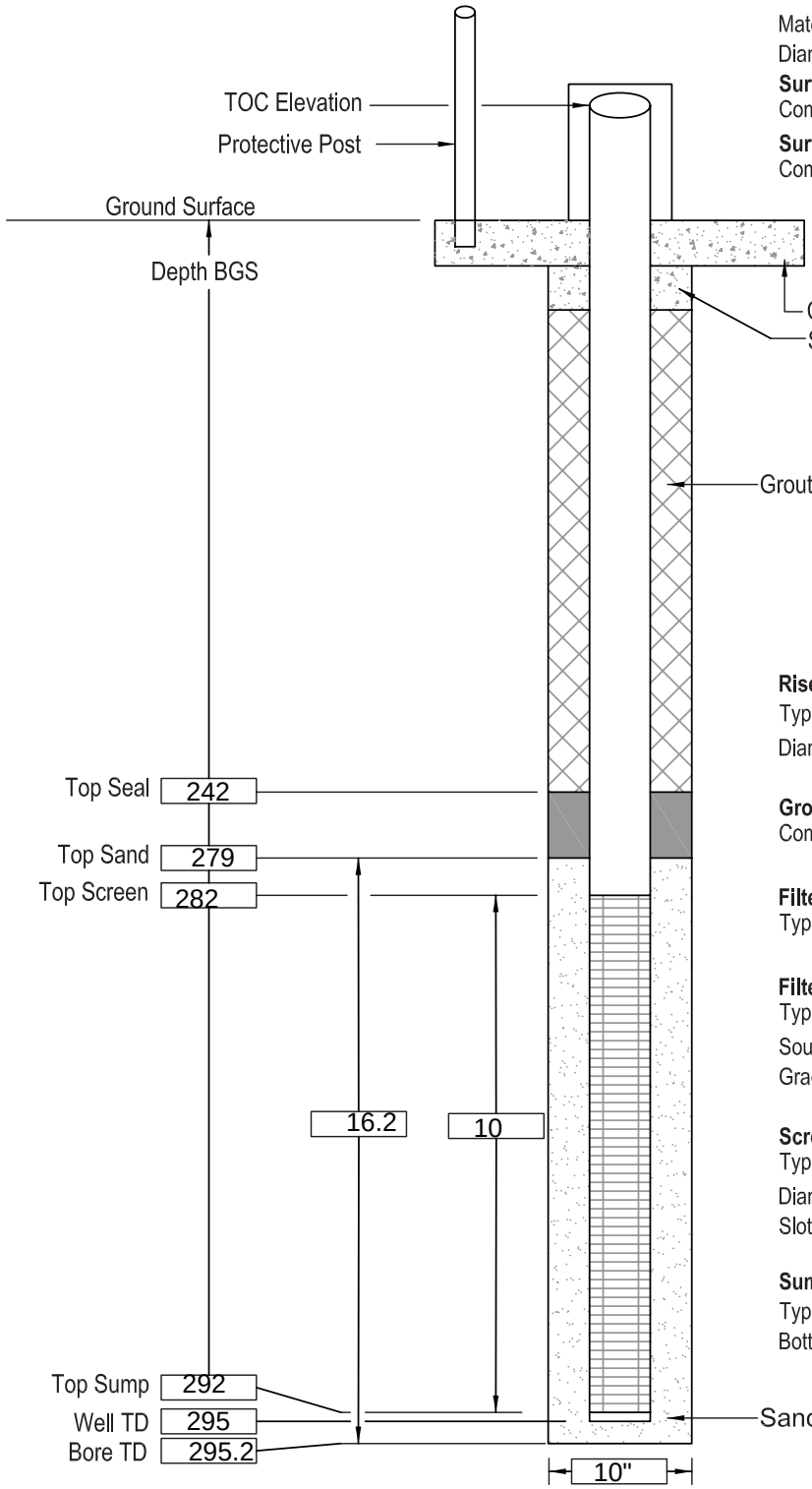
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750863.50 E650737.83
TOC Elevation: 3514.00
Surface Elevation: 3511.85

Well No: PTX06-ISB446
Well Type: Perched ISB
Date Constructed: 07-24-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

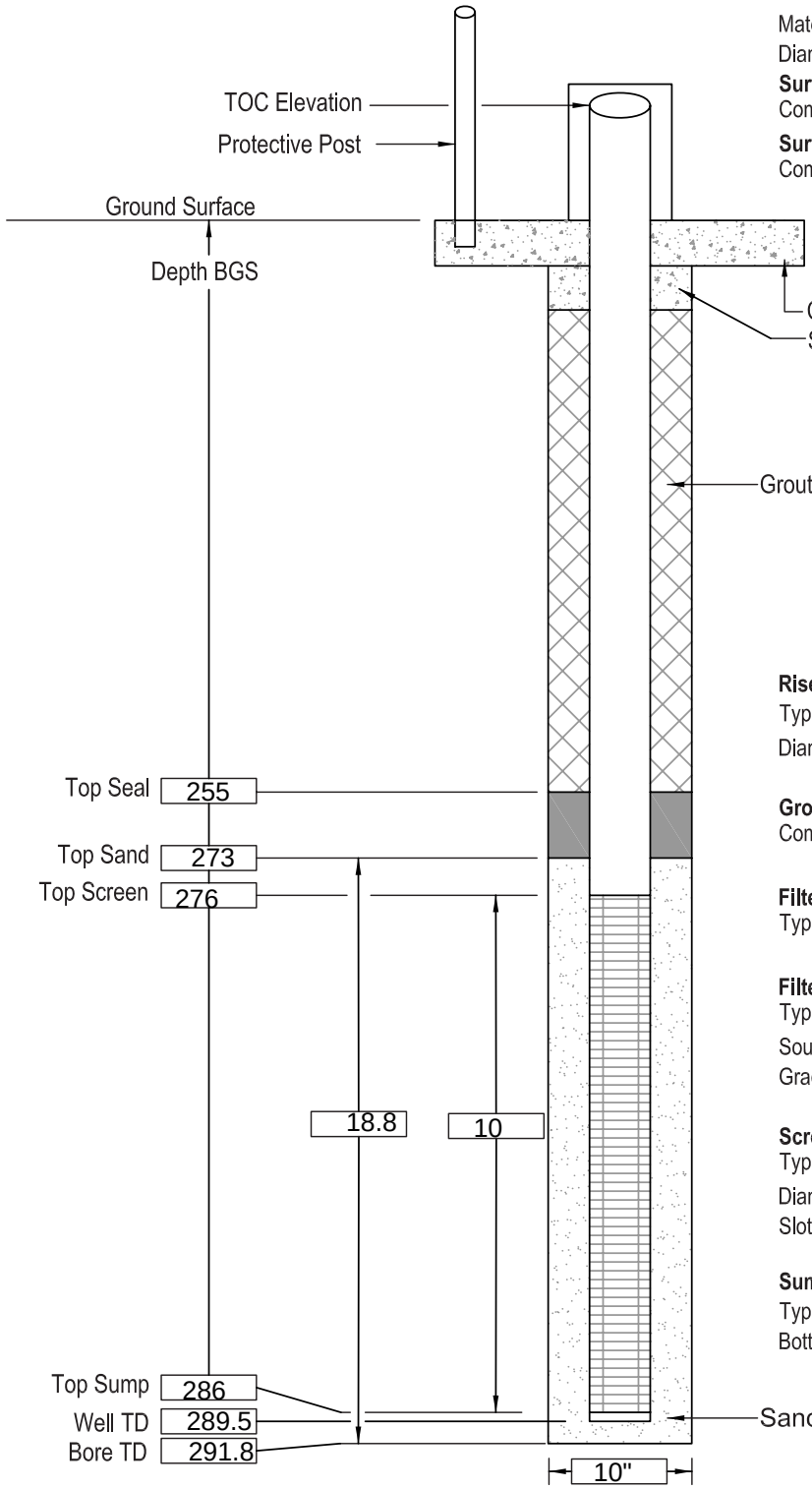
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749862.88 E649286.70
TOC Elevation: 3512.10
Surface Elevation: 3510.04

Well No: PTX06-ISB447
Well Type: Perched ISB
Date Constructed: 08-26-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

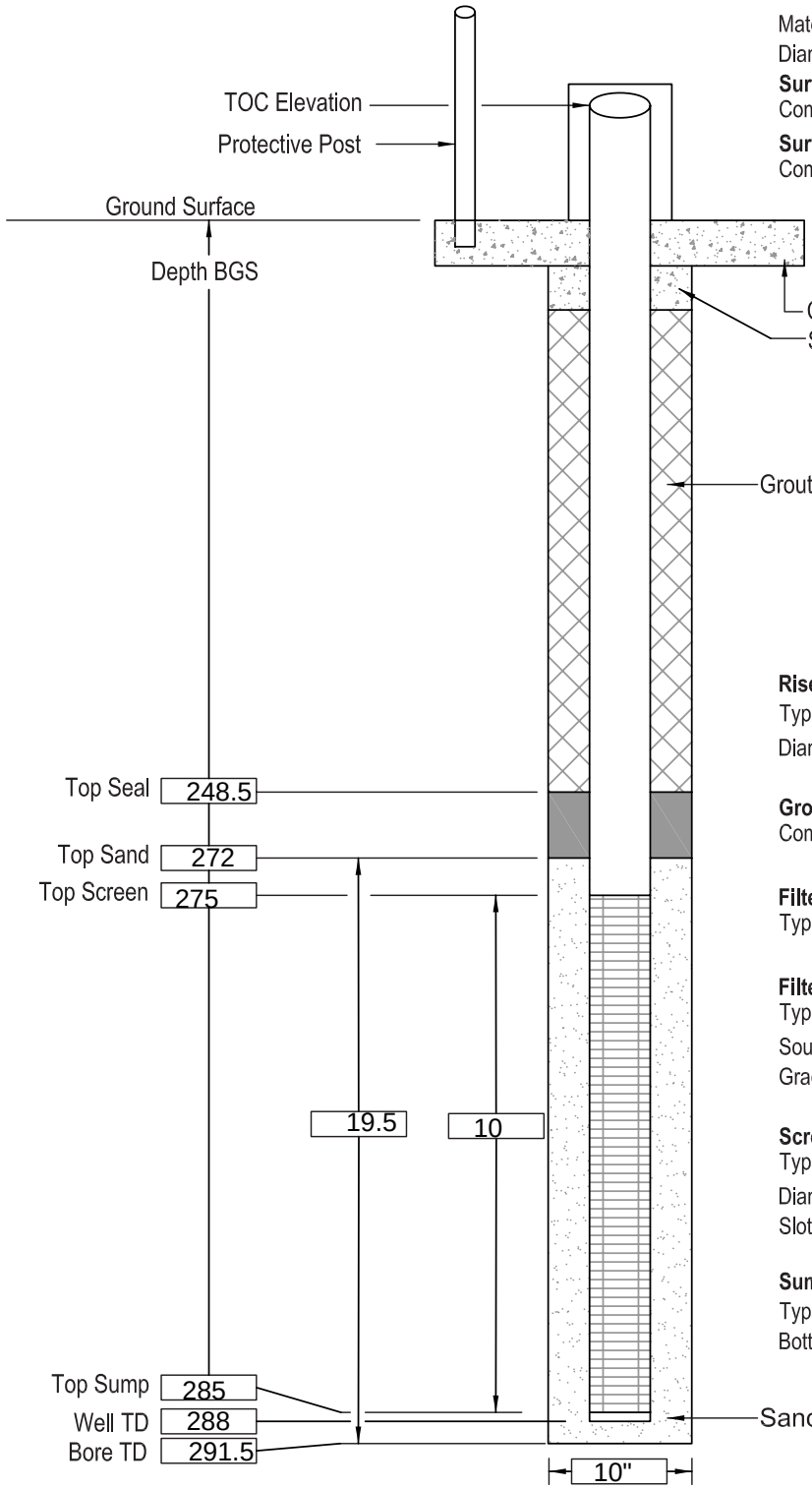
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749917.94 E649347.71
TOC Elevation: 3512.13
Surface Elevation: 3510.11

Well No: PTX06-ISB448
Well Type: Perched ISB
Date Constructed: 08-23 + 08-24-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

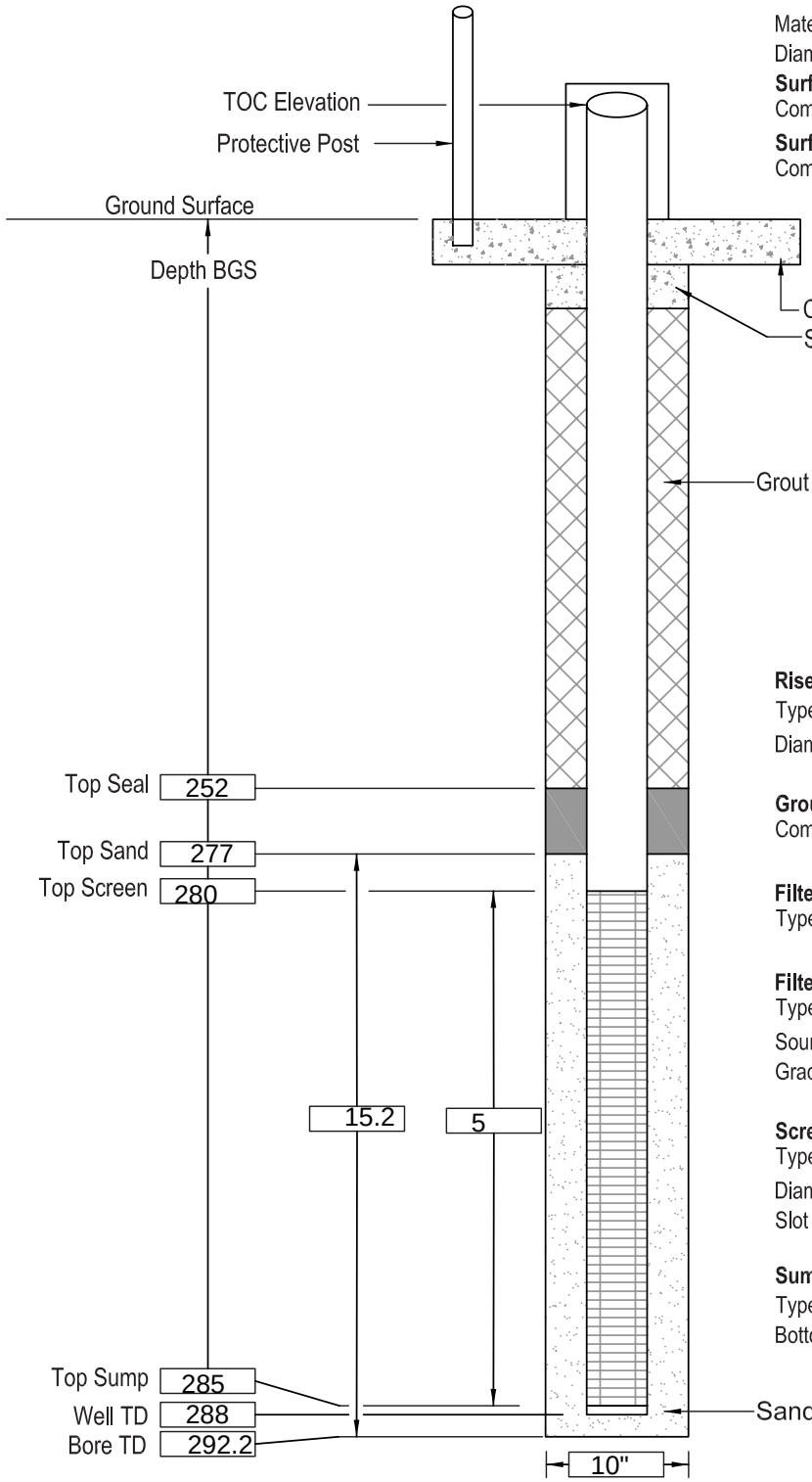
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749973.28 E649407.57
TOC Elevation: 3512.20
Surface Elevation: 3510.18

Well No: PTX06-ISB449
Well Type: Perched ISB
Date Constructed: 08-22-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

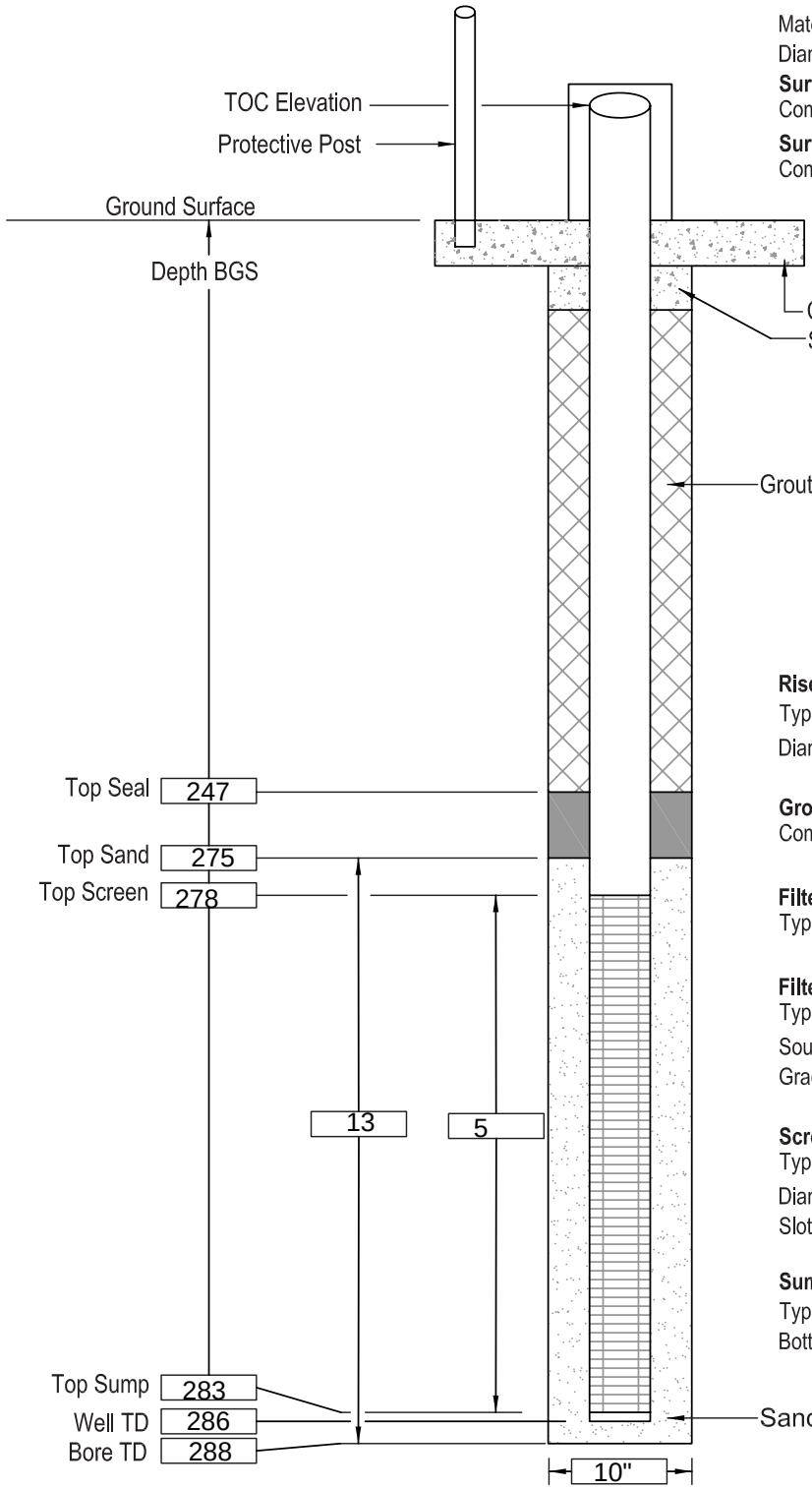
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750028.13 E649467.66
TOC Elevation: 3511.79
Surface Elevation: 3509.66

Well No: PTX06-ISB450
Well Type: Perched ISB
Date Constructed: 08-20-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

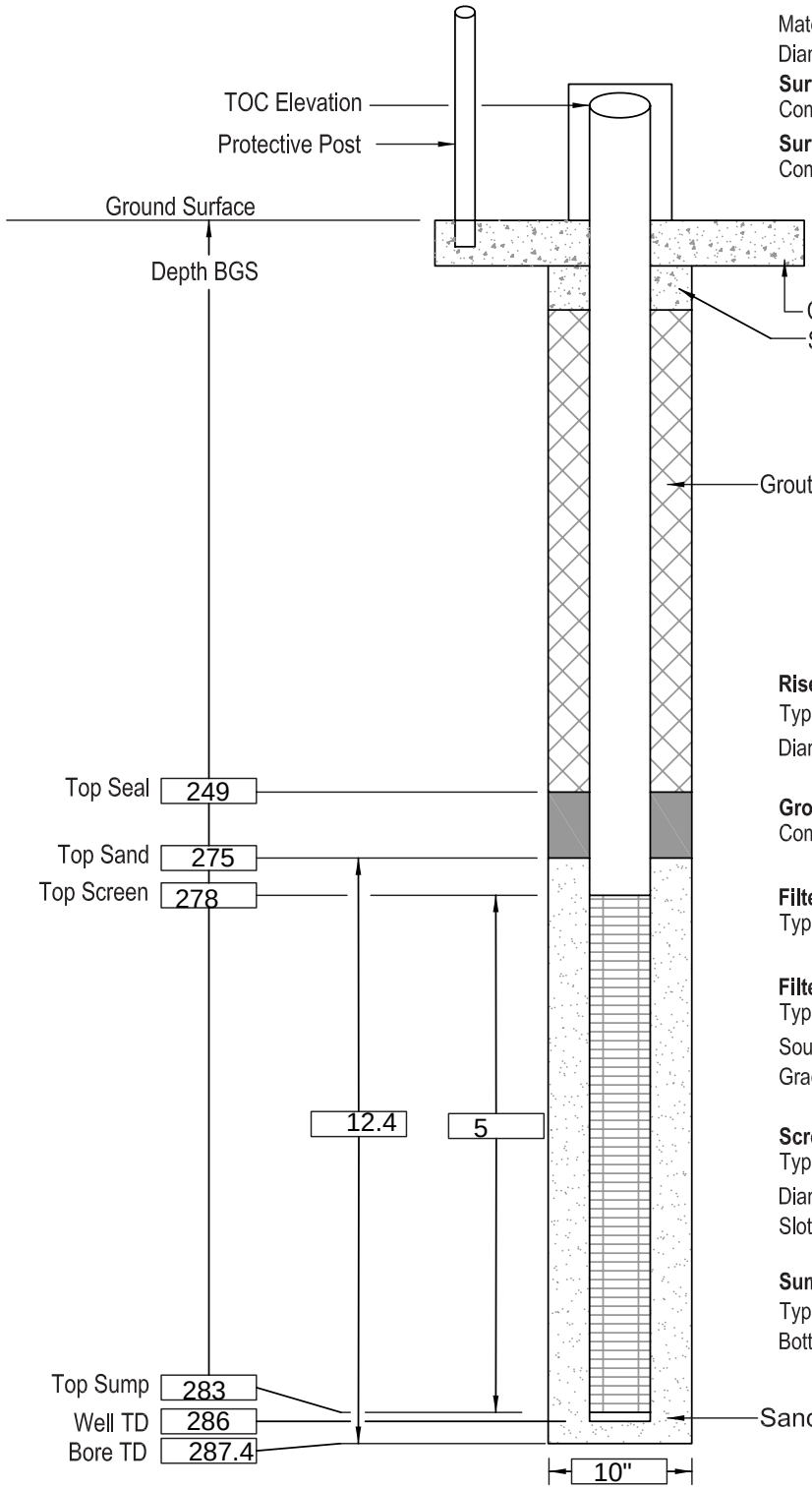
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750083.49 E649528.05
TOC Elevation: 3512.60
Surface Elevation: 3510.55

Well No: PTX06-ISB451
Well Type: Perched ISB
Date Constructed: 08-18-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

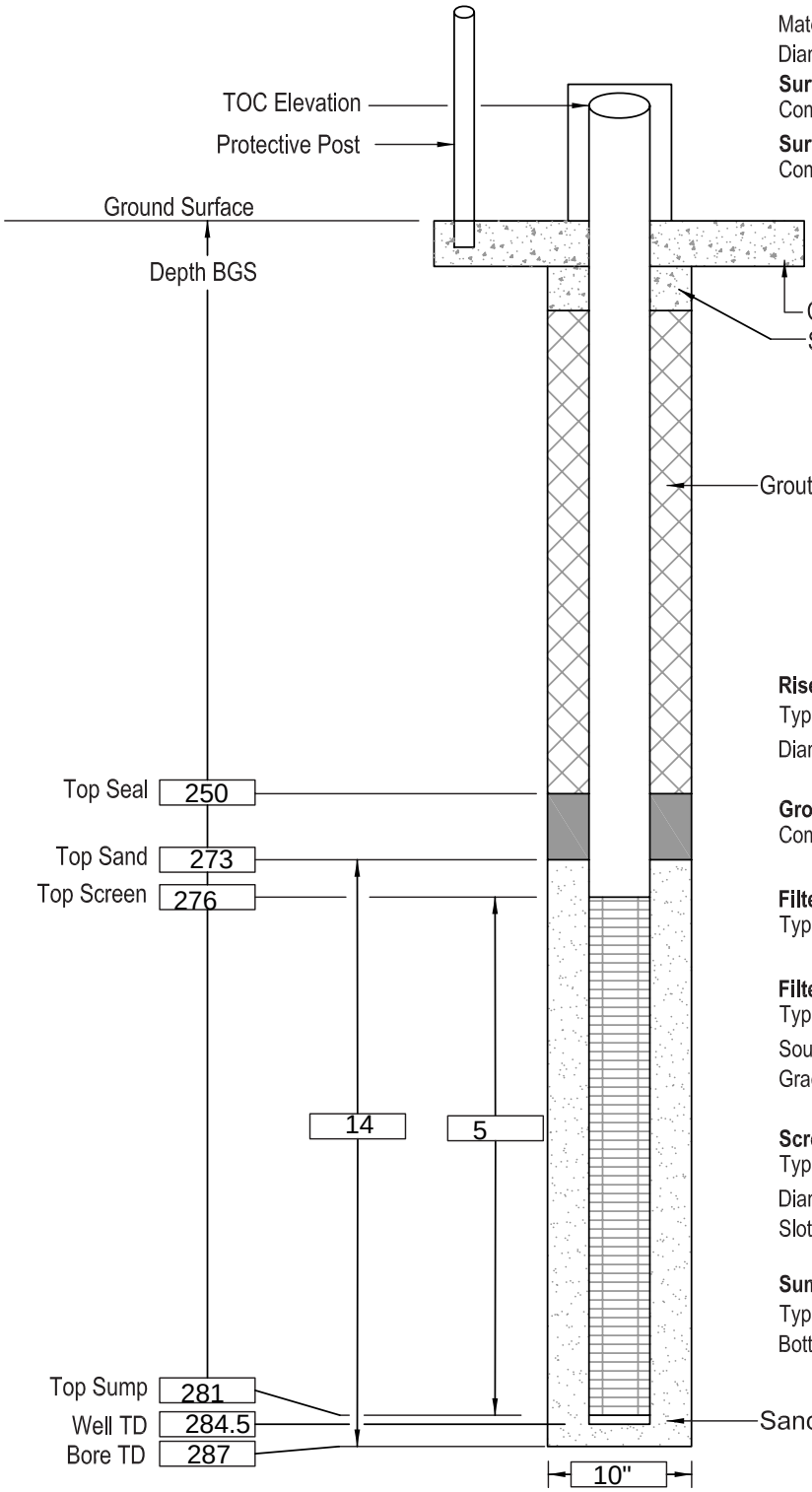
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750138.63 E649586.87
TOC Elevation: 3512.58
Surface Elevation: 3510.53

Well No: PTX06-ISB452
Well Type: Perched ISB
Date Constructed: 08-10-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

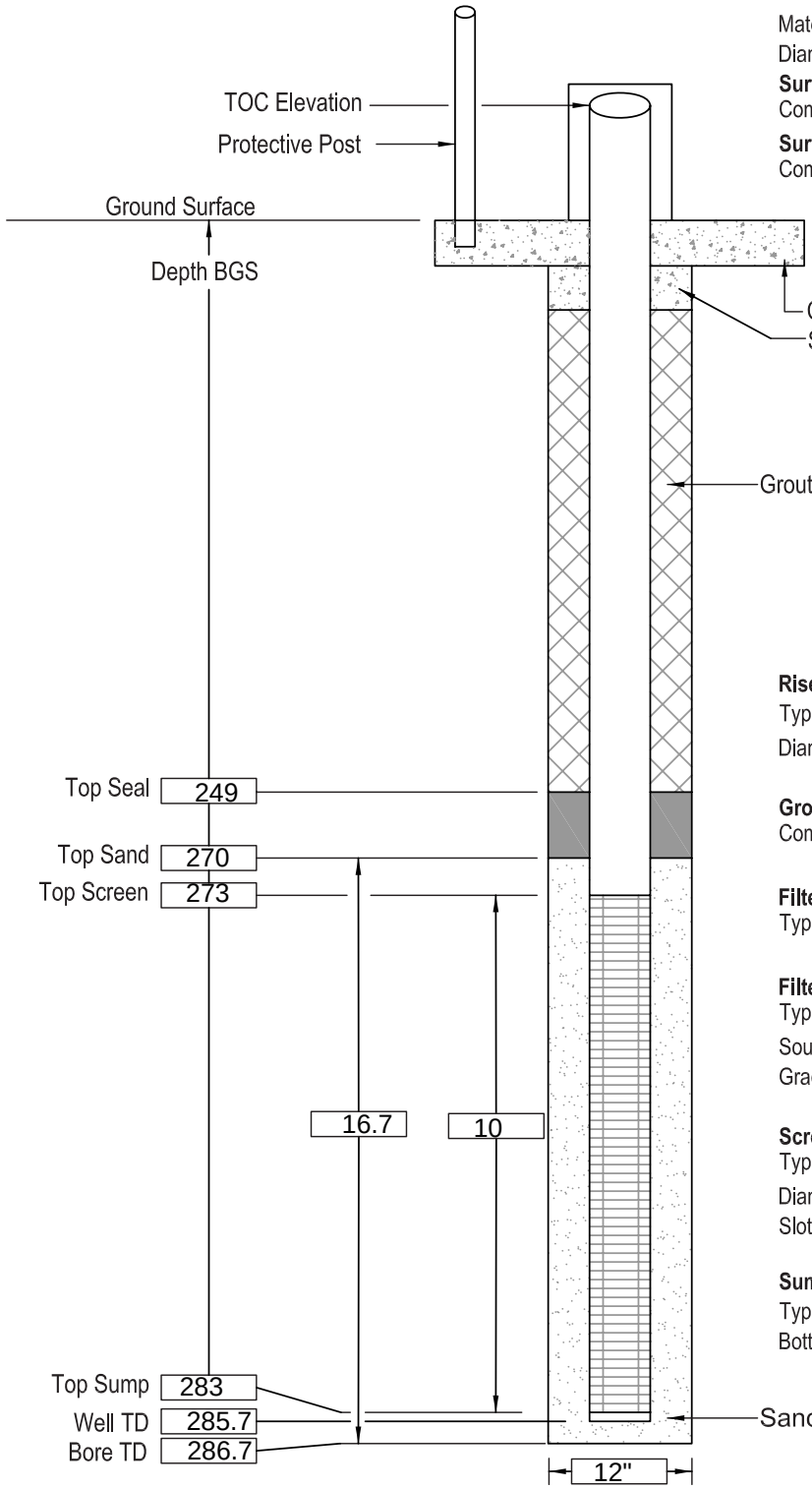
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Texas Tech Prop.
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3753175.99 E649890.40
TOC Elevation: 3533.86
Surface Elevation: 3531.81

Well No: PTX06-ISB607
Well Type: Perched ISB
Date Constructed: 04-01-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC + 20' SS above screen
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

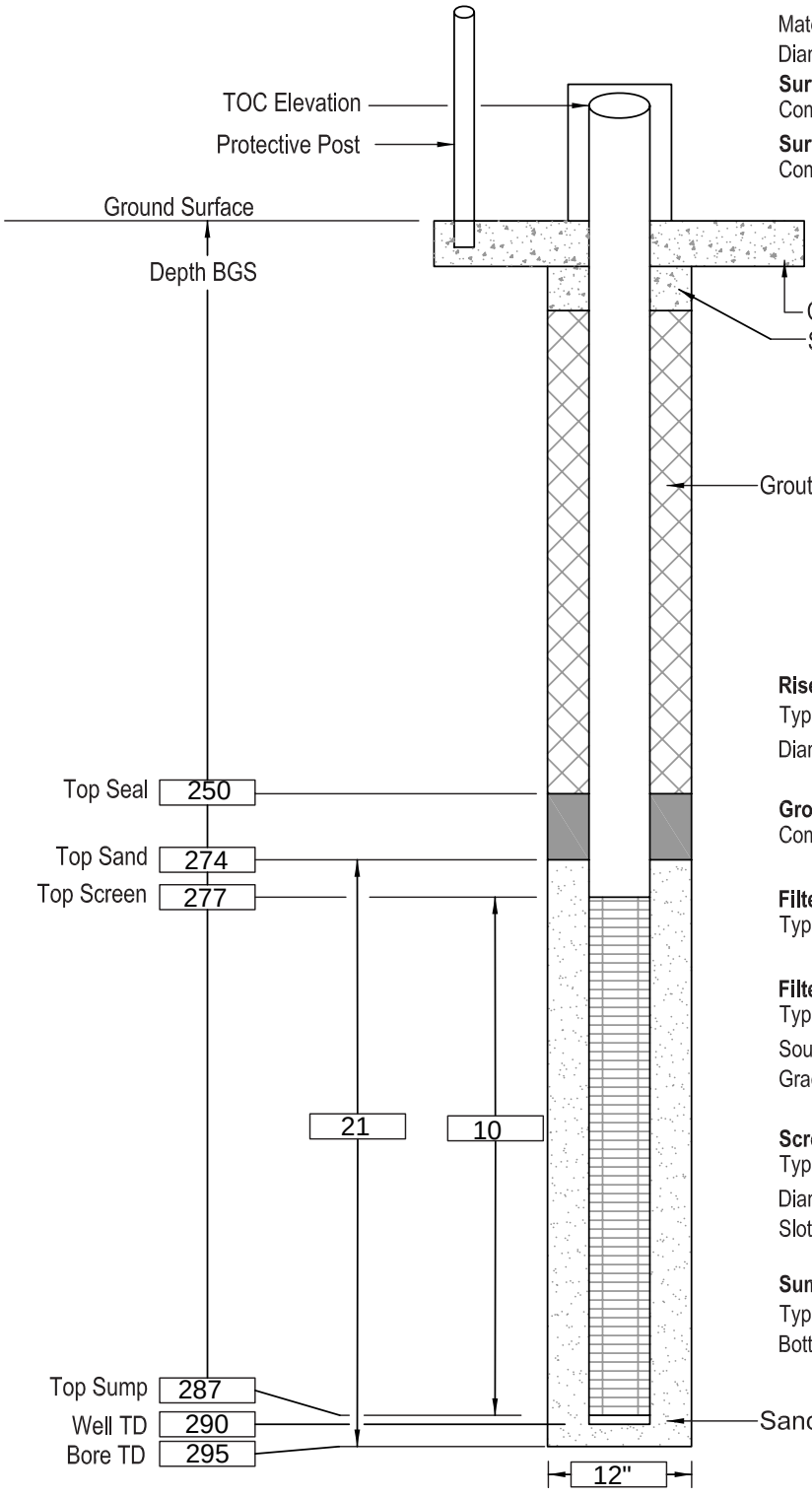
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749213.32 E650437.73
TOC Elevation: 3510.58
Surface Elevation: 3508.44

Well No: PTX06-REC412
Well Type: Perched Extraction
Date Constructed: 04-06-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type:
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

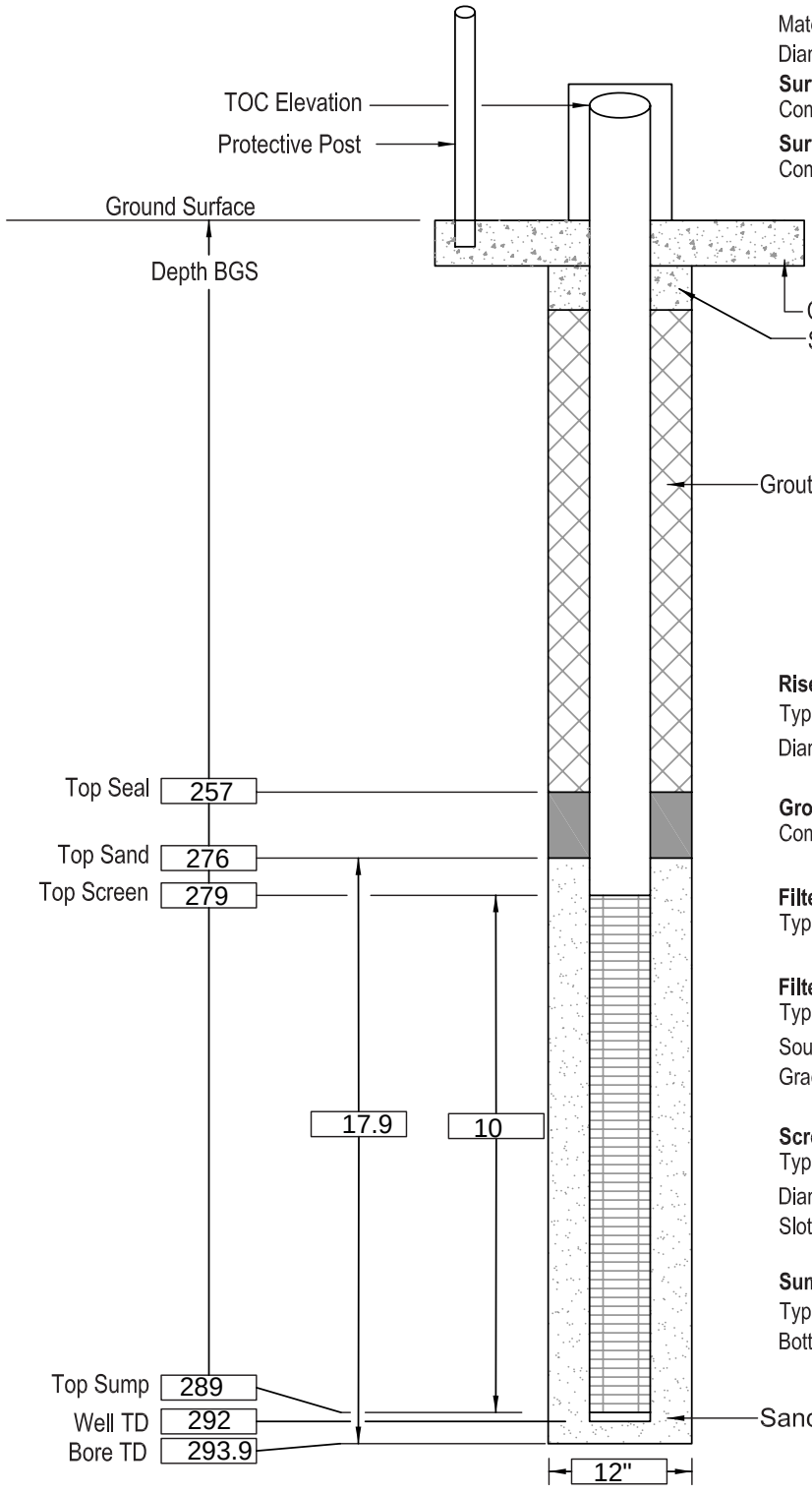
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749262.62 E650512.91
TOC Elevation: 3510.71
Surface Elevation: 3508.62

Well No: PTX06-REC413
Well Type: Perched Extraction
Date Constructed: 04-12-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

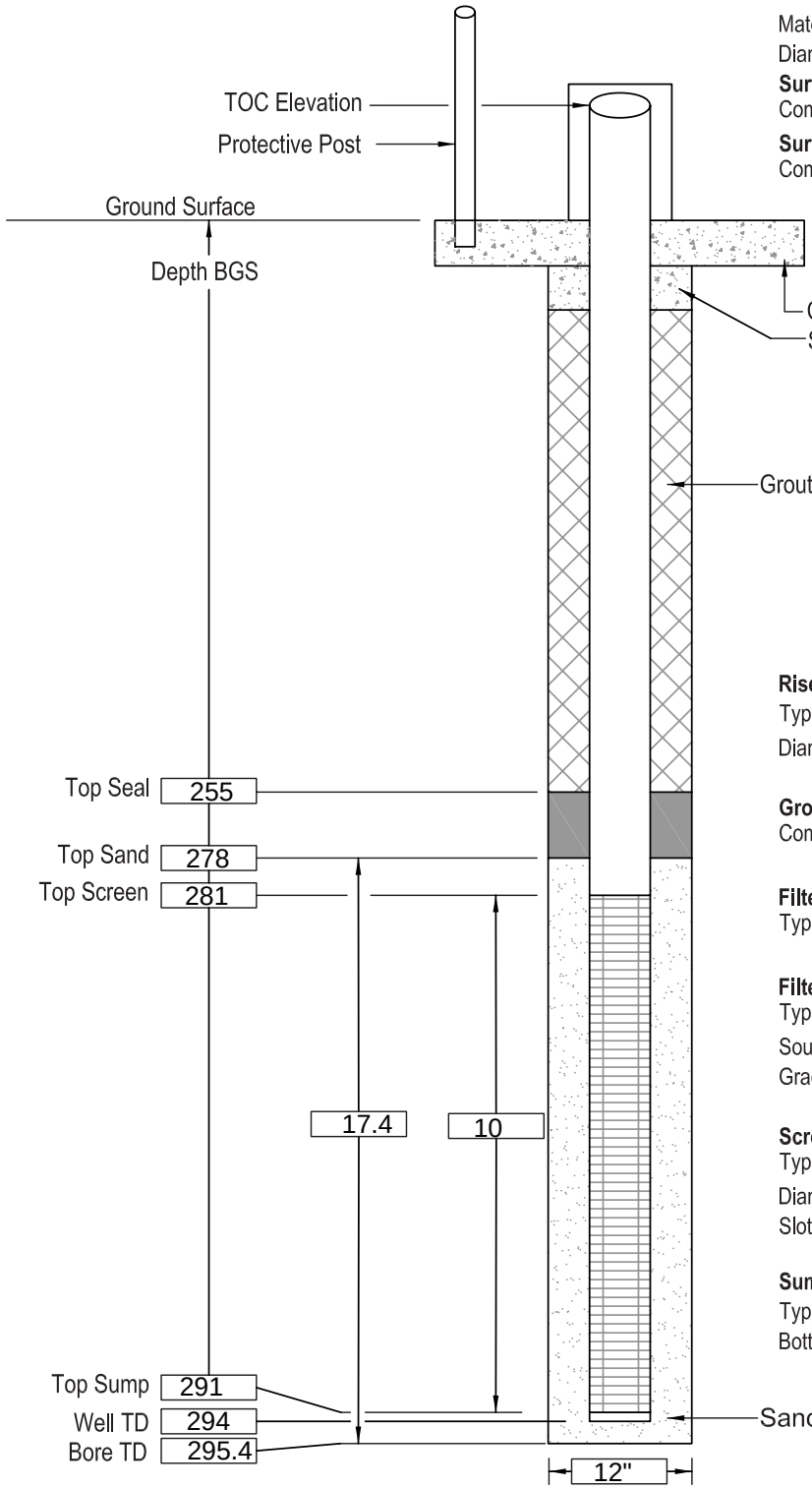
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749313.76 E650587.71
TOC Elevation: 3511.20
Surface Elevation: 3509.13

Well No: PTX06-REC414
Well Type: Perched Extraction
Date Constructed: 05-21-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

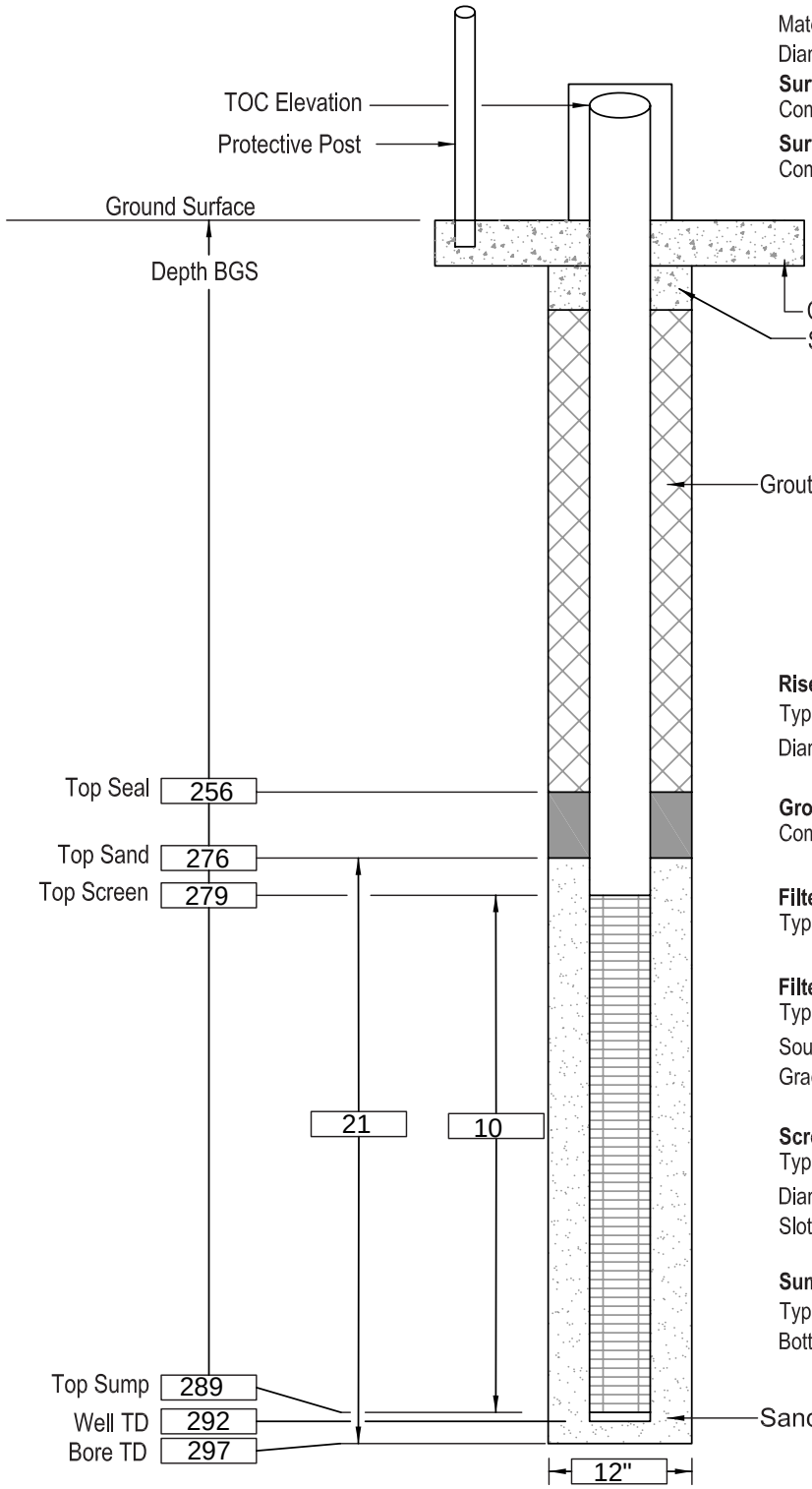
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749363.57 E650662.99
TOC Elevation: 3510.75
Surface Elevation: 3508.68

Well No: PTX06-REC415
Well Type: Perched Extraction
Date Constructed: 06-22 + 06-23-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

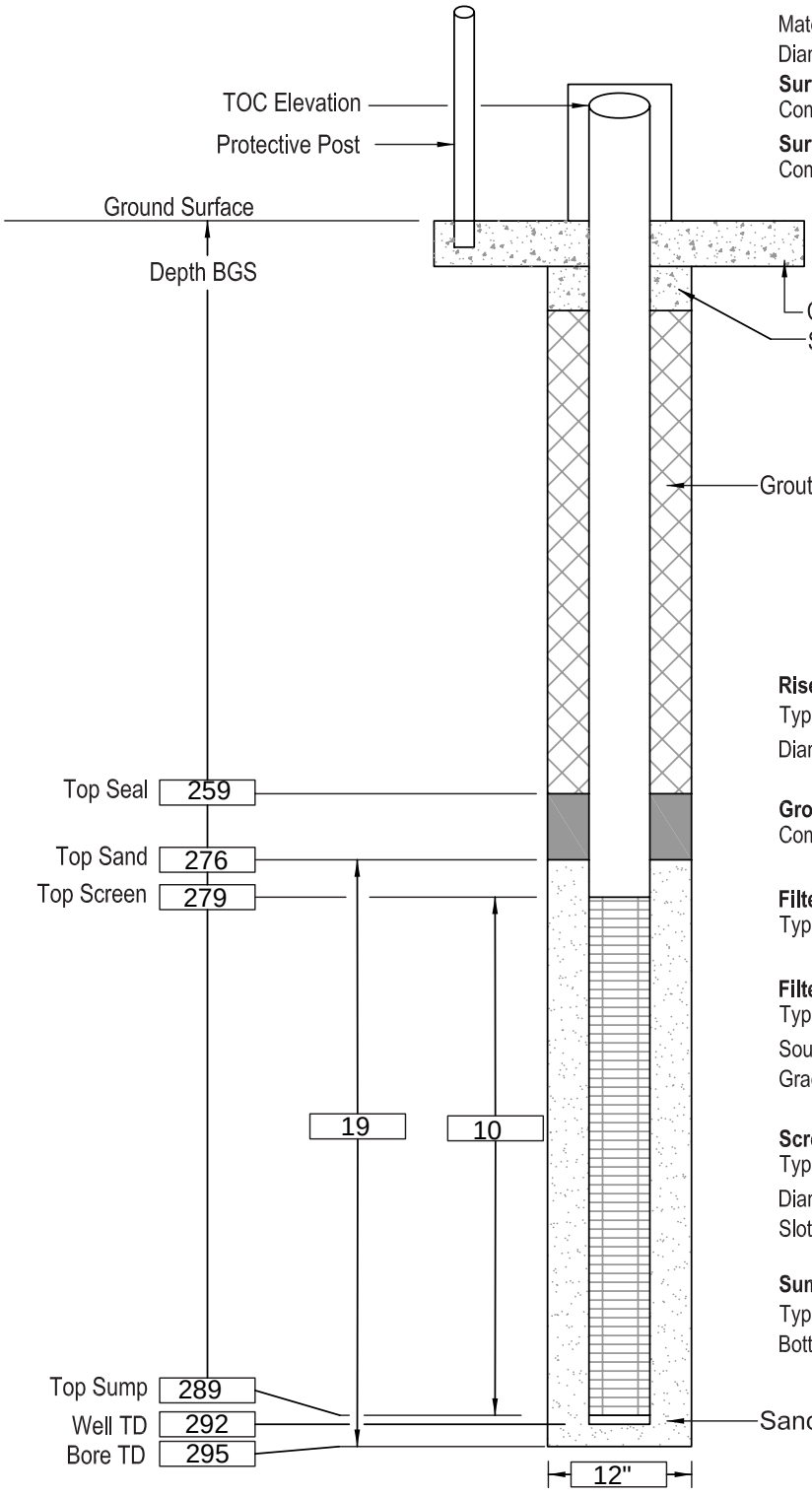
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749762.93 E651187.96
TOC Elevation: 3511.89
Surface Elevation: 3509.75

Well No: PTX06-REC423
Well Type: Perched Extraction
Date Constructed: 04-05-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

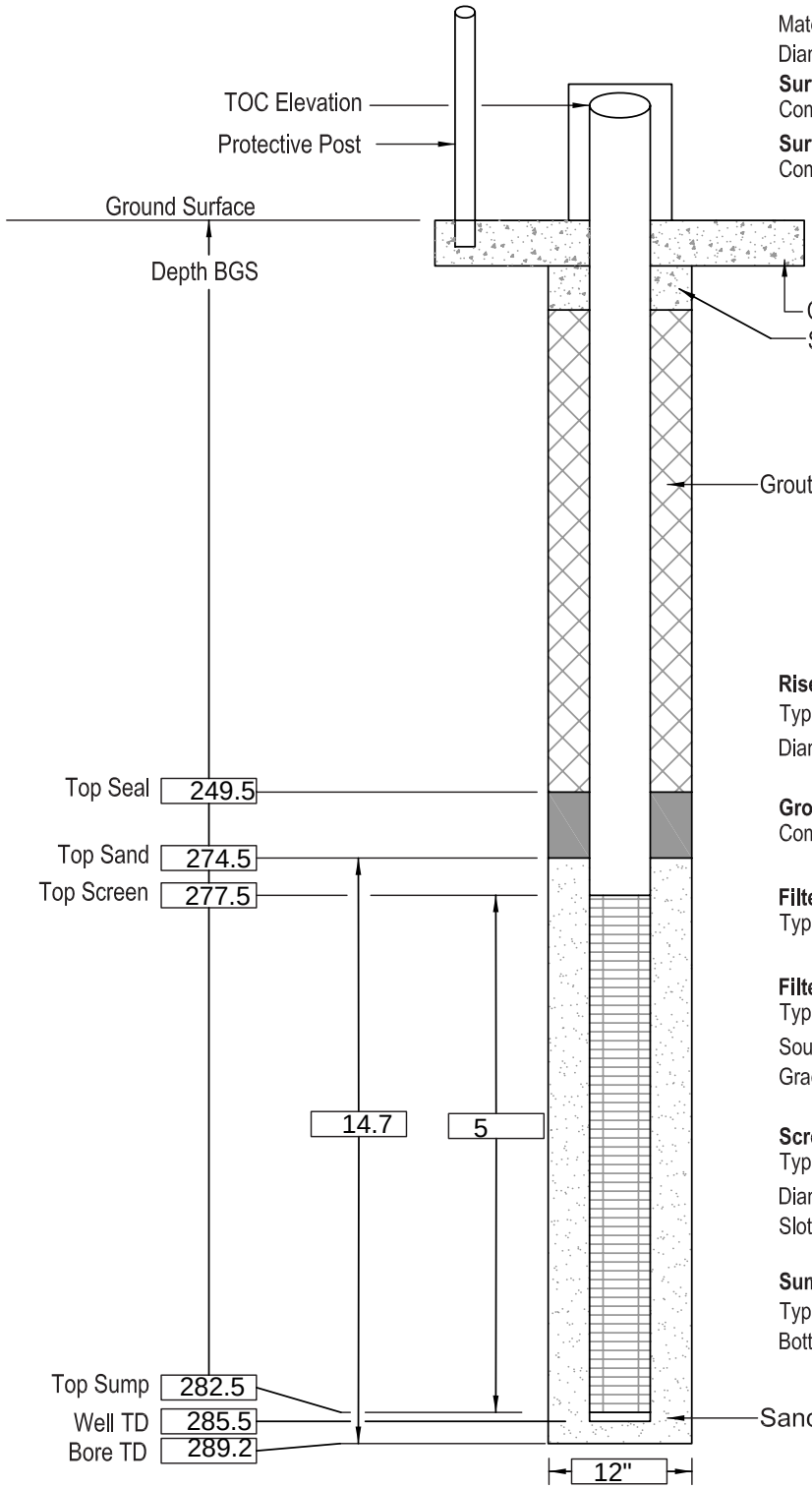
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749688.43 E649712.76
TOC Elevation: 3511.39
Surface Elevation: 3509.30

Well No: PTX06-REC427
Well Type: Perched Extraction
Date Constructed: 05-18-2023
Observed By: J Ford + R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

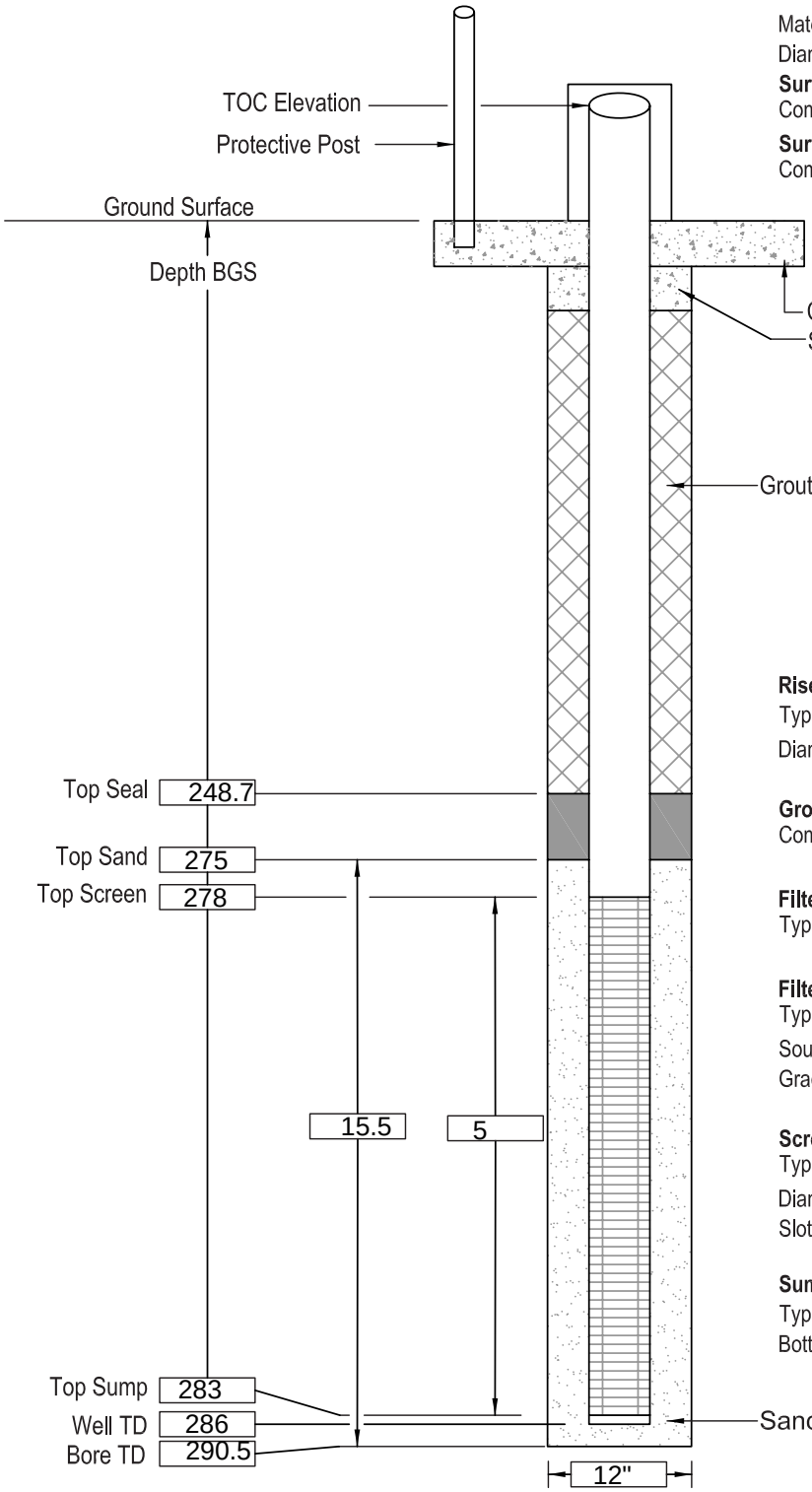
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749742.50 E649777.58
TOC Elevation: 3510.94
Surface Elevation: 3508.92

Well No: PTX06-REC428
Well Type: Perched Extraction
Date Constructed: 05-31-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

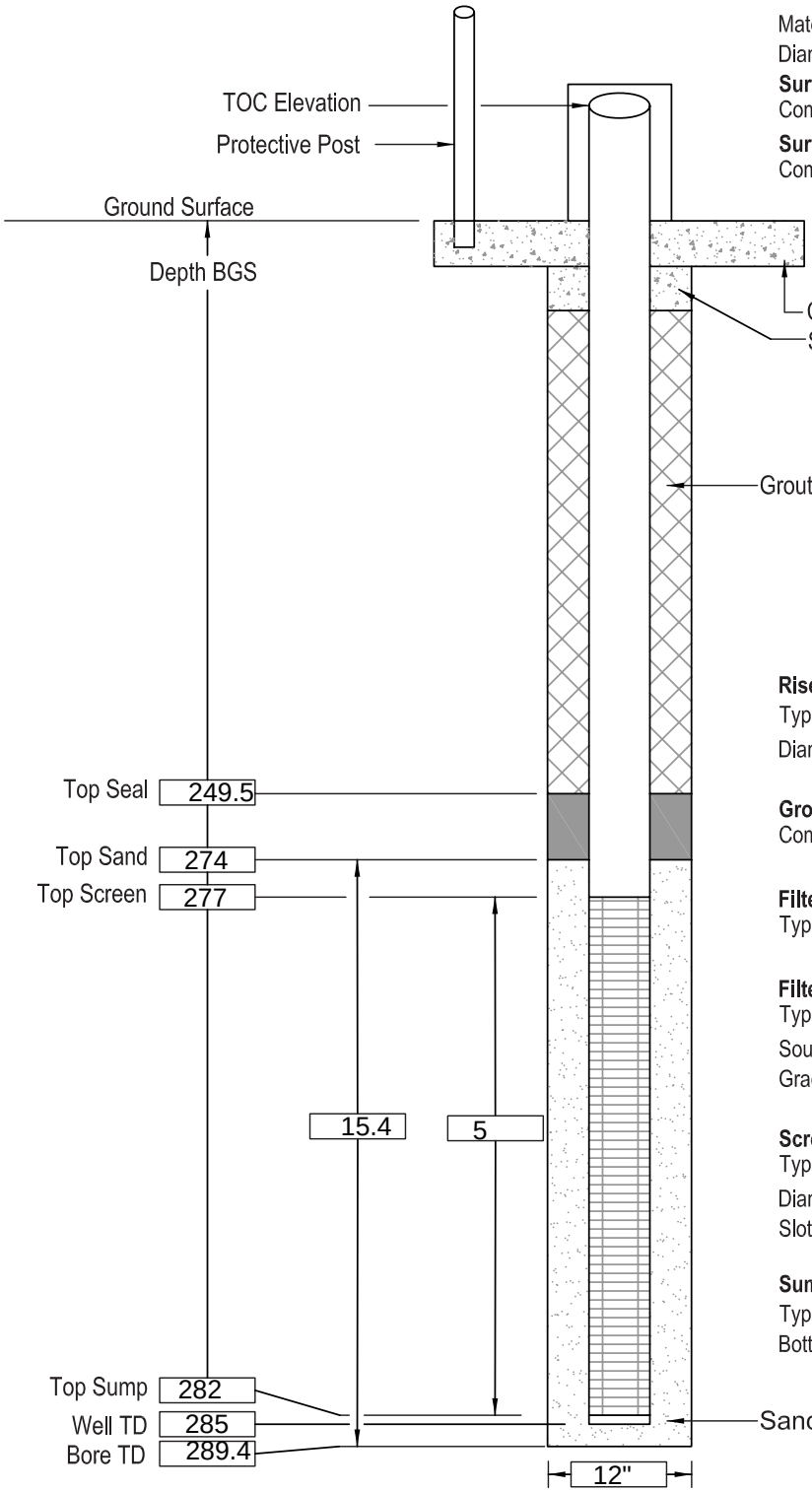
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749798.74 E649843.53
TOC Elevation: 3511.59
Surface Elevation: 3509.41

Well No: PTX06-REC429
Well Type: Perched Extraction
Date Constructed: 06-13-2023
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

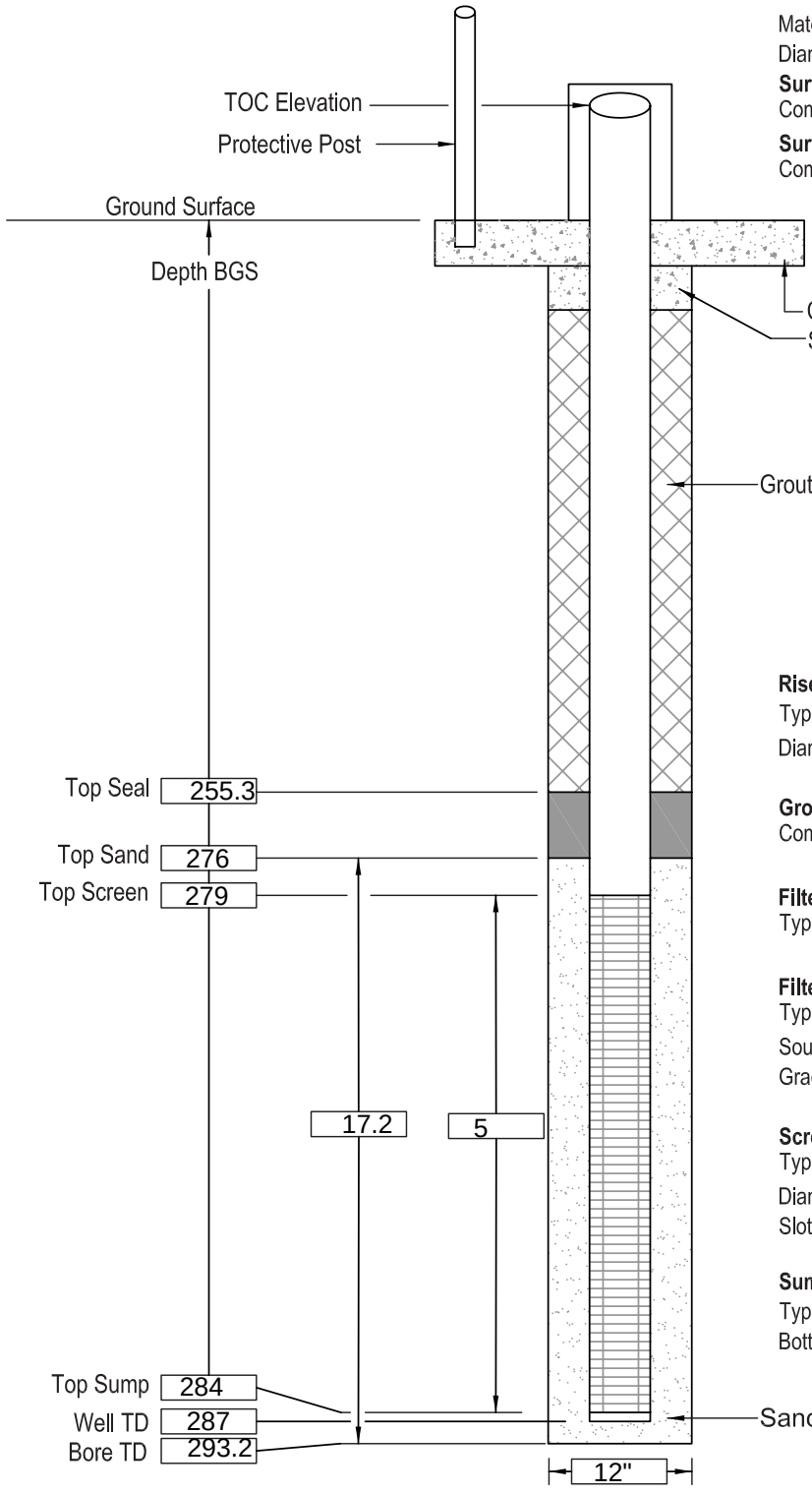
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749854.10 E649907.33
TOC Elevation: 3511.84
Surface Elevation: 3509.76

Well No: PTX06-REC430
Well Type: Perched Extraction
Date Constructed: 06-25-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

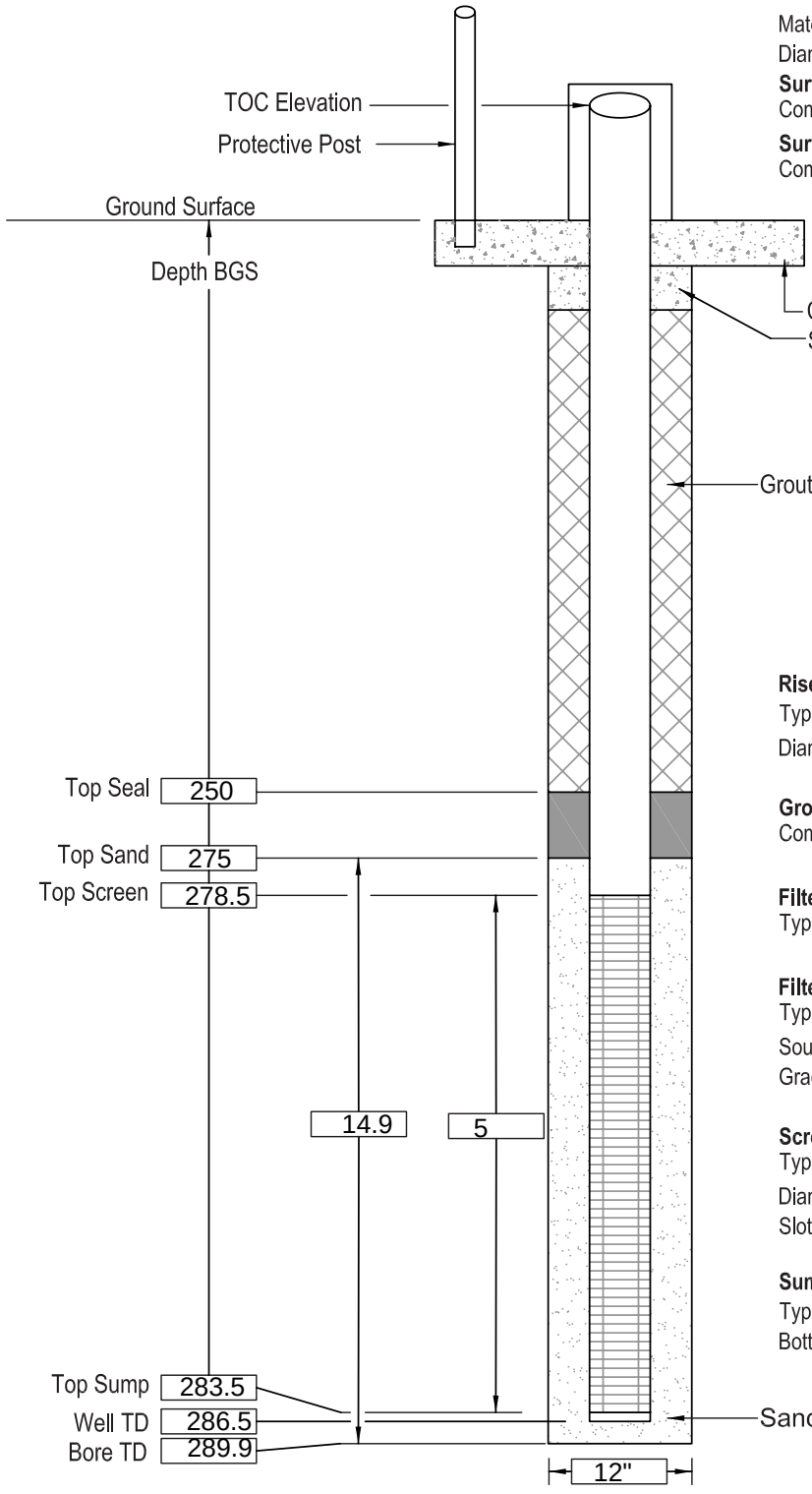
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749909.07 E649973.39
TOC Elevation: 3511.71
Surface Elevation: 3509.72

Well No: PTX06-REC431
Well Type: Perched Extraction
Date Constructed: 07-19 + 07-20-2023
Observed By: J. Ford + R. Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

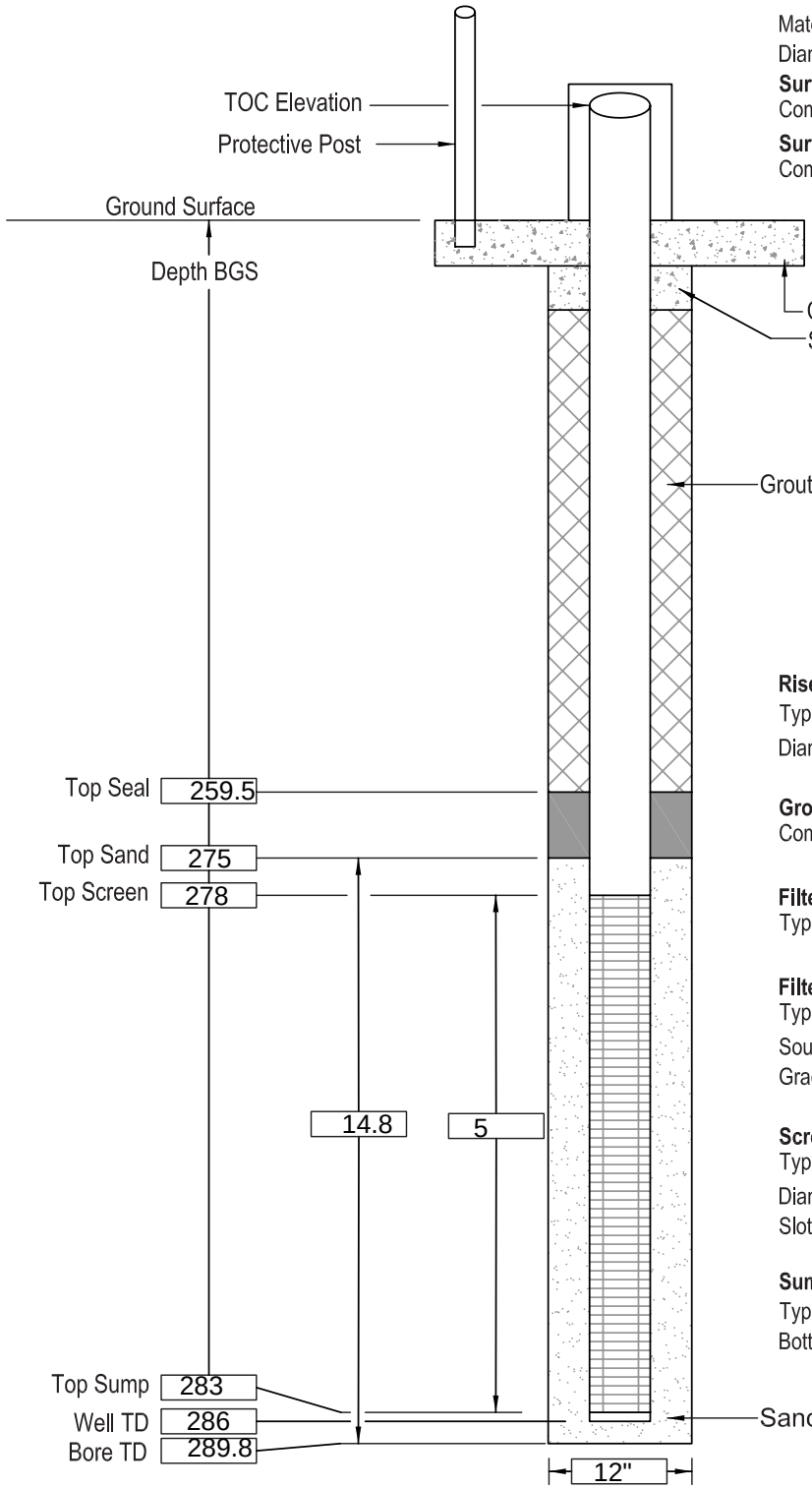
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3749964.07 E650037.95
TOC Elevation: 3512.07
Surface Elevation: 3509.93

Well No: PTX06-REC432
Well Type: Perched Extraction
Date Constructed: 07-09 + 07-10-2023
Observed By: R. Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

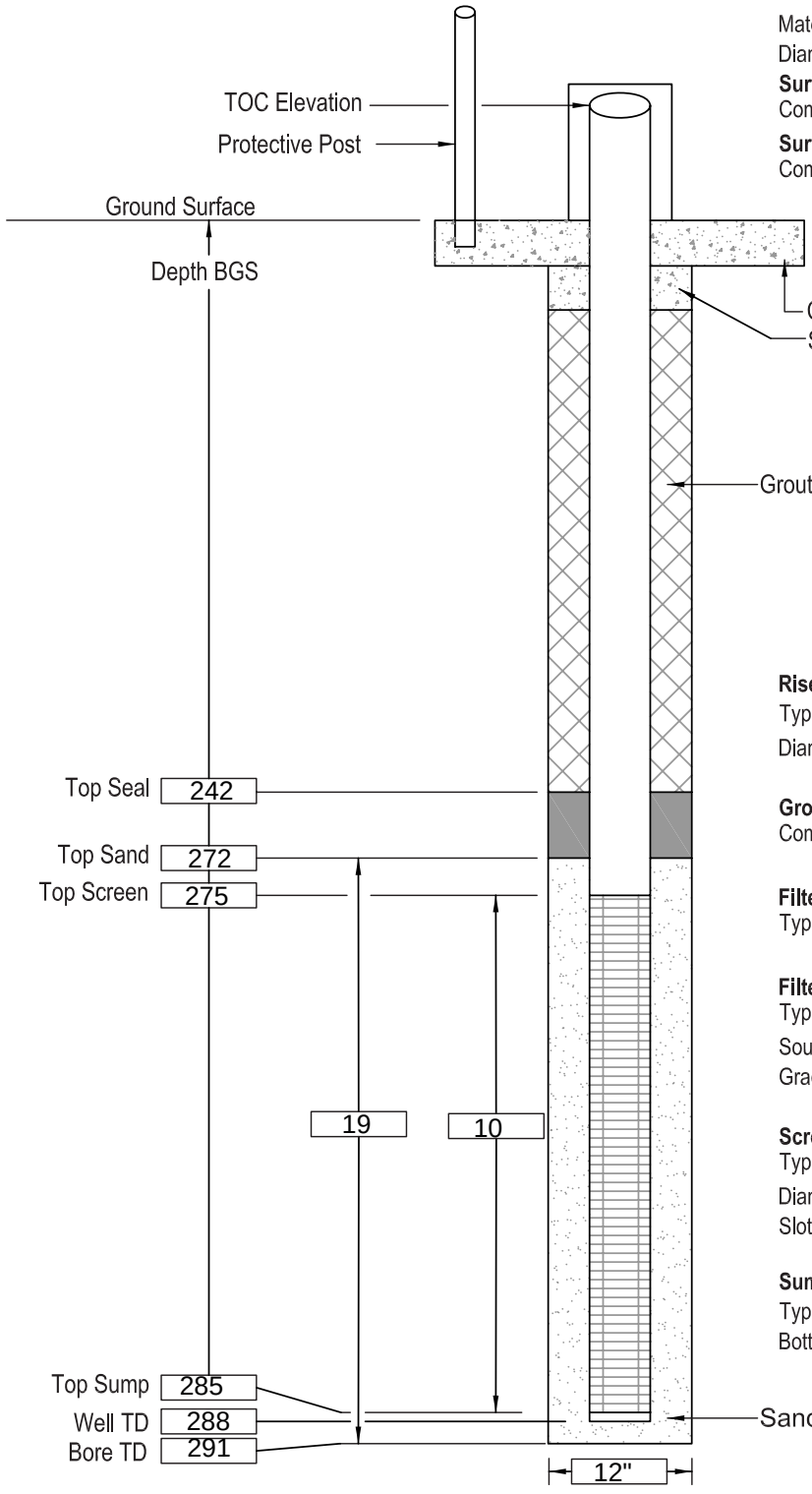
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750517.92 E650617.99
TOC Elevation: 3513.49
Surface Elevation: 3511.46

Well No: PTX06-REC437
Well Type: Perched Extraction
Date Constructed: 07-11-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

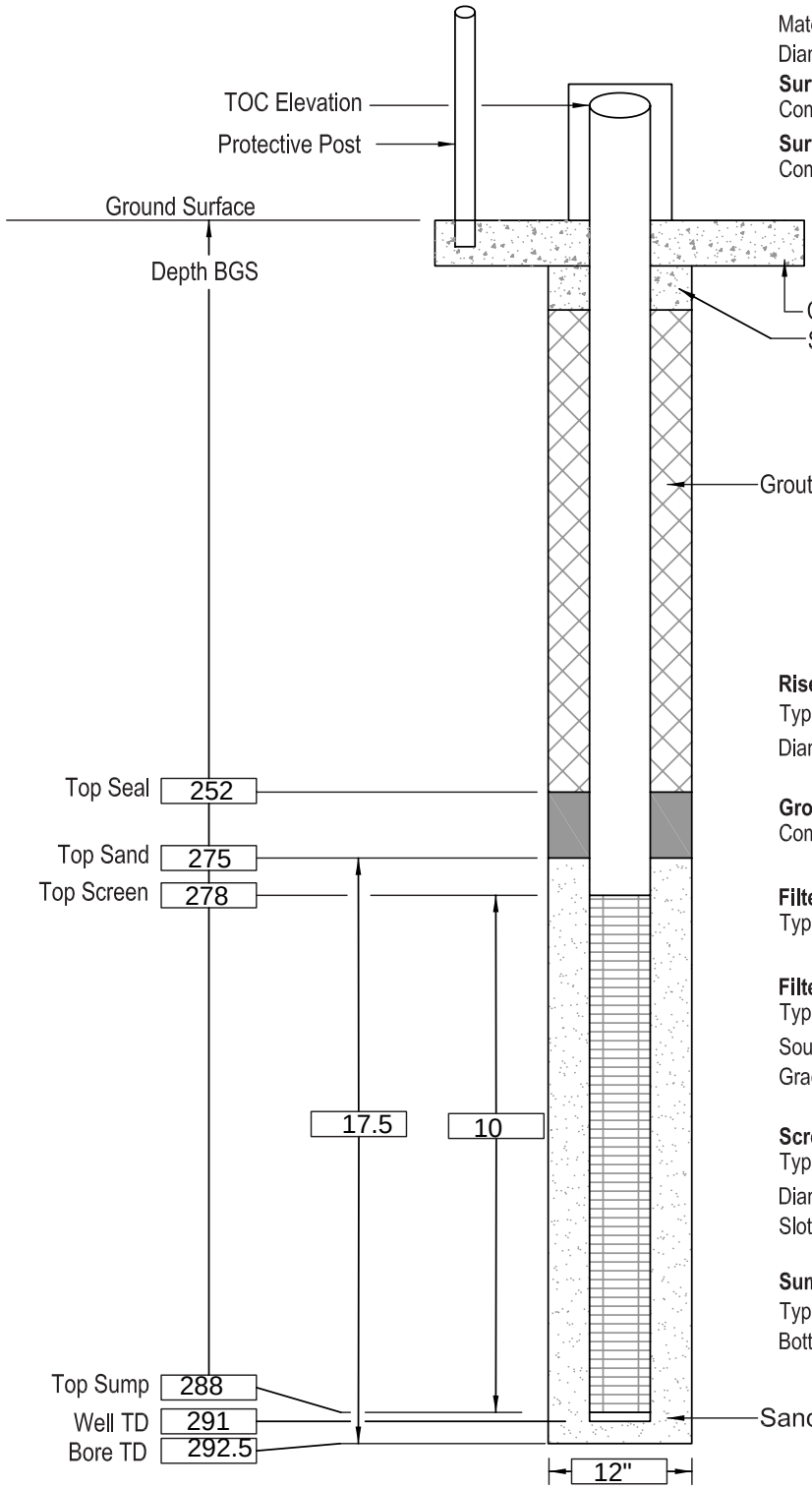
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750569.55 E650681.26
TOC Elevation: 3513.21
Surface Elevation: 3511.17

Well No: PTX06-REC438
Well Type: Perched Extraction
Date Constructed: 07-19-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

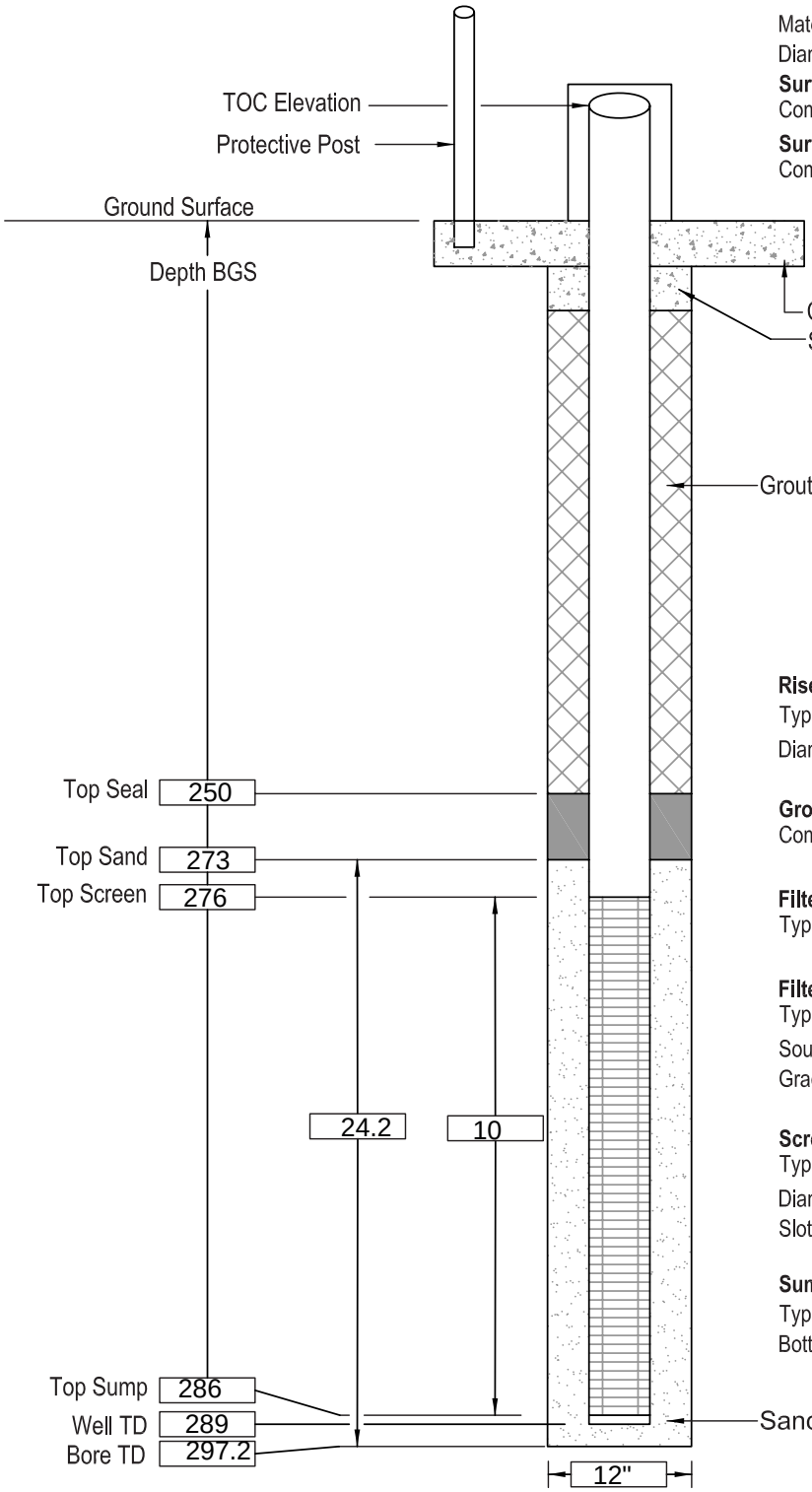
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750626.27 E650749.77
TOC Elevation: 3513.72
Surface Elevation: 3511.59

Well No: PTX06-REC439
Well Type: Perched Extraction
Date Constructed: 07-09-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

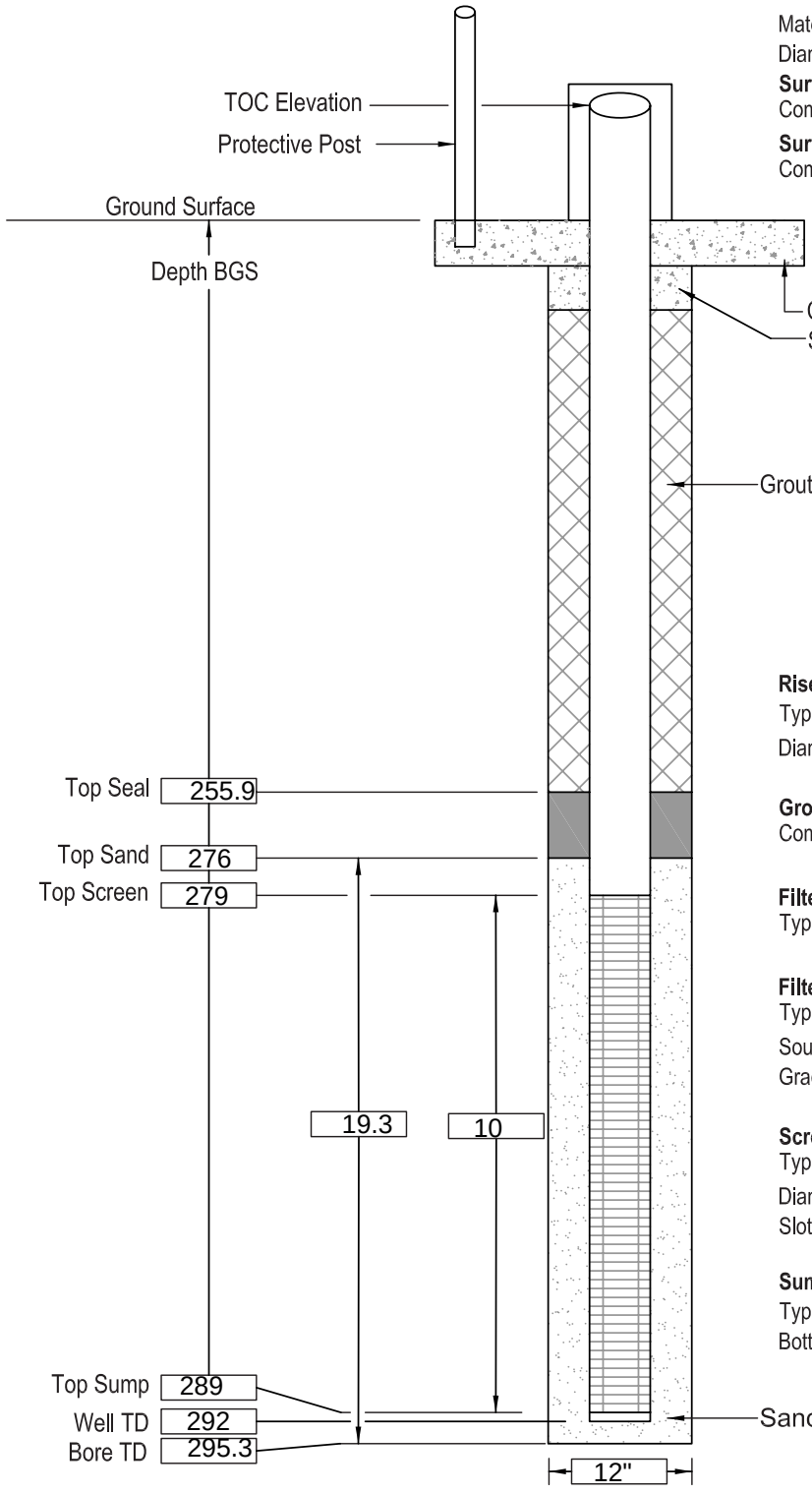
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750684.18 E650818.95
TOC Elevation: 3513.88
Surface Elevation: 3511.73

Well No: PTX06-REC440
Well Type: Perched Extraction
Date Constructed: 06-28-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

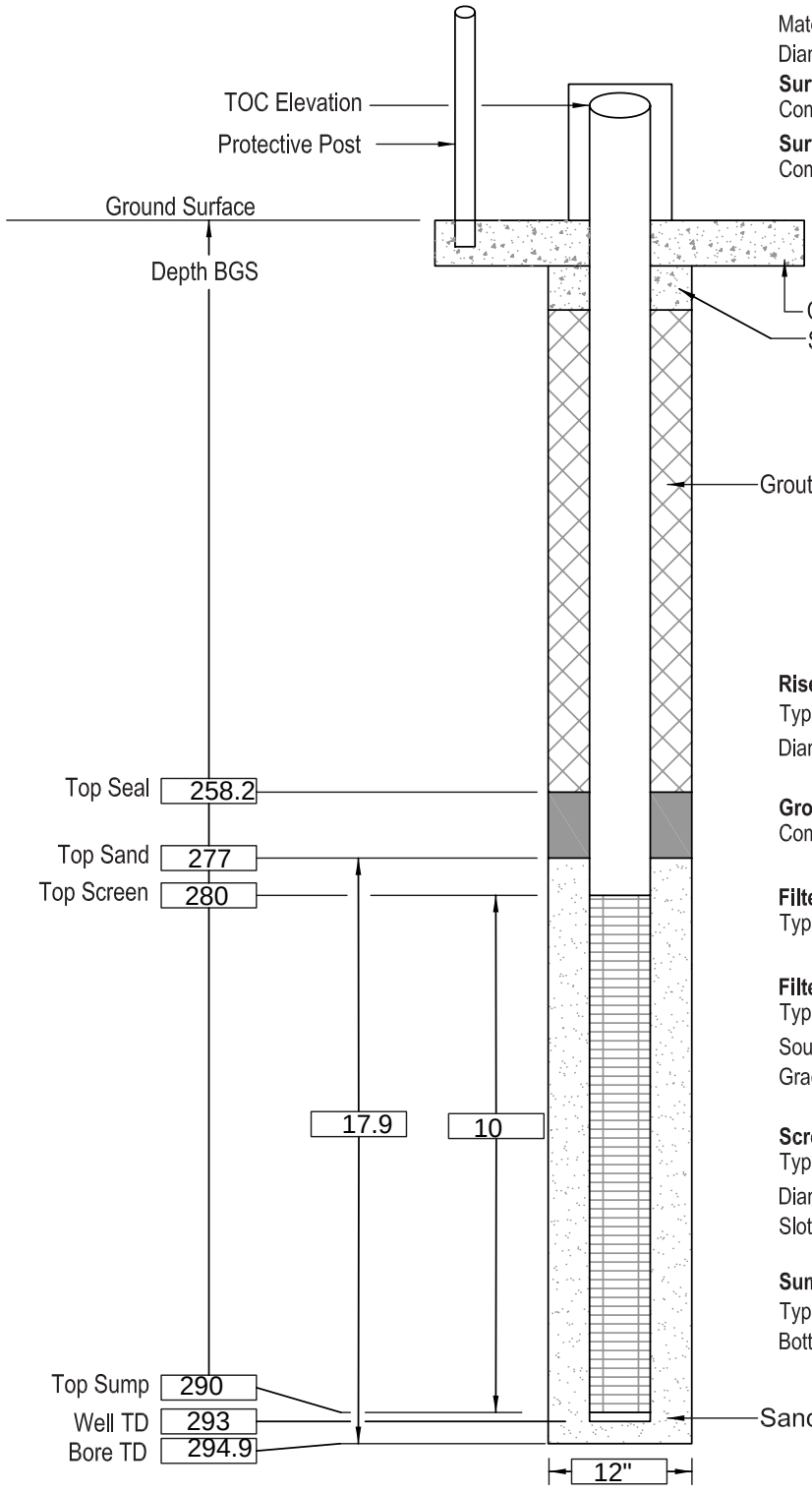
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Tech Services
Driller: Cascade
Well Coordinates: N3750738.62 E650887.46
TOC Elevation: 3513.97
Surface Elevation: 3511.77

Well No: PTX06-REC441
Well Type: Perched Extraction
Date Constructed: 06-20-2023
Observed By: J. Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid 3/8" Bentonite Pellets

Filter Pack
Type: Silica Sand
Source: PW Gillibrand Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 6-inch
Slot Size: 0.010

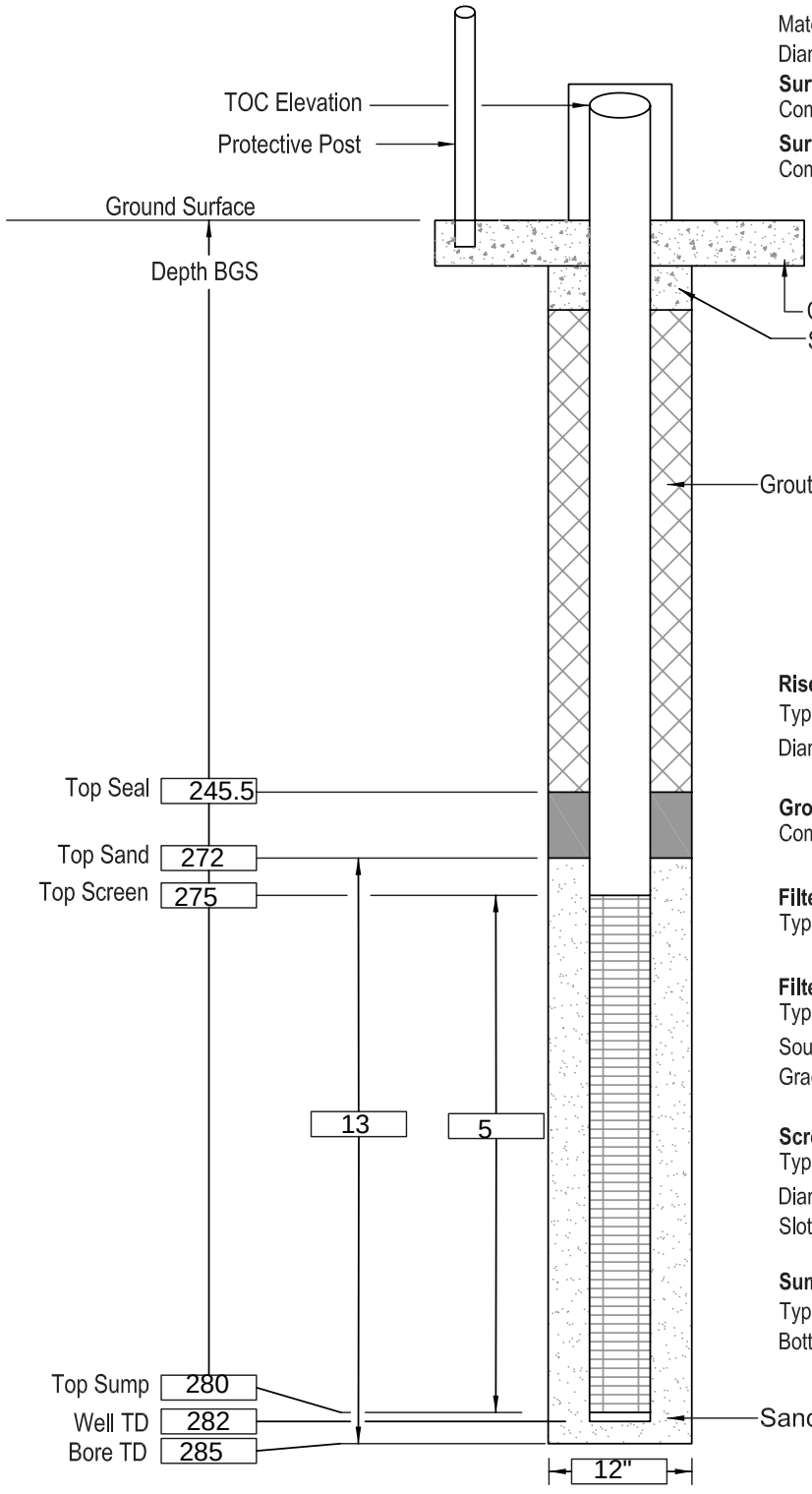
Sump
Type: 316 Stainless Steel
Bottom Cap: 3' Length - Threaded.

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3749339.38 E649844.32
TOC Elevation: 3509.76
Surface Elevation: 3507.68

Well No: PTX06-MINJ402A
Well Type: Injection
Date Constructed: 08-26-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Quik Grout - Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, Texas
Gradation: 12--20

Screen
Type: 316 Stainless Steel wire-wrapped
Diameter: 6-inch
Slot Size: 0.010

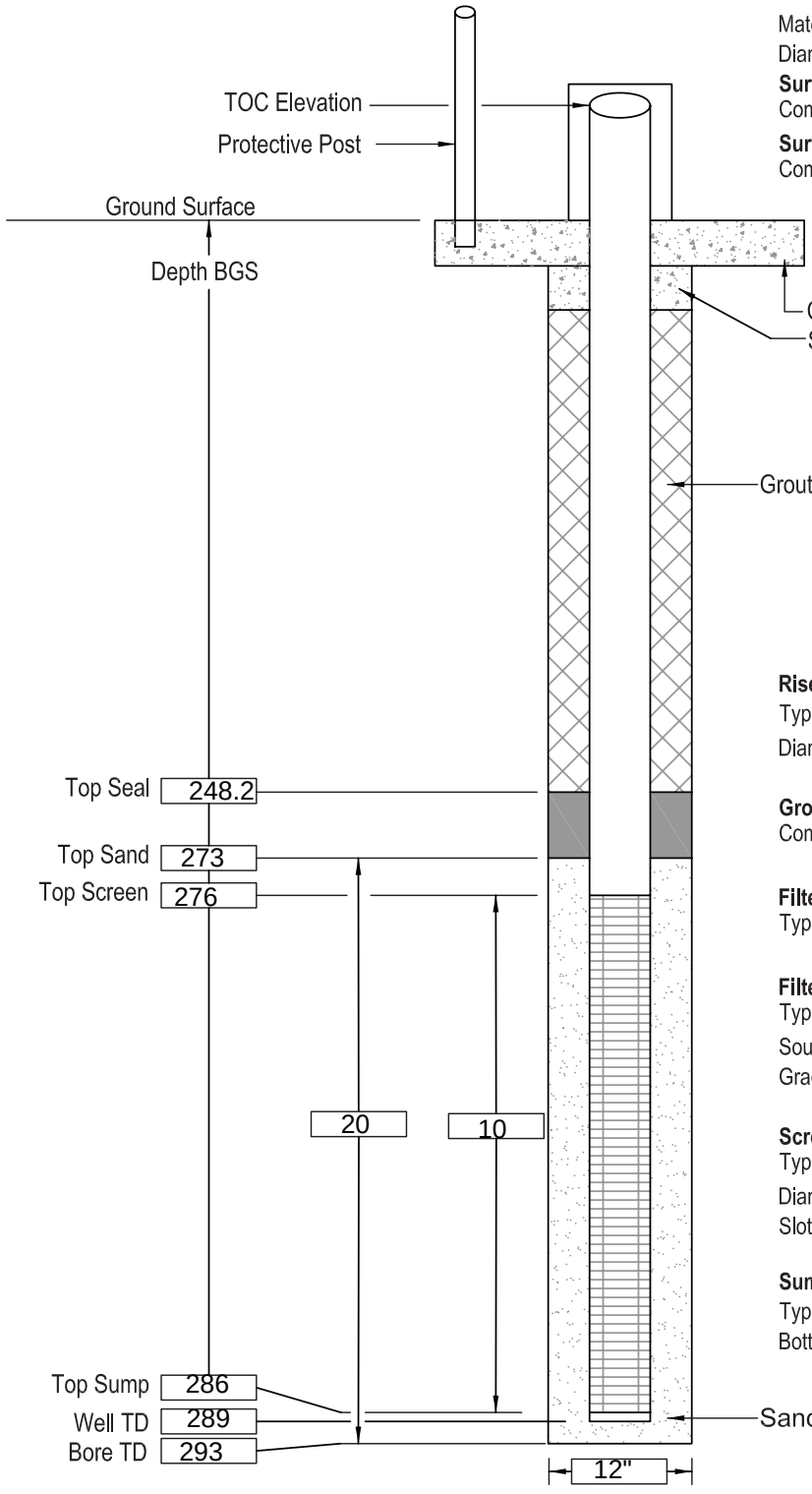
Sump
Type: 316 Stainless Steel w/Stainless Steel Cap
Bottom Cap: 2' length w/ welded end cap

Well Installation Diagram

Project: 2023 Well Drilling
Location: Gehm Farm
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3749634.99 E649514.67
TOC Elevation: 3511.23
Surface Elevation: 3509.17

Well No: PTX06-MINJ403
Well Type: Injection
Date Constructed: 08-29-2023
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Quik Grout - Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, Texas
Gradation: 12--20

Screen
Type: 316 Stainless Steel wire-wrapped
Diameter: 6-inch
Slot Size: 0.010

Sump
Type: 316 Stainless Steel w/Stainless Steel Cap
Bottom Cap: 3' length w/ welded end cap

Appendix H

Implementation and Maintenance Reports for Remedial Actions

List of Reports

Implementation Report Perched Aquifer Remedial Actions Supplemental Ogallala Wells, Pantex Plant – Offsite Areas. April – September 2023. ARS Aleut Remediation, LLC. December 20, 2023.

Well Field Maintenance Report – Off Site ISB System 2023 Spring In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. February 28, 2024.

Post-Injection Report – Offsite ISB System March – August 2023 In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. February 28, 2024.

Well Field Maintenance Report – Off Site ISB System 2023 Fall In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. May 23, 2024.

Post-Injection Report – Offsite ISB System September – November - December 2023 In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. May 24, 2024.

Well Field Maintenance Report – Southeast Extension ISB System August to September 202s In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. May 23, 2024.

Post-Injection Report – Southeast ISB Extension System September to October 202s In-Situ Bioremediation Operations And Maintenance. Trihydro Corporation. May 23, 2024.

Well Field Maintenance Report - Zone 11 ISB System March to July 2023 In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. May 23, 2024.

Post-Injection Report – Z11 ISB System Post-Injection Report – Z11 ISB System May to December 2023 In-Situ Bioremediation Operations and Maintenance. Trihydro Corporation. May 31, 2024.

Reports available by request. Email ERProgramAdminRecord@pxy12.doe.gov for information.